Pakistan. Meteorological Service
"
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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 1st JANUARY 1970

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

Yesterday's western disturbance over Kalat division is now moving across Quetta division and adjoining areas. A fresh western disturbance is moving across Russian Turkistan with its secondary lying over southeast Iran.

Weather remained mainly dry over the couutry.

Night temperatures were 3—8 °F (2—4 °C) above normal in west Pakistan outside Multan, Kalat and Karachi divisions and were partically normal over East Pakistan.

**Forecast valid until the evening of 2nd January 1970** :—Rain/drizzle with snowfall over the hills will be scattered in Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and in Kashmir. Weather will remain mainly dry elsewhere over the country.

Karachi-11
The 1st January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| Divisions | Stations | Rainfall in Cents RRR | Past weather commenced at † Wt | Total cloud amount N | Wind direction in tens of degrees dd | Winds speed in Knots ff | Horizontal visibility† VV | Present weather † ww | Past weather † W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature * TT | Amount of Lowest Clud † Nh | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Maximum temperature °F TxTx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati — | 000 | 0 | 1 | 36 | 02 | // | 01 | 0 | 159 | 72 | 1 | 1 | 7 | 0 | 0 | 59 | 78 |
| | Cox's Bazar — | 000 | 0 | 0 | 31 | 00 | // | 00 | 0 | 156 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| | Chittagong — | 000 | 0 | 3 | 00 | 00 | // | 02 | 0 | 155 | 70 | 2 | 0 | 9 | 3 | / | 58 | 77 |
| | Maijdee Court — | 000 | 9 | 0 | 00 | 02 | // | 00 | 0 | 148 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Comilla — | 000 | 0 | 0 | 00 | 00 | 56 | 02 | 0 | 149 | 76 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| | Brahmanbaria — | 000 | 0 | 2 | 00 | 00 | // | 03 | 1 | 159 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 78 |
| | Sylhet — | 000 | 0 | 1 | 27 | 00 | // | 03 | 0 | 154 | 68 | 0 | 0 | 9 | 0 | / | 60 | 78 |
| | Srimangal — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 165 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 79 |
| Dacca | Mymensingh — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 167 | 77 | 0 | 0 | 9 | 0 | 0 | 68 | 77 |
| | Narayanganj — | 000 | 0 | 0 | 31 | 03 | // | 00 | 0 | 152 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Dacca (Tejgaon) — | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 163 | 70 | 4 | 0 | 9 | 0 | 1 | 56 | 77 |
| | Faridpur — | 000 | 0 | 1 | 00 | 02 | 93 | 01 | 1 | 171 | 72 | 0 | 0 | 9 | 0 | 1 | 58 | 76 |
| Khulna | Barisal — | 000 | 0 | 2 | 00 | 00 | // | 02 | 0 | 159 | 70 | 0 | 0 | 9 | 0 | 2 | 70 | 76 |
| | Khulna — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 144 | 73 | 0 | 0 | 9 | 0 | 0 | 67 | 82 |
| | Satkhira — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 165 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| | Jessore — | 000 | 0 | 1 | 33 | 03 | 97 | 02 | 0 | 166 | 68 | 0 | 0 | 9 | 0 | 1 | 54 | 77 |
| Rajshahi | Pabna — | 000 | 0 | 2 | 00 | 00 | // | 01 | 0 | 151 | 70 | 0 | 0 | 9 | 0 | 1 | 54 | 78 |
| | Sirajganj — | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 165 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| | Rajshahi — | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 145 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| | Bogra — | 000 | 0 | 0 | 31 | 04 | // | 02 | 0 | 156 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Dinajpur — | 000 | 0 | 0 | 00 | 02 | 96 | 00 | 0 | 149 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| | Rangpur — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 152 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 75 |
| Kashmir | Jammu — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) — | 000 | 0 | 0 | 31 | 02 | 95 | 02 | 0 | 189 | 51 | 0 | 0 | 9 | 0 | 0 | 41 | 73 |
| | Sialkot — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum — | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 189 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 86 |
| | Islamabad — | | | | | | | | | | | | | | | | | |
| | Rawalpindi — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Campbellpur — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 191 | 77 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| | Sargodha — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 182 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| | Lyallpur — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 191 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 73 |
| Multan | Sahiwal — | | | | | | | | | | | | | | | | | |
| | Multan — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 197 | 70 | 0 | 0 | 9 | 0 | 0 | 40 | 76 |
| | Leiah — | 000 | 0 | 4 | 36 | 02 | 94 | 02 | 2 | 197 | 78 | 0 | 6 | 6 | 7 | 0 | 49 | 85 |
| Bahawalpur | Khanpur — | 000 | 0 | 3 | 00 | 00 | 56 | 02 | 0 | 192 | 72 | 0 | / | 9 | 0 | 3 | 47 | 73 |
| | Bahawalpur — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 196 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| | Fort Abbas — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 149 | 76 | 0 | 0 | 9 | 0 | 0 | 36 | 77 |
| Peshawar | Chakdra — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| | Peshawar — | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 1 | 201 | 67 | 0 | 0 | 9 | 0 | 1 | 40 | 70 |
| | Haripur — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu — | 000 | 0 | 3 | 13 | 01 | 59 | 01 | 1 | 208 | 67 | 0 | 0 | 9 | 4 | 0 | 36 | 73 |
| | D. I. Khan — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 201 | 67 | 0 | 0 | 9 | 0 | 7 | 50 | 76 |
| Quetta | Sibi — | 000 | 0 | 0 | 18 | 03 | 97 | 03 | 1 | 206 | 76 | 0 | 3 | 9 | 2 | 0 | 52 | 78 |
| | Nokkundi — | 000 | 0 | 5 | 13 | 05 | 97 | 02 | 2 | 121 | 71 | | 5 | 6 | 0 | 0 | 21 | 73 |
| Kalat | Turbat — | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Jiwani — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Pasni — | 000 | 0 | 7 | 11 | 02 | 97 | 02 | 0 | 184 | 76 | 4 | 0 | 9 | 3 | 0 | 68 | 77 |
| Karachi division | Ormara — | | | | | | | | | | | | | | | | | |
| | Lasbela — | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 177 | 85 | 0 | 0 | 9 | 0 | 0 | 49 | 86 |
| | Karachi (Manora) — | 000 | 0 | 2 | 05 | 05 | 97 | 02 | 0 | 174 | 77 | 2 | 0 | 9 | 1 | 0 | 49 | 84 |
| | Karachi (Airport) — | 000 | 0 | 2 | 09 | 05 | 96 | 01 | 0 | 173 | 80 | 0 | 0 | 9 | 0 | 1 | 44 | 82 |
| Hyderabad | Nagarparkar — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 148 | 84 | 0 | 0 | 9 | 0 | 0 | 84 | 84 |
| | Chhor — | | | | | | | | | | | | | | | | | |
| | Hyderabad — | 000 | 0 | 2 | 36 | 07 | 94 | 01 | 1 | 188 | 73 | 0 | 0 | 9 | 0 | 1 | 47 | 76 |
| | Badin — | 000 | 0 | 0 | 36 | 03 | 97 | 01 | 0 | 174 | 81 | 0 | 0 | 9 | 0 | 0 | 43 | 81 |
| Khairpur | Padidan — | 000 | 0 | 4 | 31 | 03 | 97 | 03 | 0 | 158 | 73 | 0 | 0 | 9 | 0 | 6 | 46 | 76 |
| | Nawabshah — | 000 | 0 | 5 | 31 | 05 | 96 | 03 | 0 | // | // | 0 | 0 | 9 | 0 | 5 | 58 | 87 |
| | Sukkur — | 000 | 0 | 4 | 13 | 03 | 95 | 05 | 4 | 189 | 74 | 0 | 0 | 9 | 6 | 0 | 45 | 76 |
| | Kashmore — | | | | | | | | | | | | | | | | | |
| | Jacobabad — | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 195 | 73 | 0 | 0 | 9 | 0 | 1 | 42 | 76 |
| Junagadh | Veraval — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | 000 | 0 | 0 | 09 | 03 | 98 | 00 | 1 | 529 | 49 | 0 | 0 | 9 | 0 | 0 | // | 51 |
| Peshawar | Drosh * ... | 000 | 0 | 6 | 05 | 03 | 97 | 02 | 1 | 568 | 48 | 1 | 5 | 7 | 6 | 0 | 13 | 54 |
| | Cherat * ... | 000 | 0 | 0 | 34 | 10 | 98 | 00 | 0 | 546 | 50 | 0 | 0 | 9 | 0 | 0 | 25 | 54 |
| | Kakul * ... | 000 | 0 | 0 | 18 | 07 | 96 | 05 | 0 | 549 | 56 | 0 | 0 | 9 | 0 | 0 | 22 | 63 |
| | Landikotal * ... | 000 | 0 | 0 | 18 | 03 | 58 | 00 | 0 | 498 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 67 |
| | Parachinar * ... | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 0 | 551 | 49 | 2 | 5 | 6 | 5 | 0 | 16 | 56 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 535 | 63 | 0 | 0 | 9 | 0 | 0 | 38 | 64 |
| | Wana * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman * ... | 000 | 0 | 2 | 27 | 03 | 98 | 03 | 0 | 526 | 60 | 2 | 4 | 7 | 0 | 0 | 20 | 62 |
| | Hindubagh * ... | 000 | 0 | 1 | 09 | 05 | 97 | 01 | 0 | /// | 53 | 1 | 1 | 8 | 0 | 0 | // | 65 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | 523 | 61 | 0 | 0 | 9 | 0 | 0 | // | 69 |
| | Harnai * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 526 | 62 | 0 | 0 | 9 | 0 | 0 | 61 | 61 |
| | Samungli (Quetta) * ... | 000 | 0 | 1 | 16 | 10 | 96 | 01 | 0 | 524 | 56 | 1 | 1 | 6 | 0 | 0 | 43 | 58 |
| | Chaman * ... | 000 | 0 | 0 | 13 | 03 | 97 | 00 | 0 | 519 | 62 | 0 | 0 | 9 | 0 | 0 | 37 | 64 |
| | Nushki * ... | 000 | 0 | 3 | 23 | 05 | 97 | 02 | 0 | 543 | 67 | 0 | 0 | 9 | 0 | 2 | 42 | 66 |
| | Dalbandin * ... | 000 | 0 | 7 | 13 | 05 | 97 | 01 | 0 | 524 | 69 | 0 | 0 | 9 | 3 | 0 | 39 | 70 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 2 | 525 | 31 | 0 | 0 | 9 | 0 | 0 | 37 | 60 |
| | Khuzdar * ... | 000 | 0 | 6 | 09 | 02 | 97 | 01 | 2 | 529 | 62 | 3 | 5 | 6 | 2 | 0 | 44 | 63 |
| | Panjgur * ... | | | | | | | | | | | | | | | | | |

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

| Stations | Rainfall in Cents RRR | Past weather commenced at † Wt | Total cloud amount N | Wind direction in tens of degrees dd | Wind speed in knots ff | Horizontal visibility † VV | Present weather † ww | Past Weather W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature TT | Amount of Lowest Cloud † h | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Minimum temperature TnTn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| Rangamati | 000 | 0 | 3 | 36 | 02 | 96 | 04 | 1 | 198 | 62 | 2 | 8 | 6 | 1 | 1 | 59 | 58 |
| Cox's Bazar | 000 | 0 | 7 | 05 | 03 | 97 | 03 | 3 | 182 | 65 | 1 | 5 | 4 | 3 | 9 | 58 | 59 |
| Chittagong | 000 | 0 | 5 | 05 | 02 | 96 | 02 | 2 | 190 | 60 | 0 | 0 | 9 | 3 | 2 | 54 | 54 |
| Maijdee Court | 000 | 9 | 3 | 00 | 00 | 97 | 03 | 0 | 180 | 65 | 0 | 0 | 9 | 2 | 0 | 51 | 54 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 180 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 59 |
| Brahmanbaria | 000 | 0 | 6 | 36 | 02 | 96 | 03 | 1 | 180 | 65 | 6 | 6 | 5 | 0 | 0 | 62 | 54 |
| Sylhet | 000 | 0 | 4 | 09 | 07 | 97 | 03 | 0 | 180 | 59 | 0 | 0 | 9 | 0 | 2 | 56 | 51 |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 56 | 00 | 0 | 114 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 41 |
| Mymensingh | 000 | 0 | 5 | 00 | 00 | 98 | 02 | 1 | 154 | 64 | 6 | 0 | 6 | 2 | 0 | 56 | 54 |
| Narayanganj | 000 | 0 | 6 | 31 | 02 | 97 | 02 | 2 | 191 | 69 | 6 | 6 | 5 | 3 | / | 54 | 56 |
| Dacca (Tejgaon) | 000 | 0 | 5 | 31 | 05 | 56 | 05 | 0 | 195 | 62 | 0 | 0 | 9 | 0 | 1 | 54 | 54 |
| Faridpur | 000 | 0 | 3 | 34 | 02 | 97 | 01 | 1 | 187 | 62 | 2 | 4 | 6 | 1 | 0 | 56 | 51 |
| Barisal | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 192 | 60 | 0 | 0 | 9 | 0 | 5 | 58 | 51 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 197 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 58 |
| Satkhira | 000 | 0 | 2 | 36 | 01 | 95 | 00 | 0 | 200 | 64 | 2 | 0 | 0 | 2 | 0 | 51 | 51 |
| Jessore | 000 | 0 | 0 | 36 | 05 | 95 | 05 | 2 | 198 | 63 | 0 | 0 | 9 | 0 | 5 | 54 | 49 |
| Pabna | 000 | 0 | 4 | 31 | 02 | 97 | 03 | 1 | 194 | 64 | 0 | 0 | 9 | 0 | 2 | 56 | 54 |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | 58 | 00 | 0 | 198 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 51 |
| Rajshahi | 000 | 0 | 2 | 31 | 02 | 97 | 01 | 1 | 199 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Bogra | 000 | 0 | 3 | 05 | 02 | 96 | 02 | 0 | 199 | 60 | 0 | 0 | 9 | 0 | 2 | 51 | 51 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 210 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | // |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 56 | 01 | 0 | 197 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 49 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | 225 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 43 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 150 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | // |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 0 | 220 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 40 |
| Islamabad | | | | | | | | | | | | | | | | | |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 240 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 40 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 224 | 41 | 0 | 0 | 9 | 0 | 0 | 41 | 40 |
| Sargodha | 000 | 0 | 1 | 23 | 07 | 95 | 04 | 0 | 223 | 40 | 1 | 0 | 9 | 3 | 0 | 38 | 40 |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 230 | 42 | 0 | 0 | 9 | 0 | 0 | 35 | 43 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 229 | 45 | 0 | 0 | 9 | 0 | / | 38 | 40 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | 000 | 0 | 1 | 00 | 00 | 56 | 02 | 0 | 234 | 48 | 0 | 0 | 9 | 0 | 3 | 49 | 43 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 222 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 49 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakdra | 000 | 0 | 2 | 05 | 03 | 98 | 02 | 0 | 237 | 40 | 2 | 0 | 9 | 3 | 0 | 32 | 35 |
| Peshawar | 000 | 0 | 3 | 18 | 02 | 97 | 03 | 0 | 227 | 45 | 2 | 0 | 9 | 3 | 1 | 30 | 45 |
| Haripur | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 237 | 49 | 0 | 0 | 9 | 0 | 0 | 31 | 43 |
| Bannu | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 227 | 40 | 0 | 0 | 9 | 4 | 0 | 33 | 45 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 228 | 47 | 0 | 0 | 9 | 0 | 0 | 35 | 43 |
| Sibi | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 1 | 238 | 47 | 0 | 2 | 9 | 2 | 0 | 47 | 46 |
| Nokkundi | 000 | 0 | 5 | 05 | 07 | 96 | 03 | 0 | 170 | 53 | 5 | 5 | 6 | 0 | 0 | 17 | 52 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | // | 64 | 0 | 4 | 9 | 4 | 0 | 51 | // |
| Jiwani | 000 | 0 | 6 | 09 | 02 | 96 | 03 | 1 | 190 | 60 | 3 | 6 | 5 | 0 | 1 | 61 | 65 |
| Pasni | 000 | 0 | 7 | 05 | 06 | 97 | 02 | 0 | 178 | 61 | 3 | 4 | 9 | 0 | 0 | 61 | // |
| Ormara | | | | | | | | | | | | | | | | | |
| Lasbela | 000 | 0 | 4 | 00 | 00 | 98 | 00 | 0 | 206 | 55 | 0 | 0 | 8 | 0 | 0 | 45 | 42 |
| Karachi (Manora) | 000 | 0 | 3 | 05 | 05 | 96 | 03 | 0 | 199 | 64 | 0 | 6 | 9 | 0 | 1 | 43 | 63 |
| Karachi (Airport) | 000 | 0 | 4 | 05 | 03 | 96 | 03 | 0 | 198 | 59 | 1 | 0 | 9 | 3 | 1 | 43 | 55 |
| Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor | | | | | | | | | | | | | | | | | |
| Hyderabad | 000 | 0 | 2 | 36 | 03 | 97 | 03 | 0 | 216 | 37 | 0 | 0 | 9 | 0 | 1 | [illegible] | [illegible] |
| Badin | 000 | 0 | 0 | 36 | 06 | 96 | 07 | 0 | 195 | 32 | 0 | 0 | 9 | 0 | 0 | 43 | 50 |
| Padidan | 000 | 0 | 2 | 31 | 03 | 96 | 03 | 0 | 223 | 49 | 0 | 0 | 9 | 0 | 1 | 42 | 45 |
| Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 227 | 49 | 0 | 0 | 9 | 0 | 0 | 44 | 48 |
| Sukkur | 000 | 2 | 4 | 02 | 05 | 55 | 05 | 4 | 223 | 56 | 4 | 0 | 9 | 6 | 0 | [illegible] | 51 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 226 | 51 | 0 | 0 | 9 | 0 | 0 | 42 | 51 |
| Veraval | | | | | | | | | | | | | | | | | |
| Murree | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat | 000 | 0 | 0 | 34 | 05 | 98 | 00 | 0 | 577 | 50 | 0 | 0 | 9 | 0 | 0 | 24 | 47 |
| Kakul | 000 | 0 | 3 | 34 | 03 | 97 | 01 | 1 | 549 | 45 | 3 | 0 | 9 | 3 | 0 | 26 | 43 |
| Landikotal | 000 | 0 | 4 | 31 | 05 | 98 | 01 | 0 | 608 | 40 | 4 | 3 | 9 | 0 | 0 | 23 | 32 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Miranshah | 000 | 0 | 4 | 05 | 05 | 97 | 02 | 0 | 549 | 47 | 4 | 0 | 9 | 0 | 0 | 32 | 41 |
| Wana | 000 | 0 | 1 | 00 | 00 | 98 | 00 | 0 | 499 | 38 | 2 | 1 | 8 | 0 | 0 | 20 | 30 |
| Fort Sandeman | 000 | 0 | 1 | 13 | 02 | 97 | 03 | 0 | 551 | 40 | 0 | 0 | 9 | 0 | 1 | 30 | 36 |
| Hindubagh | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | /// | 36 | 1 | 6 | 0 | 0 | 0 | // | 32 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 547 | 42 | 0 | 0 | 9 | 0 | 0 | // | 38 |
| Harnai | 000 | 0 | 2 | 05 | 03 | 96 | 02 | 0 | 533 | 52 | 0 | 0 | 8 | 0 | 2 | 42 | 47 |
| Samungli (Quetta) | 000 | 0 | 3 | 13 | 05 | 99 | 03 | 0 | 554 | 41 | 0 | 0 | 9 | 0 | 4 | 38 | 35 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 539 | 45 | 0 | 0 | 9 | 0 | 0 | 46 | 40 |
| Nushki | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 572 | 57 | 0 | 0 | 9 | 0 | 0 | 32 | 53 |
| Dalbandin | 000 | 0 | 7 | 13 | 02 | 98 | 02 | 1 | 526 | 59 | 4 | 5 | 6 | 3 | 0 | 37 | 46 |
| Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 02 | 0 | 572 | 33 | 0 | 0 | 9 | 0 | 0 | 21 | 28 |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| Stations | Maximum temperature TxTx | Minimum Temperature TnTn | Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|
| 2 | 37 | 38 | 39 | 40 | 41 | 42 |
| Rangamati | — | — | 1.6 | — | 102.4 | — |
| Cox's Bazar | 0 | + 2 | 0.6 | — 3.6 | 91.9 | 40 |
| Chittagong | 0 | — 1 | 1.2 | — 0.6 | 105.7 | 106 |
| Maijdee Court | — 1 | — 3 | 0.4 | — 1.4 | 128.6 | 115 |
| Comilla | + 1 | + 6 | 0.5 | — 1.1 | 104.2 | 194 |
| Brahmanbaria | — | — | 1.3 | — 0.1 | 55.1 | 78 |
| Sylhet | — | — | 1.3 | — | 149.7 | — |
| Srimangal | 0 | — 7 | 1.5 | — 0.3 | 84.5 | 98 |
| Mymensingh | + 1 | 0 | 0.3 | — 0.7 | 77.6 | 91 |
| Narayanganj | + 4 | 0 | 1.3 | + 0.2 | 82.1 | 74 |
| Dacca (Tejgaon) | — | — | 1.3 | — | 65.9 | — |
| Faridpur | + 2 | — 1 | 1.6 | — 0.4 | 58.5 | 71 |
| Barisal | 0 | — 3 | 0.9 | — 0.9 | 63.2 | 81 |
| Khulna | + 5 | + 4 | 1.4 | 0.0 | 74.5 | 68 |
| Satkhira | 0 | 0 | 0.2 | — 1.7 | 61.7 | 65 |
| Jessore | — | — | 1.1 | 0.0 | 62.5 | 65 |
| Pabna | — | — | 1.0 | — | 66.2 | 59 |
| Sirajganj | + 1 | — 2 | 0.4 | — 0.4 | 56.6 | 64 |
| Rajshahi | — 1 | + 2 | — | — | — | — |
| Bogra | + 2 | — 2 | 1.3 | + 0.4 | 59.6 | 69 |
| Dinajpur | + 1 | / | 0.8 | + 0.4 | 96.5 | 72 |
| Rangpur | 0 | 0 | 1.5 | + 1.0 | 87.5 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | + 3 | + 4 | 0.0 | — 0.5 | 18.0 | 19 |
| Sialkot | | / | 0.0 | — 0.9 | 11.5 | 32 |
| Jhelum | — | — | 0.1 | — | 11.2 | — |
| Islamabad | | | | | | — |
| Rawalpindi | | + 3 | 0.2 | — 1.4 | 33.6 | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 10 | — 1 | 0.0 | — 0.5 | 7.8 | 18 |
| Sargodha | — | — | 0.1 | — | 50.1 | — |
| Lyallpur | + | + 4 | 0.0 | — 0.4 | 7.7 | 12 |
| Sahiwal | | | | | | 18 |
| Multan | + 8 | — 1 | 0.0 | — 0.3 | 11.3 | 7 |
| Leiah | — | | | | | 8 |
| Khanpur | 0 | + 2 | 0.3 | 0.0 | 1.4 | 4 |
| Bahawalpur | + 5 | + 8 | 0.0 | — 0.2 | 2.0 | 6 |
| Fort Abbas | — | | | | | 8 |
| Chakdra | — | — | 0.0 | — | 23.2 | — |
| Peshawar | + 6 | + | 0.5 | — 0.5 | 14.8 | 11 |
| Haripur | | — | 0.9 | — | 23.9 | — |
| Bannu | — | — | 0.5 | — | 5.0 | 11 |
| D. I. Khan | + 7 | + 4 | 0.0 | — 0.4 | 6.0 | 9 |
| Sibi | — | — | 0.0 | — | 0.2 | 5 |
| Nokkundi | — | — | 0.0 | — | 0.4 | 2 |
| Turbat | — | — | 0.0 | — | 0.2 | — |
| Jiwani | | — | 0.8 | — | 2.9 | 5 |
| Pasni | + 1 | / | 0.0 | — 1.0 | 0.3 | 6 |
| Ormara | | | | | | 6 |
| Lasbela | — | — | 0.0 | — | 0.7 | 8 |
| Karachi (Manora) | + 8 | + 6 | 0.0 | — 0.3 | 1.1 | 8 |
| Karachi (Airport) | — | — | 0.0 | — | 1.5 | — |
| Nagarparkar | — | | | | | — |
| Chhor | | | | | | 7 |
| Hyderabad | + 4 | + 2 | 0.0 | — 0.3 | 0.3 | 9 |
| Badin | | | | | 0.3 | — |
| Padidan | — | — | 0.0 | — | 0.8 | — |
| Nawabshah | — | — | 0.0 | — | 1.1 | 4 |
| Sukkur | — | — | 0.0 | — | 0.1 | — |
| Kashmore | | | | | | |
| Jacobabad | | + 6 | [illegible] | — 0.2 | 2.8 | 4 |
| Veraval | | | | | | 20 |
| Srinagar | | | | | | 26 |
| Gulmarg | | | | | | — |
| Sonamarg | | | | | | 71 |
| Dras | | | | | | 26 |
| Leh | | | | | | 3 |
| Skardu | | | | | | 6 |
| Misgar | | | | | | — |
| Aliabad | | | | | | — |
| Gilgit | | | | | | 5 |
| Murree | + 5 | | | | | 39 |
| Drosh | + 6 | | | | | 18 |
| Cherat | + 3 | + 8 | 0.6 | — 1.4 | 15.2 | 29 |
| Kakul | — | — | 1.0 | — | 39.9 | — |
| Landikotal | — | — | 0.7 | — | 13.6 | — |
| Parachinar | + 5 | | | | | 29 |
| Miranshah | — | — | 0.0 | — 0.8 | 2.0 | 17 |
| Wana | | — | 0.0 | — | 4.3 | 11 |
| Fort Sandeman | + 5 | + 4 | 0.0 | — 0.7 | 6.5 | 11 |
| Hindubagh | — | — | 0.0 | — 0.2 | 6.4 | — |
| Loralai | | | | | | 9 |
| Barkhan | — | — | 0.8 | — | 0.9 | — |
| Harnai | — | — | 0.0 | — 1.0 | 5.7 | 14 |
| Samungli (Quetta) | — | — | 0.7 | — 0.7 | 3.7 | 9 |
| Chaman | + 11 | + 5 | 0.0 | — 1.4 | 0.5 | 8 |
| Nushki | — | — | 0.2 | — | 2.3 | — |
| Dalbandin | + 7 | + 8 | 0.0 | — 0.7 | 0.6 | 4 |
| Kalat | + 8 | + 2 | 0.0 | — 1.2 | 2.2 | 9 |
| Khuzdar | — | | | | | — |
| Panjgur | | | | | | — |

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

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# National Oceanic and Atmospheric Administration

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March 28, 2002

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 1st JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sC_sh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Algol ... ... | 99 1 77 | 10 5 79 | 31 0 63 | 30 5 07 | 98 0 20 | 19 9 24 | 32 4 00 | 14 1 06 | | | 0 // 96 | 13 4 02 | 80 2 01 | 80 3 02 |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 138 11 | ... | 470 086 50 | 107 044 35 | 579 081 43 | 749 109 48 | 957 325 50 | 232 318 // | 423 645 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 016 132 38 | ... | 150 110 59 | [illegible] 078 60 | 580 107 60 | 7[illegible]8 225 60 | 953 381 59 | 223 561 // | 400 600 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 015 154 52 | ... | 450 030 15 | 038 101 // | 557 215 // | 719 331 // | 910 385 // | ... | ... | ... | ... | — | — |
| Multan ... | 00 00 | 007 068 70 | ... | 500 090 50 | 123 025 // | 571 175 // | 735 303 // | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 979 072 56 | ... | 650 080 56 | 094 025 45 | 569 177 48 | 732 295 // | 931 435 // | 193 601 // | ... | — | ... | ... | ... |
| Quetta ... | 00 00 | 874 072 58 | ... | ... | 104 041 // | 568 203 // | 730 297 // | 981 380 // | ... | ... | ... | ... | — | — |
| Sargodha ... | 00 00 | 897 084 56 | ... | 450 044 50 | 051 035 64 | 561 195 // | 723 321 // | 922 421 // | 189 335 // | 372 605 // | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 098 26 | 880 086 30 | 803 086 50 | 800 080 50 | 611 000 45 | 600 015 46 | 350 285 50 | 125 695 // | ... | 134 241 20 | — | — |
| Dacca ... | 00 00 | 900 102 57 | 887 080 58 | 836 122 60 | 800 1[illegible] 60 | 561 008 54 | 600 031 59 | 350 303 60 | ... | — | 203 251 01 | — | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | 250 265 07 | ... | ... |
| Karachi ... | 00 00 | — | ... | — | ... | — | ... | — | — | — | 197 330 78 | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 478 385 75 | ... | ... |
| Peshawar ... | 00 00 | ... | — | — | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | — |
| Sargodha ... | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | | | |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 340 10 | 340 09 | 330 07 | 300 04 | 295 06 | 280 23 | 260 21 | — | ... |
| Bogra ... | 320 08 | 315 08 | 315 06 | 295 10 | 290 20 | 230 21 | ... | ... | ... |
| Chaklala ... | — | 275 12 | 285 09 | 300 03 | 075 07 | 150 03 | 265 05 | 275 17 | 260 25 |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Chittagong ... | 325 08 | 345 04 | 360 03 | 275 06 | 270 00 | 345 22 | — | ... | ... |
| Cherat ... | ... | ... | ... | — | — | — | — | — | ... |
| Cox's Bazar ... | 330 13 | 320 07 | 345 04 | 045 03 | — | ... | ... | ... | ... |
| Dacca ... | 305 10 | 315 10 | 330 07 | 325 06 | 285 10 | 270 17 | ... | — | ... |
| Dalbandin ... | ... | — | 195 10 | 205 11 | 210 19 | 230 19 | 260 15 | ... | ... |
| D. I. Khan ... | 215 03 | 035 02 | 060 05 | 075 04 | 185 02 | 230 02 | 265 07 | 265 12 | 275 18 |
| Drosh ... | — | — | ... | 045 04 | 055 05 | 335 02 | 225 04 | 235 04 | ... |
| Fort Sandeman ... | — | — | ... | 265 07 | 215 08 | 175 08 | 270 15 | 280 24 | 280 34 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Ishurdi ... | 325 08 | 300 07 | 320 07 | 300 09 | 295 14 | 280 17 | ... | ... | ... |
| Jacobabad ... | 015 05 | 025 05 | 085 05 | 095 06 | /// // | 215 16 | 270 25 | 290 26 | 295 26 |
| Jessore ... | 330 08 | 330 06 | 340 07 | 315 09 | 315 19 | 310 13 | ... | ... | ... |
| Jhelum ... | 295 07 | 300 08 | 305 02 | 305 11 | /// // | 275 02 | /// // | 270 17 | ... |
| Jiwani ... | 155 09 | 145 12 | 160 08 | 195 03 | ... | ... | ... | ... | ... |
| Karachi ... | 065 10 | 070 08 | 085 05 | 155 06 | 155 05 | 305 06 | 285 24 | 285 29 | 285 33 |
| Khanpur ... | 090 09 | 105 12 | 105 14 | 140 11 | 165 09 | 230 09 | 210 25 | 220 32 | 215 30 |
| Khuzdar ... | — | ... | ... | 210 03 | 210 08 | ... | — | ... | — |
| Lahore ... | 300 05 | 300 07 | 300 06 | 305 07 | 325 09 | 345 09 | 305 10 | 300 12 | ... |
| Multan ... | 060 04 | 005 06 | 345 07 | 235 02 | 235 09 | 250 08 | 300 11 | 305 20 | 300 31 |
| Nawab Shah ... | 335 16 | 020 10 | 060 14 | 135 06 | 235 05 | 235 05 | 345 05 | 345 25 | ... |
| Nokkundi ... | — | ... | 135 04 | 200 06 | 255 06 | 290 05 | ... | ... | ... |
| Panjgur ... | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 330 06 | 315 06 | 330 06 | 330 06 | 255 09 | 255 10 | 260 23 | 270 32 |
| Parachinar ... | ... | ... | ... | 360 01 | 145 09 | 255 20 | 245 21 | 365 47 | 260 41 |
| Quetta ... | ... | ... | ... | ... | 195 11 | 230 16 | ... | ... | ... |
| Sargodha ... | 355 02 | 330 02 | 010 03 | 335 04 | 295 06 | 270 07 | 285 11 | 275 16 | 280 22 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 275 10 | 275 07 | 260 05 | 150 01 | 230 06 | 245 11 | ... | — | ... |
| Veraval ... | ... | ... | | — | ... | | | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 355 10 | 355 08 | 340 12 | 215 10 | 290 19 | 105 13 |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | — | 090 03 | 050 03 | 175 01 | 070 03 | 110 06 |
| Chhor ... | — | — | ... | ... | ... | ... |
| Chittagong ... | — | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 340 21 | 360 15 | 005 07 | 005 12 | 350 09 | 310 24 |
| Dacca ... | 320 12 | 320 12 | 320 10 | 285 10 | 265 13 | 280 19 |
| Dalbandin ... | ... | ... | 180 08 | 220 15 | 215 15 | 255 18 |
| D. I. Khan ... | 310 02 | 310 03 | 240 05 | 090 06 | 120 07 | 160 04 |
| Drosh ... | ... | — | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 265 03 | 175 08 | 310 10 |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 345 05 | 350 08 | 355 10 | 355 12 | 310 13 | ... |
| Jacobabad ... | 035 08 | 030 09 | 085 04 | 155 06 | 205 07 | 300 05 |
| Jessore ... | 335 09 | 330 09 | 330 12 | 335 17 | 320 20 | 300 20 |
| Jhelum ... | 325 08 | 325 14 | 325 13 | 325 06 | ... | ... |
| Jiwani ... | 135 08 | 135 08 | 125 07 | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 035 10 | 340 08 | 050 08 | 350 05 | 345 04 | 280 05 |
| Khuzdar ... | — | ... | ... | 185 06 | 235 05 | 240 10 |
| Lahore ... | 300 10 | 310 10 | 330 10 | 330 07 | 305 08 | 210 10 |
| Multan ... | 005 07 | 025 04 | 285 05 | 295 03 | 300 06 | 295 09 |
| Nawab Shah ... | 040 15 | 040 10 | 045 08 | 195 05 | 200 09 | 185 03 |
| Nokkundi ... | ... | ... | 110 09 | 210 07 | 230 10 | 265 15 |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 100 04 | 225 06 | 330 09 | 350 08 | 020 07 |
| Parachinar ... | ... | ... | ... | 220 04 | 045 03 | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 290 01 | 330 06 | 325 06 | 300 07 | 310 10 | 315 14 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 090 09 | 080 03 | 085 03 | 100 09 | 285 11 | 250 29 |
| Veraval ... | ... | ... | ... | ... | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 345 07 | 350 07 | 350 08 | 310 // | 285 11 | 295 15 | 285 29 | 275 22 | ... | .. | ... |
| Bogra ... | 345 03 | 350 02 | 350 02 | 325 09 | 285 22 | 280 26 | 280 32 | 275 46 | ... | ... | ... |
| Chaklala ... | ... | 215 02 | 335 02 | 015 04 | 015 01 | 300 05 | 250 21 | 255 23 | 265 30 | 270 38 | ... |
| Chhor ... | 100 09 | 075 09 | 070 10 | 070 11 | 060 07 | 080 05 | 275 17 | 260 21 | 260 33 | 270 42 | 280 46 |
| Chittagong ... | 335 09 | 340 09 | 340 10 | 325 09 | 285 10 | 270 13 | 275 25 | 250 53 | 270 56 | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 020 08 | 005 07 | 350 08 | 345 05 | 305 06 | ... | ... | ... | ... | ... | ... |
| Dacca ... | 345 09 | 345 11 | 345 11 | 335 13 | 315 17 | 285 22 | 245 47 | 255 37 | 280 41 | 280 45 | ... |
| Dalbandin ... | ... | ... | 205 08 | 210 15 | 230 20 | — | ... | ... | ... | ... | ... |
| D. I. Khan ... | 295 05 | 300 05 | 305 03 | 295 05 | 220 00 | 620 04 | 005 08 | 265 12 | 355 22 | 250 33 | 265 33 |
| Drosh ... | — | ... | — | ... | — | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 360 03 | 310 20 | /// 13 | 325 19 | 295 21 | 270 20 | 285 29 | 285 51 | 275 35 | 285 54 | 275 65 |
| Jacobabad ... | 100 13 | 105 12 | 100 08 | 100 06 | 170 10 | 215 18 | 240 25 | 240 29 | 245 31 | 250 44 | 260 52 |
| Jessore ... | 355 11 | 355 14 | 355 17 | 340 24 | 320 22 | 310 13 | ... | ... | ... | ... | ... |
| Jhelum ... | 310 10 | 320 09 | 320 12 | 290 10 | 265 04 | 245 12 | 250 13 | 255 25 | 255 29 | ... | ... |
| Jiwani ... | 115 08 | 135 12 | 150 12 | 175 16 | 210 11 | 210 17 | ... | ... | ... | ... | ... |
| Karachi ... | 045 10 | 060 20 | 095 19 | 120 11 | 160 05 | 190 12 | ... | ... | ... | ... | ... |
| Khanpur ... | 065 15 | 085 13 | 090 10 | 095 17 | 115 11 | 150 17 | 205 09 | 225 15 | 220 27 | 245 30 | 230 18 |
| Khuzdar ... | ... | ... | ... | 135 07 | 185 14 | 225 16 | 235 25 | 230 23 | 260 34 | 275 54 | ... |
| Lahore ... | 340 10 | 330 15 | 310 17 | 305 17 | 320 15 | 325 09 | 280 13 | 245 13 | 265 17 | 275 33 | 275 39 |
| Multan ... | 275 02 | 320 03 | 270 04 | 215 06 | 260 11 | 365 15 | 265 10 | 280 27 | 280 38 | 275 49 | 260 29 |
| Nawab Shah ... | 015 06 | 035 07 | 090 06 | 175 06 | 185 06 | 235 07 | 265 26 | 250 42 | 270 48 | 260 55 | — |
| Nokkundi ... | ... | — | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 205 14 | 215 16 | 230 16 | 240 20 | ... | ... | ... | ... |
| Peshawar ... | ... | 045 01 | 020 02 | 320 09 | 330 07 | 270 04 | 275 20 | 250 25 | 250 25 | 245 43 | 265 48 |
| Parachinar ... | ... | ... | — | 105 02 | 155 08 | 250 03 | 210 19 | ... | 250 31 | ... | |
| Quetta ... | | | | ... | 160 15 | 220 20 | 245 29 | 240 22 | 250 30 | ... | |
| Sargodha ... | 345 03 | 351 15 | 310 07 | 285 08 | 005 07 | 270 12 | 270 18 | 265 21 | 270 25 | 265 29 | 270 31 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 080 06 | 070 05 | 055 05 | 075 05 | 300 11 | 270 29 | 275 21 | 280 45 | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | — | — | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3? | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 055 15 | 065 11 | 120 10 | 185 08 | 185 08 | 290 10 | 290 15 | 260 21 | 255 26 | 265 43 | 270 54 | 245 87 | ... | ... | ... | ... | ... | |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

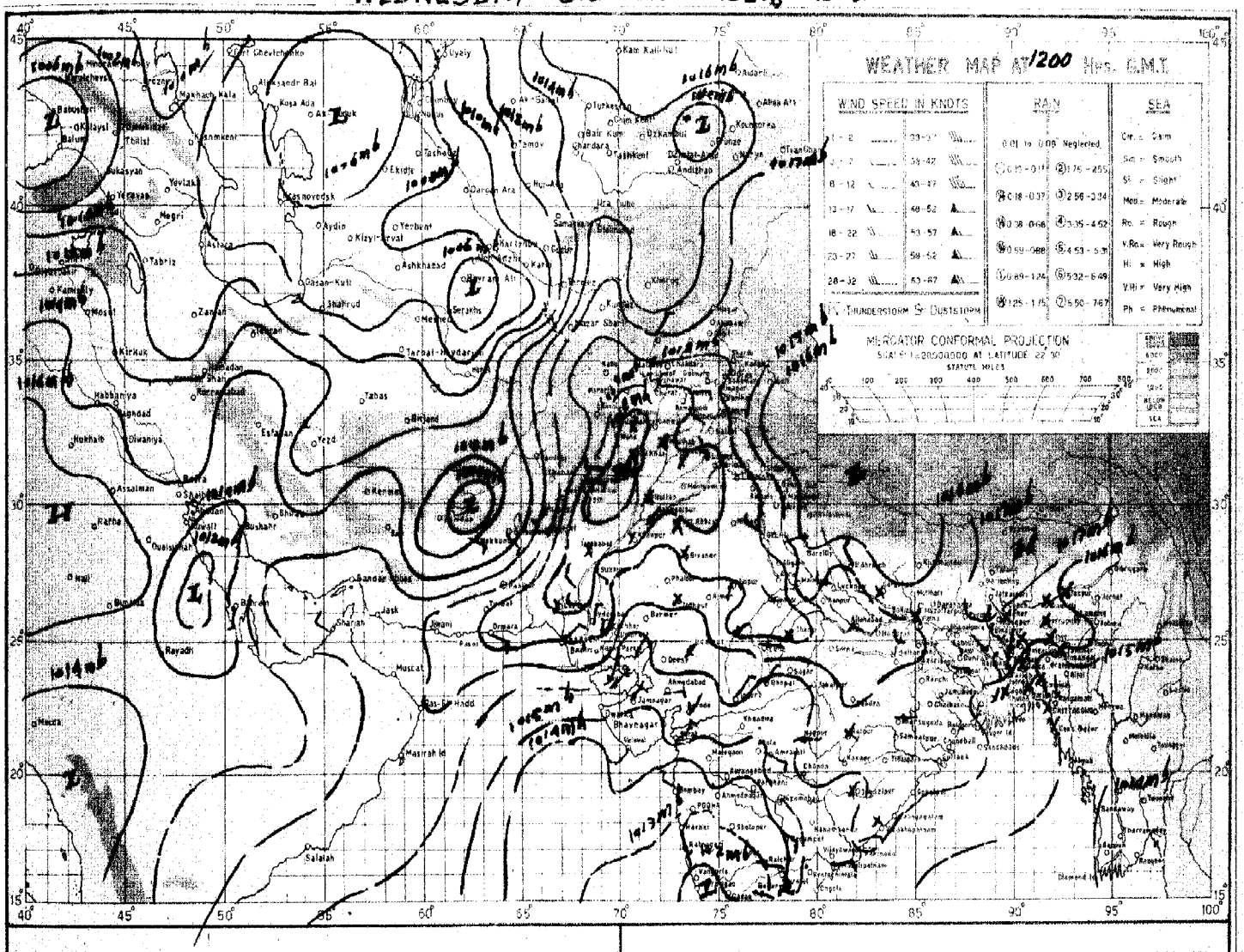
† The actual time of observations may vary within half an hour of the specified time.

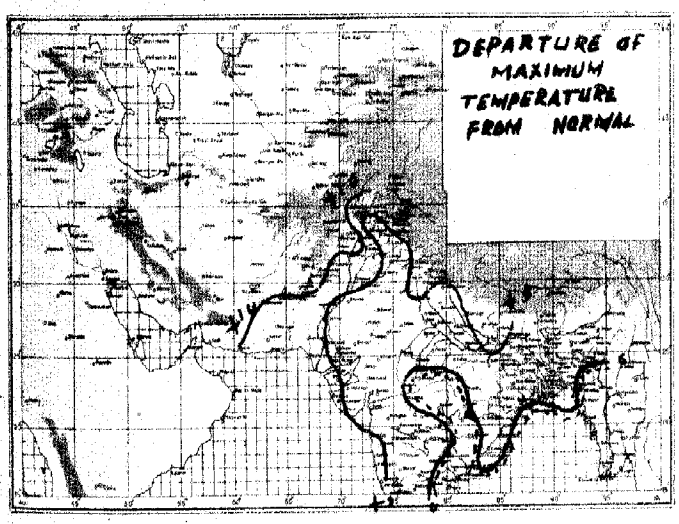
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

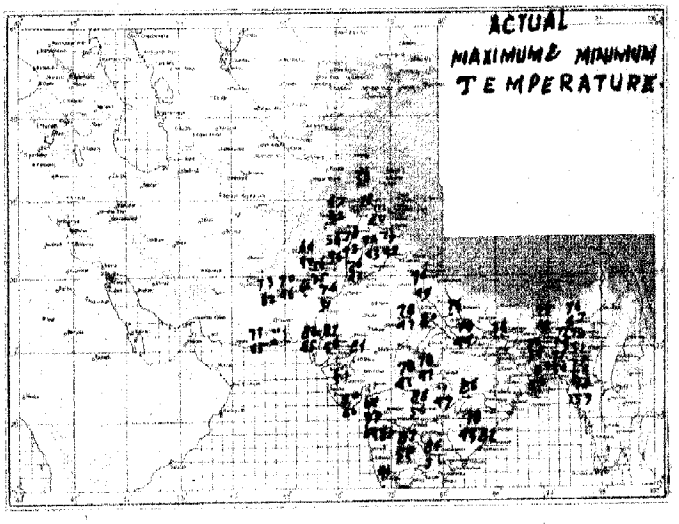
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 31st DECEMBER 1969

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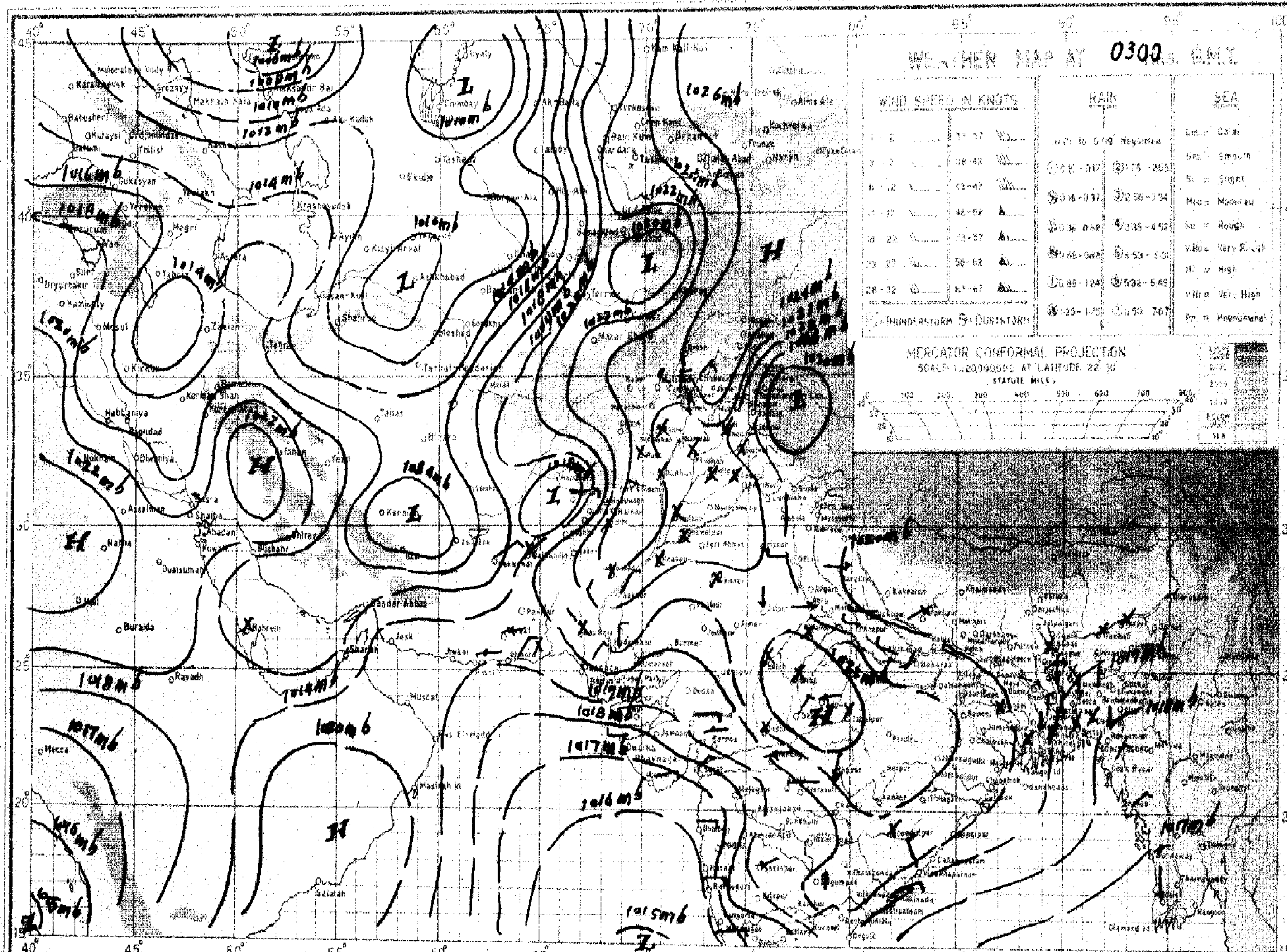
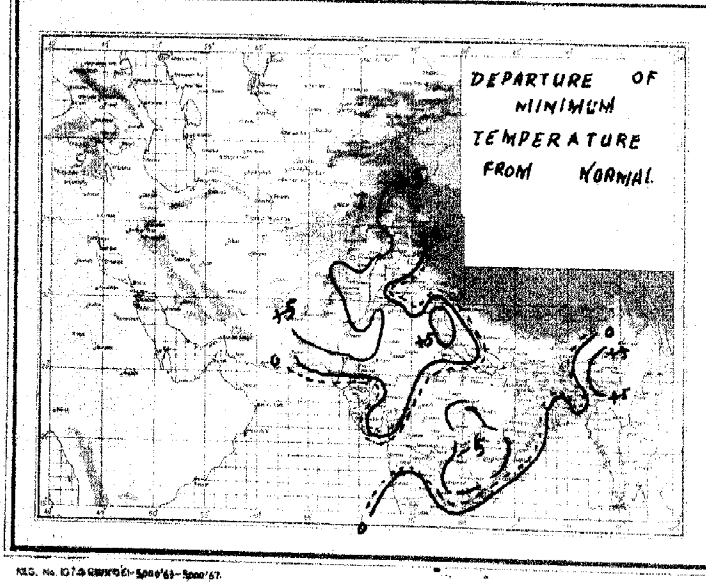
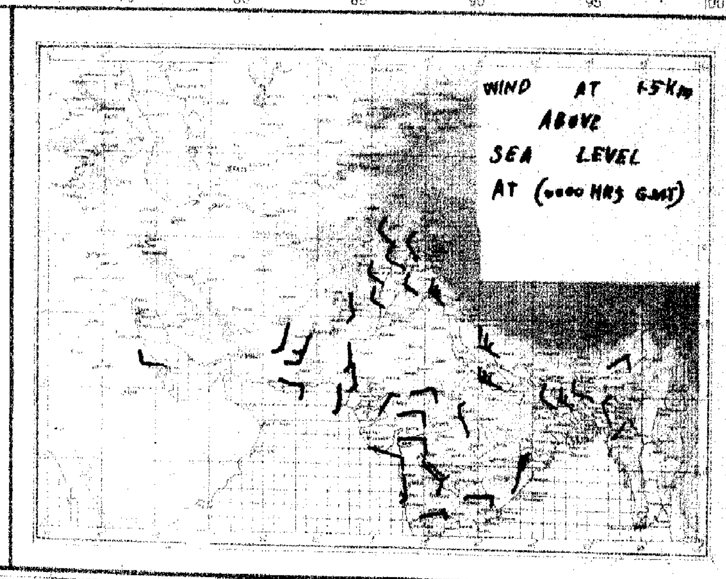
# PAKISTAN DAILY WEATHER MAP

THURSDAY 1ST JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 2nd JANUARY 1970.**

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

Yesterday's western disturbance over Quetta division is moving across Peshawar division and adjoining areas.
The secondary western disturbance over southeast Iran now lies over Quetta division and neighbourhood.
Weather remained dry over the couutry.

Night temperatures were 3—6 °F (2—3 °C) above normal in Lahore, Bahawalpur, D. I. Khan, Karachi, Hyderabad **and** Khairpur divisions **and** 7—13 °F (4—7 °C) in Peshawar, Quetta and Kalat divisions and 3—6 °F (2—3 °C) below normal in Chittagong aud Sargodha divisions.

**Forecast valid until the evening of 3rd January 1970 :**—Scattered rain/drizzle with snowfall over the hills may occur in Peshawar, Quetta, D. I. Khan and Rawalpindi divisions and Kashmir. Weather will be mainly dry elsewhere over the country.

Karachi-11
The 2nd January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 4 | 31 | 02 | // | 02 | 4 | 136 | 72 | 3 | 8 | 6 | 0 | 0 | 58 | 80 |
| | Cox's Bazar | 000 | 0 | 3 | 36 | 08 | // | 02 | 8 | 148 | 70 | 0 | 0 | 9 | 3 | 2 | 58 | 77 |
| | Chittagong | 000 | 0 | 5 | 34 | 05 | // | 02 | 2 | 147 | 70 | 5 | 0 | 9 | 3 | 2 | 56 | 77 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 150 | 72 | 0 | 0 | 9 | 9 | 0 | 51 | 76 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 149 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Brahmanbaria | 000 | 0 | 4 | 00 | 00 | // | // | 1 | 147 | 68 | 0 | 0 | 9 | 0 | 4 | 59 | 76 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 01 | 8 | 148 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 157 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 150 | 70 | 0 | 0 | 9 | 0 | 0 | 68 | 77 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 151 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 154 | 70 | 4 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Faridpur | 000 | 0 | 8 | 34 | 02 | 93 | 00 | 0 | 147 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 73 |
| Khulna | Barisal | 000 | 0 | 3 | 00 | 00 | // | 01 | 2 | 152 | 67 | 0 | 0 | 9 | 0 | 7 | 58 | 76 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 154 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 156 | 70 | 2 | 0 | 0 | 1 | 0 | 58 | 72 |
| | Jessore | 000 | 0 | 3 | 36 | 08 | 97 | 02 | 0 | 157 | 68 | 0 | 0 | 9 | 0 | 8 | 51 | 76 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 152 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 146 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 162 | 67 | 0 | 0 | 9 | 0 | 0 | 51 | 76 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 160 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 150 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 76 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 148 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 76 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 31 | 02 | 95 | 02 | 0 | 175 | 67 | 4 | 0 | 4 | 0 | 1 | 40 | 73 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 140 | 56 | 8 | 0 | 9 | 0 | 0 | 43 | 68 |
| Rawalpindi | Jhelum | 000 | 0 | 2 | 31 | 02 | 96 | 01 | 0 | 1/6 | 72 | 0 | 0 | 7 | 2 | 0 | 34 | 76 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 5 | 27 | 02 | 99 | 02 | 2 | 174 | 63 | 0 | 0 | 9 | 0 | 4 | 34 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 06 | 0 | 188 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| | Sargodha | 000 | 0 | 3 | 23 | 02 | 97 | 03 | 0 | 177 | 72 | 0 | 0 | 9 | 0 | 1 | 51 | 76 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 182 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 72 |
| Multan | Sahiwal | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 0 | 178 | 72 | 0 | 0 | 9 | 0 | 1 | 36 | 77 |
| | Multan | 000 | 0 | 6 | 36 | 02 | 94 | 02 | 2 | 173 | 76 | 0 | 0 | 9 | 0 | 6 | 32 | 76 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 183 | 73 | 0 | 0 | 9 | 0 | 1 | 47 | 77 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 185 | 73 | 0 | 0 | 9 | 0 | 0 | 4[illegible] | 76 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 152 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 73 |
| Peshawar | Chakdra | 000 | 0 | 3 | 23 | 02 | 98 | 03 | 1 | 168 | 62 | 3 | 0 | 9 | 0 | 8 | 41 | 60 |
| | Peshawar | 000 | 0 | 6 | 00 | 00 | 98 | 02 | 2 | 173 | 68 | 1 | 0 | 9 | 3 | 1 | 38 | 72 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| D. I. Khan | Bannu | 000 | 0 | 4 | 13 | 01 | 98 | 02 | 1 | 178 | 70 | 0 | 0 | 9 | 1 | 5 | 40 | 73 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 182 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 73 |
| Quetta | Sibi | 000 | 6 | 0 | 09 | 03 | 97 | 03 | 1 | 192 | 77 | 4 | 2 | 9 | 4 | 2 | 56 | 78 |
| | Nokkundi | 000 | 0 | 0 | 23 | 03 | 96 | 01 | 1 | 121 | 73 | 0 | 0 | 9 | 4 | 0 | 35 | 74 |
| Kalat | Turbat | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 9 | 0 | 44 | 80 |
| | Jiwani | 000 | 0 | 6 | 13 | 09 | 96 | 02 | 0 | 176 | 76 | 6 | 6 | 5 | 0 | 0 | 66 | 78 |
| | Pasni | 000 | 0 | 3 | 31 | 02 | 97 | 02 | 0 | 185 | 77 | 3 | 8 | 9 | 0 | 0 | 63 | 78 |
| Karachi division | Ormara | 000 | 0 | 5 | 09 | 03 | 96 | 02 | 2 | 181 | 76 | 5 | 0 | 9 | 7 | 0 | 59 | 77 |
| | Lasbela | 000 | 0 | 6 | 00 | 00 | 98 | 00 | 0 | 165 | 84 | 0 | 0 | 8 | 0 | 0 | 58 | 86 |
| | Karachi (Manora) | 000 | 0 | 4 | 09 | 03 | 97 | 03 | 0 | 170 | 79 | 0 | 0 | 9 | 0 | 1 | 56 | 85 |
| | Karachi (Ariport) | 000 | 0 | 4 | 09 | 05 | 96 | 01 | 2 | 171 | 82 | 0 | 0 | 9 | 0 | 1 | 47 | 84 |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | |
| | Chhor | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 169 | // | 0 | 0 | 9 | 8 | 1 | 37 | 87 |
| | Hyderabad | 000 | 0 | 4 | 36 | 02 | 97 | 03 | 0 | 183 | 74 | 1 | 0 | 9 | 3 | 1 | 45 | 78 |
| | Badin | 000 | 0 | 2 | 36 | 06 | 57 | 03 | 0 | 163 | 81 | 0 | 0 | 9 | 0 | 0 | 43 | 82 |
| Khairpur | Padidan | 000 | 0 | 3 | 36 | 05 | 97 | 03 | 0 | 187 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| | Nawabshah | 000 | 0 | 6 | 31 | 09 | 96 | 03 | 1 | 109 | 74 | 0 | 0 | 9 | 0 | 2 | 50 | 77 |
| | Sukkur | 000 | 0 | 4 | 05 | 03 | 96 | 02 | 1 | 183 | // | 4 | 0 | 9 | 6 | 8 | 49 | 75 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 190 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 75 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh * | | | | | | | | | | | | | | | | | |
| | Cherat * | 000 | 0 | 0 | 36 | 18 | 98 | 00 | 0 | 533 | 54 | 0 | 0 | 9 | 0 | 0 | 20 | 58 |
| | Kakul * | 000 | 0 | 4 | 18 | 05 | 98 | 03 | 1 | 534 | 58 | 0 | 0 | 9 | 0 | 3 | 29 | 63 |
| | Landikotal * | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 4 | 622 | 51 | 4 | 3 | 9 | 0 | 0 | 47 | 68 |
| | Prachinar * | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 1 | 549 | 54 | 4 | 5 | 6 | 4 | 0 | 25 | 58 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 538 | 67 | 0 | 0 | 9 | 0 | 0 | 45 | 68 |
| | Wana * | 000 | 0 | 1 | 00 | 00 | 98 | 00 | 0 | 546 | 63 | 2 | 0 | 8 | 0 | 0 | 47 | 63 |
| Quetta | Fort Sandeman * | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 2 | 523 | 59 | 5 | 4 | 7 | 0 | 1 | 35 | 62 |
| | Hindubagh * | 000 | 0 | 0 | 29 | 03 | 97 | 03 | 0 | /// | 52 | 2 | 1 | 7 | 0 | 0 | 30 | 62 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 523 | 61 | 0 | 0 | 9 | 0 | 0 | // | 69 |
| | Harnai * | 000 | 0 | 6 | 23 | 02 | 96 | 02 | 0 | /// | 63 | 0 | 0 | 8 | 0 | 6 | 44 | 68 |
| | Samungli (Quetta) * | 000 | 0 | 5 | 31 | 05 | 96 | 03 | 0 | 535 | 58 | 5 | 2 | 6 | 0 | 3 | 38 | 58 |
| | Chaman * | 000 | 0 | 0 | 13 | 03 | 96 | 00 | 0 | 524 | 62 | 0 | 0 | 9 | 0 | 0 | 40 | 64 |
| | Nushki * | 000 | 0 | 3 | 23 | 02 | 97 | 02 | 0 | 574 | 69 | 0 | 0 | 9 | 0 | 2 | 42 | 70 |
| | Dalbandin * | 000 | 0 | 0 | 15 | 08 | 94 | 07 | 4 | 532 | 68 | 0 | 0 | 9 | 3 | 0 | 38 | 71 |
| Kalat | Kalat * | 000 | 0 | 0 | 33 | 02 | 98 | 00 | 2 | 536 | 53 | 0 | 0 | 9 | 0 | 0 | 41 | 60 |
| | Khuzdar * | 000 | 0 | 0 | 00 | 02 | 97 | 02 | 8 | 525 | 63 | 2 | 5 | 6 | 0 | 0 | 29 | 65 |
| | Panjgur * | 000 | 0 | 4 | 23 | 02 | 96 | 01 | 2 | 527 | 67 | 2 | 5 | 7 | 2 | 0 | 42 | 69 |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in konts ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 2 | 0 | 36 | 02 | 96 | 40 | 4 | 186 | 59 | 7 | 1 | 8 | 0 | 0 | 56 | 58 | — | — | 1.5 | — | 102.4 | |
| | Cox's Bazar | 000 | 0 | 1 | 36 | 09 | 96 | 02 | 0 | 179 | 65 | 0 | 0 | 9 | 0 | 1 | 59 | 56 | — 1 | — 1 | 0.7 | — 3.5 | 91.9 | 40 |
| | Chittagong | 000 | 0 | 2 | 05 | 02 | 96 | 02 | 0 | 184 | 62 | 0 | 0 | 9 | 0 | 1 | 56 | 54 | 0 | — 1 | 1.2 | — 0.6 | 105.7 | 108 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 181 | 69 | 0 | 0 | 9 | 0 | 0 | 65 | 54 | — 2 | — 3 | 0.4 | — 1.5 | 128.6 | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 175 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | — 1 | + 6 | 0.5 | — 1.1 | 104.1 | 194 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 161 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 54 | — | — | 1.3 | — 0.1 | 55.1 | 78 |
| | Sylhet | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 184 | 60 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | — | — | 1.5 | — | 149.7 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 185 | 60 | 0 | 0 | 7 | 0 | 0 | 56 | 41 | — 4 | — 7 | 1.5 | — 0.1 | 84.5 | 98 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 91 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | + 3 | — 2 | 1.3 | + 0.1 | 82.1 | 74 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 31 | 02 | 96 | 05 | 0 | 186 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — | 1.3 | — | 65.9 | — |
| | Faridpur | 000 | 0 | 0 | 02 | 02 | 97 | 00 | 0 | 177 | 61 | 0 | 0 | 9 | 0 | 0 | 51 | 50 | — 1 | — 2 | 1.6 | + 0.3 | 58.6 | 71 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 173 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 3 | 0 | 1.4 | 0.0 | 74.5 | 68 |
| | Satkhira | 000 | 0 | 0 | 36 | 01 | 97 | 00 | 0 | 196 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 50 | — 7 | — 1 | 0.2 | — 1.8 | 61.7 | 68 |
| | Jessore | 000 | 0 | 0 | 03 | 03 | 96 | 05 | 0 | 186 | 59 | 0 | 0 | 9 | 0 | 0 | 51 | 47 | — | — | 1.1 | 0.1 | 62.5 | 48 |
| Rajshahi | Pabna | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 186 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — | 1.0 | — | 66.3 | 59 |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 64 |
| | Rajshahi | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 2 | 194 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | + 1 | — 1 | 2.9 | + 2.3 | 70.3 | — |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 201 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 50 | + 1 | + 1 | 0.7 | — 0.3 | 96.5 | 72 |
| | Rangpur | — | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 94 | 10 | 0 | 197 | 45 | 3 | 0 | 9 | 3 | 1 | 40 | 43 | + 3 | + 4 | 0.0 | — 0.6 | 17.9 | 19 |
| | Sialkot | 000 | 8 | 0 | 00 | 00 | 92 | 00 | 0 | 160 | 45 | 8 | 0 | 9 | 0 | 0 | 40 | // | + 2 | — | 0.0 | — 0.9 | 11.5 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 1 | 195 | 43 | 1 | 0 | 5 | 3 | 1 | 38 | 43 | — | — | 0.1 | — | 3.1 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | |
| | Rawalpindi | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | + 6 | | | | | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 02 | 97 | 06 | 0 | 217 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | + 9 | — 6 | 0.0 | — 0.6 | 7.8 | 18 |
| | Sargodha | 000 | 0 | 1 | 23 | 03 | 96 | 04 | 1 | 187 | 45 | 0 | 0 | 9 | 0 | 1 | 43 | // | — | — | 0.1 | — | 50.1 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 201 | 47 | 0 | 0 | 9 | 0 | 0 | 38 | // | + 3 | — | 0.0 | — 0.4 | 7.7 | 13 |
| Multan | Sahiwal | 000 | 0 | 3 | 13 | 03 | 97 | 02 | 0 | 183 | 54 | 0 | 0 | 9 | 0 | 4 | 38 | 43 | + 8 | + 2 | 0.0 | — 0.3 | 11.3 | 10 |
| | Multan | 000 | 0 | 0 | 36 | 03 | 98 | 03 | 1 | 203 | 45 | 0 | 0 | 9 | 0 | 6 | 38 | 45 | — | — | 0.0 | — | 2.7 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 58 | 05 | 0 | 197 | 47 | 0 | 0 | 9 | 0 | 0 | 16 | 41 | + 5 | 0 | 0.3 | 0.0 | 1.3 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 02 | 96 | 00 | 0 | 204 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 47 | — | + 6 | 0.0 | — 0.2 | 1.9 | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Peshawar | Chakdra | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 200 | 38 | 3 | 0 | 1 | 3 | 9 | 32 | 33 | — | — | 0.0 | — | 23.3 | — |
| | Peshawar | 000 | 0 | 5 | 00 | 02 | 96 | 04 | 2 | 204 | 43 | 1 | 0 | 9 | 3 | 1 | 35 | 41 | + 7 | + 1 | 0.5 | — 0.5 | 14.8 | 11 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 97 | 00 | 0 | 250 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | — | — | 0.9 | — | 23.9 | — |
| D. I. Khan | Bannu | 000 | 0 | 3 | 29 | 01 | 98 | 02 | 1 | 193 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | — | — | 0.5 | — | 5.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 197 | 47 | 0 | 0 | 9 | 0 | 0 | // | 43 | + 4 | + 4 | 0.8 | — 0.4 | 5.9 | 8 |
| Quetta | Sibi | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 0 | 221 | 47 | 0 | 2 | 9 | 0 | 2 | 57 | 46 | — | — | 0.0 | — | 0.2 | 8 |
| | Nokkundi | 000 | 0 | 0 | 23 | 02 | 96 | 03 | 1 | 185 | 55 | 2 | 0 | 9 | 4 | 0 | 31 | 54 | — | — | 0.0 | — | 0.3 | 8 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 161 | 60 | 0 | 0 | 9 | 0 | 0 | 48 | // | — | — | 0.0 | — | 0.2 | — |
| | Jiwani | 000 | 0 | 6 | 36 | 03 | 96 | 01 | 2 | 195 | 67 | 3 | 6 | 6 | 3 | 0 | 61 | 61 | — | — | 0.8 | — | 2.8 | 5 |
| | Pasni | 000 | 0 | 0 | 00 | 02 | 97 | 02 | 0 | 189 | 61 | 0 | 0 | 0 | 0 | 0 | 57 | // | + 3 | — | 0.0 | — 1.0 | 0.3 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 199 | 58 | 0 | 0 | 9 | 0 | 0 | 52 | // | — | — | 0.8 | — 0.7 | 0.6 | 6 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 194 | 62 | 0 | 6 | 9 | 0 | 0 | 44 | 61 | + 9 | + 4 | 0.0 | — 0.3 | 1.1 | 8 |
| | Karachi (Ariport) | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 193 | 56 | 0 | 0 | 9 | 0 | 0 | 41 | 54 | — | — | 0.0 | — | 1.5 | — |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 198 | 59 | 0 | 0 | 9 | 0 | 0 | 43 | 56 | + 1 | + 5 | 0.0 | — 0.1 | 0.3 | 9 |
| | Badin | 000 | 0 | 0 | 26 | 01 | 96 | 02 | 0 | 186 | 60 | 0 | 0 | 9 | 0 | 0 | 41 | 48 | + 5 | — | 0.0 | — 0.3 | 0.3 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 199 | 44 | 0 | 0 | 9 | 0 | 0 | 42 | 43 | — | — | 0.0 | — | 0.8 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 208 | 48 | 0 | 0 | 9 | 0 | 0 | 44 | 42 | — | — | 0.0 | — | 1.1 | 4 |
| | Sukkur | 000 | 9 | 0 | 31 | 02 | 95 | 05 | 4 | 201 | 51 | 0 | 0 | 9 | 0 | 0 | 47 | 48 | — | — | 0.0 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 1 | 36 | 12 | 98 | 01 | 0 | 196 | 53 | 0 | 0 | 9 | 0 | 3 | 40 | 51 | + 2 | + 6 | 0.1 | — 0.1 | 2.8 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Peshawar | Drosh * | | | | | | | | | | | | | | | | | | | | | | | 29 |
| | Cherat * | 000 | 0 | 0 | 31 | 05 | 98 | 08 | 0 | 534 | 49 | 0 | 0 | 9 | 0 | 0 | 27 | 49 | + 7 | + 10 | 0.6 | — 0.5 | 15.2 | — |
| | Kakul * | 000 | 0 | 5 | 36 | 02 | 97 | 01 | 2 | 526 | 48 | 3 | 0 | 9 | 4 | 4 | 44 | 45 | — | — | 1.0 | — | 31.9 | — |
| | Landikotal * | 000 | 4 | 31 | 05 | 00 | 98 | 00 | 0 | 608 | 40 | 4 | 3 | 9 | 0 | 0 | 14 | 33 | — | — | 0.7 | — | 13.6 | 19 |
| | Prachinar * | 000 | 0 | 7 | 34 | 02 | 98 | 02 | 2 | 580 | // | 3 | 5 | 6 | 7 | 0 | 32 | 43 | + 7 | + 13 | 0.6 | — | 22.1 | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 4 | 05 | 05 | 99 | 00 | 0 | 513 | 47 | 4 | 0 | 9 | 0 | 0 | 32 | 47 | — | 0 | 0.0 | — 0.7 | 1.9 | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 577 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 33 | — | — | 0.0 | — | 4.3 | 11 |
| Quetta | Fort Sandeman * | 000 | 0 | 1 | 00 | 02 | 97 | 01 | 2 | 538 | 41 | 0 | 0 | 9 | 1 | 0 | 29 | 38 | + 5 | + 8 | 0.0 | — 0.7 | 6.5 | — |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 18 | 25 | — | — | 0.2 | — | 6.4 | 9 |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Barkhan * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 507 | 43 | 0 | 0 | 9 | 0 | 0 | 11 | 37 | — | — | 0.0 | — | 0.9 | 14 |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 446 | 43 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | 0.0 | — 0.9 | 5.7 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 6 | 13 | 02 | 96 | 03 | 1 | 541 | 36 | 6 | 3 | 6 | 3 | 0 | 34 | 36 | — | — | 0.7 | — 0.7 | 3.7 | 8 |
| | Chaman * | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 11 | | | | | — |
| | Nushki * | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 582 | 56 | 0 | 0 | 9 | 0 | 3 | 31 | 54 | — | — | 0.3 | — | 27.8 | 6 |
| | Dalbandin * | 000 | 0 | 2 | 00 | 00 | 95 | 05 | 0 | 515 | 48 | 2 | 0 | 5 | 3 | 0 | 39 | 47 | + 10 | + 13 | 0.0 | — 0.7 | 0.6 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 2 | 549 | 36 | 1 | 0 | 9 | 0 | 0 | 31 | 37 | — | + 11 | 0.0 | — 1.2 | 2.1 | — |
| | Khuzdar * | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 8 | 530 | 43 | 1 | 5 | 6 | 5 | 8 | // | 42 | — | — | 0.2 | — | 3.5 | |
| | Panjgur * | ... | ... | ... | ... | ... | ... | — | — | — | .. | ... | ... | ... | ... | ... | ... | ... | + 5 | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 2nd JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$ 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 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Sagaruddha ... ... | 99 1 72 | 10 6 52 | 01 8 63 | 00 5 05 | 98 0 10 | 18 2 26 | 00 0 00 | 22 2 40 | | | 85 4 19 | | ... | |
| Flying ... ... | 99 1 99 | 10 6 36 | 01 0 63 | 10 4 08 | 98 0 20 | 17 3 25 | 11 3 00 | 13 1 01 | | | 00 0 21 | 12 4 50 | 20 06 00 | |
| Dwarka ... ... | 99 2 48 | 18 6 63 | 33 0 63 | 13 0 11 | 98 0 20 | 23 4 23 | 11 5 00 | 63 2 20 | | | 05 2 17 | ... | 20 2 02 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 128 10 | ... | 500 134 57 | 122 048 56 | 569 117 50 | 746 227 56 | 952 351 56 | 222 947 // | 403 635 // | 642 791 // | ... | ... | ... |
| Dacca ... | 00 00 | 015 170 59 | ... | 475 120 67 | 124 048 71 | 573 101 74 | 747 331 70 | 952 363 71 | 223 843 // | 402 671 // | 636 859 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 120 56 | ... | 475 060 16 | 057 031 // | 564 141 // | 729 251 // | 935 301 // | 219 401 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 003 118 56 | ... | 500 130 66 | 109 011 44 | 560 211 // | 729 315 // | 920 421 // | 397 801 // | ... | ... | ... | | |
| Peshawar ... | 00 00 | 975 076 47 | ... | 550 098 50 | 073 008 50 | 569 161 // | 733 271 // | 933 437 // | 916 561 // | ... | ... | ... | | |
| Quetta ... | 00 00 | 822 056 58 | ... | 102 034 | 564 101 // | 744 185 // | 753 /// // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 995 090 56 | ... | 570 040 50 | 044 054 56 | 560 205 // | 721 325 // | 919 431 // | 185 541 // | 367 611 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 990 190 58 | 800 094 80 | 680 105 50 | 350 285 50 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | ... | 800 104 70 | 600 016 58 | 350 [illegible] 71 | 250 774 45 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 084 | 600 065 | 350 245 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 335 11 | 330 09 | 330 09 | 340 13 | 300 13 | 330 47 | ... | ... | ... | 355 06 | 360 10 | 340 10 | 310 08 | 295 10 | 270 19 | 350 12 | 345 11 | 345 16 | 295 23 | 295 12 | 270 33 | 280 24 | 285 16 | 280 12 | ... | ... |
| Bogra ... | 300 04 | 300 05 | 305 06 | 325 08 | 290 23 | ... | ... | ... | ... | 360 11 | 360 10 | 015 08 | 290 08 | 290 10 | 295 15 | 330 06 | 355 07 | 355 06 | 015 07 | 300 10 | 305 19 | 285 30 | /// // | 285 37 | ... | ... |
| Chaklala ... | ... | 305 15 | 325 14 | 305 09 | 350 03 | 080 04 | 290 12 | 300 10 | 290 14 | ... | 290 04 | /// // | 260 09 | 280 04 | ... | ... | 335 01 | 295 01 | 285 07 | 250 08 | 190 06 | 195 17 | 205 18 | 250 27 | 273 09 | ... |
| Chhor ... | 050 06 | 060 08 | 070 08 | 085 01 | 075 09 | 190 04 | 265 12 | 270 27 | 290 29 | 115 11 | 120 07 | 120 04 | 240 09 | 250 07 | 250 12 | 150 13 | 190 09 | 200 05 | 235 03 | 280 12 | 295 04 | 240 25 | 260 12 | 265 12 | 255 13 | 260 38 |
| Chittagong ... | 230 08 | 230 03 | 030 03 | 295 03 | 265 07 | 180 17 | ... | ... | ... | 345 04 | 345 08 | 335 03 | 180 14 | 255 15 | 235 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 330 15 | 330 13 | 335 12 | 360 09 | 010 13 | 055 13 | ... | ... | ... | 010 01 | 005 09 | 010 07 | 180 01 | 295 06 | 290 12 | 350 05 | 345 02 | 290 01 | 190 07 | 185 01 | 295 10 | 285 17 | 250 14 | 295 29 | 275 14 | ... |
| Dacca ... | 305 08 | 335 05 | 015 06 | 320 17 | 275 16 | 250 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 350 04 | 025 05 | 025 04 | 325 04 | 270 07 | 280 09 | 285 15 | 285 29 | 265 71 | 270 16 | 245 15 |
| Dalbandin ... | ... | ... | 210 04 | 220 20 | 245 23 | 225 16 | ... | ... | ... | ... | ... | 230 04 | 225 10 | 245 10 | 245 10 | ... | ... | 255 02 | 250 15 | 255 14 | 275 18 | 245 28 | 245 13 | 265 36 | 265 13 | 265 52 |
| D. I. Khan ... | 215 07 | 235 05 | 265 01 | 100 02 | 305 02 | 300 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 04 | 125 06 | 090 05 | 085 03 | 050 05 | 315 10 | 255 29 | 250 33 | 250 31 | 260 32 | 260 42 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 235 03 | 225 07 | 166 11 | 235 21 | ... | ... | ... | ... | ... | 230 02 | 225 12 | 270 11 | ... | ... | ... | 235 03 | 220 07 | 275 11 | 250 27 | 240 36 | 245 35 | 250 51 | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 315 04 | 310 04 | 310 12 | 300 19 | 275 07 | 275 16 | ... | ... | ... | 355 13 | 350 11 | 360 12 | 310 12 | 305 13 | 310 15 | 335 03 | 335 03 | 015 05 | 325 08 | 300 18 | 305 21 | 290 12 | /// // | 290 18 | ... | ... |
| Jacobabad ... | 340 03 | 010 03 | 050 04 | 185 10 | 215 17 | 235 21 | 255 37 | 255 51 | ... | 330 06 | 305 04 | 235 04 | 165 02 | 140 03 | 230 50 | 325 02 | 310 02 | 239 07 | 255 14 | 260 11 | 255 19 | 250 11 | 250 41 | 250 12 | ... | ... |
| Jessore ... | 315 13 | 350 13 | 350 13 | 230 11 | 230 17 | ... | ... | ... | ... | 335 11 | 350 21 | 340 25 | 315 30 | 315 13 | 270 27 | 330 07 | 345 10 | 315 11 | 345 11 | 300 22 | 305 17 | 290 26 | 285 37 | 295 17 | 295 47 | ... |
| Jhelum ... | 305 04 | 310 12 | 310 12 | 315 12 | 285 06 | 270 06 | 250 14 | 270 13 | 265 14 | 330 04 | 290 11 | 290 13 | 320 19 | 140 08 | 250 06 | 330 04 | 325 13 | 315 12 | 270 59 | 205 06 | 170 10 | 215 10 | 225 21 | 245 29 | 255 35 | 215 19 |
| Jiwani ... | 130 08 | 140 10 | 140 09 | 220 06 | ... | ... | ... | ... | ... | 350 02 | 205 02 | 215 03 | ... | ... | ... | 340 05 | 285 04 | 255 04 | 290 03 | 255 09 | 260 12 | 265 24 | 265 35 | 260 34 | 265 26 | ... |
| Karachi ... | 060 01 | 050 09 | 075 08 | 100 05 | 205 03 | 155 06 | 080 09 | ... | ... | ... | ... | ... | ... | ... | ... | 095 06 | 040 02 | 330 02 | 250 04 | 260 07 | 255 12 | 275 23 | 250 37 | 255 32 | ... | ... |
| Khanpur ... | 025 06 | 030 16 | 030 60 | 155 07 | 025 13 | 250 13 | 275 13 | 245 24 | 240 21 | 140 03 | 150 03 | 155 03 | 155 05 | ... | ... | 205 12 | 210 18 | 215 01 | 220 22 | 340 04 | 230 39 | 250 39 | 250 10 | 250 38 | 240 41 | 245 84 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 175 04 | 185 05 | 230 14 | 095 06 | 040 02 | 330 02 | 250 04 | 260 07 | 255 12 | 275 23 | 250 37 | 255 32 | ... | ... |
| Lahore ... | 300 04 | 300 14 | 300 14 | 300 15 | 301 19 | 305 16 | 305 27 | 301 12 | 310 13 | 305 07 | 350 07 | 360 09 | 290 10 | 295 08 | 270 08 | 320 06 | 310 14 | 305 16 | 300 17 | 270 17 | 230 15 | 275 10 | 250 29 | 230 25 | 255 35 | 265 50 |
| Multan ... | 220 08 | 235 08 | 235 12 | 260 13 | 270 15 | 295 10 | 225 13 | 230 40 | 225 51 | 220 12 | 225 12 | 225 14 | 240 17 | 235 14 | 250 13 | 195 15 | 225 22 | 230 30 | 230 41 | 250 27 | 230 23 | 240 23 | 240 49 | 240 55 | 255 60 | 255 62 |
| Nawab Shah ... | 345 14 | 095 02 | 110 04 | 195 05 | 220 10 | 235 13 | 265 20 | ... | ... | 350 09 | 015 09 | 250 39 | 205 07 | 240 10 | 240 10 | 355 04 | 260 04 | 270 05 | 225 08 | 245 04 | 260 18 | 250 31 | 260 45 | 260 47 | ... | ... |
| Nokkundi ... | ... | ... | 165 05 | 180 10 | 250 25 | 235 18 | ... | ... | ... | ... | ... | 120 03 | 230 07 | 230 06 | 240 09 | ... | ... | 300 07 | 295 06 | 300 09 | 350 15 | 025 26 | 295 22 | 265 22 | ... | ... |
| Panjgur ... | ... | ... | ... | 215 11 | 240 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 320 06 | 310 07 | 320 06 | 325 04 | 285 03 | 290 19 | 265 13 | ... | ... | 310 04 | 270 02 | 215 06 | 230 12 | 230 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 180 08 | 215 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 175 06 | 240 15 | 235 38 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// // | 190 05 | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 12 | 275 11 | 270 08 | 290 03 | 290 05 | 270 09 | 260 04 | 265 05 | 290 05 | 225 06 | 220 05 | 235 15 | 250 28 | 260 27 | 260 31 | 270 33 | 270 47 |
| Skardu ... | ... | ... | ... | 225 02 | 285 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 345 02 | 015 04 | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 305 07 | 305 10 | 295 08 | 140 04 | 230 03 | 215 11 | ... | ... | ... | 070 10 | 070 09 | 055 21 | 250 06 | 235 08 | 275 16 | 085 01 | 110 05 | 110 09 | 030 06 | 240 04 | 260 11 | 280 29 | 280 12 | 270 54 | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | [illegible].4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 020 08 | 020 08 | 145 06 | 145 05 | 190 05 | 235 12 | 260 15 | 255 12 | 265 12 | 250 49 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

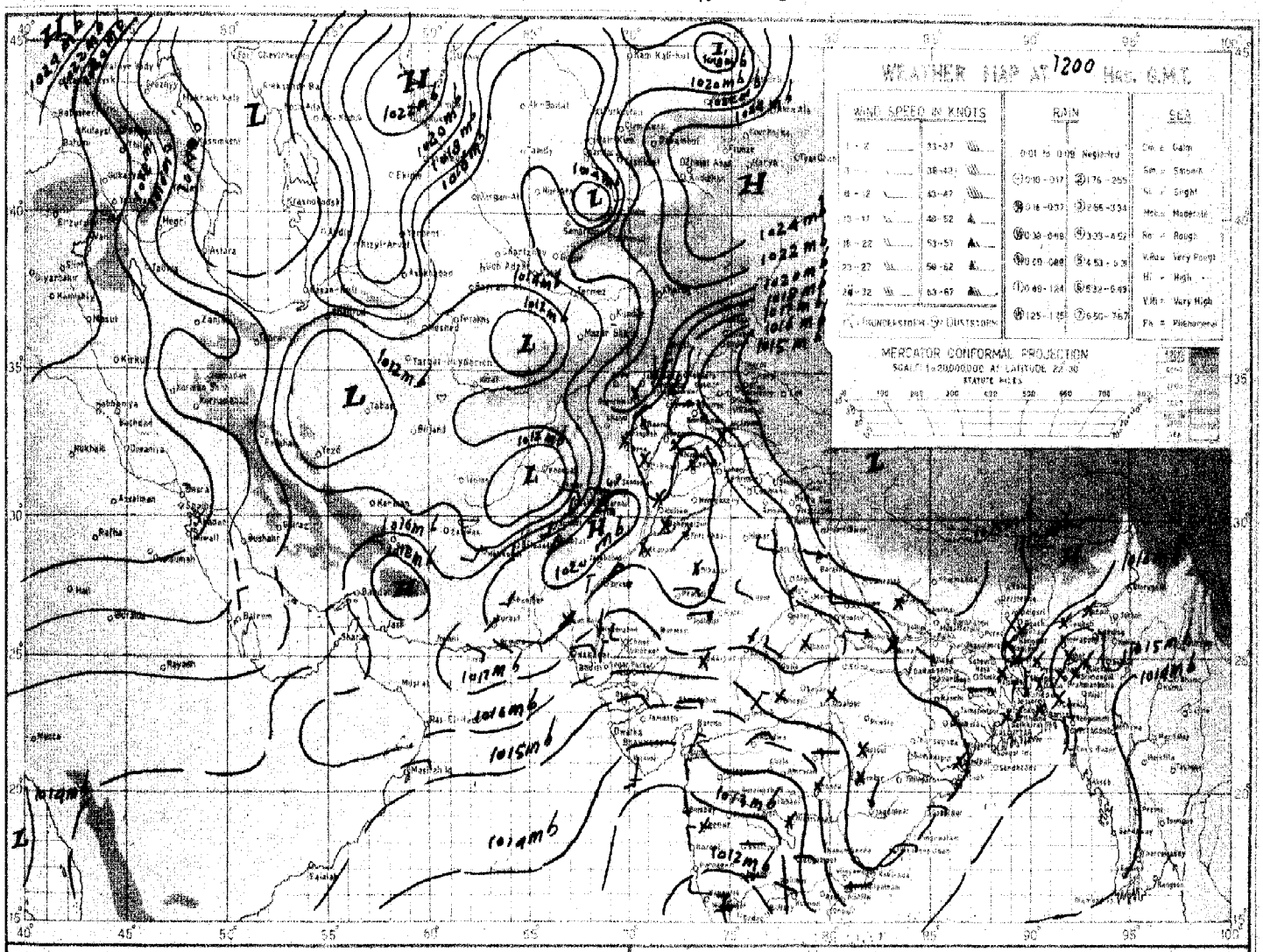
† The actual time of observations may vary within half an hour of the specified time.

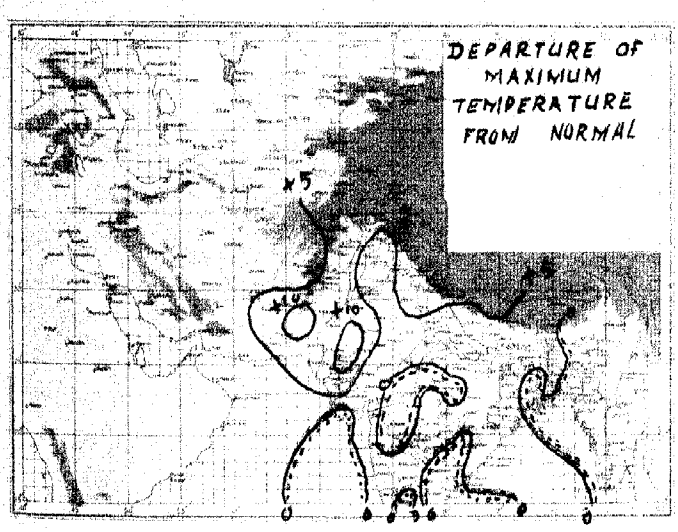
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

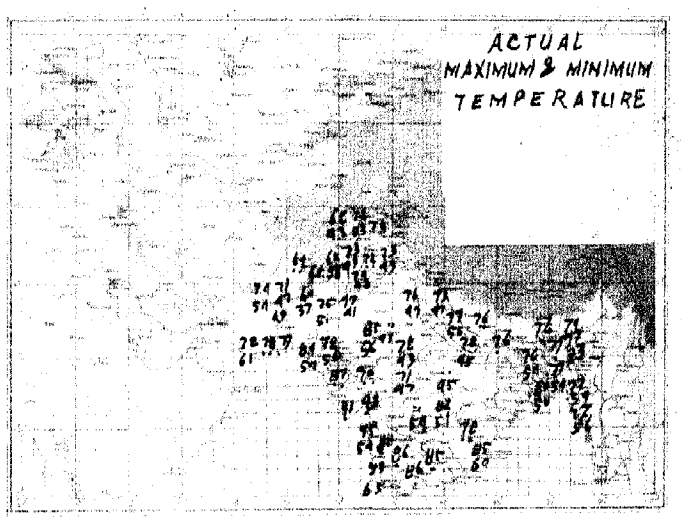
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre I Air Port, KARACHI—II

# PAKISTAN DAILY WEATHER MAP

THURSDAY 1st JANUARY, 1970




M.S. No. 1074 RWK 9-61-5000'63-5000'67

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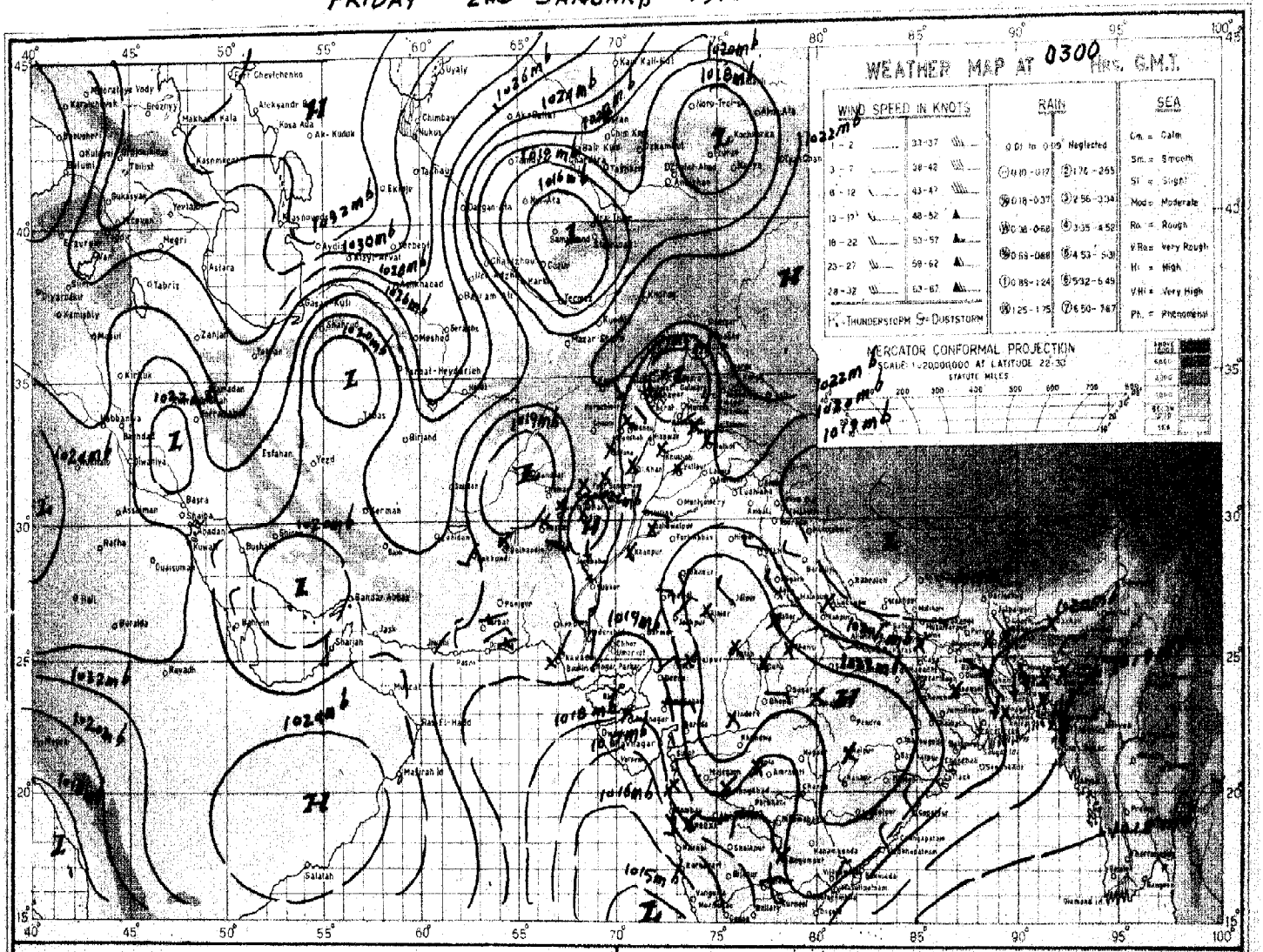
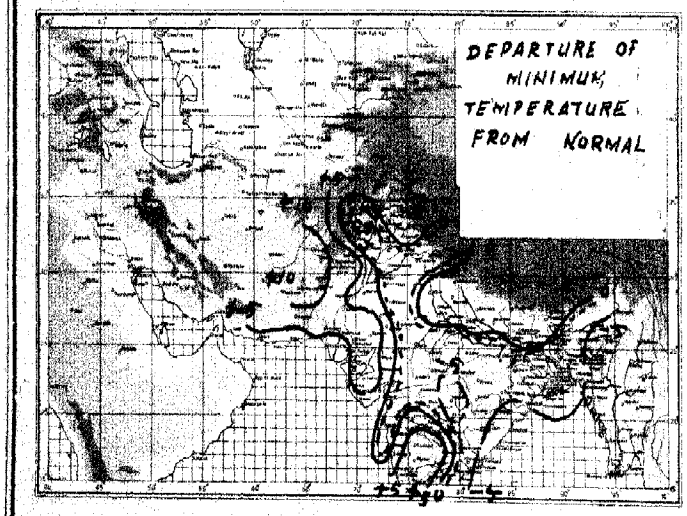
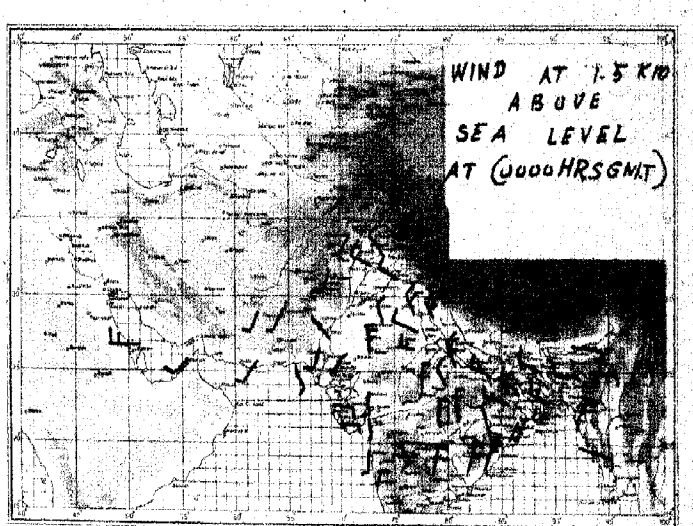
# PAKISTAN DAILY WEATHER MAP

FRIDAY 2ND JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SATURDAY THE 3rd JANUARY 1970.**

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

Yesterday's western disturbance over Peshawar division is moving away eastwards across Kashmir.
The secondary western disturbance over Quetta division now lies as a trough of low pressure area over D. I. Khan division and neighbourhood.
A few falls of light rain have occured in Peshawar division. Weather remained mainly dry elsewhere over the country.
Night temperatures were 7—10 °F (4—6 °C) above normal in Peshawar, Bahawalpur, Quetta and Khairpur division, 3—6 °F (2—3 °C) so in Chittagong, Lahore, Rawalpindi, Sargodha, Multan, Kalat, Karachi, Hyderabd divisions and to the same extent below normal in Khulna and D. I. Khan divisions.
**Forecast valid until the evening of 3rd January 1970 :**—A few falls of rain with snowfall over the hills likely in D. I. Khan, Peshawar, Rawalpindi division and Kashmir. Weather will remain mainly dry elsewhere over the country.

Karachi-11
The 3rd January, 1970.

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

(ZARIF AHMED)
for Director, Meteorological Service.

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 149 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 06 | // | 02 | 0 | 145 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Chittagong | 000 | 0 | 0 | 31 | 02 | // | 02 | 0 | 146 | 70 | 0 | 0 | 9 | 0 | 0 | 59 | 76 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 150 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 147 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 80 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 146 | 72 | 0 | 0 | 9 | 0 | 0 | 67 | 80 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 129 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 77 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | // | / | 155 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 79 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 160 | 70 | 0 | 0 | 9 | 0 | 0 | // | 77 |
| | Narayanganj | 000 | 0 | 0 | 08 | 00 | // | 00 | 0 | 153 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 152 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 161 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 158 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| | Jessore | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 157 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 156 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| | Sirajganj | 000 | 0 | 0 | 36 | 07 | // | 00 | 0 | 156 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Rajshahi | 000 | 0 | 0 | 27 | 02 | 99 | 02 | 0 | 160 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 76 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 146 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 151 | 67 | 0 | 0 | 9 | 0 | 0 | 55 | 77 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 146 | 67 | 0 | 0 | 9 | 0 | 0 | 51 | 76 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 00 | 00 | 95 | 03 | 1 | 174 | 72 | 0 | 0 | 9 | 0 | 5 | 47 | 74 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 140 | 56 | 0 | 0 | 9 | 0 | 0 | 43 | 70 |
| Rawalpindi | Jhelum | 008 | 0 | 5 | 23 | 05 | 96 | 03 | 0 | 168 | 67 | 0 | 0 | 9 | 0 | 2 | 43 | 72 |
| | Islamabad | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | /// | 67 | 2 | 3 | 7 | 2 | 1 | 32 | 67 |
| | Rawalpindi | 000 | 0 | 7 | 27 | 02 | 98 | 02 | 2 | 167 | 64 | 0 | 0 | 9 | 6 | 0 | 36 | 72 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 00 | 58 | 00 | 0 | 165 | 73 | 0 | 0 | 9 | 0 | 0 | 47 | 76 |
| | Sargodha | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | 164 | 70 | 0 | 0 | 9 | 0 | 2 | 58 | 76 |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 0 | 166 | 68 | 5 | 0 | 9 | 4 | 0 | 49 | 76 |
| Multan | Sahiwal | 000 | 0 | 2 | 18 | 03 | 97 | 02 | 0 | 160 | 76 | 0 | 0 | 9 | 0 | 1 | 38 | 78 |
| | Multan | 000 | 0 | 4 | 36 | 01 | 94 | 03 | 2 | 171 | 78 | 0 | 0 | 9 | 0 | 4 | 52 | 78 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 56 | 02 | 0 | 164 | 76 | 0 | 0 | 9 | 0 | 0 | 40 | 78 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 152 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 73 |
| Peshawar | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Peshawar | 000 | 0 | 7 | 00 | 00 | 95 | 04 | 2 | 171 | 64 | 2 | 5 | 7 | 3 | 1 | 47 | 68 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 174 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 73 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | // | // | / | 119 | 78 | 0 | 0 | 9 | 0 | 0 | 54 | 82 |
| | Nokkundi | 000 | 0 | 0 | 31 | 16 | 55 | 05 | 0 | 171 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 73 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 06 | 96 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 41 | // |
| | Jiwani | 000 | 0 | 2 | 27 | 09 | 96 | 02 | 0 | 178 | 77 | 2 | 5 | 6 | 0 | 0 | 61 | 79 |
| | Pasni | 000 | 0 | 0 | 26 | 06 | 97 | 02 | 0 | 168 | 82 | 0 | 0 | 0 | 0 | 0 | 65 | 83 |
| Karachi Division | Ormara | 000 | 0 | 0 | 27 | 05 | // | // | 1 | 171 | 79 | 0 | 0 | 9 | 0 | 0 | 5[illegible] | 80 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 166 | 76 | 0 | 0 | 9 | 0 | 0 | 59 | 83 |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 176 | 81 | 0 | 0 | 9 | 0 | 0 | 55 | 87 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 163 | 83 | 0 | 0 | 9 | 0 | 0 | 48 | 86 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 168 | 82 | 0 | 0 | 9 | 0 | 0 | 45 | 84 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 166 | 81 | 0 | 0 | 9 | 0 | 0 | 43 | 82 |
| Khairpur | Padidan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 162 | 76 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| | Nawabshah | 000 | 0 | 0 | 00 | 02 | 96 | 02 | 0 | 179 | 80 | 0 | 0 | 9 | 0 | 0 | 49 | 85 |
| | Sukkur | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 167 | // | 0 | 0 | 9 | 0 | 0 | 59 | 83 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 117 | 77 | 0 | 0 | 9 | 0 | 0 | 48 | 79 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh * | 000 | 0 | 7 | 09 | 07 | 97 | 02 | 2 | 559 | 50 | 3 | 0 | 9 | 3 | 1 | 43 | 50 |
| | Cherat * | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 525 | 56 | 4 | 4 | 7 | 7 | 0 | 32 | 64 |
| | Kakul * | 000 | 0 | 6 | 16 | 05 | 96 | 05 | 1 | 525 | 58 | 3 | 4 | 4 | 2 | 0 | 29 | 64 |
| | Landikotal * | 000 | 0 | 6 | 36 | 02 | 95 | 02 | 0 | 636 | 56 | 6 | 7 | 6 | / | / | 43 | 60 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 494 | 64 | 8 | 0 | 9 | 8 | 0 | 40 | 64 |
| | Wana * | 000 | 0 | 5 | 13 | 02 | 94 | 02 | 0 | 514 | 40 | F | 5 | 4 | / | / | 26 | 63 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 514 | 61 | 6 | 5 | 7 | 3 | 0 | 29 | 64 |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | /// | 53 | 8 | 2 | 5 | 0 | 0 | 28 | 55 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 521 | 61 | 0 | 0 | 9 | 0 | 0 | // | 68 |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 502 | 60 | 0 | 0 | 9 | 0 | 0 | // | 64 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 0 | 547 | 54 | 8 | 6 | 9 | 3 | 0 | 43 | 59 |
| | Chaman * | 000 | 0 | 0 | 18 | 03 | 94 | 00 | 0 | 540 | 58 | 0 | 0 | 9 | 0 | 0 | 44 | 44 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 5 | 580 | 66 | 3 | 4 | 5 | 0 | 4 | 34 | 70 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 537 | 69 | 5 | 3 | 7 | 6 | 9 | 38 | 72 |
| Kalat | Kalat * | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 2 | 515 | 50 | 0 | 0 | 9 | 8 | 0 | 44 | 54 |
| | Khuzdar * | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 522 | 64 | 3 | 4 | 6 | 0 | 0 | 31 | 76 |
| | 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 † We (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † 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: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 5 | 36 | 02 | 96 | 02 | 4 | 188 | 62 | 3 | 3 | 6 | 7 | 1 | 59 | 58 | — | — | 1.5 | — | 102.4 | — |
| Cox's Bazar | 000 | 0 | 0 | 05 | 06 | 55 | 05 | 0 | 171 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | — 1 | — 1 | 0.7 | — 3.5 | 91.9 | 40 |
| Chittagong | 000 | 0 | 0 | 00 | 00 | 56 | 05 | 0 | 185 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — 1 | — 1 | 1.2 | — 1.6 | 105.7 | 108 |
| Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 115 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 56 | 02 | 0 | 174 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | + 2 | + 6 | 0.5 | — 1.1 | 104.1 | 154 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 164 | 54 | 0 | 0 | 9 | 0 | 0 | 51 | // | — | — | 1.3 | — 0.1 | 55.1 | 78 |
| Sylhet | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 175 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | — | 1.5 | — | 149.7 | — |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 98 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 91 |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 156 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | — | — 2 | 1.3 | — 0.1 | 82.1 | 74 |
| Dacca (Tezgaon) | 000 | 0 | 0 | 31 | 02 | 56 | 05 | 0 | 183 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | + 3 | — | 1.3 | — | 65.9 | — |
| Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 71 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 4 | 181 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 50 | — | — 4 | 0.9 | — 0.9 | 65.1 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 190 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — | — 2 | 1.3 | 0.0 | 74.5 | 68 |
| Satkhira | 000 | 0 | 0 | 36 | 01 | 97 | 00 | 0 | 197 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 49 | — 2 | — | 0.2 | — 1.8 | 61.7 | 65 |
| Jessore | 000 | 0 | 0 | 32 | 02 | 96 | 05 | 0 | 187 | 59 | 0 | 0 | 9 | 0 | 0 | 49 | 45 | — | — | 1.1 | — 0.1 | 68.5 | 65 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 59 |
| Sirajganj | 000 | 0 | 3 | 06 | 01 | 58 | 00 | 0 | 183 | 56 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | + 2 | — 2 | 0.3 | — 0.5 | 56.5 | 64 |
| Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | — |
| Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 178 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | + 2 | — 2 | 1.3 | + 0.4 | 59.5 | 49 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 93 | 28 | 4 | 186 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 49 | + 2 | 0 | 1.5 | + 1.0 | 87.5 | 72 |
| Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 7 | 00 | 00 | 94 | 10 | 0 | 197 | 49 | 5 | 0 | 9 | 7 | 2 | 43 | 45 | + 4 | + 6 | 0.0 | — 0.6 | 17.9 | 19 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | | | | 32 |
| Jhelum | 000 | 0 | 6 | 00 | 00 | 94 | 10 | 1 | 197 | 47 | 1 | 0 | 9 | 3 | 6 | 40 | 43 | — | — | 0.1 | — | 31.2 | — |
| Islamabad | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | /// | 51 | 3 | 3 | 6 | 2 | 1 | 32 | 40 | | — | 0.0 | — | 20.8 | — |
| Rawalpindi | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 2 | 205 | 47 | 2 | 0 | 9 | 4 | 8 | 40 | 40 | + 8 | + 3 | 0.1 | — 1.5 | 33.5 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 0 | 216 | 60 | 0 | 0 | 9 | 3 | 2 | 35 | 43 | + 7 | + 2 | 0.0 | — 0.6 | 7.8 | 15 |
| Sargodha | 000 | 0 | 7 | 00 | 00 | 95 | 04 | 2 | 192 | 47 | 4 | 0 | 9 | 3 | 2 | 45 | 47 | — | — | 0.1 | — | 50.1 | — |
| Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 156 | 51 | 4 | 3 | 8 | 0 | 0 | 40 | 45 | + 7 | + 6 | 0.0 | — 0.3 | 7.6 | 12 |
| Sahiwal | 000 | 0 | 4 | 00 | 00 | 96 | 04 | 0 | 191 | 47 | 2 | 0 | 9 | 3 | 1 | 45 | 45 | + 4 | + 4 | 0.0 | — 0.3 | 11.3 | 10 |
| Multan | 000 | 0 | 0 | 00 | 00 | 92 | 02 | 1 | 192 | 45 | 0 | 0 | 9 | 0 | 3 | 43 | 41 | — | — | 0.0 | — | 2.7 | 7 |
| Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Khanpur | 000 | 0 | 2 | 00 | 00 | 55 | 05 | 0 | 191 | 45 | 1 | 0 | 9 | 3 | 1 | 43 | 45 | + 5 | + 4 | 0.2 | 0.0 | 1.3 | 6 |
| Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 200 | 45 | 0 | 0 | 9 | 0 | 1 | 40 | 49 | — | — | 0.0 | — 0.2 | 1.9 | 6 |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 58 | 00 | 0 | 188 | 56 | 0 | 0 | 9 | 0 | 0 | 30 | // | — | — | 0.0 | — | 0.8 | 8 |
| Chakdra | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 192 | 43 | 0 | 0 | 9 | 0 | 9 | 40 | 38 | — | — | 0.0 | — | 23.2 | — |
| Peshawar | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 203 | 50 | 2 | 0 | 9 | 1 | 2 | 40 | 49 | + 3 | + 9 | 0.5 | — 0.5 | 14.8 | 11 |
| Haripur | 000 | 0 | 5 | 05 | 03 | 97 | 03 | 2 | 208 | 51 | 5 | 0 | 9 | 3 | 0 | 39 | 45 | — | — | 0.9 | — | 23.9 | — |
| Bannu | 000 | 0 | 6 | 25 | 01 | 98 | 02 | 0 | 200 | 49 | 6 | 2 | 7 | 6 | 0 | 43 | 45 | — | — | 0.5 | — | 4.9 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 205 | 47 | 0 | 0 | 9 | 0 | 0 | 40 | 33 | + 4 | — 6 | 0.0 | — 0.4 | 5.9 | 9 |
| Sibi | 000 | 0 | 0 | 23 | 06 | 97 | 03 | 1 | 208 | 47 | 0 | 2 | 9 | 0 | 2 | 42 | 46 | — | — | 0.0 | — | 0.2 | 5 |
| Nokkundi | 000 | 0 | 2 | 05 | 06 | 96 | 01 | 0 | 271 | 43 | 2 | 5 | 6 | 0 | 0 | 24 | 41 | — | — | 0.0 | — | 0.3 | 1 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | /// | 60 | 0 | 0 | 9 | 0 | 0 | 28 | // | | — | 0.0 | — | 0.2 | — |
| Jiwani | 000 | 0 | 0 | 36 | 05 | 96 | 01 | 2 | 202 | 65 | 0 | 0 | 9 | 0 | 0 | 62 | 63 | — | — | 0.8 | — | 2.8 | 5 |
| Pasni | 000 | 0 | 0 | 05 | 10 | 97 | 02 | 0 | 196 | 69 | 0 | 0 | 0 | 0 | 0 | 48 | // | + 6 | — | 0.0 | — 1.1 | [illegible] | 6 |
| Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | /// | 63 | 0 | 0 | 9 | 0 | 0 | 61 | // | | — | 0.0 | — 0.8 | 0.6 | 6 |
| Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 190 | 61 | 0 | 0 | 9 | 0 | 0 | 54 | 61 | + 6 | + 4 | 0.0 | — 0.3 | 1.1 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 05 | 02 | 96 | 01 | 0 | 190 | 55 | 0 | 0 | 9 | 0 | 1 | 40 | 54 | — | — | 0.0 | — | 1.5 | — |
| Nagarparker | | | | | | | | | | | | | | | | | | | | | | | — |
| Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 191 | 46 | 0 | 0 | 9 | 0 | 0 | 29 | 45 | — | — | 0.0 | — | 0.3 | 7 |
| Hyderabad | 000 | 0 | 0 | 37 | 02 | 97 | 02 | 0 | 196 | 59 | 0 | 0 | 9 | 0 | 0 | 41 | 54 | + 7 | + 3 | 0.0 | — 0.2 | 0.3 | 9 |
| Badin | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 187 | 53 | 0 | 0 | 9 | 0 | 0 | 45 | 51 | + 5 | + 3 | 0.0 | — 0.3 | 0.3 | — |
| Padidan | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | 193 | 47 | 0 | 0 | 9 | 0 | 5 | 41 | 44 | — | — | 0.0 | — | 0.8 | — |
| Nawabshah | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 199 | 49 | 0 | 0 | 9 | 0 | 0 | 44 | 48 | — | — | 0.0 | — | 1.1 | — |
| Sukkur | 000 | 0 | 0 | 02 | 02 | 94 | 05 | 4 | 191 | 55 | 0 | 0 | 9 | 0 | 0 | 51 | 53 | — | — | 0.0 | — | 0.1 | 4 |
| Kashmore | | | | | | | | | | | | | | | | | | — | | | | | — |
| Jacobabad | 000 | 0 | 2 | 27 | 02 | 96 | 03 | 0 | 195 | 56 | 0 | 0 | 9 | 0 | 0 | 39 | 52 | + 4 | + 7 | 0.1 | — 0.1 | 2.8 | 4 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 20 |
| HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 24 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | — |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Murree * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + | | | | | 18 |
| Cherat * | 000 | 0 | 4 | 36 | 01 | 97 | 02 | 2 | 540 | 49 | 4 | 0 | 9 | 2 | 0 | 32 | 47 | + 3 | + 8 | 0.6 | — 1.5 | 15.2 | 29 |
| Kakul * | 000 | 0 | 6 | 36 | 02 | 97 | 01 | 2 | 533 | 49 | 2 | 5 | 6 | 4 | 4 | 26 | 47 | — | — | 1.8 | — | 33.9 | — |
| Landikotal * | 000 | 0 | 0 | 02 | 00 | 98 | 01 | 0 | 618 | 40 | 4 | 3 | 9 | 0 | 0 | 04 | 32 | — | — | 0.7 | — | 13.6 | — |
| Parachinar * | 004 | 0 | 1 | 00 | 02 | 98 | 01 | 0 | 549 | 35 | 1 | 0 | 9 | 4 | 0 | 29 | 33 | — | + 3 | 0.7 | — | 22.2 | 29 |
| Miranshah * | 000 | 0 | 4 | 05 | 05 | 97 | 02 | 0 | 539 | 56 | 4 | 0 | 9 | 1 | 6 | 40 | 50 | — | — | 0.0 | — 0.9 | 1.9 | 13 |
| Wana * | 000 | 0 | 0 | 09 | 03 | 99 | 00 | 5 | 542 | 37 | 0 | 0 | 9 | 0 | 0 | 35 | 32 | — | — | 0.0 | — | 4.3 | 11 |
| Fort Sandeman * | 000 | 0 | 3 | 00 | 00 | 97 | 00 | 2 | 539 | 41 | 2 | 5 | 7 | 1 | 0 | 31 | 40 | + 7 | + 10 | 0.0 | — 0.7 | 6.3 | 11 |
| Hindubagh * | 000 | 0 | 0 | 20 | 03 | 97 | 03 | 0 | /// | 33 | 0 | 0 | 9 | 0 | 0 | 25 | 21 | — | — | 0.2 | — | 6.4 | — |
| Loralai * | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Barkhan * | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 497 | 41 | 0 | 0 | 9 | 0 | 0 | // | 37 | — | — | 0.0 | — | 0.9 | — |
| Harnai * | 000 | 0 | 2 | 31 | 02 | 96 | 02 | 0 | 511 | 51 | 0 | 0 | 9 | 0 | 2 | 29 | 47 | — | — | 0.0 | — 0.9 | 5.7 | 14 |
| Samungli (Quetta) * | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 573 | 33 | 2 | 0 | 2 | 0 | 0 | 31 | 29 | — | — | 0.7 | — 1.7 | 3.7 | 9 |
| Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 579 | 42 | 0 | 0 | 9 | 0 | 0 | 37 | 44 | + 11 | + 9 | 0.0 | — 1.7 | 4.7 | 8 |
| Nushki * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 575 | 45 | 0 | 0 | 9 | 0 | 0 | 21 | 44 | — | — | 0.3 | — | 2.7 | — |
| Dalbandin * | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 559 | 43 | 0 | 0 | 9 | 0 | 0 | 23 | 39 | + 10 | + 5 | 0.0 | — 0.8 | 0.6 | 4 |
| Kalat * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 2 | 572 | 35 | 0 | 0 | 9 | 0 | 0 | 27 | 32 | + 4 | + 6 | 0.0 | — 1.2 | 2.1 | 7 |
| Khuzdar * | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 545 | 49 | 2 | 5 | 6 | 2 | 0 | 35 | 43 | — | — | 0.3 | — | 3.4 | — |
| Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 3rd JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | $VV_{ww}W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RRt_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Colledahli ... ... | 99 2 47 | 10 6 71 | 02 6 63 | 09 8 02 | 98 0 20 | 19 9 20 | 00 9 00 | 73 / / / | | | 07 / / 11 | 12 8 24 | 30 0 40 | |
| Hinsa ... ... | 99 2 51 | 10 6 00 | 02 0 63 | 29 9 02 | 58 0 20 | 21 5 75 | 31 4 00 | 74 2 22 | | | 05 2 64 | 17 6 82 | 30 0 00 | |
| Dwarka ... ... | 99 2 43 | 10 6 04 | 02 1 83 | 02 6 07 | 98 0 20 | 19 0 24 | 00 9 00 | 53 1 12 | | | 05 1 19 | ... | ... | |
| Hinsa | 99 2 61 | 10 5 68 | 021 1 83 | 02 3 08 | 98 0 20 | 19 6 73 | 00 0 00 | 72 4 10 | | | 05 2 60 | 17 5 22 | 30 2 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 128 26 | ... | 551 185 6 | 312 054 56 | 599 111 50 | 747 235 56 | 951 357 56 | 233 333 / / | 404 653 / / | ... | ... | ... | ... |
| Dacca ... | 00 00 | 017 190 58 | ... | 600 128 63 | 157 104 63 | 588 085 61 | 757 201 60 | 966 261 24 | 243 475 / / | 429 585 / / | 672 787 / / | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 115 06 | ... | 500 044 5 | 160 015 / / | 579 161 / / | 744 241 / / | 947 375 / / | 218 441 / / | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 002 078 40 | ... | 520 196 56 | 160 066 / / | 508 105 / / | 749 321 / / | ... | ... | ... | ... | ... | | |
| Peshawar ... | 00 00 | 977 009 04 | ... | 490 092 24 | 081 013 37 | 568 185 50 | 731 299 50 | ... | ... | ... | ... | ... | | |
| Quetta ... | 00 00 | 825 040 58 | ... | ... | 105 033 / / | 568 197 / / | 729 349 / / | 924 479 / / | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed ($P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$) | TROPOPAUSE $P_tT_tP_tT_tT_tT_{ta}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 130 57 | 800 185 61 | 600 013 56 | 350 299 56 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 130 60 | 800 148 63 | 600 030 59 | 350 265 58 | 250 391 / / | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 028 | 600 011 / / | 350 421 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | 325 09 | 320 10 | 315 08 | 290 06 | 285 13 | 285 21 | ... | ... | ... |
| Chaklala ... | ... | 250 06 | 255 07 | 260 03 | 840 01 | 175 06 | ... | ... | ... |
| Chhor ... | 275 05 | 305 04 | 340 03 | 330 03 | 315 01 | 255 05 | 265 22 | 255 47 | 265 3 |
| Chittagong ... | 325 07 | 340 05 | 020 05 | 185 06 | 225 06 | 260 17 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 320 12 | 320 12 | 320 09 | 325 04 | 345 05 | 335 06 | ... | ... | ... |
| Dacca ... | 295 10 | 225 05 | 315 07 | 300 05 | 305 08 | 290 11 | ... | ... | ... |
| Dalbandin ... | ... | ... | 350 10 | 295 07 | 260 07 | 310 11 | 335 19 | ... | ... |
| D. I. Khan ... | 150 03 | 100 04 | 105 05 | 105 03 | 330 04 | 275 10 | 290 12 | ... | ... |
| Drosh ... | ... | ... | ... | 210 04 | 820 10 | 130 04 | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 245 06 | 225 01 | 265 07 | 270 12 | ... | ... |
| Gilgit ... | | | | | | | ... | ... | ... |
| Ishurdi ... | 315 07 | 315 07 | 320 07 | 310 10 | 305 15 | 295 19 | ... | ... | ... |
| Jacobabad ... | 215 03 | 200 05 | 240 06 | 265 10 | 260 28 | 290 21 | 235 53 | 250 31 | 258 31 |
| Jessore ... | 315 03 | 330 05 | 330 16 | 365 10 | 310 28 | 300 21 | 265 53 | ... | ... |
| Jhelum ... | 265 01 | 285 08 | 290 07 | 300 09 | 275 08 | 180 09 | 215 56 | 245 23 | 255 27 |
| Jiwani ... | 265 06 | 285 06 | 300 07 | 335 12 | 220 14 | 285 14 | ... | ... | ... |
| Karachi ... | 265 13 | 265 10 | 285 04 | 010 06 | 025 07 | 260 15 | 250 32 | 245 35 | 255 27 |
| Khanpur ... | 220 15 | 230 23 | 230 23 | 240 28 | 250 37 | 250 51 | 250 51 | 240 20 | 250 06 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | | | |
| Lahore ... | 385 03 | 295 03 | 290 03 | 285 07 | 288 09 | 208 18 | 240 11 | 245 18 | 245 17 |
| Multan ... | 250 15 | 265 20 | 270 28 | 295 05 | 290 30 | 330 05 | 320 10 | 335 02 | ... |
| Nawab Shah ... | 200 02 | 255 02 | 260 08 | 270 09 | 270 11 | 250 16 | 240 30 | 240 34 | 235 43 |
| Nokkundi ... | ... | | 345 17 | 340 11 | 350 17 | ... | ... | ... | ... |
| Panjgur ... | ... | | | | | | ... | ... | ... |
| Peshawar ... | | 030 03 | 240 03 | 085 07 | 190 12 | 240 16 | ... | ... | ... |
| Parachinar ... | No | Ascent | ... | ... | ... | | ... | ... | ... |
| Quetta ... | ... | ... | | ... | 005 12 | 230 15 | 245 12 | ... | ... |
| Sargodha ... | 205 04 | 200 04 | 205 04 | 205 05 | 180 05 | 230 07 | 240 13 | 245 16 | 240 15 |
| Skardu ... | ... | | ... | 260 01 | 230 03 | ... | ... | ... | ... |
| Sylhet ... | 305 08 | 305 03 | 195 03 | 145 09 | 240 10 | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 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 | 5 | 26 | 27 |
| Barisal ... | 340 10 | 345 08 | 345 07 | 280 09 | 275 13 | 285 15 | 355 05 | 350 03 | 350 08 | 295 14 | 280 16 | 295 23 | 285 31 | 270 35 | 275 39 | 280 45 | 250 49 |
| Bogra ... | 340 13 | 340 01 | 015 04 | 255 05 | 260 13 | 300 28 | 340 07 | 368 17 | 360 06 | 335 04 | 185 17 | 300 23 | 280 36 | 280 26 | 270 35 | ... | ... |
| Chaklala ... | ... | 095 05 | 080 05 | 325 04 | 285 11 | 315 08 | ... | 230 04 | 305 06 | 290 18 | 255 09 | 270 14 | 185 04 | ... | ... | | ... |
| Chhor ... | 020 03 | 355 03 | 320 05 | 035 10 | 310 06 | 280 08 | 360 03 | 310 05 | 305 05 | 315 05 | 270 06 | 340 12 | 265 30 | 240 31 | 250 35 | 255 38 | 255 51 |
| Chittagong ... | 250 12 | ... | ... | ... | ... | ... | 035 02 | 165 03 | 185 06 | 210 03 | 255 10 | 260 23 | 265 37 | 255 40 | 265 44 | 255 71 | 255 78 |
| Cherat ... | ... | | | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 015 12 | 015 12 | 030 04 | 110 02 | 040 17 | 225 02 | | | | | | | | | | | |
| Dacca ... | 335 05 | 335 08 | 250 09 | 260 12 | 280 17 | ... | 335 03 | 335 04 | 335 06 | 295 10 | 275 15 | 220 12 | 275 40 | 275 39 | 280 40 | 270 61 | 270 70 |
| Dalbandin ... | ... | ... | 075 14 | 030 13 | 055 05 | 120 09 | | | 200 09 | 040 10 | 020 12 | 045 12 | 245 18 | 290 27 | 275 27 | 260 28 | 260 30 |
| D. I. Khan ... | 275 03 | 300 04 | 365 06 | 360 04 | 210 03 | 199 46 | 330 03 | 330 13 | 330 19 | 310 19 | 320 13 | 265 08 | 220 02 | 170 19 | 275 18 | 270 26 | 270 32 |
| Drosh ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 290 04 | 290 09 | 310 25 | ... | ... | ... | 295 05 | 255 09 | 300 17 | 309 29 | 305 43 | 315 51 | 315 68 | 295 78 |
| Gilgit ... | | | | | | | | | | | | | | | | | |
| Ishurdi ... | 290 15 | 305 28 | 285 31 | 280 11 | ... | ... | 355 07 | 323 07 | 330 07 | 280 13 | 295 19 | 285 22 | ... | ... | ... | ... | ... |
| Jacobabad ... | 310 04 | 295 04 | 280 04 | 270 08 | 260 11 | 240 15 | 345 13 | 345 10 | 307 15 | 330 08 | 285 08 | 315 07 | 270 21 | 245 37 | ... | ... | ... |
| Jessore ... | 340 12 | 340 08 | 340 08 | 305 14 | 300 13 | 300 14 | 325 04 | 330 03 | 330 07 | 295 16 | 290 17 | 325 18 | 300 24 | 280 27 | ... | ... | ... |
| Jhelum ... | 284 01 | 350 03 | 340 04 | 310 07 | 290 06 | 300 11 | 290 02 | 295 08 | 300 08 | 285 06 | 275 05 | 230 04 | 265 13 | 250 19 | 250 19 | ... | ... |
| Jiwani ... | 335 11 | 340 06 | 005 09 | 040 09 | 080 10 | ... | 050 10 | 050 17 | 050 19 | 075 11 | 115 03 | 335 07 | 285 23 | 295 33 | 290 40 | 270 53 | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | 325 06 | 335 08 | 340 12 | 335 05 | 035 02 | 245 05 | 245 15 | 250 15 | 255 17 | ... | ... |
| Khanpur ... | ... | ... | ... | | | | 345 09 | 345 14 | 335 15 | 340 06 | 310 03 | 226 05 | 290 25 | ... | ... | ... | ... |
| Khuzdar ... | | | | 305 03 | 320 09 | 330 12 | | | | | | | | | | | ... |
| Lahore ... | 305 02 | 295 03 | 270 03 | 270 06 | 270 08 | 265 12 | 250 01 | 260 02 | 270 17 | 285 06 | 310 14 | 305 09 | 280 12 | 275 12 | 180 12 | 265 12 | |
| Multan ... | 005 85 | 315 04 | 305 07 | 275 06 | 200 27 | 215 25 | 020 12 | 005 10 | 005 10 | 005 11 | 230 07 | 280 15 | 250 17 | 255 11 | 320 19 | 275 19 | 265 22 |
| Nawab Shah ... | 290 11 | 265 07 | 280 09 | 290 04 | 020 03 | 190 06 | 030 04 | 340 08 | 335 07 | 250 86 | 205 04 | 245 17 | 255 27 | 265 41 | 255 45 | ... | ... |
| Nokkundi ... | ... | ... | 340 15 | 345 12 | 350 15 | ... | ... | | ... | 130 04 | 055 06 | 220 06 | 230 06 | 290 21 | 270 17 | 215 12 | ... |
| Panjgur ... | ... | ... | | | | | ... | | | | | | | | | | |
| Peshawar ... | ... | 285 05 | 285 05 | 360 04 | 285 15 | 245 08 | ... | 060 02 | 320 03 | 310 06 | 335 02 | 345 06 | 256 20 | 250 90 | 245 13 | 245 17 | 250 63 |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | / / / / | 285 07 | 300 18 | 295 25 | 290 16 | | | ... |
| Sargodha ... | 090 04 | 300 01 | 245 01 | 300 04 | 280 08 | 275 11 | 260 01 | 310 01 | 320 02 | 295 05 | 250 10 | 260 10 | 265 17 | 760 20 | 210 41 | 255 38 | ... |
| Skardu ... | ... | ... | ... | 183 04 | 355 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 090 08 | 090 03 | 110 04 | 150 55 | 235 16 | 280 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 300 12 | 290 09 | 310 06 | 325 04 | 360 03 | 230 08 | 250 18 | 250 29 | 250 55 | 250 28 | 255 44 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

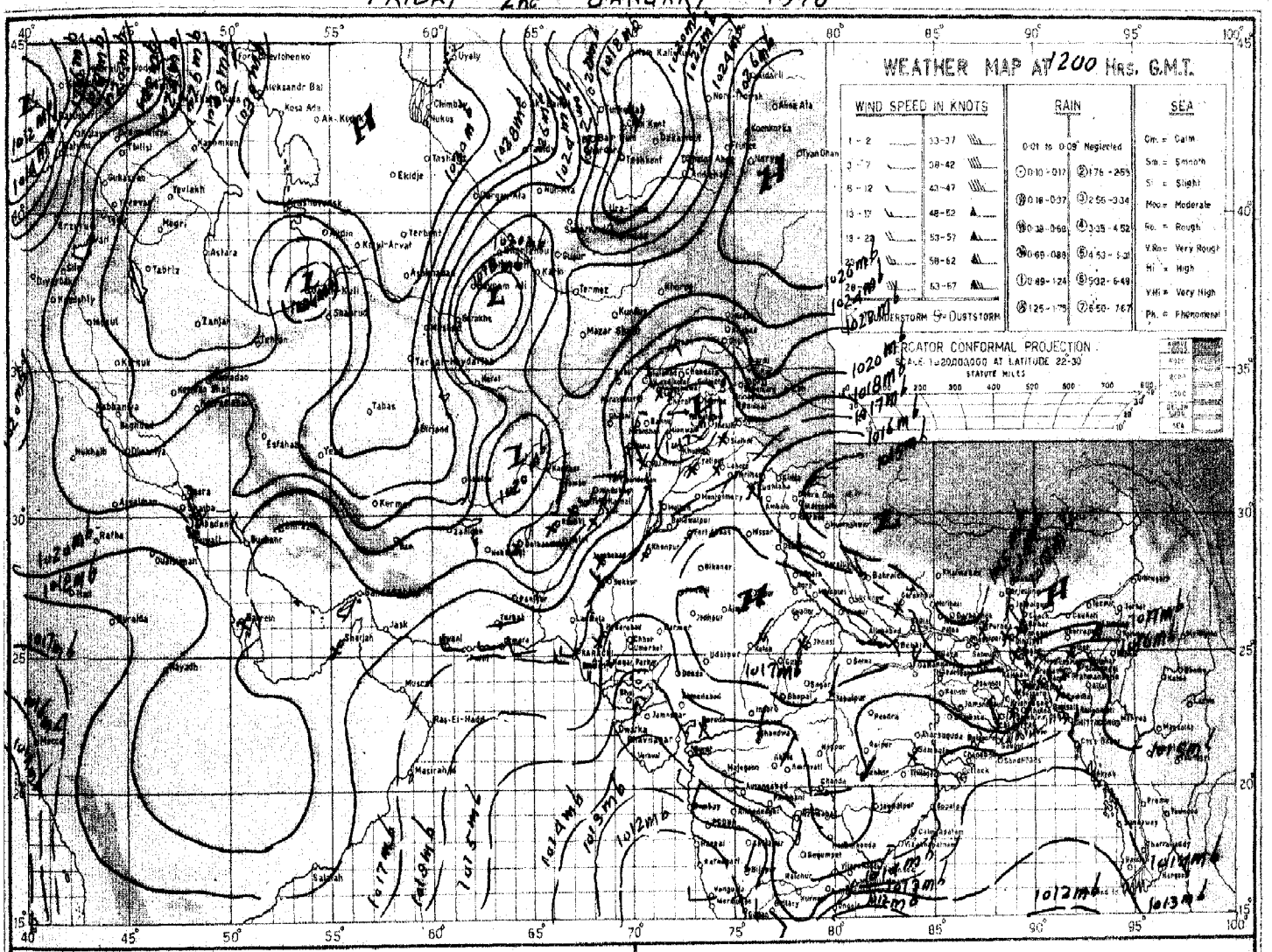
† The actual time of observations may vary within half an hour of the specified time.

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

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

# PAKISTAN DAILY WEATHER MAP

FRIDAY 2nd JANUARY 1970

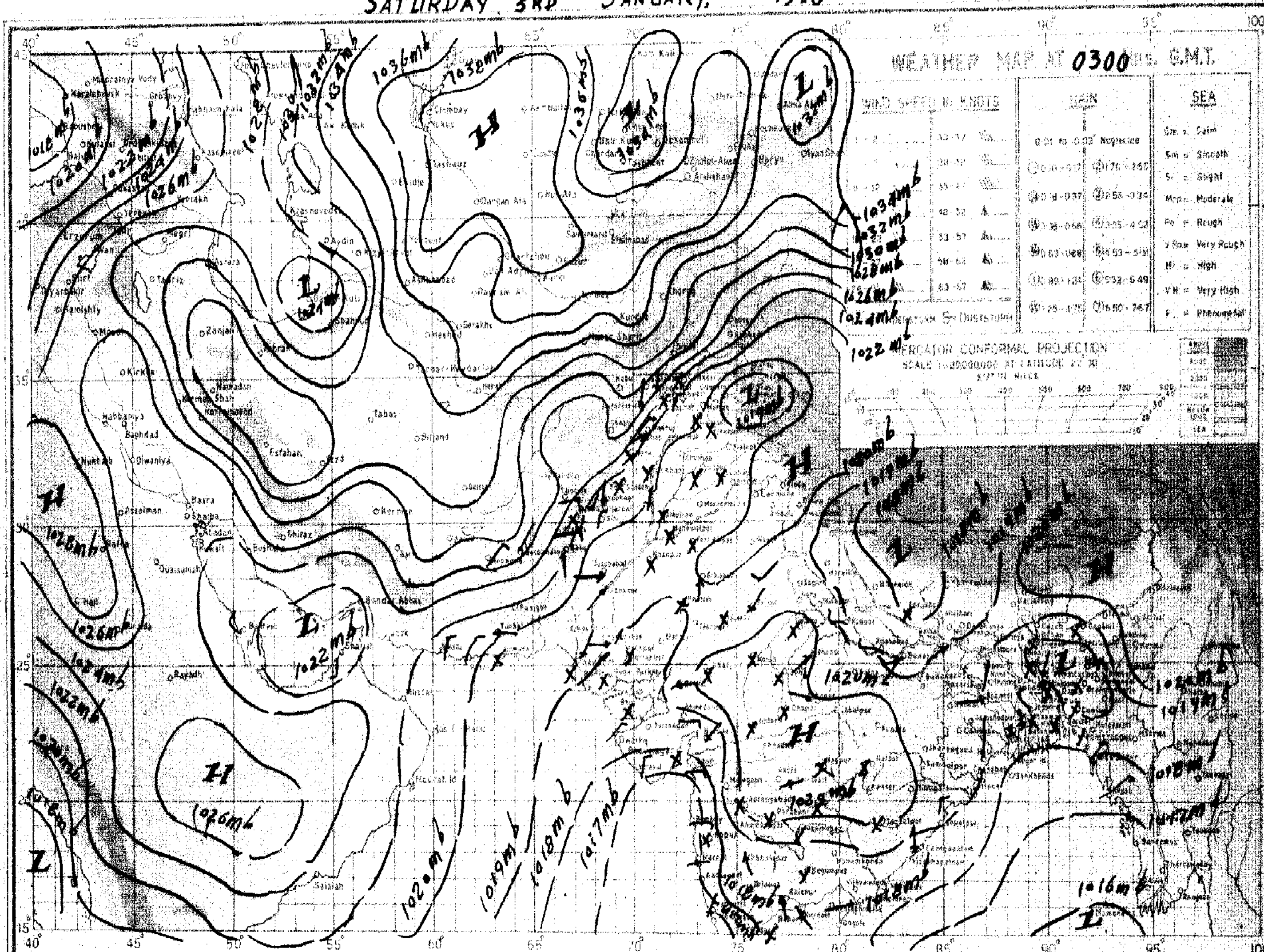


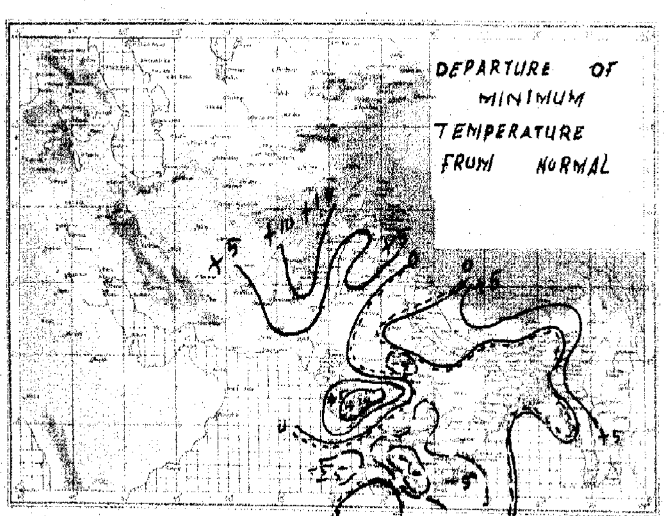

REG. No. 1024 RWK'D'61-5,000'63-5,000'67.

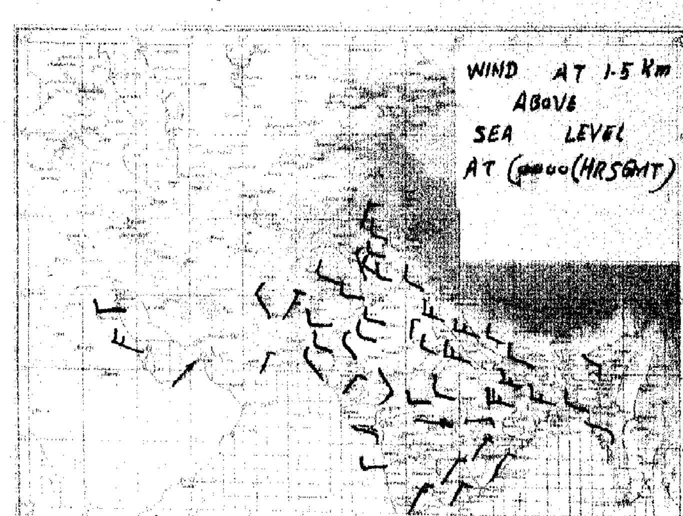
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SATURDAY 3RD JANUARY, 1970

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es 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SUNDAY THE 4th JANUARY 1970.**

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

Dry continental air prevails over the country.
Weather remained mainly dry over the country.
Night temperatures were 3—5 °F (2—3 °C) above normal in Dacca, Sargodha, Bahawalpur, Peshawar, Karachi, Hyderabad and Khairpur divisions and to the same extent below normal in Chittagong division.
**Forecast valid until the evening of 5th January 1970** :—Weather is likely to be mainly dry over the country.

arachi-11
he 4tn January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

| 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 † | Heights of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RRR | We | 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 |
| Rangamati | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 147 | 74 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Cox's Bazar | 000 | 0 | 0 | 34 | 06 | // | 02 | 0 | 126 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| Chittagong | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 130 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Meijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 130 | 72 | 0 | 0 | 9 | 0 | 0 | 72 | 77 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 131 | 75 | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 130 | 64 | 0 | 0 | 9 | 0 | 0 | 62 | 78 |
| Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 130 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 129 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 136 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 130 | 71 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 133 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Faridpur | 000 | 0 | 0 | 34 | 02 | 93 | 00 | 0 | 139 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 74 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 133 | 66 | 0 | 0 | 9 | 0 | 0 | 46 | 75 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 135 | 71 | 0 | 0 | 9 | 0 | 0 | 58 | // |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 134 | 64 | 0 | 0 | 9 | 0 | 0 | 52 | 75 |
| Jessore | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 136 | 68 | 0 | 0 | 9 | 0 | 0 | 52 | 75 |
| Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 133 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 145 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| Rajshahi | 000 | 0 | 0 | 27 | 00 | 94 | 02 | 0 | 142 | 66 | 0 | 0 | 9 | 0 | 0 | 54 | 75 |
| Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 132 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 136 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 75 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 143 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 75 |
| Jammu | 000 | 0 | 2 | 00 | 00 | 95 | 05 | 1 | 150 | 69 | 0 | 0 | 9 | 0 | 2 | 49 | 74 |
| Lahore (Jail Rd.) | | | | | | | | | | | | | | | | | |
| Sialkot | | | | | | | | | | | | | | | | | |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 145 | 58 | 0 | 0 | 9 | 0 | 0 | 46 | 75 |
| Islamabad | 000 | 0 | 0 | 00 | 02 | 96 | 00 | 0 | // | 62 | 0 | 0 | 9 | 0 | 0 | 32 | 62 |
| Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 151 | 64 | 0 | 0 | 9 | 0 | 0 | 34 | 74 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 162 | 72 | 0 | 0 | 9 | 0 | 0 | 64 | 75 |
| Sargodha | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 150 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 77 |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 155 | 69 | 0 | 0 | 9 | 0 | 0 | 45 | 77 |
| Sahiwal | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 149 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 75 |
| Multan | 000 | 0 | 6 | 36 | 02 | 94 | 03 | 2 | 173 | 79 | 0 | 0 | 9 | 0 | 6 | 50 | 79 |
| Lalah | | | | | | | | | | | | | | | | | |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 151 | 75 | 0 | 0 | 9 | 0 | 0 | 49 | 77 |
| Bahawalpur | 000 | 0 | 0 | 00 | 02 | 96 | 00 | 0 | 152 | 75 | 0 | 0 | 9 | 0 | 0 | 41 | 75 |
| Fort Abbas | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 157 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 74 |
| Chakdara | 000 | 0 | 1 | 23 | 02 | 97 | 01 | 1 | 122 | 66 | / | / | 7 | 0 | 0 | // | 68 |
| Peshawar | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 145 | 69 | 1 | 1 | 6 | 3 | 0 | 45 | 62 |
| Haripur | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 119 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 69 |
| Bannu | 000 | 0 | 0 | 13 | 01 | 99 | 00 | 1 | 142 | 69 | 0 | 0 | 9 | 0 | 0 | 40 | 74 |
| D. I. Khan | 000 | 0 | 0 | 00 | 02 | 97 | 00 | 0 | 154 | 77 | 0 | 0 | 9 | 0 | 0 | 50 | 75 |
| Sibi | 000 | 0 | 3 | 36 | 08 | 96 | 03 | 0 | 164 | 79 | 1 | 0 | 9 | 2 | 0 | 38 | 81 |
| Nokkundi | 000 | 0 | 0 | 10 | 02 | 97 | 02 | 0 | 195 | 65 | 0 | 0 | 9 | 0 | 0 | 29 | 70 |
| Turbat | 000 | 0 | 0 | 05 | 02 | 96 | 00 | 0 | // | 80 | 0 | 0 | 9 | 0 | 0 | 25 | 83 |
| Jiwani | 000 | 0 | 3 | 31 | 09 | 96 | 02 | 0 | 170 | 81 | 0 | 0 | 9 | 0 | 0 | 39 | 83 |
| Pasni | 000 | 0 | 0 | 11 | 03 | 97 | 02 | 0 | 176 | 82 | 0 | 0 | 9 | 0 | 0 | 68 | 85 |
| Ormara | 000 | 0 | 0 | 12 | 07 | // | // | / | 168 | 80 | 1 | 0 | 9 | 0 | 0 | 68 | 85 |
| Lasbela | | | | | | | | | | | | | | | | | |
| Karachi (Mauripur) | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 152 | 77 | 0 | 0 | 9 | 0 | 0 | 67 | 80 |
| Karachi (Airport) | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 157 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 87 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 171 | 84 | 0 | 0 | 0 | 0 | 0 | 84 | 84 |
| Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 156 | 8 | 0 | 0 | 9 | 0 | 0 | 43 | 88 |
| Hyderabad | 000 | 0 | 0 | 34 | 02 | 97 | 03 | 0 | 163 | 77 | 1 | 0 | 9 | 3 | 0 | 16 | 82 |
| Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 153 | 85 | 0 | 0 | 9 | 0 | 0 | 44 | 88 |
| Padidan | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 157 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 05 | 1 | 164 | 78 | 0 | 0 | 9 | 0 | 7 | 54 | 80 |
| Sukkur | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 154 | 78 | 0 | 0 | 9 | 0 | 0 | 43 | 80 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 150 | 79 | 0 | 0 | 9 | 0 | 0 | 31 | 91 |
| Veraval | | | | | | | | | | | | | | | | | |
| **MILL STATIONS** | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 8 | 23 | 03 | 95 | 60 | 1 | 500 | 54 | 6 | 5 | 6 | 2 | 0 | 22 | 60 |
| Chitral | | | | | | | | | | | | | | | | | |
| Kalat | 000 | 0 | 0 | 12 | 07 | 96 | 05 | 0 | 512 | 56 | 0 | 0 | 9 | 0 | 0 | 32 | 63 |
| Landikotal | 000 | 0 | 4 | 05 | 05 | 98 | 03 | 4 | 628 | 58 | 0 | 0 | 9 | 0 | 0 | 46 | 60 |
| Peshinar | 000 | 0 | 1 | 23 | 09 | 99 | 03 | 0 | 517 | 49 | 1 | 2 | 7 | 1 | 0 | 09 | 56 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 535 | 53 | 0 | 0 | 9 | 0 | 0 | 38 | 64 |
| Wana | 000 | 0 | 0 | 13 | 01 | 99 | 00 | 0 | 532 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 60 |
| Fort Sandeman | 000 | 0 | 0 | 31 | 03 | 98 | 02 | 0 | 514 | 59 | 0 | 0 | 9 | 0 | 0 | 25 | 61 |
| Hindubagh | 000 | 0 | 0 | 23 | 09 | 97 | 00 | 0 | // | 52 | 0 | 0 | 9 | 0 | 0 | 23 | 56 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 501 | 63 | 0 | 0 | 9 | 0 | 0 | 45 | 64 |
| Sanjungi (Quetta) | 000 | 0 | 0 | 31 | 10 | 96 | 02 | 0 | 548 | 56 | 0 | 0 | 9 | 0 | 0 | // | 52 |
| Chaman | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 567 | 53 | 0 | 0 | 9 | 0 | 0 | // | 54 |
| Nushki | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 601 | 58 | 0 | 0 | 9 | 0 | 0 | 27 | 65 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 574 | 61 | 0 | 0 | 9 | 0 | 0 | 09 | 64 |
| Kalat | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 550 | 46 | 0 | 0 | 9 | 0 | 0 | 42 | 54 |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 522 | 64 | 0 | 0 | 9 | | 0 | 31 | 67 |
| Panjgur | | | | | | | | | | | | | | | | | |

| STATIONS | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Heights of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RRR | We | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TxTa | TxTx | TnTa | | | | |
| 1 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Rangamati | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cox's Bazar | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Chittagong | 162 | 63 | 0 | 0 | 9 | 0 | 0 | 58 | 53 | — | 0 | — | 2 | 1.2 | — 1.6 | 000.0 | 198 |
| Meijdee Court | 121 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 53 | — | 1 | — | 4 | 0.4 | — 1.5 | 000.0 | 115 |
| Comilla | 159 | 61 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | + 2 | — | — | — | — | — | — | 194 |
| Brahmanbaria | 161 | 68 | 0 | 0 | 9 | 0 | 0 | 62 | 54 | — | — | — | — | 1.3 | — 0.1 | 00.0 | 78 |
| Sylhet | 156 | 66 | 0 | 0 | 9 | 0 | 0 | 57 | 52 | — | — | — | — | 1.5 | — | 000.0 | — |
| Srimangal | — | — | — | — | — | — | — | — | — | — | 3 | | | | | | 98 |
| Mymensingh | 172 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | + 1 | — | — | 3 | 0.3 | — 0.7 | 00.0 | 91 |
| Narayanganj | 166 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 59 | + 3 | + 1 | + 3 | 1 | 1.3 | + 0.1 | 00.0 | 74 |
| Dacca (Tejgaon) | 162 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | — | — | — | — | — | — | — | — |
| Faridpur | 160 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — 1 | — | + 2 | 1 | 1.6 | + 0.3 | 00.0 | 71 |
| Barisal | 160 | 62 | 2 | 4 | 5 | 0 | 0 | 56 | 50 | — 2 | — | — 4 | 1 | 0.9 | — 0.9 | 00.0 | 81 |
| Khulna | 197 | 71 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | — | — | + 4 | 1 | 1.3 | 0.0 | 00.0 | 68 |
| Satkhira | 168 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 50 | — 4 | — | — 1 | 1 | 0.1 | — 1.7 | 00.0 | 65 |
| Jessore | 163 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 47 | — | — | — | — | 1.1 | — 0.1 | 00.0 | 68 |
| Pabna | 162 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — | — | — | 1.0 | — | 00.0 | — |
| Sirajganj | 181 | 60 | 2 | 0 | 7 | 0 | 0 | 52 | 54 | + 2 | + | + 1 | 1 | 0.3 | — 0.4 | 00.0 | 59 |
| Rajshahi | 166 | 59 | 0 | 0 | 9 | 2 | 0 | 54 | 50 | — 0 | — | — 2 | 1 | 2.9 | + 2.3 | 00.0 | 64 |
| Bogra | 164 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 52 | + 2 | — | — 1 | 1 | 1.3 | — 0.4 | 00.0 | — |
| Dinajpur | 162 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 50 | — 0 | + | — 1 | 1 | 0.9 | + 0.3 | 00.0 | 69 |
| Rangpur | 186 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 49 | — 0 | — | — 0 | 1 | 1.5 | + 1.0 | 00.0 | 72 |
| Jammu | 169 | 45 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | + 4 | + | + 2 | 1 | 0.0 | — 0.7 | 00.0 | 84 |
| Lahore (Jail Rd.) | | | | | | | | | | | | | | | | | — |
| Sialkot | | | | | | | | | | | | | | | | | — |
| Jhelum | 173 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | — | — | — | — | 0.1 | — | 00.0 | — |
| Islamabad | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Rawalpindi | 187 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | + 10 | — | + 1 | 1 | 0.2 | — 1.5 | 00.0 | 38 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 177 | 44 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | — | — | — | 0 | 0.0 | — 0.6 | 0.0 | — |
| Sargodha | 170 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 43 | + 6 | — | — | — | 0.1 | — | — | 18 |
| Lyallpur | 171 | 46 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | + 8 | + | + 6 | 1 | 0.0 | — 0.4 | 0.0 | 12 |
| Sahiwal | 173 | 43 | 0 | 0 | 9 | 0 | 0 | 36 | 40 | + 6 | — | — | 1 | 0.0 | — 0.2 | 00.0 | 18 |
| Multan | 159 | 45 | 0 | 0 | 9 | 0 | 4 | 40 | 40 | — | — | — | — | 0.0 | — | 0.0 | 7 |
| Lalah | | | | | | | | | | | | | | | | | 8 |
| Khanpur | 168 | 45 | 1 | 0 | 9 | 3 | 1 | 41 | 40 | + 4 | — | — | 1 | 0.3 | — | 0.0 | 6 |
| Bahawalpur | 180 | 56 | 0 | 0 | 9 | 0 | 0 | 27 | 47 | + 5 | + | + 6 | 1 | 0.0 | — 0.2 | 0.0 | 6 |
| Fort Abbas | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 8 |
| Chakdara | 164 | 38 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — | — | — | — | 0.0 | — | 00.0 | — |
| Peshawar | 133 | 45 | 0 | 0 | 9 | 0 | 0 | 24 | 45 | + 7 | — | + 5 | 0 | 0.5 | — 0.5 | 00.0 | 11 |
| Haripur | 208 | 52 | 5 | 0 | 9 | 3 | 0 | 38 | 45 | — | — | — | — | — | — | 00.0 | — |
| Bannu | 181 | 43 | 0 | 0 | 7 | 0 | 0 | 33 | 42 | — | — | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | 194 | 54 | 0 | 0 | 9 | 0 | 0 | 27 | 47 | + 6 | — | + 8 | 1 | 0.0 | — 0.4 | 0.0 | 9 |
| Sibi | 208 | 46 | 4 | 2 | 9 | 4 | 2 | 46 | 45 | — | — | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | 235 | 50 | 5 | 5 | 1 | 0 | 0 | 25 | 42 | — | — | — | — | 0.0 | — | 0.0 | 3 |
| Turbat | // | 68 | 0 | 0 | 9 | 0 | 0 | 14 | // | — | — | — | — | 0.0 | — | 0.0 | — |
| Jiwani | 185 | 60 | 0 | 0 | 9 | 0 | 0 | 32 | 59 | — | — | — | — | 0.0 | — | 0.0 | 3 |
| Pasni | 172 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 21 | + 10 | — | — | — | 0.0 | — 1.1 | 0.0 | 6 |
| Ormara | 158 | 66 | 1 | 0 | 7 | 3 | 0 | // | // | — | — | — | — | — | — | — | — |
| Lasbela | | | | | | | | | | — | — | — | — | — | — | — | 6 |
| Karachi (Mauripur) | 162 | 63 | 0 | 0 | 9 | 0 | 0 | 51 | 62 | + 4 | — | + 5 | 0 | 0.0 | — 0.3 | 0.0 | 8 |
| Karachi (Airport) | 172 | 58 | 0 | 0 | 9 | 0 | 0 | 46 | 51 | — | — | — | — | 0.0 | — | 0.0 | 8 |
| Nagarparkar | 204 | 65 | 0 | 0 | 0 | 0 | 0 | 69 | 65 | — | — | — | — | 0.0 | — | 0.0 | — |
| Chhor | 163 | 69 | 0 | 0 | 9 | 0 | 1 | 40 | 44 | — | — | — | — | 0.0 | — | 0.0 | — |
| Hyderabad | 173 | 55 | 1 | 0 | 9 | 3 | 1 | 47 | 54 | + 5 | + | + 3 | 0 | 0.0 | — 0.1 | 0.0 | 7 |
| Badin | 185 | 53 | 0 | 0 | 9 | 0 | 0 | 45 | 51 | + 11 | + | + 3 | 0 | 0.0 | — 0.4 | 0.0 | 9 |
| Padidan | 176 | 45 | 0 | 0 | 9 | 0 | 5 | 43 | 44 | — | — | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 180 | 47 | 2 | 0 | 9 | 3 | 0 | 42 | // | — | — | — | — | 0.0 | — | 0.0 | — |
| Sukkur | 174 | 52 | 4 | 0 | 9 | 6 | 0 | 38 | 52 | — | — | — | — | 0.0 | — | 0.0 | 4 |
| Kashmore | | | | | | | | | | | | | | | | | — |
| Jacobabad | 166 | 54 | 1 | 0 | 9 | 0 | 3 | 22 | 54 | + 8 | + | + 9 | 0 | 0.1 | — 0.1 | 0.0 | 4 |
| Veraval | | | | | | | | | | | | | | | | | 20 |
| **MILL STATIONS** | | | | | | | | | | | | | | | | | 36 |
| Srinagar | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | 26 |
| Dras | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | — |
| Gilgit | | | | | | | | | | | | | | | | | 5 |
| Murree | | | | | | | | | | | | | | | | | 59 |
| Drosh | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 10 |
| Chitral | 000 | 0 | 1 | 16 | 10 | 98 | 00 | 0 | 508 | 44 | 0 | 0 | 9 | 0 | 0 | 39 | 42 |
| Kalat | 000 | 0 | 0 | 03 | 02 | 98 | 02 | 0 | 507 | 43 | 0 | 0 | 9 | 0 | 0 | 18 | 40 |
| Landikotal | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 602 | 32 | 0 | 0 | 9 | 0 | 0 | 24 | 32 |
| Peshinar | 000 | 0 | 0 | 02 | 03 | // | 02 | 0 | 512 | 34 | 0 | 0 | 9 | 0 | 0 | 28 | // |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 549 | 47 | 0 | 0 | 9 | 0 | 0 | 32 | 41 |
| Wana | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fort Sandeman | 000 | 0 | 0 | 07 | 02 | 98 | 02 | 0 | 509 | 34 | 0 | 0 | 9 | 0 | 0 | 09 | 31 |
| Hindubagh | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | // | 30 | 0 | 0 | 9 | 0 | 0 | 18 | 25 |
| Loralai | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Barkhan | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 485 | 46 | 0 | 0 | 8 | 0 | 2 | // | 42 |
| Sanjungi (Quetta) | 000 | 0 | 0 | 31 | 03 | 96 | 03 | 0 | 552 | 20 | 2 | 0 | 9 | 2 | 0 | 17 | 18 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 528 | 60 | 0 | 0 | 9 | 0 | 0 | 22 | 42 |
| Nushki | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 583 | 41 | 0 | 0 | 9 | 0 | 0 | 11 | 40 |
| Dalbandin | 000 | 0 | 5 | 00 | 00 | 95 | 05 | 0 | 519 | 35 | / | / | / | / | / | // | // |
| Kalat | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 554 | 29 | 0 | 0 | 9 | 0 | 0 | 24 | 25 |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 512 | 44 | / | / | / | / | / | 40 | 42 |
| 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 is 0300G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day
When over 999 in given RRR see the remarks above for the actual amount of rainfall

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 4th JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RRt_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 010 138 17 | ... | 540 160 56 | 153 088 57 | 584 131 80 | 752 235 77 | 959 379 56 | 228 395 // | 408 553 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 013 150 50 | ... | 408 064 56 | 074 062 57 | 573 135 68 | 739 263 66 | 946 435 38 | 212 538 // | 394 625 // | 635 773 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 011 140 34 | ... | 450 054 08 | 017 065 // | 553 271 // | 711 371 // | 905 365 // | 167 578 // | 347 621 // | 594 661 // | ... | ... | ... |
| Multan ... | 00 00 | 002 078 40 | ... | 520 196 56 | 160 064 // | 508 105 // | 749 321 // | ... | ... | | ... | ... | | |
| Peshawar ... | 00 00 | 974 104 65 | ... | 450 056 | 017 051 // | 559 195 // | 722 288 // | 922 472 // | 192 471 // | 378 521 // | 636 521 // | ... | | |
| Quetta ... | | | | | | | | | | | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 993 076 56 | ... | 440 070 57 | 039 011 55 | 562 201 // | 725 285 // | 927 375 // | 199 491 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 154 58 | 830 134 50 | 350 313 57 | ... | ... | ... | ... | — | ... | ... | — | — |
| Dacca ... | 00 00 | 900 160 62 | 830 108 62 | 600 029 66 | 350 545 63 | ... | | ... | ... | ... | ... | — | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | — | — | — | ... | — | — | ... | ... | ... | — |
| Multan ... | 00 00 | ... | ... | ... | — | ... | ... | ... | — | ... | — | ... | ... |
| Peshawar ... | 00 00 | ... | — | — | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | — | ... | — | ... | ... | — |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | ... | ... | ... | ... | ... | ... | — | — | ... |
| Bogra | 315 07 | 325 06 | 335 07 | 300 08 | 300 16 | 295 21 | ... | ... | ... |
| Chaklala | ... | 270 07 | 265 05 | 235 06 | 235 05 | 275 15 | 260 21 | 270 19 | 265 13 |
| Chhor | 255 02 | 335 02 | 045 04 | 369 04 | 275 13 | 265 12 | 255 22 | 355 27 | 255 31 |
| Chittagong | 350 03 | 020 04 | 190 12 | 290 09 | — | .. | — | ... | .. |
| Cherat | ... | ... | ... | — | ... | ... | — | — | ... |
| Cox's Bazar | 315 07 | 330 04 | 330 02 | 105 06 | 100 05 | 015 06 | — | ... | ... |
| Dacca | 305 04 | 340 05 | 340 03 | 325 07 | 295 17 | 295 22 | ... | ... | .. |
| Dalbandin | ... | — | 075 09 | 065 10 | 010 13 | 340 14 | 325 18 | 300 21 | 300 21 |
| D. I. Khan | 205 03 | 315 04 | 320 05 | 265 06 | 305 12 | 305 16 | 295 25 | 285 28 | 275 25 |
| Drosh | — | — | ... | 065 01 | 030 04 | 065 11 | ... | ... | ... |
| Fort Sandeman | - | - | ... | 300 07 | 285 12 | 295 18 | 305 32 | 290 30 | 300 35 |
| Gilgit | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Ishurdi | 350 05 | 345 07 | 310 08 | 330 10 | 340 07 | — | ... | ... | .. |
| Jacobabad | 335 14 | 330 17 | 315 16 | 335 10 | 280 11 | 290 17 | 320 21 | 325 25 | 275 26 |
| Jessore | 340 06 | 330 06 | 330 07 | 335 09 | 300 23 | 295 23 | — | ... | ... |
| Jhelum | 210 05 | 290 06 | 290 06 | 295 06 | 265 05 | 290 09 | 260 22 | 265 54 | 265 50 |
| Jiwani | 065 05 | 035 07 | 035 09 | 020 11 | 025 13 | 310 11 | 280 22 | 285 27 | 280 24 |
| Karachi | 210 05 | 310 04 | 340 05 | 345 06 | 305 08 | 285 17 | 275 21 | 275 41 | 270 49 |
| Khanpur | 025 06 | 015 08 | 005 09 | 320 12 | 325 11 | 330 18 | 290 24 | 305 35 | 300 31 |
| Khuzdar | ... | ... | ... | ... | ... | — | — | ... | ... |
| Lahore | 340 02 | 320 02 | 330 03 | 320 07 | 285 09 | 280 11 | 290 21 | 285 16 | 290 18 |
| Multan | 055 04 | 030 08 | 030 11 | 330 10 | 295 13 | 305 19 | 290 23 | 295 25 | 290 26 |
| Nawab Shah | 300 51 | 320 01 | 362 12 | 325 06 | 305 05 | 315 31 | 295 23 | ... | ... |
| Nokkundi | ... | | 185 03 | 140 02 | 045 01 | 320 07 | 305 15 | 300 19 | 280 21 |
| Panjgur | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Peshawar | . | 025 03 | 335 03 | 335 05 | 325 06 | 310 06 | 255 18 | 280 28 | 270 24 |
| Parachinar | — | ... | ... | 280 13 | 250 13 | 285 42 | 285 31 | 275 49 | 254 11 |
| Quetta | ... | | | ... | 310 08 | 300 17 | 315 20 | 295 25 | 290 33 |
| Sargodha | 260 02 | 203 01 | 340 01 | 320 04 | 285 11 | 280 15 | 280 14 | 275 26 | 275 27 |
| Skardu | No | Ascent | | ... | ... | ... | ... | ... | ... |
| Sylhet | 190 03 | 170 03 | 282 77 | 070 03 | ... | - | ... | — | ... |
| Veraval | ... | ... | .. | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 340 10 | 340 07 | 320 06 | 320 08 | 320 17 | 302 11 |
| Bogra | 350 05 | 325 01 | 325 01 | 010 09 | 305 18 | 360 01 |
| Chaklala | | 335 08 | 325 10 | 305 12 | 290 12 | 310 05 |
| Chhor | 015 05 | 010 11 | 350 08 | 315 06 | 345 05 | 345 12 |
| Chittagong | ... | — | — | ... | ... | ... |
| Cherat | ... | ... | | ... | ... | ... |
| Cox's Bazar | 010 09 | 360 01 | 360 11 | 155 07 | 170 06 | – |
| Dacca | ... | — | ... | | ... | ... |
| Dalbandin | — | ... | 055 08 | 055 14 | 040 12 | 020 16 |
| D. I. Khan | 040 03 | 035 01 | 005 10 | 275 01 | 250 03 | 255 01 |
| Drosh | ... | — | ... | 170 01 | 002 11 | 030 07 |
| Fort Sandeman | ... | ... | ... | 210 02 | 315 13 | ... |
| Gilgit | ... | ... | | ... | ... | ... |
| Ishurdi | 340 04 | 310 03 | 310 02 | 309 10 | 305 19 | 280 10 |
| Jacobabad | 325 19 | 320 19 | 290 16 | 315 20 | 320 19 | 315 17 |
| Jessore | 340 05 | 340 04 | 330 04 | 320 13 | 315 21 | 310 23 |
| Jhelum | 315 06 | 345 15 | 345 22 | 335 12 | 075 06 | 355 02 |
| Jiwani | 025 07 | 020 07 | 355 08 | 335 08 | 025 10 | 290 09 |
| Karachi | | ... | | ... | ... | ... |
| Khanpur | 040 06 | 040 05 | 035 04 | 310 10 | 305 15 | 305 15 |
| Khuzdar | 230 09 | 350 18 | 305 15 | 315 06 | 280 25 | 350 20 |
| Lahore | 340 02 | 330 04 | 335 02 | 335 08 | 310 08 | 315 06 |
| Multan | 335 03 | 325 02 | 320 05 | 060 06 | 310 05 | 295 10 |
| Nawab Shah | 050 09 | 050 05 | 335 02 | 305 06 | 315 08 | 330 11 |
| Nokkundi | — | ... | 080 06 | 300 05 | 240 01 | ... |
| Panjgur | — | | | ... | | ... |
| Peshawar | ... | 220 06 | 240 07 | 250 09 | 250 13 | 300 19 |
| Parachinar | .. | ... | ... | ... | ... | ... |
| Quetta | ... | | ... | ... | ... | ... |
| Sargodha | 300 07 | 300 08 | 335 07 | 005 06 | 270 11 | 300 09 |
| Skardu | ... | ... | ... | ... | ... | |
| Sylhet | 085 06 | 075 03 | 110 05 | 105 04 | 340 10 | 250 07 |
| Veraval | ... | ... | ... | — | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 010 04 | 290 13 | 270 28 | 290 13 | 300 12 | 270 28 | 255 20 | 255 42 | 230 25 | ... | ... |
| Bogra | 030 04 | 015 03 | 015 02 | 295 07 | 285 22 | 280 27 | 260 24 | .. | 270 27 | ... | ... |
| Chaklala | ... | 295 03 | 315 07 | 330 09 | 300 23 | 300 22 | 290 29 | 290 31 | ... | ... | ... |
| Chhor | ... | | | | ... | | ... | ... | ... | ... | ... |
| Chittagong | 330 04 | 215 04 | 215 05 | 220 06 | 295 11 | 260 16 | 250 27 | 250 35 | 245 40 | 230 78 | ... |
| Cherat | | | ... | | ... | ... | ... | ... | ... | | ... |
| Cox's Bazar | 330 04 | 215 04 | 215 05 | 220 06 | 260 23 | 260 16 | 245 20 | 250 35 | 250 27 | 250 78 | ... |
| Dacca | 005 05 | 010 06 | 330 06 | 295 04 | 285 18 | 270 16 | 265 31 | 265 38 | 270 48 | 260 53 | 265 85 |
| Dalbandin | ... | — | 075 07 | 010 14 | 015 07 | 325 14 | 270 11 | | — | ... | ... |
| D. I. Khan | 315 03 | 305 19 | 295 13 | 230 13 | 260 09 | 290 02 | 250 07 | 300 14 | 250 23 | 290 29 | 305 37 |
| Drosh | — | ... | — | ... | — | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | — | ... | - | 240 06 | 250 06 | 300 08 | 315 23 | 330 29 | 340 28 | 290 36 | 280 44 |
| Gilgit | ... | — | - | 355 01 | 225 01 | 065 06 | 185 07 | 230 09 | 260 14 | .. | ... |
| Ishurdi | 330 05 | 325 03 | 290 04 | 305 06 | 320 07 | 325 12 | 295 25 | 295 51 | 300 70 | 300 71 | ... |
| Jacobabad | 335 04 | 325 05 | 335 07 | 215 04 | 210 44 | 255 07 | — | ... | ... | — | ... |
| Jessore | 320 05 | 340 04 | 330 07 | 320 13 | 215 18 | 280 23 | 275 29 | 260 31 | 275 14 | 270 51 | ... |
| Jhelum | 315 06 | 300 14 | 295 16 | 290 10 | 310 19 | 285 12 | 285 33 | 285 -1 | 290 55 | 285 70 | 285 73 |
| Jiwani | 030 10 | 355 12 | 330 11 | 345 12 | 025 11 | 295 10 | 275 18 | 270 32 | 280 40 | 290 59 | 175 66 |
| Karachi | 315 01 | 200 02 | 235 02 | 355 03 | 360 05 | 010 05 | 290 06 | 280 37 | 275 18 | 285 51 | 280 47 |
| Khanpur | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 285 06 | /// // | 315 07 | 275 17 | /// // | 280 26 | ... | ... |
| Lahore | ... | — | ... | ... | ... | ... | — | ... | ... | ... | |
| Multan | 035 07 | 030 08 | 040 03 | 040 09 | 060 10 | 130 13 | 200 17 | 295 13 | 295 20 | 295 09 | 300 47 |
| Nawab Shah | 320 04 | 235 03 | 050 05 | 253 09 | 355 05 | 315 11 | 295 23 | 270 29 | 270 21 | ... | ... |
| Nokkundi | ... | - | 150 03 | 040 08 | 350 03 | 280 07 | 265 25 | 270 07 | 270 10 | ... | ... |
| Panjgur | ... | | ... | ... | ... | ... | | ... | ... | | ... |
| Peshawar | ... | 350 07 | 325 07 | 305 13 | 300 26 | 310 20 | 305 27 | 305 40 | 305 47 | 300 52 | 275 64 |
| Parachinar | ... | ... | — | 320 17 | 150 06 | 305 51 | 320 17 | 235 47 | 310 44 | 275 62 | 275 62 |
| Quetta | ... | ... | | ... | 335 07 | 335 19 | 345 09 | 360 19 | 010 28 | ... | ... |
| Sargodha | 295 06 | 040 06 | 070 04 | 240 02 | 305 06 | 290 02 | 280 24 | 275 01 | 285 55 | ... | ... |
| Skardu | ... | ... | ... | 355 01 | 175 01 | 065 06 | 299 01 | 230 09 | 280 31 | 291 24 | ... |
| Sylhet | 011 02 | 145 01 | 185 01 | 255 07 | 260 10 | 255 28 | 270 21 | ... | ... | ... | ... |
| Veraval | | ... | ... | ... | ... | — | — | ... | ... | — | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 280 06 | 280 06 | 280 06 | 280 05 | 035 06 | 055 07 | 320 12 | 285 27 | 280 41 | 255 50 | 265 54 | .. | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

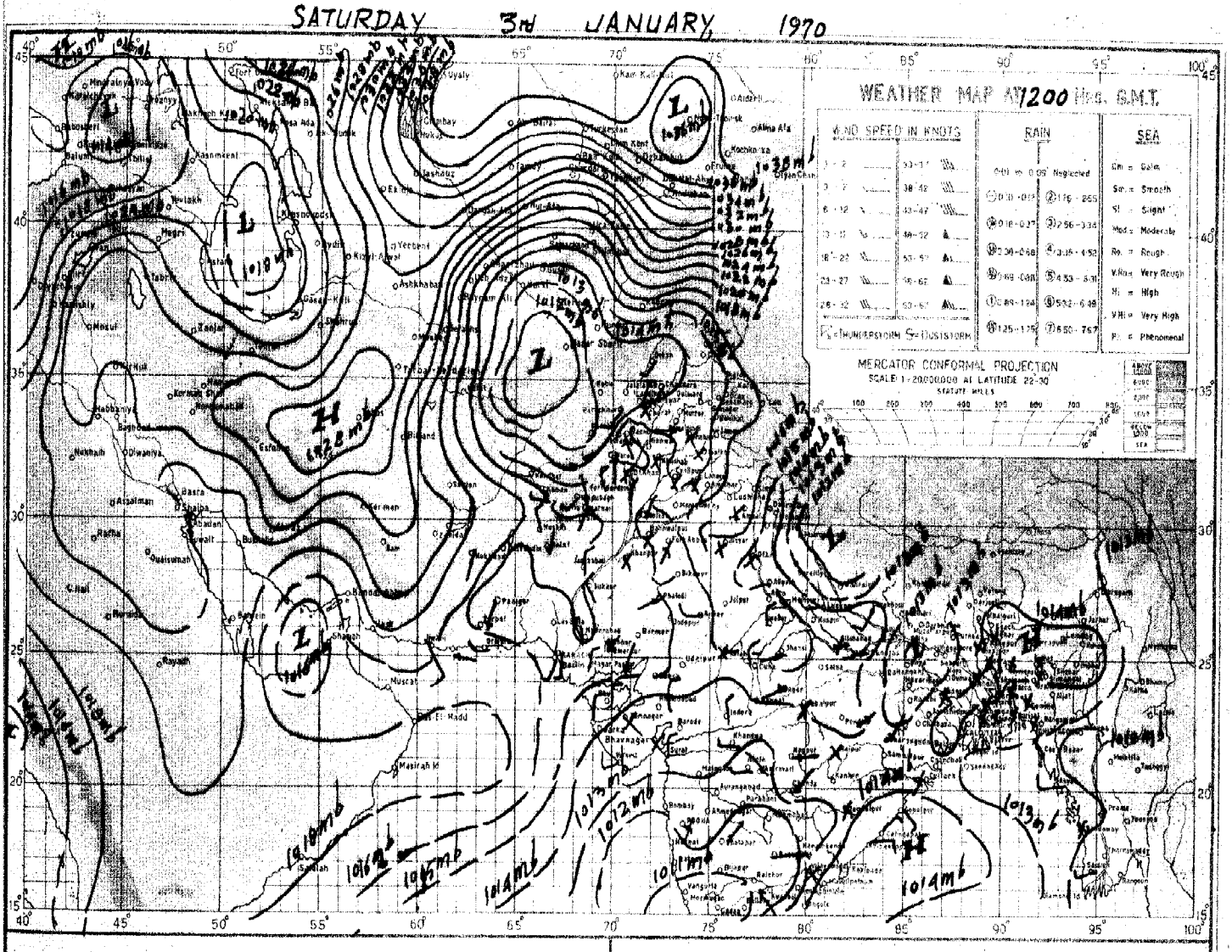
† The actual time of observations may vary within half an hour of the specified time.

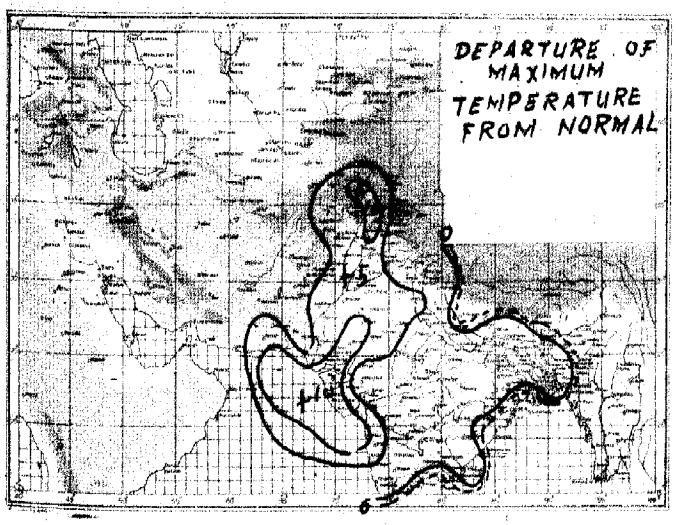
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

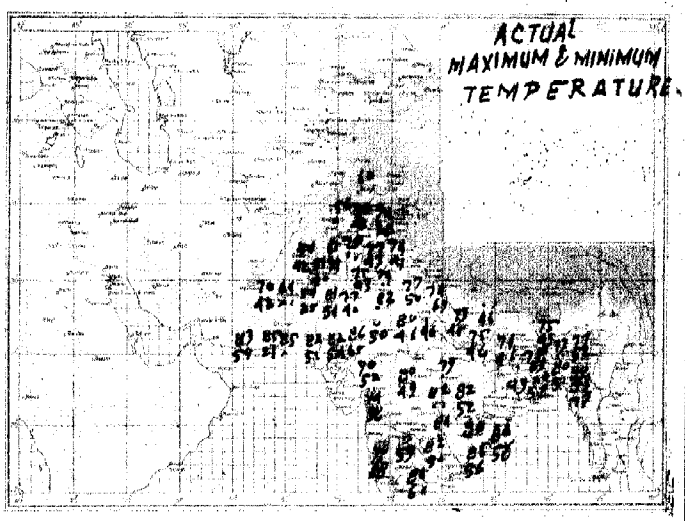
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port, KARACHI—11)

# PAKISTAN DAILY WEATHER MAP

SATURDAY 3rd JANUARY 1970



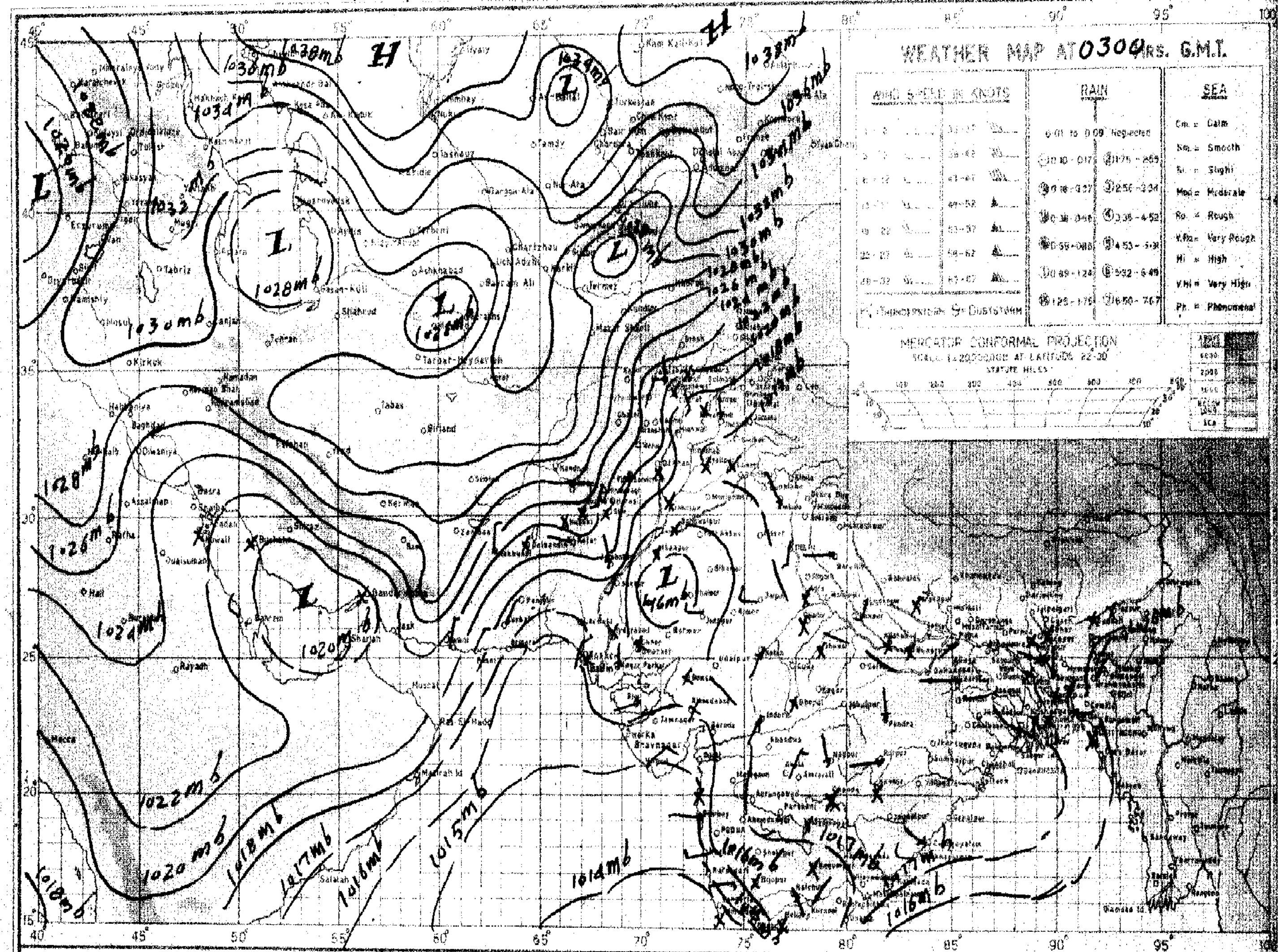



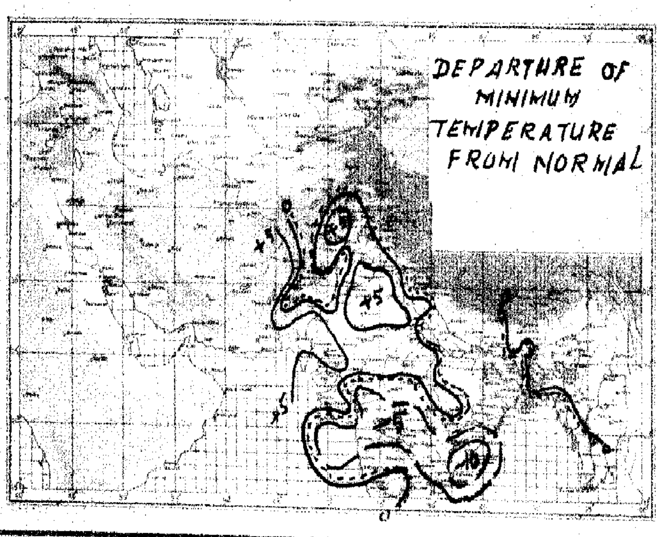

RSG. No. 024 RWXD'61-3000'63-5.10'67.

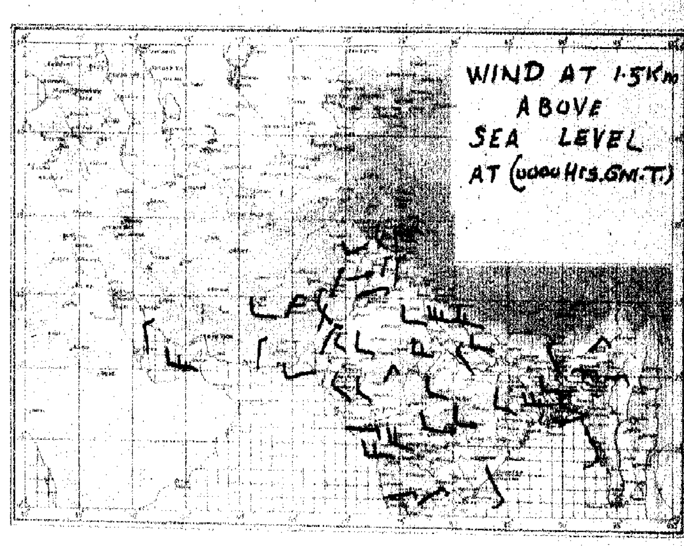
PRINTED AT THE SURVEY OF PAKISTAN OFFICE, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SUNDAY 4th JANUARY, 1970

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...es 1—2 Rs; 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 5th JANUARY 1970.**

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

Dry continental air prevails over the country.
Weather remained dry over the country.
Night temperatures were 3—5 °F (2—3 °C) above normal in Hyderabad and Khairpur divisions and were 4—9 °F (3—5 °C) below normal in Khulna, Rajshahi and Rawalpindi division.

**Forecast valid until the evening of 6th January 1970** :—Weather will remain dry over the country.

...arachi-11
...he 5th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| Division | 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) | † or zonal visibility VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 31 | 02 | // | 02 | 0 | 132 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 06 | // | 02 | 0 | 129 | 53 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| | Chittagong | 000 | 0 | 0 | 27 | 02 | // | 02 | 0 | 130 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 118 | 70 | 0 | 0 | 9 | 9 | 0 | 51 | 76 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 130 | 73 | 0 | 0 | 9 | 0 | 0 | 69 | 78 |
| | Brahmanbaria | 000 | 0 | 5 | 00 | 00 | // | 03 | 1 | 133 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 77 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 125 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 136 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 137 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| | Narayanganj | 000 | 0 | 0 | 08 | 00 | // | 00 | 0 | 130 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Dacca (Tezgaon) | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 131 | 77 | 2 | 0 | 9 | 4 | 1 | 56 | 77 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 150 | 77 | 0 | 0 | 9 | 0 | 0 | 56 | 73 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | 000 | 0 | 0 | 00 | 02 | 97 | 00 | 0 | 165 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 72 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 134 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| | Jessore | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 133 | 68 | 1 | 0 | 9 | 4 | 0 | 54 | 77 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 128 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 139 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bogra | 000 | 0 | 0 | 00 | 03 | // | 03 | 0 | 126 | 67 | 0 | 0 | 9 | 3 | 1 | 56 | 70 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 137 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 140 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 76 |
| ...shmir | Jammu | | | | | | | | | | | | | | | | | |
| ...ore | Lahore (Jail Rd.) | 000 | 0 | 0 | 27 | 02 | 95 | 02 | 0 | 141 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 73 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ...l-...di | Jhelum | 000 | 0 | 0 | 30 | 13 | 96 | 02 | 0 | 132 | 68 | 0 | 0 | 9 | 0 | 0 | 23 | 76 |
| | Islamabad | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | /// | 73 | 0 | 0 | 9 | 0 | 0 | 32 | 82 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 144 | 60 | 0 | 0 | 9 | 0 | 0 | 30 | 67 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| ...o- | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 133 | 76 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| | Sargodha | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 137 | 73 | 0 | 0 | 9 | 0 | 0 | 45 | 76 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 139 | 73 | 0 | 0 | 9 | 0 | 0 | 43 | 76 |
| | Sahiwal | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 131 | 73 | 0 | 0 | 9 | 3 | 0 | 36 | 77 |
| | Multan | 000 | 0 | 4 | 36 | 02 | 94 | 02 | 1 | 167 | 75 | 0 | 0 | 9 | 0 | 4 | 33 | 76 |
| | Leiah | | | | | | | | | | | | | | | | | |
| ...a-...pur | Khanpur | 000 | 0 | 6 | 36 | 03 | 97 | 02 | 1 | 138 | 72 | 0 | ( | 9 | 3 | 2 | 47 | 76 |
| | Bahawalpur | 000 | 0 | 8 | 00 | 00 | 95 | 00 | 0 | 148 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 157 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| ...a- | Chakdra | 000 | 0 | 0 | 31 | 01 | 97 | 02 | 0 | 115 | 64 | 0 | 0 | 9 | 0 | 0 | 40 | 64 |
| | Peshawar | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 146 | 67 | 0 | 0 | 9 | 0 | 0 | 34 | 70 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ...- ...n | Bannu | 000 | 0 | 0 | 00 | 03 | 99 | 00 | 0 | 143 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 72 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 0 | 143 | 68 | 0 | 0 | 9 | 0 | 0 | 43 | 73 |
| ...tta | Sibi | 000 | 0 | 6 | 05 | 03 | 97 | 01 | 0 | 140 | 77 | 6 | 0 | 9 | 6 | 0 | 56 | 80 |
| | Nokkundi | 000 | 0 | 1 | 13 | 05 | 96 | 02 | 0 | 173 | 64 | 0 | 0 | 9 | 0 | 0 | 35 | 69 |
| | Turbat | 000 | 0 | 0 | 05 | 02 | 96 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 19 | 81 |
| | Jiwani | 000 | 0 | 2 | 36 | 07 | 96 | 02 | 0 | 138 | 76 | 0 | 0 | 9 | 0 | 0 | 37 | 8[illegible] |
| | Pasni | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 150 | 82 | 0 | 3 | 9 | 0 | 0 | 72 | 85 |
| ...chi ...ion | Ormara | 000 | 0 | 1 | 18 | 03 | 96 | 02 | 2 | 142 | 79 | 1 | 0 | 9 | 0 | 0 | 31 | 83 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Manora) | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 130 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 83 |
| | Karachi (Airport) | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 130 | 80 | 0 | 0 | 9 | 0 | 0 | 45 | 84 |
| ...ra-...d | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chhor | 000 | 0 | 0 | 26 | 03 | 96 | 01 | 0 | 128 | 81 | 0 | 0 | [illegible] | 9 | 0 | 27 | 85 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 140 | 79 | 0 | 0 | 9 | 0 | 1 | 45 | 80 |
| | Badin | 000 | 0 | 0 | 36 | 01 | 97 | 02 | 0 | 133 | 83 | 0 | 0 | 9 | 0 | 0 | 43 | 86 |
| | Padidan | 000 | 0 | 3 | 00 | 02 | 97 | 01 | 0 | 135 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 79 |
| | Nawabshah | 000 | 0 | 4 | 26 | 00 | 96 | 03 | 1 | 141 | 77 | 0 | 0 | 9 | 0 | 4 | 50 | 80 |
| | Sukkur | 000 | 0 | 6 | 02 | 05 | 96 | 02 | 1 | 116 | 77 | 4 | 0 | 9 | 0 | 0 | 38 | 80 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 1 | 00 | 05 | 97 | 01 | 1 | 136 | 75 | 0 | 0 | 9 | 0 | 5 | 30 | 79 |
| ...dh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Misgar | | | | | | | | | | | | | | | | | |
| | Aliabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| ...indi | Murree | | | | | | | | | | | | | | | | | |
| | Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Cherat | 000 | 0 | 0 | 23 | 05 | 98 | 00 | 0 | 506 | 51 | 0 | 0 | 9 | 0 | 0 | 13 | 67 |
| | Kakul | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 494 | 54 | 0 | 0 | 9 | 0 | 0 | 27 | 59 |
| | Landikotal | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 624 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 60 |
| | Parachinar | 000 | 0 | 0 | 13 | 03 | 98 | 02 | 0 | 501 | 51 | 0 | 0 | 9 | 0 | 0 | 36 | 56 |
| ...an" | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 538 | 67 | 0 | 0 | 9 | 0 | 0 | 45 | 68 |
| | Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 494 | 57 | 0 | 0 | 9 | 0 | 1 | 05 | 59 |
| | Hindubagh | 000 | 0 | 6 | 20 | 05 | 97 | 03 | 0 | /// | 46 | 0 | 2 | 5 | 0 | 0 | // | 50 |
| | Loralai | | | | | | | | | | | | | | | | | |
| | Barkhan | | | | | | | | | | | | | | | | | |
| | Harnai | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 481 | 60 | 0 | 0 | 8 | 0 | 0 | 17 | 68 |
| | Samungli (Quetta) | | | | | | | | | | | | | | | | | |
| | Chaman | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 540 | 52 | 0 | 0 | 9 | 0 | 0 | 08 | 56 |
| | Nushki | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 563 | 57 | 0 | 0 | 9 | 0 | 0 | 25 | 59 |
| | Dalbandin | 000 | 0 | 0 | 05 | 05 | 95 | 05 | 0 | 528 | 60 | 0 | 0 | 9 | 0 | 0 | 12 | 62 |
| | Kalat | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 2 | 535 | 47 | 0 | 0 | 9 | 0 | 0 | 28 | 54 |
| | Khuzdar | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 1 | 495 | 67 | 3 | 0 | 9 | 3 | 0 | 15 | 68 |
| | Panjgur | | | | | | | | | | | | | | | | | |

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

| STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 2 | 36 | 02 | 94 | 41 | 4 | 169 | 62 | 1 | 1 | 7 | 0 | 0 | 59 | 59 |
| Cox's Bazar | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 2 | 164 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 58 |
| Chittagong | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 0 | 173 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 56 |
| Maijdee Court | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 161 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 179 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 60 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 4 | 176 | 68 | 0 | 0 | 9 | 0 | 0 | 62 | 54 |
| Sylhet | 000 | 0 | 0 | 09 | 05 | 96 | 01 | 0 | 157 | 62 | 7 | 7 | 9 | 0 | 0 | 58 | 51 |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 186 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 179 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 56 |
| Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 176 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 51 |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 161 | 65 | 0 | 0 | 9 | 0 | 0 | 49 | 51 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 173 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 50 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 178 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 56 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 57 | 00 | 0 | 191 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | 51 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | [illegible] | // | 0 | 0 | 9 | 0 | 0 | 56 | 47 |
| Pabna | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 174 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 177 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 51 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 183 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 51 |
| Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 180 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 62 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 179 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 51 |
| Rangpur | 000 | 0 | 1 | 05 | 02 | 96 | 01 | 0 | 185 | 60 | 1 | 0 | 9 | 1 | 0 | 56 | 49 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 1 | 00 | 00 | 95 | 05 | 0 | 191 | 45 | 0 | 0 | 9 | 0 | 1 | 38 | 40 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 0 | 125 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 30 |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 97 | 10 | 0 | 195 | 38 | 0 | 0 | 9 | 0 | 1 | 30 | 35 |
| Islamabad | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | /// | 43 | 2 | 3 | 8 | 0 | 0 | 26 | 40 |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | 209 | 38 | 0 | 0 | 9 | 0 | 4 | 27 | 35 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 206 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 43 |
| Sargodha | 000 | 0 | 3 | 13 | 03 | 96 | 04 | 0 | 189 | 38 | 0 | 0 | 9 | 0 | 1 | 35 | 35 |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 203 | 43 | 0 | 0 | 9 | 0 | 0 | 39 | 40 |
| Sahiwal | 000 | 0 | 3 | 00 | 00 | 94 | 12 | 4 | 185 | 45 | 2 | 0 | 9 | 3 | 1 | 38 | 40 |
| Multan | 000 | 0 | 6 | 36 | 03 | 92 | 02 | 2 | 230 | 49 | 0 | 0 | 7 | 0 | 0 | 40 | 40 |
| Leiah | | | | | | | | | | | | | | | | | |
| Khanpur | 000 | 0 | 3 | 00 | 00 | 95 | 01 | 0 | /// | // | 1 | 0 | 9 | 3 | 2 | 47 | 43 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 186 | 56 | 0 | 0 | 9 | 0 | 0 | 51 | 58 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakdra | 000 | 0 | 2 | 18 | 03 | 97 | 02 | 0 | 208 | 36 | 0 | 0 | 9 | 0 | 1 | 23 | 38 |
| Peshawar | 000 | 0 | 8 | 00 | 00 | 98 | 00 | 0 | 106 | 41 | 0 | 0 | 9 | 0 | 0 | 21 | 38 |
| Haripur | | | | | | | | | | | | | | | | | |
| Bannu | 010 | 0 | 5 | 00 | 00 | 99 | 02 | 0 | 195 | 41 | 0 | 0 | 9 | 0 | 4 | 29 | 41 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 194 | 45 | 0 | 0 | 9 | 0 | 0 | 30 | 41 |
| Sibi | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 187 | 48 | 6 | 0 | 9 | 4 | 0 | 52 | 45 |
| Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 228 | 40 | 0 | 0 | 9 | 0 | 2 | 15 | 39 |
| Turbat | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 60 | 0 | 0 | 9 | 0 | 0 | 31 | // |
| Jiwani | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 156 | 64 | 0 | 0 | 9 | 0 | 0 | 64 | 59 |
| Pasni | 000 | 0 | 0 | 05 | 08 | 97 | 02 | 0 | 152 | 68 | 0 | 0 | 0 | 0 | 0 | 43 | // |
| Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 2 | 158 | 59 | 1 | 0 | 7 | 3 | 0 | 53 | // |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 163 | 51 | 0 | 0 | 8 | 0 | 0 | 37 | 40 |
| Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Airport) | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 156 | 55 | 0 | 0 | 9 | 0 | 0 | 45 | 54 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 204 | 65 | 0 | 0 | 0 | 0 | 0 | 63 | 65 |
| Chhor | 003 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 155 | 44 | 0 | 0 | 9 | 0 | 1 | 35 | 42 |
| Hyderabad | 000 | 0 | 3 | 36 | 02 | 97 | 03 | 0 | 163 | 57 | 1 | 0 | 9 | 3 | 1 | 41 | 54 |
| Badin | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 153 | 53 | 0 | 0 | 9 | 0 | 0 | 45 | 50 |
| Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 1 | 169 | 47 | 5 | 0 | 9 | 7 | 2 | 38 | 44 |
| Nawabshah | 002 | 0 | 5 | 31 | 05 | 96 | 03 | 1 | 169 | 47 | 2 | 0 | 9 | 5 | 0 | 43 | 47 |
| Sukkur | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 166 | 56 | 7 | 0 | 9 | 9 | 0 | 46 | 51 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 2 | 31 | 02 | 96 | 03 | 0 | 178 | 49 | 2 | 0 | 9 | 5 | 0 | 40 | 48 |
| Veraval | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 552 | 32 | 0 | 0 | 9 | 0 | 0 | 59 | — |
| Cherat | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 517 | 45 | 0 | 0 | 9 | 6 | 0 | 16 | 38 |
| Kakul | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 520 | 41 | 0 | 0 | 9 | 0 | 0 | 10 | 38 |
| Landikotal | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 601 | 33 | 0 | 0 | 9 | 0 | 0 | 22 | 30 |
| Parachinar | 000 | 0 | 1 | 00 | 00 | 98 | 02 | 0 | 528 | 33 | 0 | 0 | 9 | 0 | 0 | 20 | 29 |
| Miranshah | 000 | 0 | 0 | 00 | 03 | 99 | 00 | 0 | 534 | 56 | 0 | 0 | 9 | 0 | 0 | 33 | 50 |
| Wana | 000 | 0 | 0 | 00 | 00 | 39 | 00 | 0 | 515 | 30 | 0 | 0 | 9 | 0 | 0 | // | 30 |
| Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 510 | 32 | 0 | 0 | 9 | 0 | 0 | 10 | 30 |
| Hindubagh | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 18 | 20 |
| Harnai | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 485 | 44 | 0 | 0 | 9 | 0 | 0 | // | 40 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 555 | 53 | 0 | 0 | 9 | 0 | 0 | 11 | 44 |
| Nushki | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 576 | 40 | 0 | 0 | 9 | 0 | 2 | 69 | 39 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 00 | 95 | 05 | 504 | 29 | 0 | 0 | 9 | 0 | 0 | // | 29 |
| Kalat | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 2 | 553 | 26 | 0 | 0 | 9 | 0 | 0 | 21 | 25 |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 1 | 501 | 45 | 2 | 5 | 6 | 3 | 0 | 13 | 43 |

**Departure from Normal of / Rainfall**

| STATIONS | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 1.5 | — | 0.0 | — |
| Cox's Bazar | — 1 | + 1 | 0.7 | — 3.5 | 0.0 | 40 |
| Chittagong | + 3 | + 1 | 1.2 | — 1.6 | 000.0 | 108 |
| Maijdee Court | — 2 | — 3 | 0.3 | — 1.5 | 000.0 | 115 |
| Comilla | 0 | + 7 | 0.5 | — 1.1 | 0.0 | 194 |
| Brahmanbaria | — | — | 1.3 | — 0.1 | 00.0 | 78 |
| Sylhet | — | — | 1.5 | — | 000.0 | — |
| Srimangal | — 3 | | | | | 98 |
| Mymensingh | + 2 | 0 | 0.3 | — 0.7 | 00.0 | 91 |
| Narayanganj | + 3 | 0 | 1.3 | + 0.1 | 00.0 | 74 |
| Dacca (Tezgaon) | — | — | 1.3 | — | 0.0 | — |
| Faridpur | — 2 | + 1 | 1.6 | + 0.4 | 00.0 | 71 |
| Barisal | — 5 | — 4 | 0.9 | — 0.1 | 00.0 | 81 |
| Khulna | | + 2 | 1.3 | 0.0 | 00.0 | 68 |
| Satkhira | — 1 | 0 | 0.1 | — 1.7 | 00.0 | 65 |
| Jessore | — | — | 1.1 | — 0.1 | 00.0 | 65 |
| Pabna | — 2 | — | 1.0 | — | 00.0 | 59 |
| Sirajganj | — | — 2 | 0.3 | — 0.8 | 00.0 | 64 |
| Rajshahi | — | — 1 | 2.9 | — 2.3 | 00.0 | — |
| Bogra | — 5 | — 9 | 1.3 | + 0.4 | 00.0 | 69 |
| Dinajpur | + 2 | + 2 | 0.6 | + 0.3 | 00.0 | 72 |
| Rangpur | + 1 | 0 | 1.5 | + 1.0 | 00.0 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | + 3 | + 1 | 0.0 | — 0.7 | 00.0 | 19 |
| Sialkot | — | — | 0.0 | — 1.1 | 0.0 | 33 |
| Jhelum | — | — | 0.1 | — | 00.0 | — |
| Islamabad | — | — | 0.0 | — | 0.0 | — |
| Rawalpindi | + 3 | — 2 | 0.1 | — 1.6 | 00.0 | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 8 | + 2 | 0.0 | — 0.6 | 0.0 | 18 |
| Sargodha | — | — | 1.0 | — | 0.0 | — |
| Lyallpur | + 7 | + 1 | 0.0 | — 0.4 | 0.0 | 12 |
| Sahiwal | + 8 | — 1 | 0.0 | — 0.3 | 00.0 | 18 |
| Multan | — | — | 0.0 | — | 0.0 | 7 |
| Leiah | | | | | | 8 |
| Khanpur | + 3 | + 2 | 0.3 | 0.0 | 0.0 | 6 |
| Bahawalpur | + 6 | — | — | — | — | 6 |
| Fort Abbas | — | | | | | 8 |
| Chakdra | + 5 | — 2 | 0.5 | — 0.5 | 00.0 | — |
| Peshawar | — | — | 0.9 | — | 00.0 | 11 |
| Haripur | | | | | | — |
| Bannu | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | + 3 | + 3 | 0.0 | — 0.4 | 0.0 | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | — | — | 0.0 | — | 0.0 | 3 |
| Turbat | — | — | 0.0 | — | 0.0 | — |
| Jiwani | — | — | 0.8 | — | 0.0 | 5 |
| Pasni | + 10 | — | 0.0 | — 1.1 | 0.0 | 6 |
| Ormara | — | — | 0.0 | — 0.9 | 0.0 | 6 |
| Lasbela | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | + 7 | | | | | 8 |
| Karachi (Airport) | — | — | 0.0 | — | 0.0 | — |
| Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| Chhor | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | + 8 | + 3 | 0.0 | — 0.2 | 0.0 | 9 |
| Badin | + 9 | + 2 | 0.0 | — 0.4 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.0 | — | 0.0 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | + 5 | + 3 | 0.1 | — 0.2 | 0.0 | 20 |
| Veraval | | | | | | 26 |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 24 |
| Dras | | | | | | 3 |
| Leh | | | | | | 6 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 59 |
| Murree | | | | | | 18 |
| Drosh | — | — | — | — | — | 29 |
| Cherat | + 16 | — 1 | 0.6 | — 1.6 | 00.0 | — |
| Kakul | — | — | 1.0 | — | 0.0 | — |
| Landikotal | — | — | 0.7 | — | 00.0 | 29 |
| Parachinar | + 5 | — 1 | 0.7 | — | 00.0 | 13 |
| Miranshah | — | — | 0.0 | — 0.5 | 0.0 | 11 |
| Wana | — | — | 0.0 | — | 0.0 | 11 |
| Fort Sandeman | + 2 | 0 | 0.0 | — 0.6 | 0.0 | — |
| Hindubagh | — | — | 0.0 | — | 0.0 | 9 |
| Loralai | | | | | | — |
| Barkhan | | | | | | 14 |
| Harnai | 42 | — | 0.0 | — 1.0 | 0.0 | 9 |
| Samungli (Quetta) | | | | | | 8 |
| Chaman | + 3 | + 9 | 0.0 | — 1.7 | 0.0 | — |
| Nushki | — | — | 0.3 | — | 0.0 | 4 |
| Dalbandin | 0 | — 5 | 0.0 | — 0.8 | 0.0 | 7 |
| Kalat | + 4 | — 1 | 0.0 | — 1.3 | 0.0 | — |
| Khuzdar | — | — | 0.2 | — | 0.0 | |
| Panjgur | | | | | | — |

...iven in Code.
...ese stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
...ese stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
...R 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
...hen ever 999 is given RRR see the summary above for the actual amount of rainfall

# PAKISTAN DAILY WEATHER REPORT

**MONDAY THE 5th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_dt_d$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| British Destiny ... | 99 1 82 | 10 6 39 | 04 0 63 | 50 4 13 | 99 0 30 | 16 7 78 | 51 5 00 | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 011 128 19 | ... | 490 146 57 | 124 046 57 | 576 135 58 | 744 257 58 | 957 270 54 | 210 549 // | 390 661 // | 632 741 // | ... | ... | ... |
| Dacca ... | 00 00 | 014 130 35 | ... | 470 126 63 | 067 036 61 | 577 156 7 | 728 483 66 | 944 411 // | 211 547 // | 391 635 // | 634 776 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 011 160 57 | ... | 400 060 22 | 023 065 | 554 255 | 713 345 // | 901 441 // | 875 535 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 003 050 30 | ... | 500 090 65 | 083 063 | 574 131 // | 741 211 // | 950 305 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 975 036 08 | ... | 460 074 59 | 054 019 59 | 565 185 58 | 727 923 52 | 924 473 // | 184 291 611 | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 821 003 62 | ... | ... | 060 031 // | 562 239 // | 721 315 // | 919 395 // | 182 658 // | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 993 104 58 | ... | 480 074 58 | 056 031 56 | 563 185 // | 727 261 // | 930 375 // | 201 501 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 128 21 | 830 130 57 | 600 040 56 | 350 341 57 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 116 61 | 830 094 63 | 600 039 64 | 350 033 66 | 250 664 95 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 080 11 | ... | 330 375 // | 250 410 97 | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T.* † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 360 07 | 445 05 | 325 04 | 285 10 | 270 12 | 260 16 | ... | ... | ... | 005 08 | 005 04 | 340 03 | 275 07 | 250 15 | 255 07 |
| Bogra ... | 345 05 | 335 01 | 275 01 | 310 04 | 290 12 | 270 15 | ... | ... | ... | 075 05 | 070 04 | 070 03 | 270 04 | 270 09 | 250 21 |
| Chaklala ... | ... | 105 05 | 010 11 | 250 12 | 310 15 | 295 19 | 300 19 | 295 24 | 290 33 | ... | 285 05 | /// // | 320 08 | 330 08 | 290 04 |
| Chhor ... | 325 13 | 335 06 | 340 07 | 340 05 | 340 0[illegible] | 310 08 | 280 13 | 270 03 | 265 23 | 045 09 | 015 04 | 230 03 | 280 06 | 305 05 | 290 10 |
| Chittagong ... | 325 05 | 010 03 | 030 04 | 250 05 | 280 07 | 265 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Cox's Bazar ... | 300 10 | 290 08 | 290 07 | 345 05 | 030 05 | 040 06 | ... | ... | ... | 040 11 | 045 05 | 120 05 | 175 10 | 180 11 | 180 02 |
| Dacca ... | 280 03 | 310 01 | 010 02 | 015 04 | 285 11 | 270 21 | ... | ... | ... | 025 01 | 025 08 | 325 06 | ... | ... | ... |
| Dalbandin ... | ... | ... | 350 01 | 355 06 | 290 59 | 310 14 | 275 13 | 305 20 | 270 11 | ... | ... | 051 03 | 055 03 | 335 04 | 065 03 |
| D. I. Khan ... | 240 02 | 240 02 | 225 03 | 220 16 | 275 09 | 225 09 | 330 17 | 295 20 | 305 22 | 065 01 | 095 01 | 095 03 | 045 04 | 355 08 | 220 07 |
| Drosh ... | ... | ... | ... | 105 02 | 140 03 | 106 04 | 335 15 | 310 34 | 310 45 | ... | ... | ... | 060 02 | 011 09 | 350 11 |
| Fort Sandeman ... | ... | ... | ... | 205 15 | 305 06 | 295 21 | 305 20 | 300 25 | 300 21 | ... | ... | ... | 205 04 | 245 03 | 275 09 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 275 05 | 295 01 | 030 03 | 290 15 | 280 31 | 275 13 | ... | ... | ... | 010 05 | 007 05 | 350 08 | 270 15 | 245 06 | 335 13 |
| Jacobabad ... | 030 32 | 035 03 | 350 06 | 300 07 | 285 10 | 295 15 | 300 23 | 275 15 | 270 31 | 010 04 | 355 04 | 345 05 | 315 07 | 315 08 | 290 13 |
| Jessore ... | 340 06 | 340 05 | 310 05 | 310 11 | 290 17 | 280 24 | ... | ... | ... | 015 08 | 015 06 | 350 05 | 330 13 | 320 07 | 305 14 |
| Jhelum ... | 290 13 | 305 13 | 310 16 | 330 34 | 315 23 | 300 27 | 300 26 | 330 27 | 300 37 | 350 09 | 335 15 | 330 23 | 330 11 | 345 06 | 290 09 |
| Jiwani ... | 350 03 | 345 04 | 010 06 | 350 06 | 335 11 | 345 04 | 280 17 | 010 06 | 275 44 | 015 16 | 350 16 | 360 08 | 350 07 | 005 10 | 035 13 |
| Karachi ... | 205 05 | 220 04 | 240 03 | 270 01 | 340 02 | 325 05 | 335 03 | 265 15 | 270 17 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 105 13 | 015 15 | 110 07 | 217 01 | 320 19 | 275 01 | 281 15 | ... | ... | 020 10 | 030 00 | 025 01 | 005 11 | 335 15 | 300 17 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 330 04 | 350 08 | 355 22 |
| Lahore ... | 315 10 | 315 10 | 315 11 | 330 13 | 235 13 | 275 14 | 300 23 | 300 31 | 245 09 | 005 09 | 345 02 | 335 11 | 340 12 | 315 08 | 255 05 |
| Multan ... | 080 06 | 070 05 | 030 03 | 205 05 | 265 10 | 290 23 | 300 21 | 315 21 | 285 21 | 128 04 | 130 03 | 195 03 | 085 04 | 350 04 | 280 10 |
| Nawab Shah ... | 340 04 | 305 04 | 290 34 | 300 03 | 310 10 | 300 12 | 295 39 | 275 16 | 280 55 | 005 07 | 005 05 | 320 05 | 295 11 | 340 07 | 270 04 |
| Nokkundi ... | ... | | 260 01 | 260 05 | 310 05 | 245 01 | 255 09 | 280 12 | 280 18 | ... | ... | 010 05 | 012 05 | 265 01 | 275 03 |
| Panjgur ... | ... | | | | ... | | ... | ... | ... | ... | | | | | |
| Peshawar ... | ... | 135 03 | 305 05 | 280 11 | 280 31 | 305 02 | 325 11 | 305 44 | 290 27 | ... | 325 41 | 329 09 | 290 09 | 320 14 | 305 27 |
| Parachinar ... | ... | ... | ... | 275 07 | 185 04 | 310 41 | 325 17 | 295 38 | 315 40 | | ... | ... | 165 03 | 060 03 | ... |
| Quetta ... | ... | | | ... | 315 09 | 330 12 | 310 15 | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 180 02 | 195 01 | 170 01 | 295 11 | 305 08 | 290 13 | 400 22 | 305 24 | 305 20 | 355 05 | 275 01 | 325 01 | 010 02 | 300 12 | 300 19 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 173 01 | 250 03 | ... |
| Sylhet ... | 175 01 | 170 02 | 175 01 | 330 03 | 345 01 | ... | ... | ... | ... | 100 08 | 095 02 | 090 02 | 160 03 | 240 10 | 245 27 |
| Veraval ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 030 07 | 360 04 | 255 12 | 315 09 | 245 25 | 250 19 | 245 41 | 245 43 | 230 41 | ... | ... |
| Bogra ... | 060 02 | 080 03 | 080 03 | 035 02 | 285 09 | 245 17 | 245 31 | 240 14 | 250 49 | 350 40 | ... |
| Chaklala ... | ... | 215 01 | 335 03 | 315 02 | 326 01 | 310 10 | 285 15 | 290 17 | 290 19 | 305 21 | 320 [illegible] |
| Chhor ... | 015 01 | 340 05 | 335 03 | 220 03 | 350 06 | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 050 03 | 155 05 | 165 10 | 175 10 | 205 08 | 225 17 | 200 28 | 295 44 | 240 56 | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 155 08 | 105 12 | 165 13 | 170 09 | 145 03 | 325 10 | 245 29 | 240 32 | 265 35 | ... | 261 [illegible] |
| Dacca ... | 020 03 | 340 03 | 305 01 | 315 10 | 260 21 | 2 5 19 | 250 39 | 255 41 | 255 44 | 250 51 | ... |
| Dalbandin ... | ... | ... | 075 02 | 035 11 | 350 12 | 340 13 | 290 09 | 300 13 | 350 20 | 295 55 | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 080 15 | 035 09 | 070 05 | 045 05 | 355 02 | 265 05 | 245 09 | ... | ... | ... | ... |
| Jessore ... | 070 01 | 015 07 | 340 10 | 315 13 | 285 14 | 285 20 | 250 32 | 250 35 | ... | ... | ... |
| Jhelum ... | 331 07 | 335 12 | 335 09 | 310 06 | 275 04 | 295 07 | 270 11 | 275 15 | 280 31 | 280 28 | ... |
| Jiwani ... | 040 17 | 045 18 | 050 15 | 025 13 | 035 14 | 010 11 | 325 14 | 325 13 | 370 33 | 300 33 | ... |
| Karachi ... | 095 02 | 335 01 | 285 01 | 060 01 | 120 06 | 175 12 | 220 08 | 260 12 | 265 17 | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 350 07 | 340 11 | 340 13 | 320 13 | 010 12 | 185 02 | 210 06 | 250 11 | 250 13 | 270 12 | 270 [illegible] |
| Multan ... | 155 09 | 130 08 | 130 07 | 130 09 | 100 05 | 095 10 | 240 04 | 295 15 | 270 26 | 260 22 | 150 [illegible] |
| Nawab Shah ... | 335 08 | 345 12 | 330 08 | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | | 345 03 | 335 03 | 345 07 | 340 12 | 335 14 | 330 13 | 325 12 | ... | ... |
| Panjgur ... | ... | | | 305 15 | 010 11 | 305 18 | 205 14 | 302 51 | 303 29 | | |
| Peshawar ... | ... | 035 04 | 185 09 | 340 13 | 295 13 | 290 15 | 290 13 | 305 15 | 270 31 | 290 19 | 275 [illegible] |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 340 02 | 355 06 | 275 17 | 235 08 | ... | ... | ... |
| Sargodha ... | 185 02 | 330 04 | 355 04 | 305 10 | 265 03 | 285 10 | 270 09 | 275 13 | 280 11 | 270 17 | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 095 03 | 090 03 | 110 04 | 215 08 | 225 13 | 245 28 | 257 45 | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 020 07 | 270 07 | 345 05 | 200 05 | 245 02 | 160 08 | 190 07 | 220 08 | 230 12 | 260 21 | 280 24 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

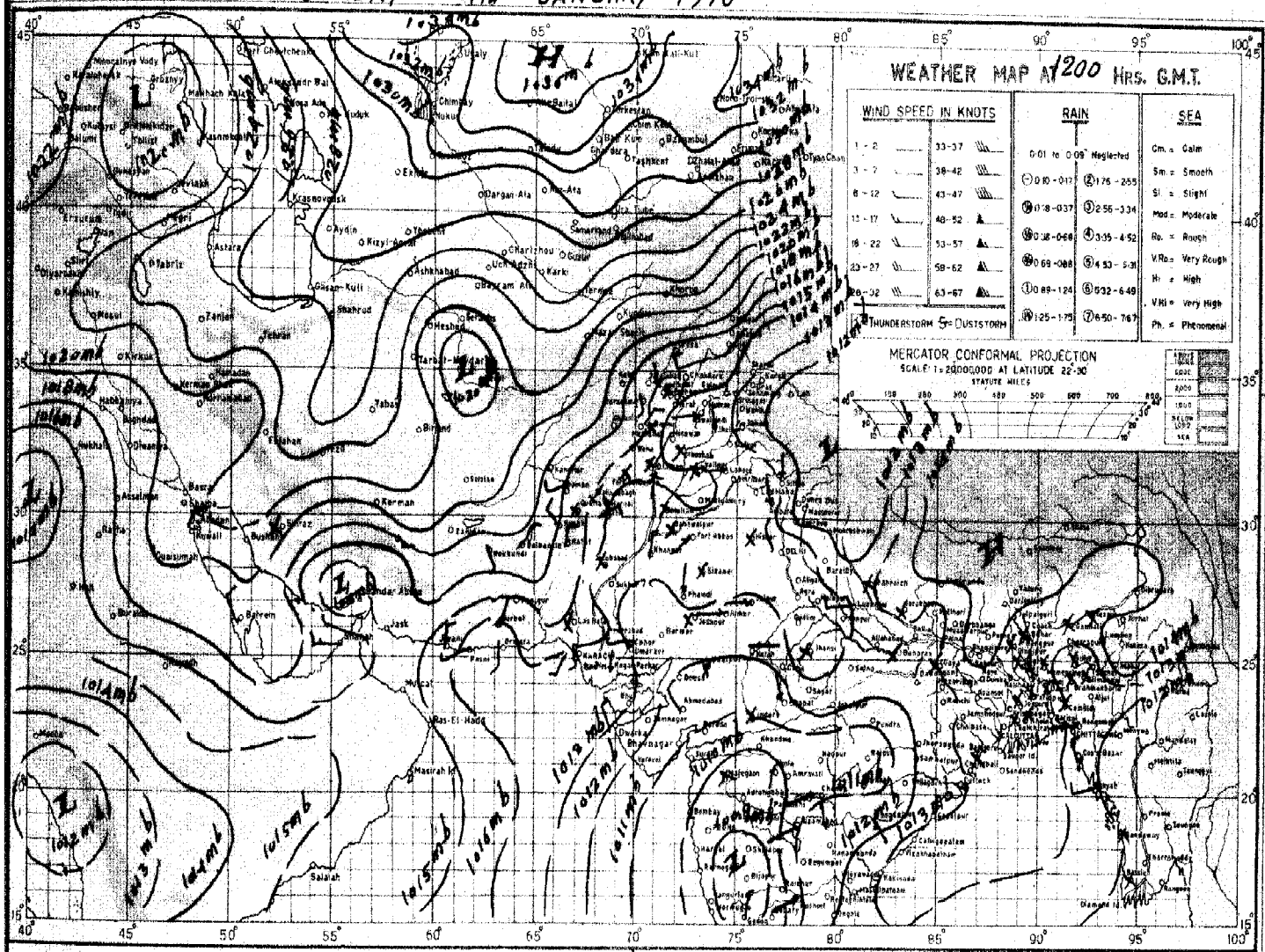
* The actual time of observations may vary within half an hour of the specified time.

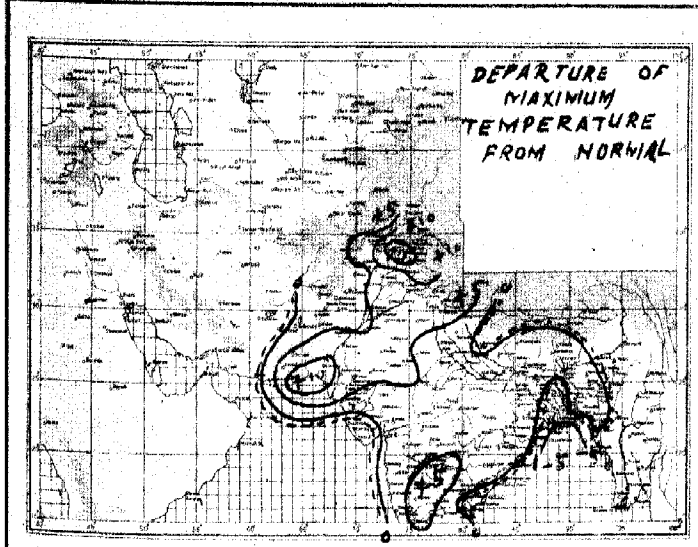
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

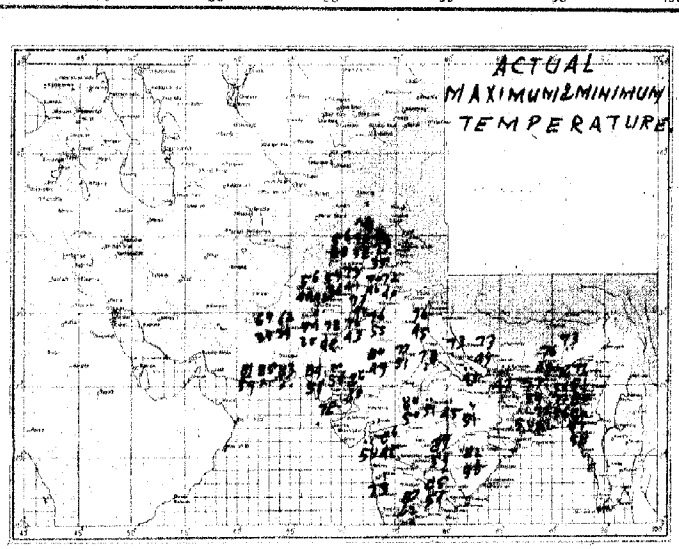
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre / Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SUNDAY 4th JANUARY 1970



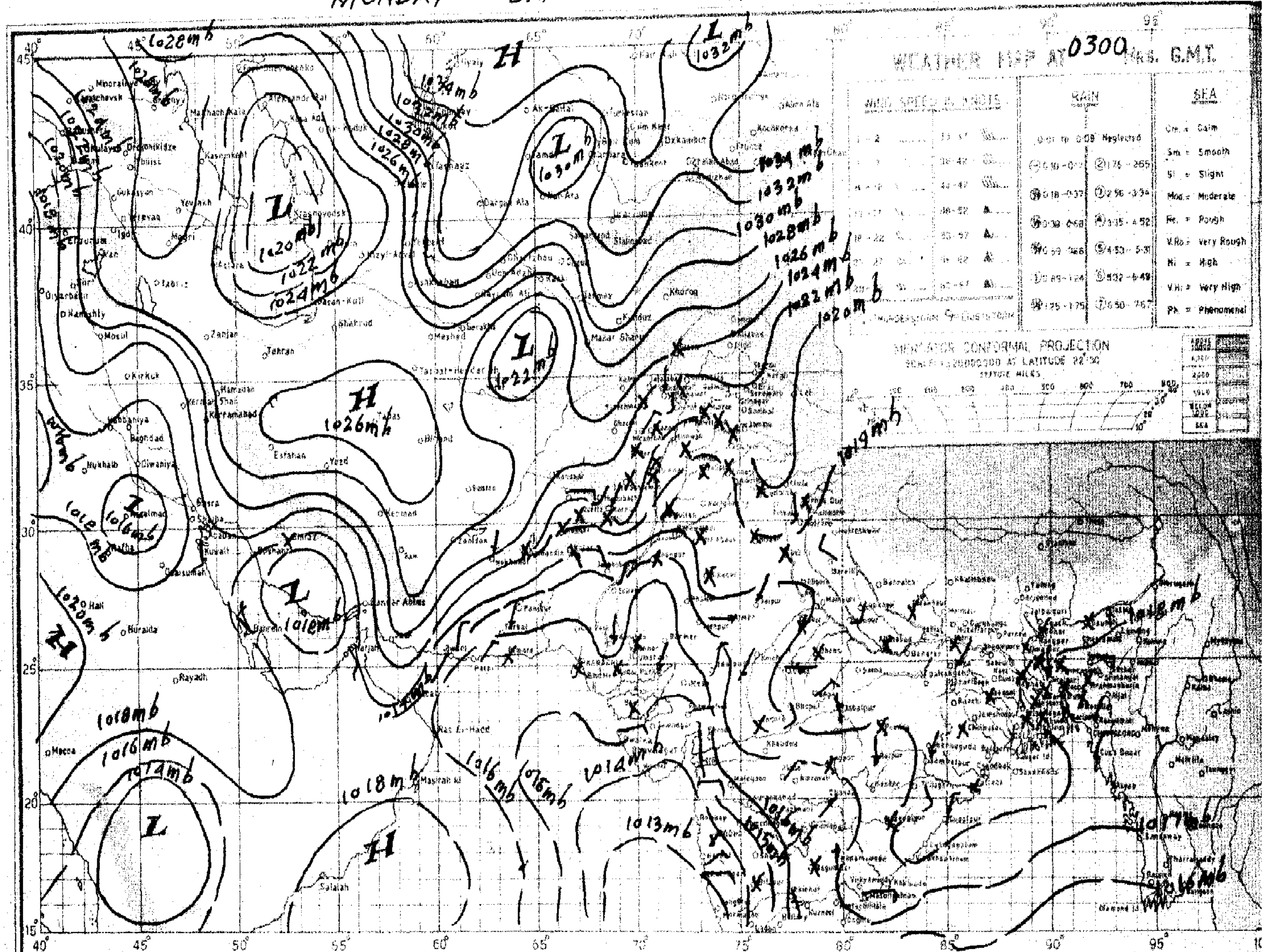



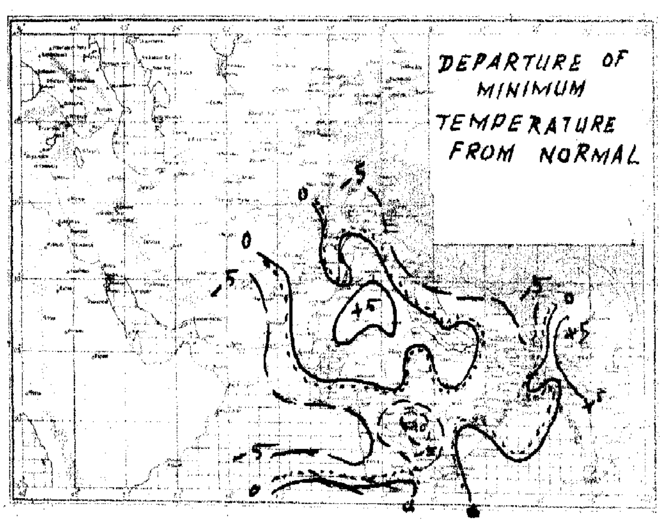



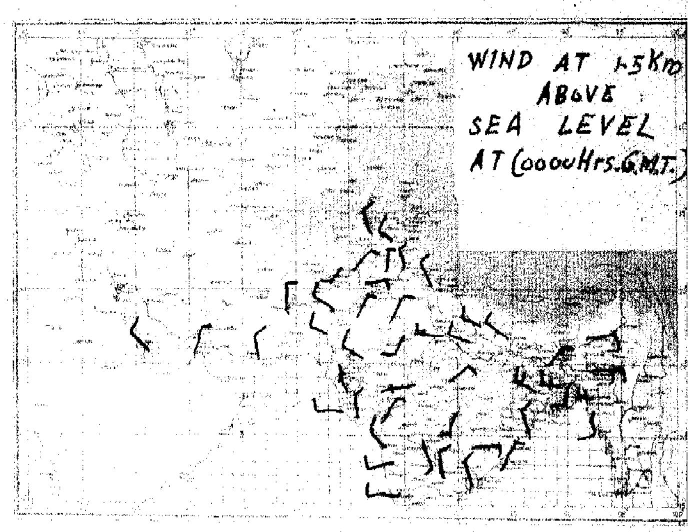

REG. No. 14 RWXD'61-5000'63-5,000'67

# PAKISTAN DAILY WEATHER MAP

MONDAY 5th JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**TUESDAY THE 6th JANUARY 1970.**

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

Dry continental air prevails over the country where weather remained dry.
Night temperatures were 3—6 °F (2—3 °C) above normal in Chittagong, Karachi and Hyderabad divisions and were 3—5 °F (2—3 °C) below normal in Rawalpindi and north Kalat divisions and 6—13 °F (3—7 °C) so in western districts of Quetta division.
**Forecast valid until the evening of 7th January 1970 :**—Weather is likely to remain dry over the country.

Karachi-11
the 6th January, 1970.

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

(ZARIF AHMED)
for Director, Meteorological Service.

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

| STATIONS (1, 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 TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 1 | 31 | 02 | // | 01 | 4 | 152 | 69 | 1 | 1 | 7 | 0 | 0 | 59 | 79 |
| Cox's Bazar | 000 | 0 | 0 | 00 | 00 | // | 0- | 0 | 143 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 80 |
| Chittagong | 000 | 0 | 6 | 00 | 00 | // | 02 | 0 | 147 | 71 | 2 | 0 | 9 | 3 | 4 | 59 | 87 |
| Maijdee Court | 000 | 9 | 0 | 00 | 00 | // | 00 | 0 | 128 | 72 | 0 | 0 | 9 | [illegible] | [illegible] | [illegible] | 78 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 144 | 78 | 0 | 0 | 9 | 0 | 0 | 69 | 82 |
| Brahmanbaria | 000 | 0 | 2 | 00 | 00 | // | 02 | 1 | 148 | 69 | 2 | 0 | 9 | 1 | 0 | 64 | 80 |
| Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 144 | 69 | 0 | 0 | 5 | 0 | 0 | 60 | 77 |
| Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 142 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 150 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 144 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| Dacca (Tezgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 150 | 72 | 1 | 0 | 9 | 3 | 0 | 58 | 78 |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 140 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 75 |
| Barisal | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 146 | 69 | 2 | 4 | 5 | 0 | 2 | 60 | 77 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 57 | 00 | 0 | 173 | 75 | 0 | 0 | 9 | 0 | 0 | 60 | 81 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 152 | 68 | 0 | 0 | 9 | 0 | 0 | 57 | 77 |
| Jessore | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 149 | 77 | 0 | 0 | 9 | 0 | 8 | 54 | 76 |
| Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 133 | 66 | 0 | 0 | [illegible] | 0 | [illegible] | 84 | 78 |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 157 | 71 | 0 | 0 | 9 | 0 | 0 | 58 | 75 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 54 | 02 | 0 | /// | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 79 |
| Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 149 | 66 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 141 | 70 | 0 | 0 | 9 | 0 | 0 | 60 | 77 |
| Rangpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 139 | 56 | 1 | 0 | 9 | 1 | 0 | 52 | 77 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 0 | 150 | 66 | 0 | 0 | 9 | 0 | 1 | 37 | 69 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 150 | 56 | 0 | 0 | 9 | 0 | 0 | 43 | // |
| Jhelum | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 2 | 157 | 64 | 0 | 0 | 9 | 0 | 0 | 30 | 75 |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | /// | 62 | 1 | 1 | 8 | 0 | 0 | 32 | 62 |
| Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 173 | 59 | 0 | 0 | 9 | 0 | 0 | 32 | 69 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | // | 98 | 00 | 0 | 137 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Sargodha | 000 | 0 | 1 | 21 | 03 | 97 | 02 | 0 | 166 | 66 | 0 | 0 | 9 | 0 | 0 | 43 | 66 |
| Lyallpur | 000 | 0 | 0 | 29 | 02 | 95 | 00 | 0 | 167 | 68 | 0 | 0 | 9 | 0 | 0 | 46 | 72 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 6 | 18 | 02 | 97 | 02 | 0 | 164 | 69 | 2 | 0 | 9 | 2 | 4 | 40 | 74 |
| Leiah | 000 | 0 | 6 | 36 | 00 | 94 | 02 | [illegible] | 197 | 75 | 0 | 8 | 9 | 0 | 0 | 39 | 75 |
| Khanpur | 000 | 0 | 7 | 05 | 02 | 56 | 02 | 8 | 153 | 69 | 4 | [illegible] | 9 | 3 | 1 | 40 | 75 |
| Bahawalpur | 000 | 0 | 7 | 00 | 00 | 55 | 00 | 0 | 155 | 69 | 8 | 0 | 9 | 0 | 0 | 43 | 74 |
| Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 2 | 155 | 65 | 2 | 0 | 9 | 0 | 0 | 45 | 64 |
| Chakdra | 000 | 0 | 0 | 23 | 07 | 98 | 02 | 0 | 149 | 62 | 0 | 0 | 9 | 0 | 0 | 38 | 62 |
| Peshawar | 000 | 0 | 1 | 03 | 00 | 97 | 02 | 0 | 174 | 64 | 0 | 0 | 9 | 0 | 1 | 36 | 66 |
| Haripur | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 161 | 64 | 0 | 0 | 9 | 0 | 0 | 29 | 65 |
| Bannu | 000 | 0 | 2 | 00 | 00 | 99 | 01 | 2 | 172 | 64 | 0 | 0 | 9 | 0 | 4 | 33 | 69 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 176 | 68 | 0 | 0 | 9 | 0 | 0 | 46 | 69 |
| Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 0 | 168 | 73 | 4 | 2 | 9 | 4 | 2 | 56 | 78 |
| Nokkundi | 000 | 0 | 0 | 18 | 05 | 56 | 03 | 0 | 137 | 68 | 0 | 0 | 9 | 0 | 0 | 11 | 69 |
| Turbat | 000 | 0 | 0 | 05 | 02 | 56 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 10 | 83 |
| Jiwani | 000 | 0 | 0 | 13 | 07 | 96 | 02 | 0 | 138 | 78 | 0 | 0 | 9 | 0 | 0 | 33 | 81 |
| Pasni | 000 | 0 | 0 | 11 | 04 | 97 | 02 | 0 | 135 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 85 |
| Ormara | 000 | 0 | 0 | 18 | 05 | 56 | 02 | 0 | 127 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 126 | 85 | 0 | 0 | 9 | 0 | 0 | 41 | 87 |
| Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Airport) | 000 | 0 | 0 | 13 | 02 | 56 | 02 | 0 | 127 | 80 | 0 | 0 | 9 | 0 | 0 | 42 | 85 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 171 | 84 | 0 | 0 | 9 | 0 | 0 | 84 | 84 |
| Chhor | 000 | 0 | 2 | 00 | 00 | 99 | 02 | 1 | 124 | 80 | 0 | 0 | [illegible] | 0 | 2 | 34 | 83 |
| Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 142 | 75 | 0 | 0 | 9 | 0 | 0 | 37 | [illegible] |
| Badin | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 128 | 81 | 0 | 0 | 9 | 0 | 0 | 39 | [illegible] |
| Padidan | 000 | 0 | 3 | 36 | 05 | 97 | 01 | 1 | 147 | 70 | 1 | 5 | 7 | 3 | 0 | 47 | 74 |
| Nawabshah | 000 | 0 | 4 | 36 | 10 | 96 | 02 | 1 | 148 | 73 | 0 | 0 | 9 | 6 | 8 | 46 | 78 |
| Sukkur | 000 | 0 | 6 | 05 | 03 | 96 | 02 | 2 | 147 | 73 | 6 | 0 | 9 | 6 | 0 | 44 | 76 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 5 | 36 | 02 | 97 | 02 | 2 | 154 | 72 | 5 | 0 | 9 | 5 | 0 | 44 | // |
| Veraval | | | | | | | | | | | | | | | | | |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Srinagar ** | | | | | | | | | | | | | | | | | |
| Gulmarg *** | | | | | | | | | | | | | | | | | |
| Sonamarg *** | | | | | | | | | | | | | | | | | |
| Dras *** | | | | | | | | | | | | | | | | | |
| Leh *** | | | | | | | | | | | | | | | | | |
| Skardu ** | | | | | | | | | | | | | | | | | |
| Misgar *** | | | | | | | | | | | | | | | | | |
| Aliabad ** | | | | | | | | | | | | | | | | | |
| Gilgit ** | | | | | | | | | | | | | | | | | |
| Murree ** | | | | | | | | | | | | | | | | | |
| Drosh ** | | | | | | | | | | | | | | | | | |
| Cherat ** | 000 | 0 | 0 | 34 | 05 | 98 | 00 | 0 | 521 | 52 | 0 | 0 | — | 0 | 0 | 14 | 54 |
| Kakul ** | 000 | 0 | 0 | 18 | 03 | 96 | 08 | 0 | 511 | 54 | 0 | 0 | 5 | 0 | 0 | 14 | 60 |
| Landikotal ** | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 2 | 524 | 54 | 0 | 0 | [illegible] | 0 | 0 | 43 | 58 |
| Prachinar ** | 000 | 0 | 1 | 16 | 03 | 98 | 10 | 0 | 519 | 69 | 0 | 0 | 9 | [illegible] | 0 | 35 | 54 |
| Miranshah ** | 000 | 0 | 0 | 05 | 05 | 99 | 01 | 0 | 525 | 62 | 0 | 0 | 9 | 0 | 0 | 40 | 62 |
| Wana ** | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 516 | 61 | 0 | 0 | 9 | 0 | 0 | 47 | 62 |
| Fort Sandeman ** | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 500 | 57 | 1 | 0 | 9 | 3 | 0 | 16 | 60 |
| Hindubagh ** | 000 | 0 | 7 | 20 | 05 | 97 | 03 | 0 | /// | 46 | 7 | 5 | 6 | 0 | 0 | 38 | 51 |
| Loralai ** | | | | | | | | | | | | | | | | | |
| Barkhan ** | | | | | | | | | | | | | | | | | |
| Harnai ** | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 491 | 40 | 0 | 0 | 9 | 0 | 0 | 29 | 67 |
| Samungli (Quetta) ** | 000 | 0 | 1 | 31 | 02 | 97 | 03 | | 510 | 52 | 1 | 0 | 9 | 1 | 0 | 02 | 53 |
| Chaman ** | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 512 | 54 | 0 | 0 | 9 | 0 | 0 | 13 | 56 |
| Nushki ** | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 563 | 57 | 0 | 0 | 9 | 0 | 0 | 25 | 58 |
| Dalbandin ** | 000 | 0 | 0 | 05 | 05 | 95 | 05 | 0 | 521 | 61 | 0 | 0 | 9 | 0 | 0 | 09 | 6 |
| Kalat ** | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 505 | 48 | 0 | 0 | 9 | 0 | 0 | 35 | // |
| Khuzdar ** | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 2 | 515 | 62 | 4 | 5 | 6 | 0 | 0 | 08 | 64 |
| Panjgur ** | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 510 | 63 | 0 | 0 | 9 | 0 | 0 | 29 | 66 |

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

| STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 3 | 36 | 02 | 97 | 01 | 4 | 185 | 61 | 2 | 2 | 6 | 0 | 0 | 59 | 59 | — | — | 1.6 | — | 0.0 | — |
| Cox's Bazar | 000 | 0 | 2 | 05 | 03 | 97 | 02 | 0 | 176 | 73 | 7 | 0 | 9 | 3 | 0 | 64 | 60 | + 2 | + 4 | 0.7 | — 3.6 | 0.0 | 40 |
| Chittagong | 000 | 0 | 6 | 36 | 03 | 96 | 02 | 2 | 180 | 64 | 0 | 0 | 9 | 0 | 2 | 59 | 58 | + 10 | + 3 | 1.2 | — 1.6 | 000.0 | 108 |
| Maijdee Court | 000 | 9 | 0 | 36 | 02 | 97 | 00 | 0 | 180 | 69 | 0 | 0 | 9 | 0 | 0 | 57 | 58 | 8 | + 1 | 0.4 | — 1.5 | 000.0 | 115 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 178 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 59 | + 4 | + 6 | 0.5 | — 1.2 | 0.0 | 194 |
| Brahmanbaria | 000 | 0 | 7 | 36 | 02 | 97 | 03 | 1 | 172 | 54 | 2 | 0 | 9 | 4 | 0 | 56 | // | — | — | 1.3 | — 0.1 | 00.0 | 78 |
| Sylhet | 000 | 0 | 2 | 05 | 05 | 96 | 02 | 0 | 187 | 64 | 2 | 4 | 6 | 3 | 0 | 56 | 51 | — | — | 1.5 | — | 000.0 | — |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 190 | 62 | 0 | 0 | 9 | 0 | 0 | 68 | 60 | — 3 | + 12 | 1.5 | — 0.2 | 0.9 | 98 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 192 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | + 1 | 0 | 0.3 | — 0.7 | 00.0 | 91 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 187 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | + 5 | + 1 | 1.3 | + 0.1 | 00.0 | 74 |
| Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | — | — | 1.3 | — | 0.0 | — |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 183 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 51 | 0 | — 1 | 1.6 | + 0.3 | 00.0 | 71 |
| Barisal | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 186 | 62 | 2 | 4 | 5 | 0 | 0 | 58 | // | 0 | / | 0.9 | — 0.9 | 00.0 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 168 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 58 | + 5 | + 4 | 1.4 | — 1.0 | 00.0 | 68 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 160 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | 0 | — 1 | 0.2 | — 1.8 | 00.0 | 65 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 186 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 49 | — | — | 1.1 | — 0.1 | 00.0 | 65 |
| Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 188 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — | 1.0 | — | 00.0 | 59 |
| Sirajganj | 000 | 0 | 0 | 36 | 07 | 98 | 00 | 0 | 190 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | 0 | + 2 | 0.4 | — 0.4 | 00.0 | 64 |
| Rajshahi | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 199 | 62 | 0 | 0 | 9 | 0 | 0 | 50 | 54 | + 4 | + 2 | 3.0 | — 2.3 | 00.0 | — |
| Bogra | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 196 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | + 2 | — 1 | 1.3 | + 0.6 | 00.0 | 69 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 200 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | + 2 | + 2 | 0.8 | — 0.3 | 00.0 | 72 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 183 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 47 | + 2 | — 3 | 0.0 | — 0.5 | 00.0 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 4 | 18 | 02 | 94 | 10 | 0 | 209 | 40 | 2 | 0 | 9 | 0 | 1 | 33 | 38 | — 1 | — 1 | 0.0 | — 0.7 | 00.0 | 19 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | / | | | | | 32 |
| Jhelum | 000 | 0 | 0 | 05 | 02 | 94 | 10 | 0 | 210 | 38 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — | — | 0.1 | — | 00.0 | — |
| Islamabad | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | /// | 41 | 2 | 2 | 8 | 0 | 0 | 24 | 38 | — | — | 0.0 | — | 0.0 | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 220 | 33 | 0 | 0 | 9 | 0 | 0 | 29 | 32 | + 5 | — 5 | 0.2 | — 1.6 | 00.0 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | // | 98 | 00 | 0 | 199 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | + 7 | 0 | 0.0 | — 0.6 | 0.0 | 18 |
| Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | ... | ... | | | ... | — | | | | | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 9[illegible] | 00 | 0 | 201 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | + 3 | — 1 | 0.0 | — 0.4 | 0.0 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 0 | 206 | 41 | 2 | 0 | 6 | 0 | 5 | 32 | 40 | + 5 | — 1 | 0.0 | — 0.3 | 00.0 | 7 |
| Leiah | 000 | 0 | 0 | 36 | 00 | 92 | 00 | 0 | 198 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 40 | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | 000 | 0 | 2 | 00 | 00 | 55 | 05 | 0 | 204 | 41 | 0 | 0 | 9 | 0 | 1 | 38 | 38 | + 2 | — 2 | 0.3 | 0.0 | 0.0 | 6 |
| Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 211 | 54 | 0 | 0 | 9 | 0 | 1 | 45 | 41 | + 3 | 0 | 0.0 | — 0.2 | 0.0 | 6 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 201 | 56 | 0 | 0 | 9 | 0 | 0 | 40 | 56 | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | 000 | 0 | 1 | 05 | 02 | 98 | 03 | 0 | 222 | 32 | 0 | 0 | 9 | 0 | 4 | 23 | 30 | — | — | 0.0 | — | 0.0 | — |
| Peshawar | 000 | 0 | 1 | 13 | 02 | 97 | 03 | 0 | 219 | 38 | 0 | 0 | 9 | 0 | 1 | 24 | 38 | + 1 | — 2 | 0.5 | — 0.6 | 00.0 | 11 |
| Haripur | 000 | 0 | 0 | 36 | 03 | 98 | 01 | 0 | 210 | 43 | 0 | 0 | 9 | 0 | 0 | 16 | 35 | — | — | 0.9 | — | 00.0 | — |
| Bannu | 000 | 0 | 0 | 27 | 01 | 99 | 00 | 0 | 202 | 47 | 0 | 0 | 9 | 0 | 0 | 42 | 41 | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 207 | 41 | 0 | 0 | 9 | 0 | 0 | 30 | 38 | 0 | — 2 | 0.0 | — 0.4 | 0.0 | 9 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 215 | 40 | 0 | 0 | 9 | 0 | 0 | 36 | 39 | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | 008 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 143 | 40 | 0 | 0 | 9 | 0 | 0 | 05 | 30 | — | — | 0.0 | — | 0.0 | 2 |
| Turbat | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | /// | 57 | 0 | 0 | 9 | 0 | 0 | 17 | // | — | — | 0.0 | — | 0.0 | — |
| Jiwani | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 180 | 61 | 0 | 0 | 9 | 0 | 0 | 21 | 58 | — | — | 0.8 | — | 0.0 | 5 |
| Pasni | 00 | 0 | 0 | 05 | 08 | 97 | 02 | 0 | 172 | 56 | 0 | 0 | 9 | 0 | 0 | 35 | // | + 10 | / | 0.0 | — 0.0 | 0.0 | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 190 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | // | — | — | 0.0 | — 0.9 | 0.0 | 6 |
| Lasbela | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 180 | 50 | 0 | 0 | 8 | 0 | 0 | 36 | 40 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | 00 | 0 | 0 | 02 | 05 | 96 | 02 | 0 | 177 | 63 | 0 | 0 | 9 | 0 | 0 | 41 | 63 | — | + 6 | 0.0 | — 0.3 | 0.0 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 05 | 04 | 96 | 02 | 0 | 178 | 58 | 0 | 0 | 9 | 0 | 0 | 41 | 51 | — | — | 0.0 | — | 0.0 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 204 | 65 | 0 | 0 | 9 | 0 | 0 | 63 | 65 | — | — | 0.0 | — | 0.0 | — |
| Chhor | 000 | 0 | 0 | 36 | 07 | 96 | 02 | 0 | 175 | 42 | 0 | 0 | 9 | 0 | 0 | 26 | 42 | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 189 | 56 | 0 | 0 | 9 | 0 | 0 | 39 | 55 | + 2 | + 4 | 0.0 | — 0.2 | 0.0 | 9 |
| Badin | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 175 | 45 | 0 | 0 | 9 | 0 | 0 | 42 | 48 | + 5 | 0 | 0.0 | — 0.4 | 0.0 | — |
| Padidan | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 203 | 44 | 0 | 0 | 9 | 0 | 0 | 39 | 43 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 203 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 2 | 0 | 05 | 02 | 94 | 05 | 4 | 201 | 46 | 0 | 0 | 9 | 0 | 0 | 41 | 44 | — | — | 0.0 | — | 0.0 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 205 | 48 | 0 | 0 | 9 | 0 | 0 | 40 | 47 | / | + 2 | 0.1 | — 0.2 | 0.0 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | — |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | — |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | 00[illegible] | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 563 | 32 | 0 | 0 | 9 | 0 | 4 | // | // | — | / | 0.6 | — | — | 29 |
| Cherat | 000 | 0 | 0 | 34 | 10 | 98 | 00 | 0 | 532 | 46 | 0 | 0 | 9 | 0 | 0 | 27 | 40 | + 3 | + 1 | 0.6 | — 1.7 | 00.0 | — |
| Kakul | 000 | 0 | 1 | 36 | 03 | 97 | 03 | 0 | 525 | 43 | 0 | 0 | 5 | 0 | 1 | 15 | 35 | — | — | 1.0 | — | 0.0 | — |
| Landikotal | ... | | | ... | | | | ... | | | ... | | | | ... | ... | | — | | | | | 29 |
| Prachinar | 000 | 0 | 0 | 02 | 03 | 98 | 02 | 0 | 543 | 31 | 0 | 0 | 9 | 0 | 0 | 22 | 29 | + 3 | 0 | 0.7 | — | 00.0 | 13 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 506 | 41 | 0 | 0 | 9 | 0 | 0 | 29 | 35 | — | — | 0.0 | — 1.0 | 0.0 | 11 |
| Wana | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 543 | 34 | 0 | 0 | 9 | 0 | 0 | 15 | 30 | — | — | 0.0 | — | 0.0 | 11 |
| Fort Sandeman | 000 | 0 | 0 | 09 | 02 | 98 | 02 | 0 | 517 | 31 | 0 | 0 | 9 | 0 | 0 | 08 | 29 | + 3 | + 1 | 0.0 | — 0.8 | 0.0 | — |
| Hindubagh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 18 | 20 | — | — | 0.2 | — | 0.0 | 5 |
| Loralai | | | | | | | | | | | | | | | | | | | | | | | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 494 | 41 | 0 | 0 | 9 | 0 | 0 | 11 | 40 | — | — | 0.0 | — 1.0 | 0.0 | 9 |
| Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 549 | 18 | 0 | 0 | 9 | 0 | 0 | 16 | 17 | — | — 13 | 0.7 | — 0.5 | 0.0 | 8 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 572 | 34 | 0 | 0 | 9 | 0 | 0 | 18 | 32 | + 3 | — 2 | 0.0 | — 1.6 | 0.0 | — |
| Nushki | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 580 | 45 | 0 | 0 | 9 | / | 0 | 14 | 41 | — | — | 0.3 | — | 0.0 | 4 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 516 | 29 | 0 | 0 | 9 | 0 | 0 | 18 | 28 | + 1 | — 5 | 0.0 | — 0.9 | 0.0 | 7 |
| Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 549 | 29 | 0 | 0 | 9 | 0 | 0 | 14 | 23 | / | — 3 | 0.0 | — 1.3 | 0.0 | — |
| Khuzdar | 008 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 523 | 37 | 0 | 0 | 9 | 0 | 0 | 18 | // | — | — | 0.2 | — | 0.0 | |
| Panjgur | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 516 | 37 | 0 | 0 | 9 | 0 | 0 | 19 | 36 | + 2 | — 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
...ever 999 is given RRR see the summary above for the actual amount of rainfall

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 6th JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$ a PP | 7RR $t_Rt_R$ | $8N_sCh_s h_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 $TTT_a$ DD)

| STATION | Time of ascent in G.M.T. | Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 142 08 | ... | 500 090 56 | 103 022 50 | 574 145 56 | 740 245 56 | 942 449 // | 203 595 // | 377 669 // | 616 795 // | ... | ... | ... |
| Dacca ... | 00 00 | 015 118 21 | ... | 475 116 51 | 050 028 [illegible] | 568 141 57 | 734 [illegible]59 57 | 935 411 // | 201 571 // | 383 641 // | 621 781 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 120 60 | ... | 450 040 30 | 062 053 // | 561 201 // | 724 271 // | 929 349 // | 205 481 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 004 068 10 | ... | 500 100 61 | 083 045 // | 559 201 // | 718 321 // | 919 351 // | ... | | .. | ... | ... | ... |
| Peshawar ... | 00 00 | 976 038 58 | ... | 480 001 59 | 064 075 // | 555 211 58 | 717 301 // | 915 435 // | 170 573 // | 349 567 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | 823 001 60 | ... | /// /// // | 070 703 // | 561 237 // | 723 313 // | 923 399 // | — | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 995 094 59 | ... | 450 064 57 | 069 021 58 | 565 181 // | 729 275 // | 932 371 // | 206 485 // | ... | ... | ... | ... | ... |

At Significant Levels (PPP TT $T_a$ DD); Max. Wind Speed; TROPOPAUSE

| STATION | Time of ascent in G.M.T. | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | Max. Wind Speed ($P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$) | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 104 43 | 800 074 36 | 666 000 50 | 600 055 56 | 350 352 56 | 178 645 // | 163 631 // | ... | ... | 100 795 // | – | – |
| Dacca ... | 00 00 | 900 108 43 | 887 106 55 | 843 118 56 | 800 090 56 | 650 000 58 | 400 057 57 | 350 333 57 | ... | — | ... | ... | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | — | ... | ... | ... | ... | 200 275 81 | ... | — |
| Multan ... | 00 00 | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 800 015 59 | /// /// // | 120 567 // | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 087 // | 600 133 // | 350 353 // | 303 395 // | ... | ... | ... | ... | ... | — | ... | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → / STATION | 0.3 (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 ... | 355 06 | 345 06 | 330 06 | 250 09 | 233 15 | 230 12 | — | — | ... |
| Bogra ... | 195 01 | 245 02 | 255 02 | 275 04 | 283 13 | ... | | ... | |
| Chaklala ... | ... | 285 16 | 290 10 | 070 04 | 325 04 | 285 14 | 310 06 | 335 10 | 265 08 |
| Chhor ... | 260 03 | 015 04 | 015 05 | 025 09 | 055 13 | 250 07 | 245 18 | 255 24 | 265 28 |
| Chittagong ... | 150 04 | 110 04 | 140 07 | 215 04 | /// // | 250 24 | ... | ... | — |
| Cherat ... | ... | ... | ... | | — | ... | ... | — | ... |
| Cox's Bazar ... | 245 04 | 330 04 | 235 03 | 230 05 | 215 09 | 185 14 | ... | ... | ... |
| Dacca ... | 320 02 | 360 01 | 330 02 | 245 17 | 245 19 | 240 21 | ... | ... | ... |
| Dalbandin ... | | ... | 065 06 | 035 11 | 360 15 | 360 10 | 340 12 | 335 23 | 305 27 |
| D. I. Khan ... | 065 03 | 185 03 | 115 04 | 130 05 | 145 05 | 170 06 | 225 05 | 250 06 | 280 09 |
| Drosh ... | — | ... | ... | | ... | ... | | | |
| Fort Sandeman ... | | | ... | 320 05 | 250 06 | 200 07 | 250 08 | 280 21 | 270 20 |
| Gilgit ... | | | | ... | | ... | — | ... | ... |
| Ishurdi ... | 315 03 | 340 02 | 010 03 | 300 06 | 215 13 | 260 25 | ... | ... | ... |
| Jacobabad ... | 220 01 | 240 03 | 250 04 | 255 07 | 250 07 | 215 02 | ... | — | . |
| Jessore ... | ... | | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 300 06 | 305 07 | 315 08 | 285 07 | 010 02 | 035 04 | 325 05 | 275 08 | 290 12 |
| Jiwani ... | 070 05 | 005 06 | 015 09 | 010 14 | 010 09 | 360 15 | 310 23 | 305 34 | 300 37 |
| Karachi ... | 210 01 | 095 01 | 045 02 | 060 04 | 055 02 | 280 06 | 280 27 | 285 25 | 270 30 |
| Khanpur ... | 030 12 | 035 19 | 045 17 | 065 12 | 110 09 | 045 04 | 360 05 | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | | ... | ... |
| Lahore ... | 330 06 | 310 08 | 310 08 | 310 11 | 330 14 | 320 06 | 230 03 | 300 05 | 335 05 |
| Multan ... | 160 03 | 065 02 | 065 04 | 055 11 | 100 07 | 005 01 | 345 13 | 310 32 | 290 14 |
| Nawab Shah ... | 010 09 | 020 10 | 025 07 | 355 04 | 305 04 | 355 03 | 260 19 | 260 12 | 290 49 |
| Nokkundi ... | - | | 105 07 | 305 06 | 325 13 | 355 07 | 315 11 | 310 09 | 300 09 |
| Panjgur ... | ... | | | 030 06 | 015 10 | 010 12 | 365 16 | 345 23 | 345 22 |
| Peshawar ... | . | 360 04 | 345 07 | 345 08 | 270 08 | 240 10 | 305 07 | 270 06 | 285 10 |
| Parachinar ... | ... | ... | ... | 020 03 | 110 03 | 235 08 | 315 04 | 340 08 | 280 05 |
| Quetta ... | ... | | | ... | 315 06 | 010 04 | 285 09 | | |
| Sargodha ... | 285 01 | 310 01 | 355 05 | 355 03 | 230 03 | 300 05 | 270 06 | 255 17 | 260 39 |
| Skardu ... | ... | | | ... | | ... | ... | ... | ... |
| Sylhet ... | 160 02 | 170 01 | 265 00 | 160 03 | 135 05 | 190 07 | ... | — | ... |
| Veraval ... | ... | ... | | ... | ... | | | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → / STATION | 0.3 (11) | 0.6 (12) | 0.9 (13) | 1.5 (14) | 2.1 (15) | 3.0 (16) |
|---|---|---|---|---|---|---|
| Barisal ... | 035 10 | 020 08 | 020 04 | 225 04 | 220 11 | 230 21 |
| Bogra ... | 005 05 | 005 04 | 040 04 | 295 06 | 275 05 | |
| Chaklala ... | | 315 04 | 325 04 | 330 05 | 315 11 | 275 06 |
| Chhor ... | 050 28 | 055 23 | 030 20 | 010 12 | 350 09 | 285 15 |
| Chittagong ... | ... | — | — | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | — | ... |
| Cox's Bazar ... | 040 09 | 045 06 | 045 04 | 250 03 | 220 07 | 220 02 |
| Dacca ... | 340 10 | 275 08 | 275 07 | 235 10 | 215 17 | 215 33 |
| Dalbandin ... | — | ... | 075 07 | 085 12 | 010 06 | 350 08 |
| D. I. Khan ... | 050 03 | 065 02 | 070 01 | 105 01 | 255 03 | 260 07 |
| Drosh ... | ... | — | ... | ... | | ... |
| Fort Sandeman ... | ... | ... | ... | 205 02 | 310 02 | 270 10 |
| Gilgit ... | ... | | ... | ... | ... | ... |
| Ishurdi ... | 035 08 | 035 07 | 075 07 | 339 13 | 290 10 | 245 23 |
| Jacobabad ... | 095 03 | 110 05 | 090 08 | 075 12 | 350 07 | 295 06 |
| Jessore ... | 035 09 | 035 09 | 005 42 | 350 13 | 295 11 | 205 09 |
| Jhelum ... | 315 06 | 3 0 05 | 015 05 | 295 06 | 180 02 | 265 10 |
| Jiwani ... | 035 12 | 040 16 | 035 15 | 025 14 | 020 15 | 055 07 |
| Karachi ... | | ... | | ... | ... | ... |
| Khanpur ... | 060 08 | 070 13 | 075 14 | 160 09 | 125 08 | 210 07 |
| Khuzdar ... | ... | — | | 345 07 | 300 05 | 355 09 |
| Lahore ... | 320 09 | 320 09 | 310 10 | 310 13 | 320 18 | 300 15 |
| Multan ... | 030 01 | 060 01 | 010 03 | 025 06 | 35[illegible] 08 | 330 07 |
| Nawab Shah ... | 060 17 | 050 12 | 030 12 | 345 11 | 360 20 | 005 23 |
| Nokkundi ... | ... | — | ... | ... | | ... |
| Panjgur ... | ... | | | 34[illegible] 09 | 005 12 | 013 16 |
| Peshawar ... | ... | 140 02 | 065 05 | 015 04 | 305 08 | 320 05 |
| Parachinar ... | . | ... | ... | 232 04 | 085 03 | ... |
| Quetta ... | | | | | | ... |
| Sargodha ... | 345 03 | 029 04 | 363 04 | 180 03 | 260 03 | 325 06 |
| Skardu ... | ... | | ... | ... | | ... |
| Sylhet ... | 115 10 | 110 07 | 110 05 | 235 11 | 260 15 | 265 27 |
| Veraval ... | . | ... | ... | ... | . | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → / STATION | 0.3 (17) | 0.6 (18) | 0.9 (19) | 1.5 (20) | 2.1 (21) | 3.4 (22) | 4.5 (23) | 5.4 (24) | 6.0 (25) | 7.2 (26) | 9.0 (27) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Barisal ... | 010 04 | 305 04 | 305 04 | 330 06 | 240 13 | 240 18 | 250 30 | 255 40 | 250 52 | 235 49 | ... |
| Bogra ... | 350 01 | 040 04 | 040 05 | 045 10 | 360 10 | 315 17 | 33[illegible] 21 | ... | ... | ... | ... |
| Chaklala ... | ... | 180 02 | 125 04 | 145 04 | 195 05 | 200 06 | 235 33 | 215 14 | 260 11 | 260 18 | 285 21 |
| Chhor ... | 035 18 | 025 20 | 015 20 | 340 14 | 045 05 | 335 07 | 325 23 | 290 38 | 270 41 | ... | — |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 310 08 | 315 04 | 185 02 | 135 06 | 165 12 | 195 32 | 245 27 | — | ... | ... | ... |
| Dacca ... | 020 05 | 015 07 | 325 07 | 290 05 | 345 05 | 240 20 | 265 29 | 270 35 | 270 39 | 250 54 | 255 70 |
| Dalbandin ... | ... | ... | 080 08 | 055 07 | 035 05 | 295 04 | 235 13 | 300 23 | 295 26 | 305 33 | 305 34 |
| D. I. Khan ... | ... | ... | ... | | ... | ... | — | | ... | ... | ... |
| Drosh ... | — | ... | — | 010 03 | 020 10 | 040 05 | 330 13 | 325 33 | 320 26 | 295 36 | 300 41 |
| Fort Sandeman ... | ... | ... | — | 240 03 | 205 08 | 265 05 | 240 10 | 285 12 | 250 17 | 300 17 | 296 29 |
| Gilgit ... | ... | ... | ... | ... | | | ... | ... | ... | ... | ... |
| Ishurdi ... | 350 02 | 350 03 | 330 08 | 315 10 | 265 11 | 260 25 | | ... | ... | ... | ... |
| Jacobabad ... | 120 05 | 090 03 | 045 03 | 010 04 | 350 06 | 285 05 | 325 14 | ... | ... | — | ... |
| Jessore ... | 015 03 | 355 07 | 355 09 | 345 10 | 340 13 | 340 22 | 305 35 | ... | . | ... | ... |
| Jhelum ... | 340 04 | 270 04 | 250 02 | 215 05 | /// // | 275 04 | /// // | 260 10 | ... | ... | ... |
| Jiwani ... | 060 15 | 080 14 | 085 13 | 030 12 | 055 12 | 035 13 | 325 18 | 315 37 | 310 35 | 300 46 | -- |
| Karachi ... | 050 21 | 045 21 | 035 15 | 015 15 | 040 13 | 050 09 | 335 15 | 315 32 | 310 03 | ... | ... |
| Khanpur ... | 055 06 | 055 09 | 065 08 | 074 13 | 060 13 | 045 17 | 040 10 | 315 09 | 308 19 | 355 15 | 335 27 |
| Khuzdar ... | | ... | ... | 300 02 | 005 06 | 360 06 | 325 14 | 315 26 | 295 29 | 300 35 | 280 39 |
| Lahore ... | 330 02 | 305 03 | 285 03 | 315 04 | 300 03 | 120 02 | 145 02 | 330 06 | 285 08 | 275 15 | 280 10 |
| Multan ... | 005 05 | 340 06 | 350 07 | 360 07 | 070 08 | 190 05 | 315 08 | 305 17 | 305 22 | 290 25 | 270 12 |
| Nawab Shah ... | 025 07 | 360 10 | 355 // | 335 15 | 005 16 | 095 08 | 315 14 | 285 23 | 300 31 | ... | — |
| Nokkundi ... | ... | . | 100 11 | 075 05 | 150 05 | 325 04 | 325 11 | 300 13 | 270 19 | — | — |
| Panjgur ... | ... | ... | ... | 025 14 | 035 05 | 015 06 | 295 17 | 255 20 | 303 20 | ... | - |
| Peshawar ... | ... | 135 03 | 160 03 | 315 08 | 003 05 | 310 03 | 235 07 | 270 13 | 280 18 | 295 21 | 298 27 |
| Parachinar ... | ... | ... | — | — | ... | ... | | ... | ... | ... | . |
| Quetta ... | | ... | | ... | 325 02 | 325 07 | 295 16 | 320 16 | 320 20 | 320 27 | ... |
| Sargodha ... | 330 04 | 343 04 | 340 05 | 200 04 | 185 04 | 245 04 | 245 17 | 265 10 | 285 13 | 300 09 | 310 18 |
| Skardu ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 090 15 | 090 15 | 090 13 | 120 08 | 185 12 | 215 19 | 250 38 | 255 41 | 255 45 | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | . | -- | ... | ... | ... | -- |

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

| Height in g.p. Kms. a.s.l → / STATION | 0.3 (2) | 0.6 (3) | 0.9 (4) | 1.5 (5) | 2.1 (6) | 3.0 (7) | 4.5 (8) | .4 (9) | 6.0 (10) | 7.2 (11) | 9.0 (12) | 10.5 (13) | 12.0 (14) | 14.0 (15) | 16.2 (16) | 18.2 (17) | 21.0 (18) | 41.0 (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 045 15 | 030 19 | 060 18 | 060 15 | 350 15 | 025 10 | 310 25 | 310 36 | 265 30 | 293 47 | 280 70 | 260 75 | ... | ... | ... | ... | ... | ... |
| Multan ... | 335 03 | 170 02 | 025 02 | 035 04 | 350 06 | 295 09 | 230 06 | 360 05 | 360 03 | 345 12 | 335 23 | ... | .. | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

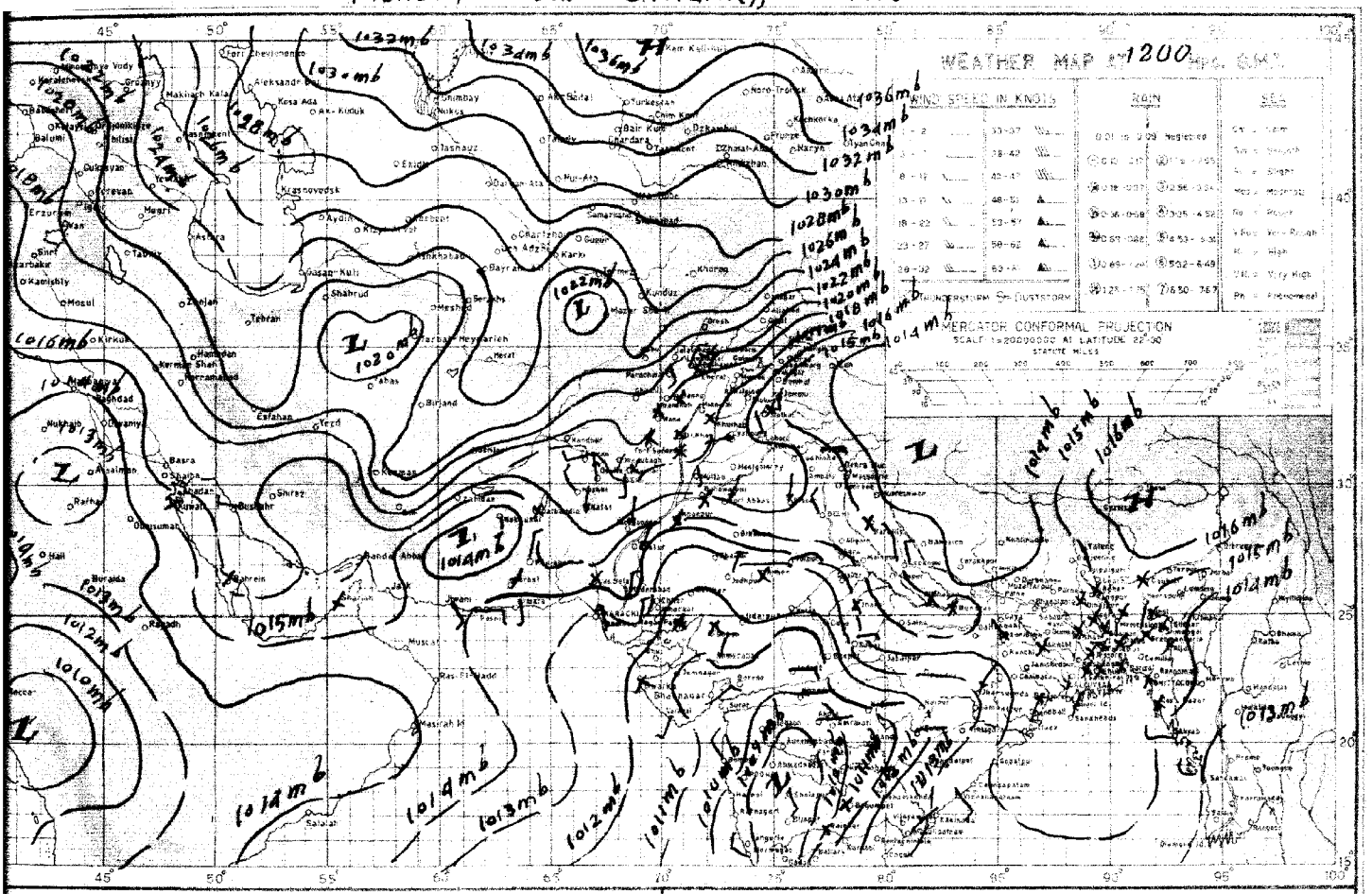
† The actual time of observations may vary within half an hour of the specified time.

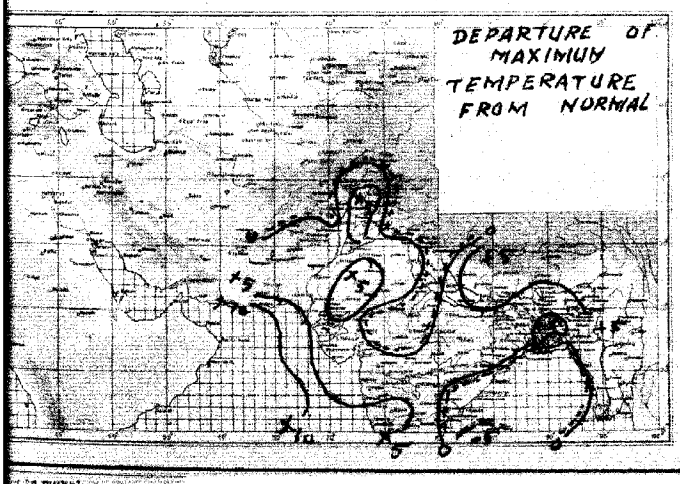
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

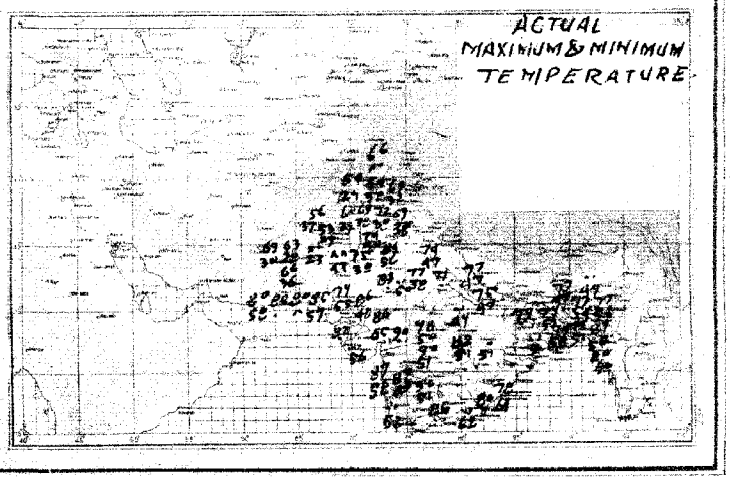
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre l Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

MONDAY 5th JANUARY, 1970.

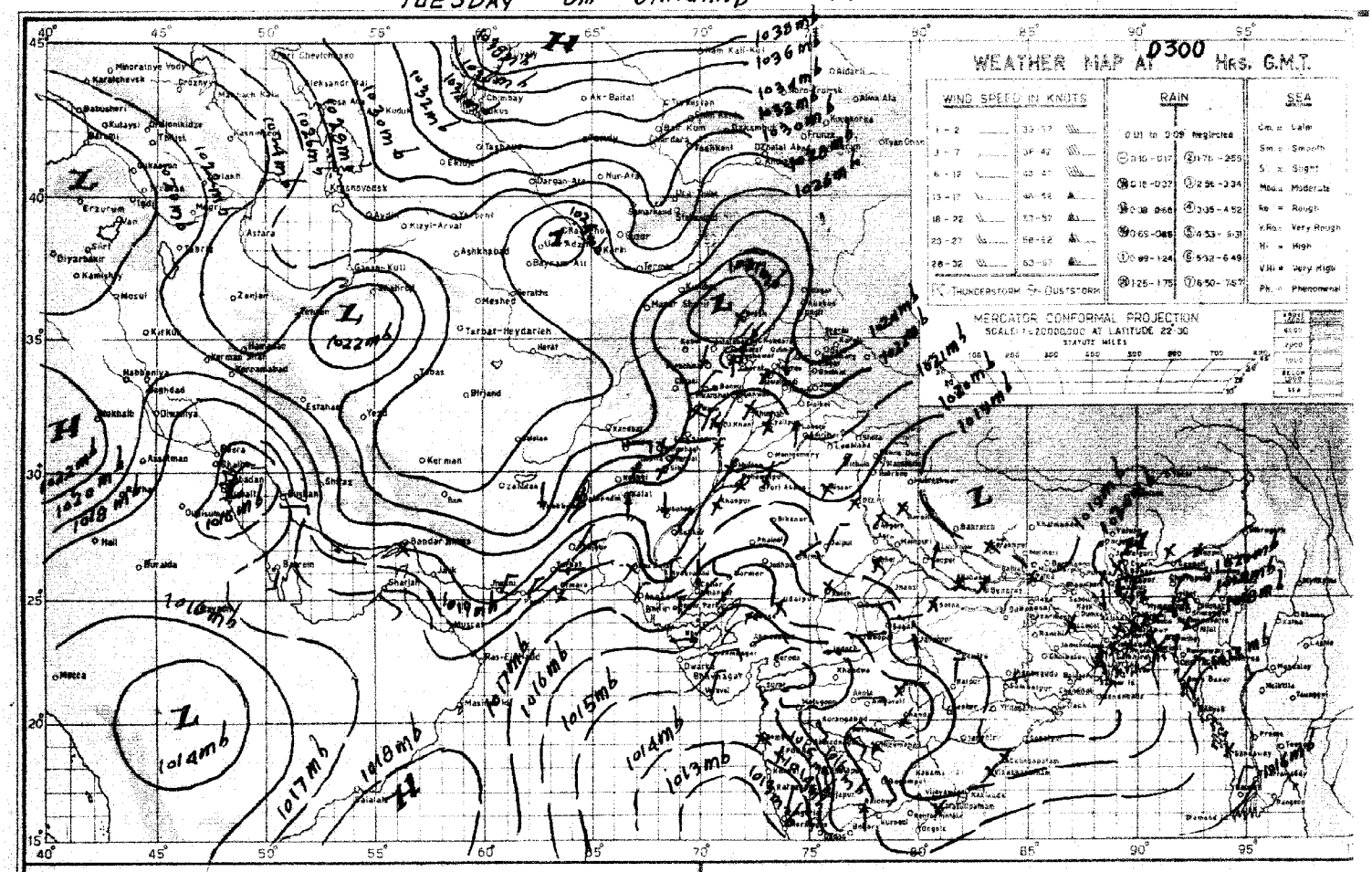


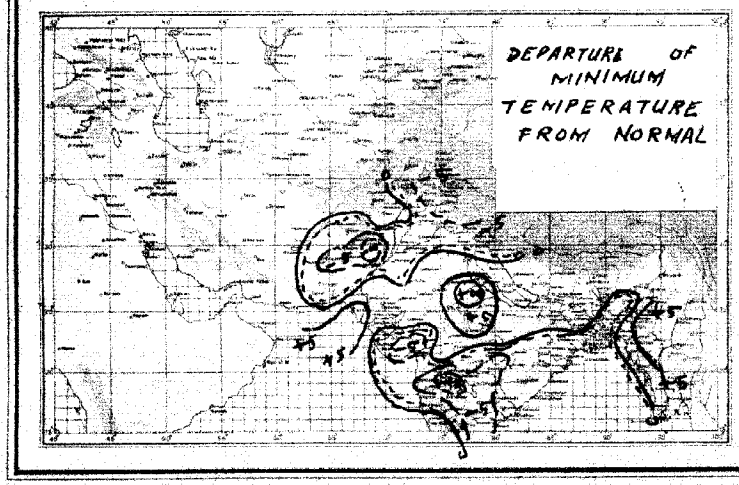



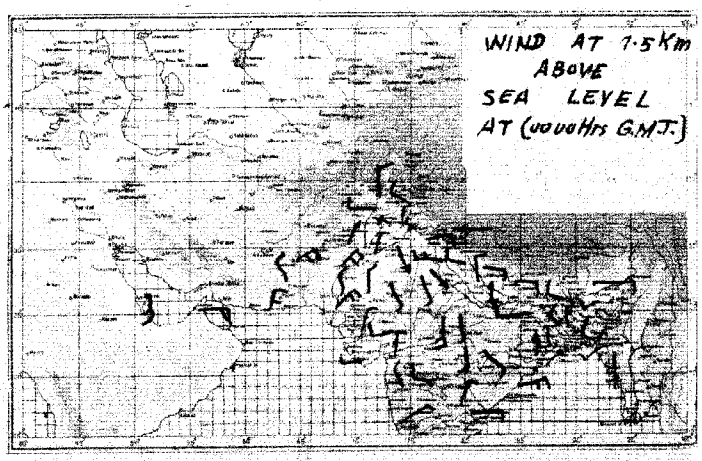



# PAKISTAN DAILY WEATHER MAP

TUESDAY 6th JANUARY 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 7th JANUARY 1970.**

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

Dry continental air continues to prevails over the country where weather remained dry.

Night temperatures were 3—7 °F (2—4 °C) above normal in Chittagong division and were to the same extent below normal in Khulna, Lahore, Sargodha, Multan, Bahawalpur, Quetta, Kalat and Hyderabad divisions.

**Forecast valid until the evening of 8th January 1970 :**—Weather will remain dry over the country.

arachi-11
he 7th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 000 | 0 | 2 | 31 | 06 | // | 04 | 0 | 147 | 73 | 0 | 0 | 7 | 0 | 3 | 64 | 78 |
| Chittagong | 000 | 0 | 0 | 31 | 03 | // | 02 | 0 | 150 | 73 | 1 | 2 | 5 | 3 | 3 | 60 | 82 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 148 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 146 | 78 | 0 | 0 | 9 | 0 | 0 | 73 | 90 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 0 | 67 | 82 |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 144 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 158 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 149 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 156 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| Faridpur | 000 | 0 | 0 | 34 | 02 | 93 | 00 | 0 | 146 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Barisal | 000 | 0 | 0 | 25 | 02 | 95 | 02 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 175 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 156 | 78 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| Jessore | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 154 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 77 |
| Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 152 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 79 |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 157 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 151 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 148 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 161 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 138 | 56 | 0 | 0 | 9 | 0 | 0 | 50 | 77 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 56 | 02 | 0 | 168 | 67 | 0 | 0 | 9 | 0 | 0 | 40 | 70 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 160 | 60 | 0 | 0 | 9 | 0 | 0 | 43 | 70 |
| Jhelum | 000 | 0 | 1 | 00 | 00 | 37 | 03 | 0 | 172 | 67 | 0 | 0 | 9 | 0 | 0 | 36 | 76 |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | /// | 60 | 3 | 5 | 5 | 4 | 1 | 47 | 60 |
| Rawalpindi | 000 | 0 | 6 | 27 | 02 | 98 | 02 | 2 | 181 | 63 | 0 | 0 | 9 | 0 | 8 | 29 | 70 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 171 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Sargodha | 000 | 0 | 1 | 00 | 00 | 97 | 03 | 0 | 173 | 67 | 0 | 0 | 9 | 0 | 1 | 40 | 73 |
| Lyallpur | 000 | 0 | 0 | 29 | 03 | 95 | 00 | 0 | 167 | 68 | 0 | 0 | 9 | 0 | 0 | 49 | 72 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 175 | 73 | 0 | 0 | 9 | 0 | 0 | 40 | 76 |
| Leiah | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 123 | 76 | 0 | 0 | 9 | 0 | 0 | 29 | 76 |
| Khanpur | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 174 | 70 | 0 | 0 | 9 | 0 | 0 | 32 | 72 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 173 | 72 | 0 | 0 | 9 | 0 | 0 | // | 76 |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 159 | 67 | 5 | 0 | 9 | 0 | 0 | 47 | 68 |
| Chakdra | 000 | 0 | 6 | 23 | 02 | 98 | 03 | 1 | 152 | 59 | 6 | 0 | 9 | 0 | 8 | 38 | 59 |
| Peshawar | 000 | 0 | 6 | 00 | 00 | 97 | 01 | 1 | 177 | 64 | 1 | 0 | 9 | 3 | 1 | 36 | 67 |
| Haripur | 000 | 0 | 5 | 31 | 03 | 97 | 02 | 0 | 178 | 64 | 5 | 0 | 9 | 1 | 0 | 44 | 67 |
| Bannu | 000 | 0 | 3 | 09 | 02 | 99 | 02 | 1 | 179 | 64 | 0 | 0 | 9 | 0 | 0 | 40 | 70 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 180 | 64 | 0 | 0 | 9 | 0 | 0 | 47 | 70 |
| Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 184 | 75 | 0 | 0 | 9 | 0 | 0 | 48 | 76 |
| Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 173 | 67 | 0 | 0 | 9 | 0 | 0 | 25 | 71 |
| Turbat | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 12 | 80 |
| Jiwani | 000 | 0 | 2 | 13 | 15 | 96 | 02 | 0 | 167 | 75 | 0 | 0 | 9 | 0 | 1 | 41 | 79 |
| Pasni | 000 | 0 | 0 | 11 | 04 | 97 | 02 | 0 | 154 | 76 | 0 | 0 | 0 | 0 | 0 | 73 | 78 |
| Ormara | 000 | 0 | 2 | 18 | 03 | 96 | 02 | 0 | 172 | 77 | 0 | 0 | 9 | 0 | 0 | 61 | 78 |
| Lasbela | 000 | 0 | 2 | 18 | 03 | 98 | 00 | 0 | 146 | 83 | 0 | 0 | 1 | 0 | 0 | 28 | 85 |
| Karachi (Manora) | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 155 | 77 | 0 | 0 | 9 | 0 | 0 | 35 | 82 |
| Karachi (Ariport) | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 157 | 78 | 0 | 0 | 9 | 0 | 0 | 40 | 80 |
| Nagarparkar | | | | | | | | | | | | | | | | | |
| Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 153 | 77 | 0 | 0 | 9 | 0 | 0 | 22 | 81 |
| Hyderabad | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 168 | 73 | 0 | 0 | 9 | 0 | 0 | 36 | 76 |
| Badin | 000 | 0 | 0 | 36 | 12 | 97 | 02 | 0 | 155 | 77 | 0 | 0 | 9 | 0 | 0 | 35 | 78 |
| Padidan | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 173 | 72 | 0 | 0 | 9 | 0 | 0 | 41 | 74 |
| Nawabshah | 000 | 0 | 0 | 31 | 08 | 96 | 02 | 0 | 173 | 75 | 0 | 0 | 9 | 0 | 0 | 41 | // |
| Sukkur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 173 | 72 | 0 | 0 | 9 | 0 | 0 | 40 | 74 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 173 | 73 | 0 | 0 | 9 | 0 | 0 | 42 | 74 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 541 | 47 | 7 | 0 | 9 | 7 | 0 | 40 | 41 |
| Cherat | 000 | 0 | 5 | 09 | 05 | 97 | 03 | 0 | 526 | 51 | 5 | 5 | 0 | 0 | 0 | 41 | 56 |
| Kakul | 000 | 0 | 8 | 11 | 02 | 98 | 05 | 2 | 553 | 54 | 5 | 4 | 5 | 3 | 1 | 56 | 63 |
| Landikotal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | | | | | | | | | | | | | | | | | |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 524 | // | 0 | 0 | 9 | 0 | 0 | 37 | 62 |
| Wana | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 509 | 57 | 0 | 0 | 9 | 0 | 0 | 14 | 61 |
| Hindubagh | 000 | 0 | 0 | 23 | 09 | 97 | 02 | 0 | /// | 46 | 0 | 0 | 9 | 0 | 0 | 38 | 49 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 505 | 63 | 0 | 0 | 9 | 0 | 0 | 99 | 67 |
| Samungli (Quetta) | 000 | 0 | 0 | 31 | 02 | 96 | 07 | 0 | 530 | 52 | 0 | 0 | 9 | 0 | 0 | 23 | // |
| Chaman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nushki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin | 000 | 0 | 0 | 05 | 02 | 97 | 06 | 0 | 539 | 60 | 0 | 0 | 9 | 0 | 0 | 15 | 64 |
| Kalat | 000 | 0 | 0 | 00 | 02 | 98 | 01 | 3 | 546 | 50 | 0 | 0 | 9 | 0 | 0 | // | // |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| STATIONS (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 3 | 36 | 02 | 92 | 01 | 4 | 185 | 60 | 3 | 3 | 6 | 0 | 0 | 62 | 60 |
| Cox's Bazar | 000 | 0 | 4 | 03 | 02 | 96 | 02 | 0 | 182 | 69 | 4 | 1 | 5 | 2 | 1 | 62 | 62 |
| Chittagong | 000 | 0 | 3 | 00 | 00 | 96 | 05 | 4 | 183 | 64 | 0 | 0 | 9 | 0 | 1 | 60 | 58 |
| Maijdee Court | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 180 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 58 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 187 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 60 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 167 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | // |
| Sylhet | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 173 | 65 | 3 | 5 | 5 | 3 | 0 | 60 | 58 |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 56 | 00 | 0 | 181 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 60 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 184 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 186 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 56 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 31 | 02 | 96 | 05 | 0 | 188 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 51 |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 187 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 51 |
| Barisal | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | 187 | 64 | 0 | 0 | 9 | 0 | 2 | 59 | 49 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 146 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 56 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 196 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 51 |
| Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 185 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 158 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 193 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 51 |
| Rangpur | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 190 | 59 | 2 | 0 | 9 | 1 | 0 | 54 | // |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 224 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 35 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | 000 | 0 | 1 | 08 | 00 | 99 | 41 | 0 | 224 | 35 | 0 | 0 | 9 | 0 | 1 | 32 | 33 |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 07 | 0 | /// | 45 | 1 | 2 | 8 | 0 | 0 | 21 | 40 |
| Rawalpindi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 220 | 38 | 0 | 0 | 9 | 0 | 0 | 69 | // |
| Sargodha | 000 | 0 | 1 | 13 | 03 | 93 | 10 | 0 | 132 | 38 | 1 | 2 | 0 | 9 | 0 | 35 | 35 |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 213 | 38 | 0 | 0 | 9 | 0 | 0 | 30 | 35 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 1 | 00 | 00 | 93 | 44 | 4 | 221 | 41 | 0 | 0 | 9 | 0 | 1 | 40 | 35 |
| Leiah | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 203 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 41 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 55 | 05 | 0 | 218 | 38 | 0 | 0 | 9 | 0 | 0 | 23 | 35 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 224 | 51 | 0 | 0 | 9 | 0 | 0 | 40 | 40 |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 205 | 51 | 0 | 0 | 9 | 0 | 0 | 38 | 54 |
| Chakdra | 000 | 0 | 1 | 05 | 05 | 98 | 03 | 0 | 244 | 28 | 0 | 0 | 9 | 0 | 4 | 24 | 28 |
| Peshawar | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 0 | 223 | 36 | 0 | 0 | 9 | 0 | 1 | 23 | 35 |
| Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 244 | 43 | 0 | 0 | 9 | 0 | 0 | 18 | 38 |
| Bannu | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 219 | 41 | 0 | 0 | 9 | 6 | 0 | 26 | 41 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 218 | 41 | 0 | 0 | 9 | 0 | 0 | 33 | 38 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 223 | 47 | 0 | 0 | 9 | 0 | 0 | 38 | 38 |
| Nokkundi | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 238 | 44 | 0 | 0 | 9 | 0 | 1 | 12 | 39 |
| Turbat | 000 | 0 | 0 | 05 | 03 | 96 | 00 | 0 | /// | 51 | 0 | 0 | 9 | 0 | 0 | 23 | // |
| Jiwani | 000 | 0 | 1 | 36 | 03 | 96 | 03 | 0 | 190 | 02 | 0 | 0 | 9 | 0 | 1 | 27 | 60 |
| Pasni | 000 | 0 | 0 | 13 | 07 | 97 | 02 | 0 | 183 | 59 | 0 | 0 | 0 | 0 | 0 | 53 | // |
| Ormara | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 199 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | // |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 199 | 52 | 0 | 0 | 8 | 0 | 0 | 36 | 38 |
| Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Ariport) | 000 | 0 | 0 | 05 | 02 | 96 | 03 | 0 | 206 | 50 | 0 | 0 | 9 | 0 | 0 | 36 | 49 |
| Nagarparkar | | | | | | | | | | | | | | | | | |
| Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 181 | 49 | 0 | 0 | 9 | 0 | 0 | 22 | 46 |
| Hyderabad | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 208 | 55 | 0 | 0 | 9 | 0 | 0 | 32 | 52 |
| Badin | 000 | 0 | 0 | 36 | 04 | 96 | 02 | 0 | 196 | 46 | 0 | 0 | 9 | 0 | 0 | // | 43 |
| Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 213 | 41 | 0 | 0 | 9 | 0 | 0 | 39 | 38 |
| Nawabshah | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 219 | 41 | 0 | 0 | 9 | 0 | 0 | 36 | 39 |
| Sukkur | 000 | 0 | 0 | 13 | 02 | 94 | 05 | 4 | 211 | 51 | 0 | 0 | 9 | 0 | 0 | 42 | 45 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 201 | 46 | 0 | 0 | 9 | 0 | 0 | 38 | 44 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat | 000 | 0 | 3 | 34 | 05 | 98 | 00 | 0 | 586 | 45 | 0 | 0 | 9 | 0 | 0 | 14 | 45 |
| Kakul | 000 | 0 | 0 | 02 | 02 | 97 | 03 | 0 | 542 | 43 | 0 | 0 | 9 | 0 | 3 | 16 | 38 |
| Landikotal | 000 | 0 | 4 | 05 | 05 | 98 | 01 | 0 | 596 | 28 | 4 | 3 | 9 | 0 | 0 | 16 | 26 |
| Parachinar | | | | | | | | | | | | | | | | | |
| Miranshah | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 525 | 40 | 0 | 0 | 9 | 0 | 0 | 30 | 35 |
| Wana | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 529 | 33 | 0 | 0 | 9 | 0 | 0 | // | 34 |
| Hindubagh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 26 | 0 | 0 | 9 | 0 | 0 | 21 | 21 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 498 | 41 | 0 | 0 | 9 | 0 | 0 | 11 | 39 |
| Samungli (Quetta) | 000 | 0 | 1 | 00 | 08 | 96 | 03 | 0 | 547 | 14 | 0 | 0 | 9 | 0 | 1 | 12 | 14 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 530 | 55 | 0 | 0 | 9 | 0 | 0 | 11 | 32 |
| Nushki | 000 | 0 | 0 | 08 | 00 | 97 | 02 | 0 | 572 | 47 | 0 | 0 | 9 | 0 | 0 | 19 | 44 |
| Dalbandin | 000 | 0 | 1 | 05 | 02 | 97 | 02 | 0 | 513 | 32 | 1 | 0 | 9 | 0 | 3 | 10 | 29 |
| Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 552 | 27 | 0 | 0 | 9 | 0 | 0 | 24 | 26 |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 516 | 38 | 0 | 0 | 9 | 0 | 0 | // | 36 |
| Panjgur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 513 | 35 | 0 | 0 | 9 | 0 | 0 | 15 | 34 |

**Departure from Normal of / Rainfall**

| STATIONS (2) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 0.6 | — | 0.0 | — |
| Cox's Bazar | + | + 6 | 0.7 | — 3.6 | 0.0 | 40 |
| Chittagong | + 1 | + 3 | 1.2 | — 1.6 | 000.0 | 108 |
| Maijdee Court | + 4 | + 1 | 0.3 | — 1.5 | 000.0 | 115 |
| Comilla | + 2 | + 7 | 0.5 | — 1.1 | 0.0 | 194 |
| Brahmanbaria | — | — | 1.3 | — 0.1 | 00.0 | 78 |
| Sylhet | — | — | 1.5 | — | 000.0 | — |
| Srimangal | + 4 | + 2 | 1.5 | — 0.3 | 0.0 | 98 |
| Mymensingh | + 1 | 0 | 0.3 | — 0.7 | 00.0 | 91 |
| Narayanganj | + 3 | + 1 | 1.3 | + 0.1 | 00.0 | 74 |
| Dacca (Tejgaon) | — | — | 1.2 | — | 0.0 | — |
| Faridpur | + 1 | — 1 | 1.6 | + 0.3 | 00.0 | 71 |
| Barisal | + 1 | — 5 | 0.9 | — 0.9 | 00.0 | 81 |
| Khulna | + 5 | + 2 | 1.4 | — 1.0 | 00.0 | 68 |
| Satkhira | — 1 | — 1 | 0.2 | — 1.8 | 00.0 | 65 |
| Jessore | — | | | | | 45 |
| Pabna | | | | | | 59 |
| Sirajganj | + 1 | + 2 | 0.4 | — 0.4 | 00.0 | 64 |
| Rajshahi | + 1 | + 2 | 2.9 | — 2.2 | 00.0 | — |
| Bogra | + 2 | — 1 | 1.2 | + 0.5 | 00.0 | 69 |
| Dinajpur | + 1 | + 2 | 0.7 | + 0.3 | 00.0 | 72 |
| Rangpur | + 2 | — | 0.0 | — 0.5 | 00.0 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | 0 | — 4 | 0.0 | — 0.7 | 00.0 | 19 |
| Sialkot | + 4 | | | | | 33 |
| Jhelum | — | — | 0.1 | — | 00.0 | — |
| Islamabad | — | | 0.0 | — | 0.0 | — |
| Rawalpindi | + 6 | | | | | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 7 | — | 0.0 | — 0.6 | 0.0 | 15 |
| Sargodha | — | — | 0.0 | — | — | — |
| Lyallpur | + 4 | — 4 | 0.0 | — 0.3 | 0.0 | 12 |
| Sahiwal | | | | | | 10 |
| Multan | + 7 | — 7 | 0.0 | — 0.3 | 00.0 | 7 |
| Leiah | — | | 0.0 | | 0.0 | 8 |
| Khanpur | 0 | — 5 | 0.3 | 0.0 | 0.0 | 6 |
| Bahawalpur | + 5 | — 1 | 0.0 | — 0.2 | 0.0 | 6 |
| Fort Abbas | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | — | — | 0.0 | — | 0.0 | — |
| Peshawar | + 3 | — 5 | 0.5 | — 0.6 | 00.0 | 11 |
| Haripur | — | | 0.9 | — | 00.0 | — |
| Bannu | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | 0 | — 2 | 0.0 | — 0.4 | 0.0 | 8 |
| Sibi | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | — | — | 0.0 | — | 0.0 | 2 |
| Turbat | — | — | 0.0 | — | 0.0 | — |
| Jiwani | — | — | 0.8 | — | 0.0 | 5 |
| Pasni | + 2 | — | 0.0 | — 1.2 | 0.0 | 6 |
| Ormara | — | — | 0.0 | — 0.1 | 0.0 | 6 |
| Lasbela | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | + 7 | | | | | 8 |
| Karachi (Ariport) | — | — | 0.0 | — | 0.0 | — |
| Nagarparkar | | | | | | — |
| Chhor | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | — 1 | + 1 | 0.0 | — 0.2 | 0.0 | 9 |
| Badin | + | — 5 | 0.0 | — 0.3 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.0 | — | 0.0 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | + 1 | — 1 | 0.1 | — 0.1 | 0.0 | |
| Veraval | | | | | | 20 |
| HILL STATIONS | | | | | | |
| Srinagar | | | | | | 26 |
| Gulmarg | | | | | | — |
| Sonamarg | | | | | | 71 |
| Dras | | | | | | 26 |
| Leh | | | | | | 3 |
| Skardu | | | | | | 6 |
| Misgar | | | | | | — |
| Aliabad | | | | | | — |
| Gilgit | | | | | | 8 |
| Murree | | | | | | 89 |
| Drosh | + 6 | | | | | 18 |
| Cherat | + 6 | + 6 | 0.6 | — 1.7 | 00.0 | 29 |
| Kakul | — | — | 1.0 | — | 00.0 | — |
| Landikotal | — | — | — | — | — | — |
| Parachinar | | | | | | 29 |
| Miranshah | — | — | 0.0 | — 0.9 | 0.0 | 13 |
| Wana | | | | | | 11 |
| Fort Sandeman | + 3 | + 6 | 0.0 | — 0.7 | 0.0 | 11 |
| Hindubagh | | — | 0.2 | — | 0.0 | — |
| Loralai | | | | | | 9 |
| Barkhan | | | | | | — |
| Harnai | — | — | 0.0 | — 1.0 | 0.0 | 14 |
| Samungli (Quetta) | — 1 | — 17 | 0.7 | — 0.9 | 0.0 | 9 |
| Chaman | — | — 2 | 0.0 | — 1.9 | 0.0 | 8 |
| Nushki | — | — | 0.3 | — | 0.0 | — |
| Dalbandin | + 2 | — 4 | 0.0 | — 0.9 | 0.0 | 4 |
| Kalat | — | — | 0.0 | — 1.3 | 0.0 | 7 |
| Khuzdar | — | — | 0.2 | — | 0.0 | — |
| Panjgur | — | — 3 | 0.0 | — | 0.0 | — |

...en in Code.
...se stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
...se stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
...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.
...en over 999 is given 888 see the summary/notes for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 7th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhCLhCMCH | DsVsaPP | 7RR tRtR | 8NsChshs | OTsTsTdTd | 1TwTwTwtT | 3PwPwHwHw | dwdwPwHwHw |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Hinea ... ... | 99 2 54 | 10 5 81 | 06 0 03 | 09 9 03 | 99 0 20 | 17 0 72 | 00 0 00 | 23 4 00 | | | 05 4 61 | 17 5 00 | 30 2 01 | 00 0 00 |
| Hinea ... ... | 99 2 50 | 10 5 99 | 06 0 53 | 00 8 07 | 99 0 20 | 20 3 74 | 00 0 00 | 23 2 33 | | | 05 2 46 | ... | 30 0 01 | 00 0 00 |
| Hamea ... ... | 99 2 48 | 10 6 13 | 06 1 43 | 21 0 05 | 99 0 20 | 17 4 74 | 00 0 01 | 23 4 60 | | | 05 2 42 | 17 6 53 | 30 2 01 | 10 6 01 |
| Chevoron ... ... | 99 2 23 | 10 6 20 | 06 1 23 | 30 3 07 | 99 0 20 | 17 2 28 | 00 0 01 | ... | | | 0 / / 12 | 12 4 00 | 30 2 01 | 00 / 00 |
| Chivaron ... ... | 99 2 30 | 10 6 07 | 06 1 73 | 30 3 11 | 98 0 30 | 19 5 34 | 00 0 01 | ... | | | 0 / / 12 | 12 4 57 | 38 3 01 | 00 / 00 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong — | 00 00 | 012 150 17 | ... | 580 122 47 | 325 058 / / | 568 143 / / | 754 239 / / | 958 365 / / | 227 757 / / | 404 679 / / | ... | ... | ... | ... |
| Dacca — | 00 00 | 015 130 8 | .. | 458 025 57 | 072 008 56 | 568 165 57 | 731 285 58 | 931 417 / / | 157 577 / / | 376 649 / / | ... | ... | ... | ... |
| Gilgit — | | | | | | | | | | | | | | |
| Jiwani — | | | | | | | | | | | | | | |
| Karachi — | 00 00 | 016 130 60 | ... | 450 014 23 | 040 091 / / | 555 281 / / | 712 391 / / | 904 495 / / | ... | ... | ... | ... | ... | ... |
| Multan — | 00 00 | 005 040 19 | ... | 508 124 50 | 023 010 53 | 578 073 35 | 749 191 / / | 951 278 / / | ... | | .. | ... | ... | ... |
| Peshawar — | 00 00 | 9.8 026 57 | ... | 450 062 58 | 061 043 57 | 563 192 57 | 725 311 56 | 925 457 / / | 184 537 / / | 265 557 / / | ... | ... | ... | ... |
| Quetta — | 00 00 | ... | ... | MISDA | ... | | | | | ... | ... | ... | ... | — |
| Sargodha — | 00 00 | 997 090 57 | ... | 480 050 55 | 064 035 55 | 565 175 / / | 734 261 / / | 931 351 / / | 208 475 / / | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE PtTtPtTtTtTat | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 142 40 | 808 106 / / | 600 051 / / | 350 313 / / | ... | ... | — | — | ... | — | — | — |
| Dacca ... | 00 00 | 900 102 56 | 800 060 57 | 600 051 16 | 350 057 57 | ... | ... | ... | ... | — | ... | ... | — |
| Gilgit . | | | | | | | | | | | | | |
| Jiwani . | | | | | | | | | | | | | |
| Karachi . | 00 00 | — | ... | .. | ... | — | ... | ... | ... | ... | ... | ... | — |
| Multan ... | 00 00 | — | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar — | 00 00 | ... | .. | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. —> | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 |
| Barisal ... | 345 10 | 345 10 | 010 04 | 255 03 | 330 06 | ... | — | — | ... | 335 08 | 350 12 | 340 17 | 295 13 | 241 45 | 265 13 | 305 07 | 320 07 | 325 11 | 305 19 | ... | | | ... | ... | ... |
| Bogra ... | 330 04 | 330 04 | 360 04 | 340 02 | 380 08 | 280 10 | ... | ... | ... | 345 08 | 350 06 | 360 06 | 315 10 | 255 10 | 250 19 | 330 12 | 320 11 | 325 09 | 310 19 | 315 16 | 290 11 | 270 45 | ... | ... | ... |
| Chaklala — | — | 270 12 | 255 01 | 250 09 | 225 06 | 180 06 | 255 12 | 260 12 | 250 19 | | 140 06 | 205 06 | 305 04 | 290 05 | 305 07 | | ... | | | ... | | | ... | ... | ... |
| Chhor — | 020 19 | 010 22 | 020 18 | 025 05 | 020 08 | 005 07 | 325 12 | 310 33 | 305 26 | 065 06 | 055 03 | 060 17 | 270 09 | 050 17 | 335 10 | 065 10 | 055 11 | 090 09 | 310 17 | 085 05 | 310 07 | 285 15 | 285 20 | 289 15 | 280 41 |
| Chittagong — | 220 09 | 205 13 | 170 17 | 135 23 | 155 16 | 235 21 | — | ... | .. | ... | — | — | ... | ... | .. | 220 05 | 250 04 | 185 04 | 210 10 | 225 13 | 200 22 | 235 16 | 225 68 | 220 69 | 230 73 |
| Cherat ... | ... | ... | ... | ... | ... | ... | — | — | ... | .. | ... | | | | | | | | | | | | | | |
| Cox's Bazar — | 385 01 | 260 07 | 195 06 | 160 18 | 150 08 | 170 10 | — | ... | ... | 340 04 | 325 02 | 235 02 | 290 04 | 280 05 | ... | 273 06 | 310 06 | 250 12 | 190 08 | 220 14 | 225 14 | ... | ... | ... | ... |
| Dacca — | 305 06 | 305 10 | 015 05 | 210 03 | 160 09 | 260 10 | ... | .. | .. | 345 08 | 330 05 | 335 08 | ... | | | 300 10 | 290 10 | 305 14 | 305 19 | 310 25 | 240 26 | 260 33 | 245 35 | 295 13 | 255 56 |
| Dalbandin .. | — | .. | 090 02 | 040 07 | 010 05 | 310 07 | 311 09 | 310 07 | 300 32 | .. | ... | 075 05 | 075 10 | 050 17 | 035 27 | ... | | 080 01 | 170 05 | 240 05 | 22 02 | 250 15 | 255 01 | 255 17 | 360 32 |
| D. I. Khan . | 005 01 | 100 01 | 155 01 | 210 03 | 330 02 | 255 05 | 260 02 | 282 01 | 280 12 | 035 05 | 050 05 | 051 06 | 145 07 | 025 07 | 310 04 | 210 03 | 205 04 | 200 04 | 215 04 | 105 03 | 215 04 | 210 03 | 330 12 | 280 43 | 280 22 |
| Drosh . | .. | ... | ... | 065 01 | 360 09 | 180 03 | 245 16 | 275 19 | 270 23 | ... | — | ... | 010 04 | 100 01 | 035 06 | ... | ... | - | ... | ... | ... | ... | . | ... | ... |
| Fort Sandeman .. | .. | . | ... | 280 02 | 285 03 | 295 06 | 280 15 | 285 20 | 290 22 | ... | ... | ... | 120 15 | 135 15 | 260 12 | ... | ... | - | | | | | | | |
| Gilgit ... | ... | ... | - | — | — | ... | ... | ... | ... | .. | .. | | ... | ... | ... | ... | | | 230 03 | 210 03 | 050 03 | 015 08 | 270 15 | 260 12 | 290 33 |
| Ishurdi ... | 340 08 | 340 07 | 340 07 | 335 11 | 310 12 | 285 23 | ... | ... | .. | 330 08 | 320 13 | 325 13 | 310 19 | 310 28 | 315 28 | 325 03 | 310 09 | 220 09 | 360 06 | 295 06 | 295 14 | | ... | | ... |
| Jacobabad — | 180 02 | 020 01 | 030 03 | 335 05 | 330 50 | 275 09 | 315 15 | 315 26 | 310 28 | 085 01 | 095 05 | 105 06 | 175 07 | 260 06 | 180 06 | 225 02 | 220 02 | 185 02 | 055 05 | 105 02 | 240 08 | 295 19 | 290 25 | 285 29 | 280 35 |
| Jessore ... | 350 08 | 355 08 | 360 09 | 350 12 | 340 12 | 300 07 | ... | ... | ... | 310 08 | 3 0 10 | 335 11 | 330 19 | 320 15 | 245 19 | 335 01 | 365 21 | 370 53 | 310 13 | 310 27 | 265 21 | 270 26 | 270 53 | 345 54 | . |
| Jhelum — | 120 02 | 270 05 | 200 08 | 275 08 | 255 06 | 230 06 | 220 05 | 275 15 | 260 17 | 335 01 | 330 10 | 335 09 | 330 84 | 335 09 | 005 04 | | | ... | | ... | | | ... | | ... |
| Jiwani . | 110 09 | 070 07 | 045 08 | 015 08 | 015 09 | 030 08 | 305 12 | 300 18 | 300 25 | 230 02 | 175 03 | 060 03 | 085 09 | 055 09 | 220 05 | 360 04 | 250 04 | 190 05 | 130 06 | 125 05 | 355 06 | 230 17 | 255 24 | 245 07 | 255 26 |
| Karachi — | 040 08 | 025 12 | 020 14 | 025 12 | 015 08 | 360 06 | 305 31 | 310 31 | 390 29 | | ... | | ... | | ... | 060 08 | 040 10 | 055 08 | 050 10 | 110 07 | 340 04 | 260 10 | 275 10 | 275 22 | ... |
| Khanpur — | 070 07 | 060 05 | 060 08 | 065 08 | 095 03 | 340 04 | 320 11 | 320 15 | 315 17 | 070 05 | 065 01 | 040 07 | 350 03 | 330 05 | 330 03 | 120 10 | 090 11 | 184 13 | 085 51 | 090 13 | 065 01 | 200 05 | 300 15 | 283 15 | 285 32 |
| Khuzdar ... | ... | ... | ... | ... | ... | | | | | ... | — | ... | 305 03 | 320 03 | 335 02 | ... | | | 040 04 | 180 07 | 250 70 | 270 14 | 235 17 | 2.0 23 | 265 31 |
| Lahore . | 330 04 | 300 03 | 310 06 | 210 08 | 320 06 | 330 03 | 258 02 | 245 04 | 258 04 | — | | | | | | 045 09 | 010 12 | 345 12 | 335 13 | 315 06 | 140 04 | 285 17 | 3.5 28 | 305 26 | 300 31 |
| Multan ... | 095 07 | 115 06 | 120 06 | 345 08 | 335 14 | 210 02 | 290 15 | 280 22 | 285 12 | 160 03 | 185 53 | 205 03 | 210 05 | 220 07 | 240 12 | 105 04 | 155 04 | 175 04 | 145 08 | 125 17 | 130 15 | 315 02 | 270 12 | 295 14 | 300 31 |
| Nawab Shah | 360 80 | 035 08 | 030 08 | 360 07 | 350 05 | 320 12 | 310 26 | 305 38 | 305 46 | 040 14 | 035 12 | 030 12 | 045 10 | 030 08 | 020 10 | 070 03 | 030 10 | 053 09 | 070 07 | 085 05 | 095 06 | 295 19 | 285 23 | 285 24 | 280 30 |
| Nokkundi .. | — | ... | ... | ... | | ... | ... | | ... | ... | ... | ... | ... | | ... | ... | | | | ... | | | | | ... |
| Panjgur — | ... | ... | 040 01 | 050 01 | 025 06 | 230 03 | 300 09 | 315 20 | 318 27 | ... | . | 085 07 | 085 10 | 100 17 | 085 10 | ... | — | ... | 140 10 | 090 05 | 255 11 | 220 18 | 255 22 | 260 14 | |
| Peshawar ... | . | | | ... | | | | | ... | .. | ... | | 345 09 | 330 13 | 120 16 | ... | ... | — | 210 04 | 225 14 | 005 02 | 245 19 | 260 23 | 260 19 | 250 33 |
| Parachinar ... | ... | 120 02 | 275 03 | 301 02 | 340 02 | 300 13 | 295 18 | 245 10 | ... | ... | 330 06 | 335 06 | 325 16 | 350 05 | 350 05 | ... | 355 04 | 280 04 | 310 05 | 270 04 | 250 10 | 290 25 | 280 30 | 290 41 | — |
| Quetta . | ... | ... | | 330 03 | 130 04 | 251 05 | 270 12 | 3:3 37 | 290 12 | ... | | ... | 340 0[illegible] | 060 03 | ... | ... | ... | | ... | ... | | | | | |
| Sargodha — | ... | | | ... | 295 07 | 310 07 | 295 10 | 300 20 | ... | No | Ascent | ... | ... | ... | ... | | | | | 165 12 | 205 12 | 255 31 | 245 27 | 265 29 | .. |
| Skardu ... | 245 01 | 335 01 | 315 03 | 385 07 | 185 04 | 220 07 | 260 12 | 285 01 | ... | ... | | | | | ... | 090 02 | 320 05 | 320 05 | 050 01 | 320 01 | 355 03 | 290 15 | 285 23 | 320 16 | 290 38 |
| Sylhet ... | .. | ... | ... | 110 03 | 210 01 | 130 07 | 105 09 | — | ... | 090 03 | 095 09 | 143 09 | 190 13 | 210 01 | ... | 100 05 | 190 09 | 190 11 | 175 18 | 185 15 | 220 18 | ... | ... | ... | ... |
| Veraval ... | ... | ... | | ... | ... | . | | ... | ... | ... | . | ... | ... | . | ... | | ... | ... | ... | ... | .. | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong — | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi . | 035 07 | 030 22 | 030 21 | 020 15 | 145 10 | 028 12 | 295 14 | 230 24 | 290 35 | 285 26 | 285 46 | ... | ... | ... | ... | ... | ... | |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta . | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

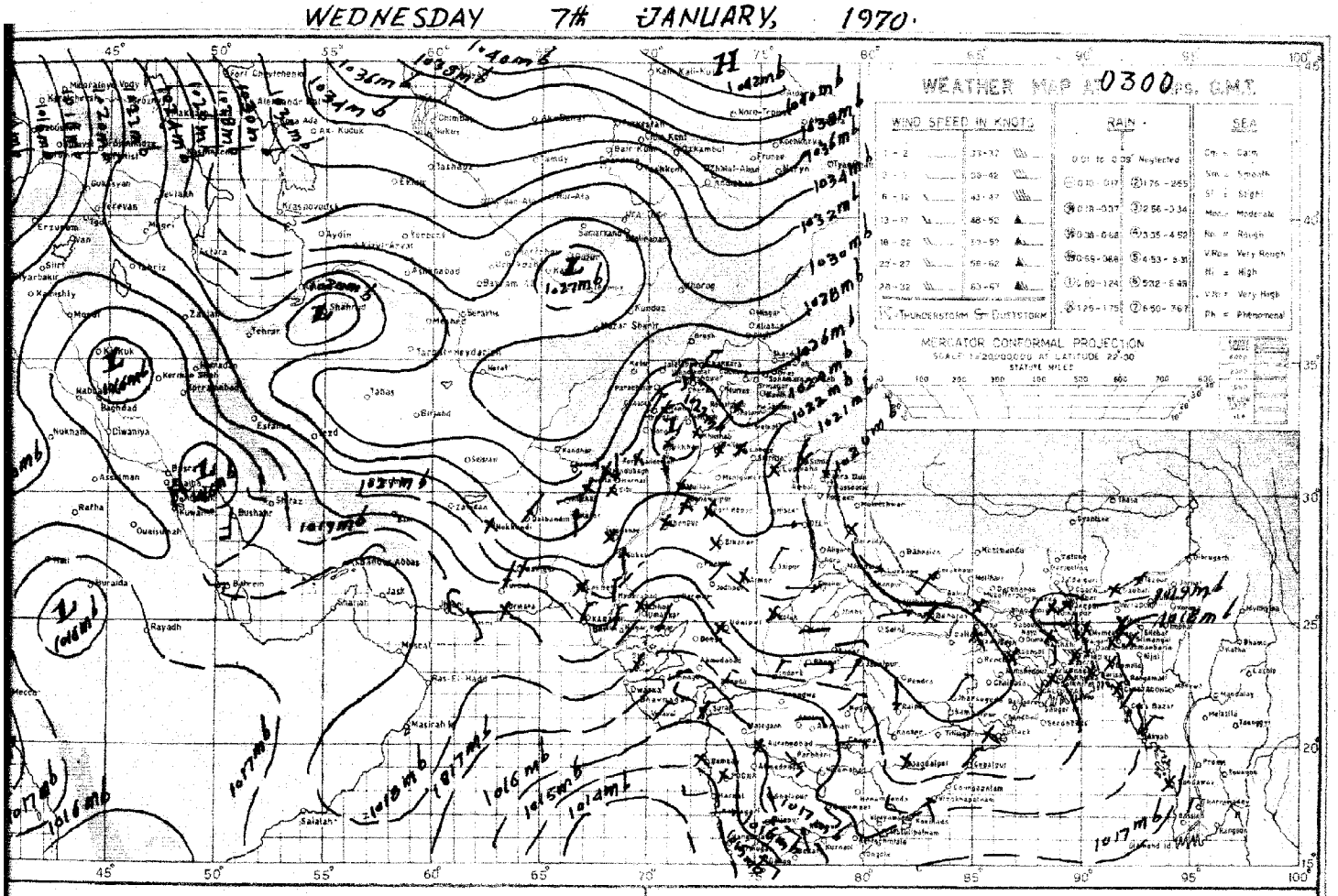
† The actual time of observations may vary within half an hour of the specified time.

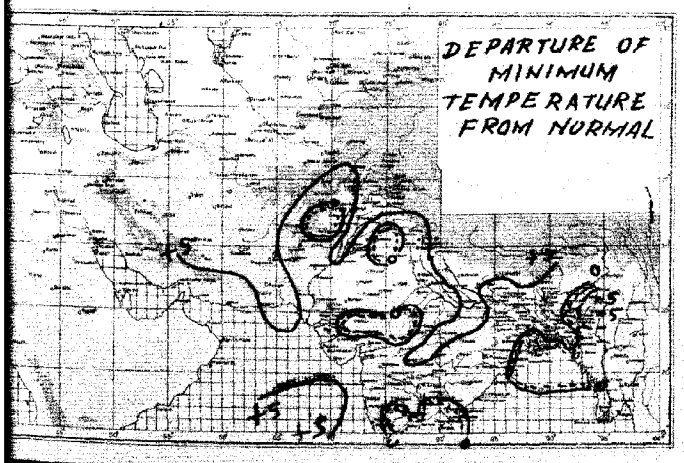
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

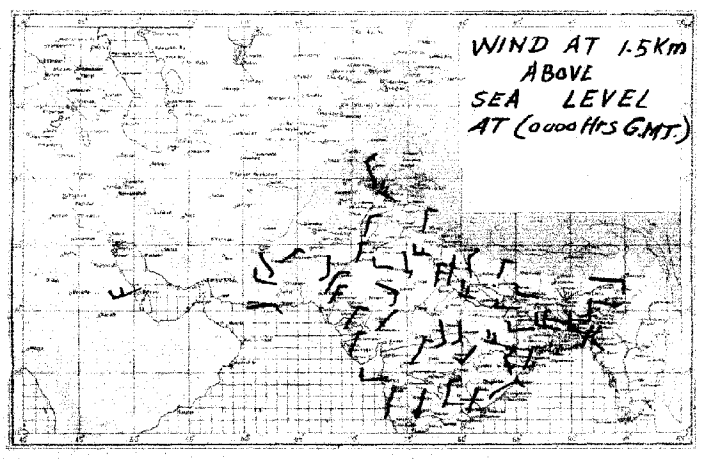
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (Air Port) KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7th JANUARY, 1970.

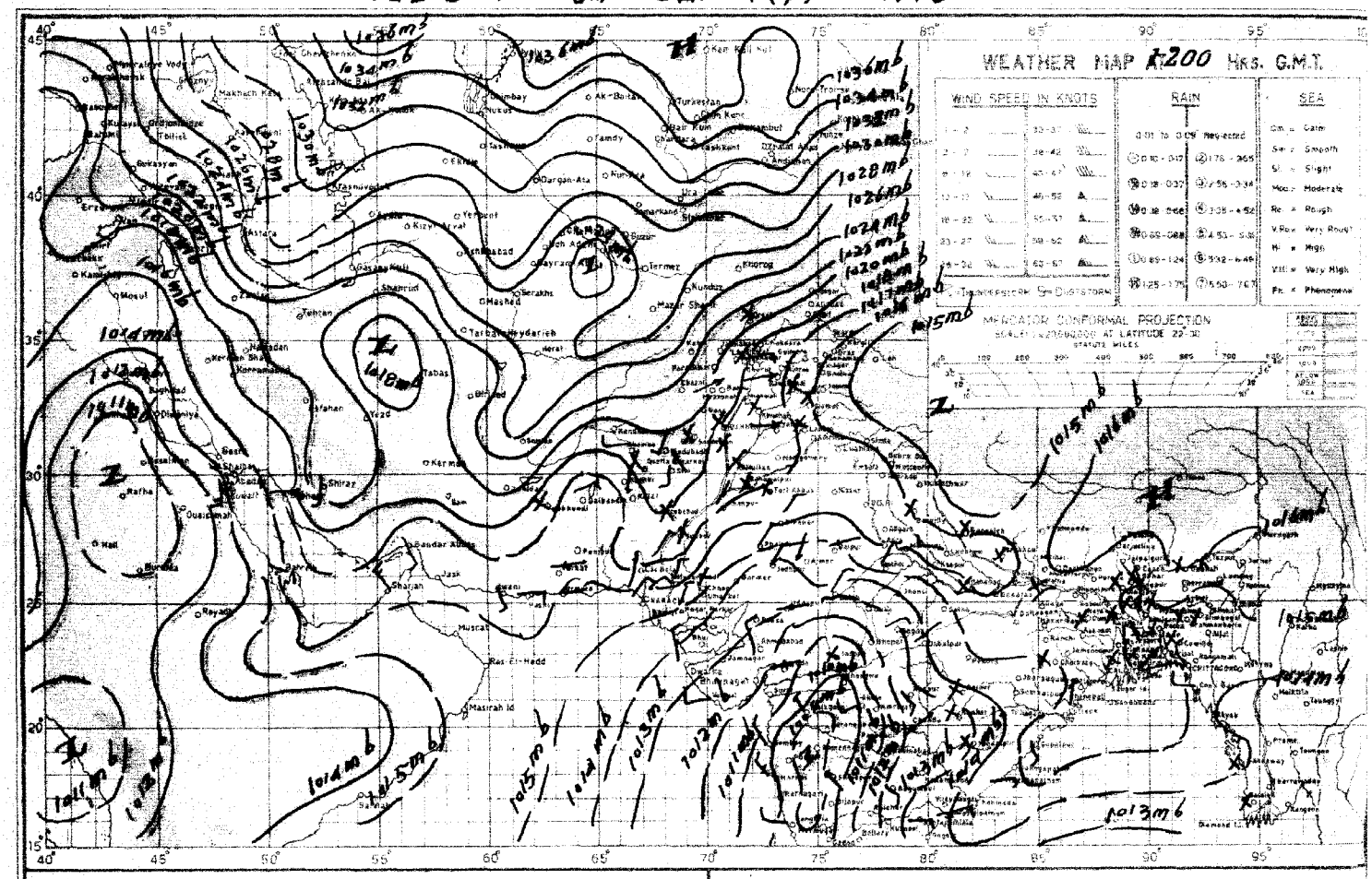


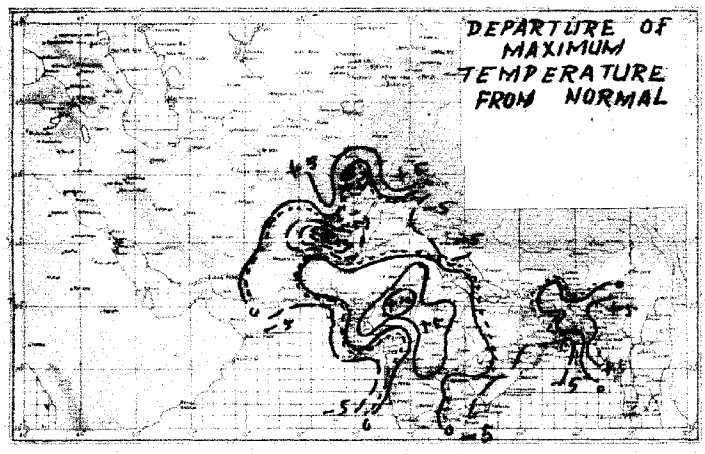



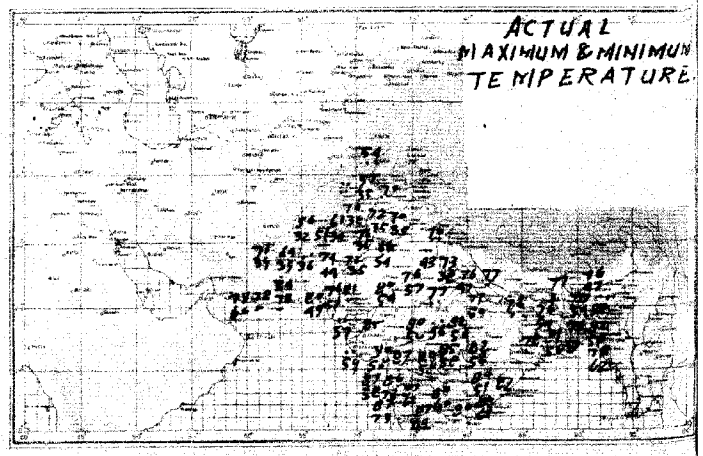



# PAKISTAN DAILY WEATHER MAP

TUESDAY 6th JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**THURSDAY THE 8th JANUARY 1970.**

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

A western disturbance is moving across Russian Turkistan. Its associated trough lies over Peshawar division. Another western disturbance lies over southeast Iran and adjoining Kalat division.

A few falls of light drizzle have occured in Peshawar division, otherwise dry weather prevailed over the country.

Night temperatures were 3—6 °F (2—3 °C) above normal in Chittagong, Peshawar and Karachi divisions and were to the same extent below normal in Rawalpindi, Multan, Bahawalpur and Hyderabad divisions.

**Forecast valid until the evening of 9th January 1970** :—Scattered thunderstorms/showers with snow falls over the hills are likely to occur in Peshawar, Rawalpindi divisions and in Kashmir. A few falls of rain/drizzle are also likely to occur in Quetta division. Weather will be dry elsewhere over the country.

Karachi-11
The 8th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)* PPP (11) | Dry Bulb temperature* TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 4 | 31 | 02 | // | 01 | 0 | 148 | 77 | 3 | 3 | 6 | 0 | 0 | 25 | 80 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 03 | // | 0 | 0 | 150 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 78 |
| | Chittagong | 000 | 0 | 5 | 27 | 02 | // | 02 | 2 | 153 | 70 | 1 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 149 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 80 |
| | Brahmanbaria | 000 | 0 | 4 | 00 | 00 | // | 03 | 1 | 146 | 70 | 0 | 0 | 9 | 0 | 0 | 64 | 77 |
| | Sylhet | 000 | 0 | 4 | 23 | 05 | // | 02 | 0 | 137 | 70 | 4 | 0 | 9 | 0 | 0 | 63 | 90 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 157 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Narayanganj | 000 | 0 | 0 | 08 | 00 | // | 00 | 0 | 152 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 32 | 03 | 97 | 02 | 2 | 151 | 70 | 0 | 0 | 9 | 0 | 1 | 56 | 77 |
| | Faridpur | 000 | 0 | 2 | 34 | 02 | 93 | 01 | 1 | 147 | 77 | 0 | 0 | 9 | 0 | 1 | 54 | 76 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 00 | 00 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 173 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 150 | 79 | 0 | 0 | 9 | 0 | 0 | 60 | 80 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 154 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 152 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| | Sirajganj | 000 | 0 | 4 | 36 | 01 | // | 02 | 2 | 145 | 73 | 4 | 0 | 7 | 0 | 4 | 54 | 76 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 152 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| | Bogra | 000 | 0 | 2 | 31 | 04 | // | 03 | 0 | 143 | 67 | 0 | 0 | 9 | 0 | 0 | 50 | 76 |
| | Dinajpur | 000 | 0 | 4 | 00 | 00 | // | 01 | 1 | 149 | 68 | 4 | 0 | 9 | 2 | 1 | 58 | 76 |
| | Rangpur | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 144 | 56 | 2 | 0 | 9 | 3 | 0 | 50 | 77 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 95 | 05 | 1 | 183 | 64 | 1 | 0 | 9 | 3 | 2 | 36 | 70 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | /// | 60 | 0 | 0 | 9 | 0 | 0 | 41 | 76 |
| Rawalpindi | Jhelum | 000 | 0 | 3 | 27 | 02 | 96 | 01 | 1 | 182 | 64 | 0 | 0 | 9 | 0 | 0 | 36 | 73 |
| | Islamabad | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 0 | /// | 56 | 2 | 4 | 6 | 3 | 1 | 32 | 56 |
| | Rawalpindi | 000 | 0 | 6 | 27 | 02 | 98 | 02 | 2 | 188 | 60 | 0 | 0 | 9 | 0 | 4 | 25 | 64 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 176 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | // |
| | Sargodha | 000 | 0 | 5 | 27 | 03 | 96 | 04 | 1 | 180 | 67 | 0 | 0 | 2 | 0 | 0 | // | // |
| | Lyallpur | 000 | 0 | 0 | 29 | 02 | 95 | 00 | 0 | 193 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 70 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 182 | 60 | 0 | 0 | 9 | 0 | 4 | 34 | 73 |
| | Leiah | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 171 | 78 | 0 | 0 | 9 | 0 | 0 | 29 | 78 |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 165 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 73 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 182 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 72 |
| Peshawar | Chakdra | | | | | | | | | | | | | | | | | |
| | Peshawar | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 1 | 187 | 60 | 0 | 0 | 9 | 0 | 0 | 36 | 67 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 2 | 184 | 63 | 0 | 0 | 9 | 0 | 6 | 38 | 67 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 185 | 63 | 0 | 0 | 9 | 0 | 0 | 49 | 70 |
| Quetta | Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 1 | 180 | 74 | 0 | 2 | 9 | 2 | 0 | 48 | 76 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 155 | 68 | 0 | 0 | 9 | 4 | 0 | 23 | 69 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | /// | 80 | 5 | 0 | 9 | 0 | 0 | 19 | 80 |
| | Jiwani | 000 | 0 | 0 | 18 | 09 | 96 | 02 | 0 | 167 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Pasni | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 168 | 78 | 0 | 0 | 0 | 0 | 0 | 62 | 80 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 07 | 96 | 02 | 0 | 171 | 74 | 0 | 0 | 9 | 0 | 0 | 61 | 76 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 156 | 81 | 1 | 0 | 8 | 0 | 0 | 46 | 83 |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 157 | 76 | 0 | 0 | 9 | 0 | 0 | 38 | 80 |
| | Karachi (Airport) | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 162 | 77 | 0 | 0 | 9 | 0 | 1 | 33 | 81 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 171 | 84 | 0 | 0 | 9 | 0 | 0 | 84 | 84 |
| | Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 01 | 0 | 152 | 80 | 0 | 0 | 9 | 0 | 0 | 29 | 73 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 172 | 53 | 0 | 0 | 9 | 0 | 0 | 33 | 75 |
| | Badin | 000 | 0 | 0 | 36 | 10 | 97 | 02 | 0 | 159 | 77 | 0 | 0 | 9 | 0 | 0 | 47 | 79 |
| Khairpur | Padidan | 000 | 0 | 1 | 05 | 03 | 97 | 03 | 0 | 184 | 72 | 0 | 0 | 9 | 0 | 0 | 36 | 73 |
| | Nawabshah | 000 | 0 | 1 | 36 | 05 | 96 | 03 | 0 | 178 | 73 | 0 | 0 | 9 | 0 | 1 | 40 | 75 |
| | Sukkur | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 174 | 72 | 0 | 0 | 9 | 0 | 0 | 42 | 75 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 177 | 71 | 0 | 0 | 9 | 0 | 4 | 37 | 73 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh * | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 1 | 528 | 45 | 0 | 0 | 9 | 1 | 2 | 37 | 56 |
| | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 550 | 56 | 0 | 0 | 9 | 0 | 0 | 16 | 58 |
| | Kakul * | 000 | 0 | 4 | 16 | 03 | 94 | 03 | 5 | 527 | 49 | 2 | 3 | 5 | 4 | 0 | 22 | 49 |
| | Landikotal * | 000 | 0 | 4 | 05 | 05 | 98 | 01 | 2 | 620 | 50 | 4 | 3 | 9 | 0 | 0 | 40 | 56 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 560 | 60 | 0 | 0 | 9 | 0 | 0 | 27 | 63 |
| | Wana * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 000 | 0 | 4 | 23 | 03 | 97 | 03 | 0 | 511 | 59 | 1 | 0 | 9 | 3 | 1 | 07 | 61 |
| | Hindubagh * | 000 | 0 | 6 | 20 | 09 | 97 | 03 | 0 | /// | 48 | 6 | 2 | 7 | 0 | 0 | 30 | 50 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 584 | 62 | 0 | 0 | 9 | 0 | 0 | 04 | 62 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 518 | 54 | 4 | 0 | 9 | 3 | 1 | 43 | 55 |
| | Chaman * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 536 | 56 | 0 | 0 | 9 | 0 | 0 | 23 | 60 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 569 | 63 | 0 | 0 | 9 | 0 | 0 | 31 | 60 |
| | Dalbandin * | 000 | 0 | 4 | 31 | 02 | 97 | 03 | 0 | 521 | 65 | 0 | 0 | 9 | 4 | 0 | 03 | 78 |
| Kalat | Kalat * | 000 | 0 | 0 | 23 | 02 | 97 | 00 | 2 | 508 | 53 | 0 | 0 | 9 | 0 | 0 | 15 | 57 |
| | Khuzdar * | | | | | | | | | | | | | | | | | |
| | Panjgur * | 000 | 0 | 0 | 23 | 03 | 96 | 01 | 0 | 512 | 65 | 0 | 0 | 9 | 0 | 1 | 39 | 71 |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths)* PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 1 | 27 | 02 | 97 | 01 | 4 | 193 | 65 | 1 | 1 | 7 | 0 | 0 | 60 | 60 |
| Cox's Bazar | 000 | 0 | 4 | 36 | 05 | 95 | 02 | 0 | 176 | 69 | 1 | 3 | 5 | 4 | 0 | 56 | 65 |
| Chittagong | 000 | 0 | 1 | 05 | 02 | 96 | 05 | 1 | 184 | 65 | 0 | 0 | 9 | 0 | 2 | 58 | 56 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 179 | 69 | 0 | 0 | 9 | 0 | 0 | 50 | 56 |
| Comilla | 000 | 0 | 0 | 10 | 00 | 96 | 02 | 0 | 166 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 59 |
| Brahmanbaria | 000 | 0 | 0 | 06 | 00 | 96 | 00 | 0 | 190 | 69 | 0 | 0 | 9 | 0 | 0 | 62 | 56 |
| Sylhet | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 191 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 50 |
| Srimangal | — | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 191 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 188 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 56 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 185 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Faridpur | 000 | 0 | 0 | 02 | 03 | 97 | 00 | 0 | 189 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| Barisal | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 187 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 176 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 56 |
| Satkhira | 000 | 0 | 0 | 35 | 01 | 97 | 00 | 0 | 189 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 95 | 01 | 0 | 185 | 60 | 0 | 0 | 9 | 0 | 0 | 38 | 50 |
| Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 189 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 50 |
| Rajshahi | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 197 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 186 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 |
| Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | /// | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 51 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 07 | 0 | 190 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | // |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 94 | 10 | 0 | 204 | 38 | 1 | 0 | 9 | 3 | 2 | 33 | 38 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | 000 | 0 | 5 | 00 | 00 | 95 | 05 | 1 | /// | 40 | 1 | 0 | 9 | 3 | 5 | 30 | 35 |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | /// | 45 | 1 | 2 | 5 | 6 | 1 | 79 | 40 |
| Rawalpindi | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 216 | 38 | 0 | 0 | 9 | 5 | 0 | 29 | 33 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | 195 | 40 | 0 | 0 | 9 | 7 | 0 | 38 | 38 |
| Sargodha | 000 | 0 | 0 | 23 | 01 | 96 | 04 | 1 | 198 | 40 | 5 | 0 | 9 | 3 | 1 | 38 | 38 |
| Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 202 | 41 | 0 | 0 | 9 | 0 | 4 | 35 | 38 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 0 | 00 | 00 | 94 | 42 | 9 | 205 | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 38 |
| Leiah | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 174 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 38 |
| Khanpur | | | | | | | | | | | | | | | | | |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 198 | 40 | 0 | 0 | 9 | 0 | 0 | 30 | 35 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakdra | | | | | | | | | | | | | | | | | |
| Peshawar | 000 | 0 | 7 | 18 | 03 | 96 | 04 | 2 | 207 | 45 | 2 | 0 | 9 | 2 | 1 | 35 | 40 |
| Haripur | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 211 | 45 | 8 | 0 | 9 | 7 | 0 | 20 | 41 |
| Bannu | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 2 | 220 | 47 | 3 | 2 | 7 | 4 | 0 | 32 | 40 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 205 | 45 | 6 | 0 | 9 | 4 | 0 | 35 | 40 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 20 | 2 | /// | 70 | 0 | 0 | 9 | 0 | 0 | 36 | 39 |
| Nokkundi | 000 | 0 | 0 | 05 | 03 | 96 | 03 | 0 | 187 | 49 | 3 | 0 | 9 | 3 | 0 | 03 | 43 |
| Turbat | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 57 | 0 | 0 | 9 | 0 | 0 | 17 | // |
| Jiwani | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 178 | 62 | 0 | 0 | 9 | 0 | 0 | 53 | 60 |
| Pasni | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 185 | 58 | 0 | 0 | 0 | 0 | 0 | 41 | // |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 188 | 59 | 0 | 0 | 9 | 0 | 0 | 55 | // |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 185 | 46 | 0 | 0 | 8 | 0 | 0 | 36 | 36 |
| Karachi (Manora) | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 178 | 62 | 0 | 0 | 9 | 0 | 0 | 37 | 40 |
| Karachi (Airport) | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 182 | 52 | 0 | 0 | 9 | 0 | 0 | 33 | 48 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 57 | 02 | 0 | 194 | 66 | 0 | 0 | 0 | 0 | 0 | 63 | 66 |
| Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 755 | 50 | 0 | 0 | 9 | 0 | 0 | 17 | 45 |
| Hyderabad | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 188 | 53 | 0 | 0 | 9 | 0 | 0 | 35 | 52 |
| Badin | 000 | 0 | 0 | 36 | 04 | 96 | 02 | 0 | 201 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 42 |
| Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 201 | 37 | 0 | 0 | 9 | 0 | 0 | // | 35 |
| Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 198 | 41 | 0 | 0 | 9 | 0 | 0 | 36 | 39 |
| Sukkur | 000 | 0 | 0 | 13 | 03 | 95 | 05 | 4 | 198 | 52 | 0 | 0 | 9 | 0 | 0 | 52 | 44 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 197 | 47 | 0 | 0 | 9 | 0 | 0 | 39 | 45 |
| Veraval | | | | | | | | | | | | | | | | | |
| Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat * | 000 | 0 | 1 | 13 | 13 | 97 | 02 | 1 | 523 | 43 | 5 | 5 | 0 | 0 | 0 | 30 | 43 |
| Kakul * | 000 | 0 | 8 | 36 | 02 | 97 | 03 | 2 | 574 | 45 | 3 | 2 | 6 | 2 | 1 | 14 | 41 |
| Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar * | 000 | 0 | 6 | 12 | 03 | 97 | 02 | 2 | 532 | 28 | 2 | 5 | 6 | 1 | 4 | 12 | 33 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 527 | 43 | 0 | 0 | 9 | 0 | 0 | 39 | 38 |
| Wana * | | | | | | | | | | | | | | | | | |
| Fort Sandeman * | 000 | 0 | 0 | 13 | 03 | 98 | 01 | 0 | 517 | 33 | 0 | 0 | 9 | 0 | 1 | // | 30 |
| Hindubagh * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 33 | 0 | 0 | 9 | 0 | 0 | 25 | 22 |
| Loralai * | | | | | | | | | | | | | | | | | |
| Barkhan * | | | | | | | | | | | | | | | | | |
| Harnai * | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 583 | 40 | 0 | 0 | 9 | 0 | 0 | 19 | // |
| Samungli (Quetta) * | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 523 | 25 | 2 | 0 | 9 | 0 | 0 | 22 | 17 |
| Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 546 | 37 | 0 | 0 | 9 | 0 | 0 | 19 | 35 |
| Nushki * | 000 | 0 | 0 | 07 | 06 | 97 | 02 | 0 | 548 | 51 | 0 | 0 | 9 | 0 | 0 | 22 | 46 |
| Dalbandin * | 000 | 0 | 0 | 05 | 02 | 97 | 03 | 0 | 491 | 37 | 6 | 0 | 9 | 0 | 0 | 09 | 35 |
| Kalat * | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 541 | 29 | 0 | 0 | 9 | 0 | 0 | 18 | 28 |
| Khuzdar * | | | | | | | | | | | | | | | | | |
| Panjgur * | 000 | 0 | 0 | 05 | 03 | 96 | 03 | 0 | 501 | 38 | 1 | 0 | 9 | 0 | 0 | 16 | 36 |

**Departure from Normal of / Rainfall**

| Stations (2) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | | — | 0.6 | — | 0.0 | — |
| Cox's Bazar | — | + 4 | 0.7 | — 3.5 | 0.0 | 140 |
| Chittagong | + 2 | + 1 | 1.2 | — 1.2 | 000.0 | 108 |
| Maijdee Court | — | — 1 | 0.3 | — 1.5 | 000.0 | 115 |
| Comilla | + 2 | + 6 | 0.5 | — 1.1 | 0.0 | 194 |
| Brahmanbaria | — | — | 1.3 | — 0.1 | 00.0 | 78 |
| Sylhet | — | — | 1.5 | — | 000.0 | — |
| Srimangal | — 4 | | | | | 99 |
| Mymensingh | — | — 3 | 0.0 | — 0.9 | 00.0 | 91 |
| Narayanganj | + 3 | + 1 | 1.3 | + 0.1 | 00.0 | 74 |
| Dacca (Tejgaon) | — | | 1.3 | — | 0.0 | — |
| Faridpur | + 1 | + 2 | 1.6 | + 0.3 | 00.0 | 71 |
| Barisal | + 1 | 0 | 0.9 | — 0.9 | 00.0 | 81 |
| Khulna | + 5 | + 2 | 0.3 | — 1.0 | 00.0 | 68 |
| Satkhira | + 1 | + 2 | 0.2 | — 1.8 | 00.0 | 65 |
| Jessore | — | — | 1.1 | — 0.1 | 0.0 | 45 |
| Pabna | | | 1.0 | — | 0.0 | 59 |
| Sirajganj | + 1 | + 2 | 0.3 | — 0.4 | 00.0 | 64 |
| Rajshahi | + 1 | + 2 | 2.9 | + 2.3 | 00.0 | — |
| Bogra | + 1 | — 1 | 1.3 | + 0.5 | 00.0 | 69 |
| Dinajpur | 0 | + 2 | 0.8 | + 0.3 | 00.0 | 72 |
| Rangpur | + 2 | 0 | 0.0 | — 0.5 | 00.0 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | 0 | — 1 | 0.0 | — 0.7 | 00.0 | 19 |
| Sialkot | + 10 | | | | | 33 |
| Jhelum | | — | 0.0 | — | 00.0 | — |
| Islamabad | — | — | 0.0 | — | 0.0 | — |
| Rawalpindi | 0 | — 4 | 0.1 | — 1.7 | 0.0 | 36 |
| Campbellpur | | | | | | — |
| Khushab | — | — 3 | 0.0 | — 0.6 | 0.0 | 18 |
| Sargodha | — | — | 0.1 | — | 0.0 | — |
| Lyallpur | + 2 | — 1 | 0.0 | — 0.3 | 0.0 | 12 |
| Sahiwal | | | | | | 18 |
| Multan | + 4 | — 4 | 0.0 | — 0.3 | 00.0 | 7 |
| Leiah | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | | | | | | 6 |
| Bahawalpur | + | — 5 | 0.3 | 0.0 | 0.0 | 6 |
| Fort Abbas | + 2 | | | | | 8 |
| Chakdra | | | | | | — |
| Peshawar | + 3 | 0 | 0.5 | — 0.6 | 00.0 | 11 |
| Haripur | — | — | 0.9 | — | 00.0 | — |
| Bannu | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | 0 | 0 | 0.0 | — 0.4 | 0.0 | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | | | 0.0 | — | 0.0 | 8 |
| Turbat | — | — | 0.0 | — | 0.0 | — |
| Jiwani | — | — | 0.8 | — | 0.0 | 5 |
| Pasni | + 4 | — | 0.0 | — 1.2 | 0.0 | 6 |
| Ormara | — | 0 | 0.0 | — 0.9 | 0.0 | 6 |
| Lasbela | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | + 5 | + 3 | 0.0 | — 0.4 | 0.0 | 8 |
| Karachi (Airport) | — | 0 | 0.0 | — | 0.0 | — |
| Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| Chhor | — 1 | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | — | + 1 | 0.0 | — 0.1 | 0.0 | 9 |
| Badin | + 2 | — 6 | 0.0 | — 0.3 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.0 | — | 0.0 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | 0 | 0 | 0.1 | — 0.1 | 0.0 | 20 |
| Veraval | | | | | | 26 |
| Srinagar * | | | | | | — |
| Gulmarg ** | | | | | | 71 |
| Sonamarg ** | | | | | | 26 |
| Dras ** | | | | | | 3 |
| Leh ** | | | | | | 4 |
| Skardu * | | | | | | — |
| Misgar ** | | | | | | — |
| Aliabad * | | | | | | 5 |
| Gilgit * | | | | | | 59 |
| Murree * | | | | | | 18 |
| Drosh * | + 8 | | | | | 29 |
| Cherat * | + 5 | + 4 | 0.6 | — 1.6 | 00.0 | — |
| Kakul * | — | — | 1.0 | — | 00.0 | — |
| Landikotal * | — | | | | | 29 |
| Parachinar * | — | + 4 | 0.7 | — | 0.0 | 13 |
| Miranshah * | — | 0 | 0.0 | — 0.9 | 0.0 | 11 |
| Wana * | | | | | | 11 |
| Fort Sandeman * | + 3 | + 2 | 0.0 | — 0.8 | 0.0 | — |
| Hindubagh * | — | — | 0.2 | — | 0.0 | 9 |
| Loralai * | — | | | | | — |
| Barkhan * | — | | | | | 14 |
| Harnai * | — | — | 0.0 | — 1.0 | 0.0 | 9 |
| Samungli (Quetta) * | — | — 14 | 0.7 | — 0.9 | 0.0 | 8 |
| Chaman * | + 7 | + 1 | 0.0 | — 1.9 | 0.0 | — |
| Nushki * | — | — | 0.3 | — | 0.0 | 4 |
| Dalbandin * | — | + 2 | 0.0 | — 0.9 | 0.0 | 7 |
| Kalat * | + 7 | + 2 | 0.0 | — 1.4 | 0.0 | — |
| Khuzdar * | | | | | 0.0 | |
| Panjgur * | + 6 | — 1 | 0.0 | — | 0.0 | — |

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

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 8th JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Chaveronleida ... ... | 99 1 97 | 10 6 55 | 07 0 63 | 30 5 13 | 98 0 20 | 18 1 25 | 11 4 01 | 0 / / 14 | | | ... | 12 5 12 | 30 1 01 | 03 5 03 |
| Hemae ... ... | 99 2 47 | 10 6 61 | 07 0 63 | 20 9 15 | 99 0 20 | 20 5 71 | 00 0 00 | 33 1 10 | | | 05 4 48 | 17 6 28 | 30 3 01 | 09 5 01 |
| Chakrta ... ... | 99 2 47 | 10 5 96 | 07 0 61 | ... | 98 0 20 | 20 5 23 | 00 9 00 | 33 1 10 | | | 05 5 18 | 12 5 63 | 3 / / 00 | 09 0 00 |
| Green ... ... | 99 2 28 | 10 6 54 | 07 1 23 | 00 5 14 | 99 0 20 | 15 9 25 | ... | 13 9 00 | | | 0 / 1 14 | 12 5 65 | 30 5 04 | ... |
| Cheron ... ... | 99 1 00 | 10 6 76 | 07 4 18 | 10 6 09 | 99 0 00 | 15 4 26 | 01 4 00 | ... | | | 0 / / 15 | 12 7 80 | ... | ... |
| Chesrat ... ... | 99 2 34 | 10 6 26 | 07 1 83 | 00 0 00 | 98 0 20 | 17 4 13 | 00 9 00 | 31 9 01 | | | 05 7 16 | | 3 / / 08 | 00 0 00 |

## UPPER AIR DATA

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

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 014 164 50 | ... | 500 094 57 | 185 032 59 | 576 129 61 | 742 241 60 | 947 351 59 | 216 391 // | 394 653 // | 640 617 // | ... | ... | ... |
| Dacca ... | 00 00 | 016 170 58 | ... | 588 118 58 | 114 014 58 | 577 121 61 | 744 259 62 | 948 138 63 | 218 551 // | 397 645 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 100 57 | ... | 450 024 47 | 020 095 // | 553 265 // | 710 381 // | 905 475 // | 167 561 // | 348 595 // | ... | ... | ... | ... |
| Multan ... | | | ... | | | | | | | | | | | |
| Peshawar ... | 00 00 | 977 068 50 | ... | 485 050 50 | 057 027 50 | 565 187 // | 728 287 // | 928 421 // | 193 547 // | 377 547 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | 821 022 62 | | ... | 094 145 // | 557 259 // | 712 417 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 996 090 56 | ... | 548 054 48 | 051 041 56 | 565 171 // | 738 265 // | 926 371 // | 204 701 // | 188 621 // | ... | ... | ... | ... |

At Significant Levels (PPP TT $T_a$ DD); Max. Wind Speed ($P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$); TROPOPAUSE ($P_tT_tP_tT_tT_tT_{at}$; dt dt ft ft ft)

| STATION | Time of ascent in G.M.T. | | | | | | | | | | Max. Wind Speed | Tropopause | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 990 126 50 | 800 074 59 | 600 047 49 | 350 275 59 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 08 | 990 250 07 | /// /// // | 600 023 51 | 350 313 62 | 250 447 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 08 | 800 056 | 600 267 // | 350 435 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| 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 ... | 310 08 | 315 07 | 320 08 | 315 17 | 280 17 | 259 06 | — | ... | ... | 325 02 | 310 02 | 300 04 | 300 18 | 310 17 | 295 15 |
| Bogra ... | 295 12 | 300 12 | 290 15 | 280 15 | 280 15 | 250 25 | ... | ... | ... | 305 15 | 305 13 | 310 08 | 280 12 | 295 21 | 295 13 |
| Chaklala ... | ... | 265 10 | 350 03 | 020 10 | 045 05 | 305 03 | 300 15 | 295 29 | 275 19 | | 360 03 | 075 03 | 060 01 | 360 05 | 335 05 |
| Chhor ... | 025 04 | 025 05 | 050 05 | 056 07 | 055 03 | 270 04 | 350 09 | 335 09 | 330 12 | 010 15 | 065 05 | 360 03 | 340 05 | 340 02 | 240 03 |
| Chittagong ... | 295 04 | 300 13 | 305 14 | 320 14 | 020 04 | 040 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 340 08 | 340 18 | 350 12 | 250 07 | 280 11 | ... | ... | ... | ... | 015 18 | 360 18 | 360 18 | 360 18 | 345 29 | 240 01 |
| Dacca ... | 235 01 | 300 10 | 315 13 | 295 16 | 295 14 | 290 38 | ... | ... | ... | 300 20 | 315 12 | 280 07 | ... | ... | ... |
| Dalbandin ... | ... | ... | 135 01 | 225 39 | 225 12 | 260 18 | 250 15 | 242 16 | 255 24 | ... | ... | 220 07 | 160 15 | 255 29 | — |
| D. I. Khan ... | 215 04 | 130 03 | 280 15 | 165 06 | 275 33 | 220 03 | 295 12 | 280 15 | 265 21 | 325 04 | 315 04 | 280 03 | 305 90 | 250 05 | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | ... | ... | ... | ... |
| Fort Sandeman ... | | ... | ... | 225 04 | 220 07 | 205 05 | 265 12 | 275 25 | 270 30 | No | Ascent | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | ... |
| Ishurdi ... | 295 08 | 310 08 | 305 08 | 265 21 | 240 27 | ... | ... | ... | ... | 305 07 | 300 12 | 280 12 | 289 19 | 285 13 | ... |
| Jacobabad ... | 040 05 | 060 02 | 060 02 | 200 16 | 230 09 | 255 10 | 250 16 | 255 25 | 255 31 | 055 05 | 075 05 | 125 03 | 170 04 | 225 04 | 210 11 |
| Jessore ... | 305 10 | 305 10 | 295 10 | 270 15 | 280 20 | 280 15 | ... | ... | ... | 010 07 | 350 07 | 325 06 | 285 12 | 290 27 | 305 21 |
| Jhelum ... | 270 07 | 285 07 | 295 07 | 295 10 | 280 06 | 350 08 | 205 22 | 285 19 | 290 93 | 310 10 | 305 10 | 305 10 | 335 06 | 335 09 | 340 13 |
| Jiwani ... | 205 05 | 330 02 | 315 02 | 240 02 | 165 02 | 260 11 | 250 20 | 245 39 | 250 28 | 295 06 | 245 06 | 230 06 | 210 03 | 305 08 | 290 13 |
| Karachi ... | 080 04 | 030 06 | 035 08 | 100 05 | 045 05 | 270 09 | 245 15 | 260 22 | 250 22 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 025 06 | 035 08 | 035 09 | 040 11 | 025 13 | 338 11 | 250 13 | 215 11 | 195 14 | 110 11 | 105 11 | 105 13 | 070 09 | 190 09 | 245 02 |
| Khuzdar ... | ... | ... | ... | 130 04 | 235 06 | 235 11 | 285 22 | 265 24 | ... | ... | ... | ... | 345 03 | 235 05 | 345 01 |
| Lahore ... | 330 05 | 311 01 | 315 10 | 335 10 | 295 10 | 265 03 | 015 13 | 335 06 | 325 09 | 310 18 | 320 11 | 325 09 | 330 07 | 330 06 | 340 07 |
| Multan ... | 095 04 | 130 03 | 135 03 | 180 02 | 225 05 | 265 10 | 285 15 | 285 23 | 285 31 | 175 04 | 165 04 | 080 04 | 275 12 | 280 08 | ... |
| Nawab Shah ... | 510 19 | 010 11 | 050 11 | 050 08 | 150 03 | 250 14 | 260 15 | 265 25 | 260 30 | 035 14 | 040 06 | 015 06 | 350 05 | 265 03 | 245 04 |
| Nokkundi ... | ... | ... | 110 15 | 120 10 | 230 13 | 230 08 | 270 06 | 260 15 | 265 16 | ... | ... | 070 02 | 140 04 | 125 07 | 145 12 |
| Panjgur ... | ... | | | 230 06 | 210 06 | 265 05 | 260 17 | | 260 20 | ... | ... | ... | 245 16 | 220 10 | 270 33 |
| Peshawar ... | ... | 255 04 | 250 04 | 245 01 | 260 03 | 255 10 | 280 24 | 290 33 | 290 35 | ... | 270 03 | 320 03 | 310 12 | 355 04 | 260 04 |
| Parachinar ... | ... | ... | — | 345 06 | 140 09 | 310 19 | 260 09 | 280 13 | 340 26 | .. | ... | ... | ///// | 495 03 | ... |
| Quetta ... | ... | ... | | ... | 305 01 | 233 08 | 250 11 | 255 25 | ... | ... | | ... | ... | | |
| Sargodha ... | 285 02 | 305 04 | 305 06 | 335 05 | 330 04 | 215 04 | 305 13 | 290 25 | 290 23 | 275 04 | 290 08 | 295 07 | 295 07 | 195 03 | 335 04 |
| Skardu ... | | ... | | | | ... | | ... | ... | ... | | ... | ... | ... | ... |
| Sylhet ... | 270 10 | 250 14 | 240 15 | 225 17 | 210 17 | ... | — | — | ... | 030 03 | 320 06 | ... | ... | ... | ... |
| Varaval ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff) — columns 17–27

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 360 18 | 335 05 | 315 08 | 310 17 | 310 17 | 300 17 | 285 22 | 280 24 | 250 13 | ... | ... |
| Bogra ... | 295 05 | 330 05 | 300 07 | 290 14 | 290 15 | 280 31 | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 205 03 | 125 01 | 045 01 | 360 04 | 005 04 | 245 11 | ... | ... | ... | ... |
| Chhor ... | 050 07 | 025 05 | 030 06 | 015 05 | 050 07 | 280 10 | 240 21 | 240 30 | 240 29 | ... | ... |
| Chittagong ... | 050 07 | 025 07 | 030 06 | 035 05 | 050 09 | 280 10 | 255 15 | 210 10 | 240 12 | | ... |
| Cherat ... | 310 11 | 310 08 | 320 12 | 300 16 | 265 17 | 275 25 | ... | 200 45 | 275 48 | 275 30 | ... |
| Cox's Bazar ... | | | | | | ... | ... | ... | ... | ... | ... |
| Dacca ... | 010 15 | 005 14 | 355 12 | 340 09 | 335 13 | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | 345 07 | 330 10 | 305 12 | 305 18 | 275 12 | 290 23 | 290 29 | 295 37 | 285 43 | 280 54 | 275 64 |
| D. I. Khan ... | ... | ... | 080 08 | 205 06 | 230 12 | 225 17 | 240 21 | ... | ... | ... | ... |
| Drosh ... | 265 03 | 260 03 | 255 04 | 260 04 | 230 03 | 175 03 | 055 01 | 220 03 | 265 14 | 265 30 | 265 37 |
| Fort Sandeman ... | ... | ... | — | 335 16 | 050 09 | 135 11 | 135 15 | | | ... | ... |
| Gilgit ... | — | - | — | 145 01 | 270 02 | 285 06 | 275 14 | 315 10 | 255 25 | 300 23 | 295 36 |
| Ishurdi ... | ... | | | 145 03 | 270 02 | 385 06 | 275 11 | 315 10 | 255 15 | 300 32 | 295 38 |
| Jacobabad ... | 280 06 | 290 08 | 300 12 | 100 06 | 235 04 | 270 06 | 140 09 | /// // | 120 10 | ... | ... |
| Jessore ... | 113 05 | 070 01 | 040 02 | 280 17 | 270 19 | 280 35 | — | ... | ... | - | — |
| Jhelum ... | 320 06 | 305 10 | 305 13 | 250 06 | 245 01 | 245 06 | 265 01 | 255 27 | 265 01 | ... | ... |
| Jiwani ... | 325 02 | 515 04 | 315 05 | 290 14 | 295 13 | 275 16 | 275 22 | ... | ... | ... | ... |
| Karachi ... | 825 03 | 215 05 | 305 06 | 305 16 | 300 03 | 255 03 | 260 09 | 235 17 | 250 29 | 235 17 | 255 37 |
| Khanpur ... | 020 07 | 045 07 | 055 05 | 270 05 | 310 07 | 300 07 | 260 24 | 255 30 | 268 32 | 255 43 | ... |
| Khuzdar ... | 100 08 | 100 10 | 080 12 | 010 03 | 100 01 | 150 01 | 275 04 | 275 05 | 2.0 05 | ... | ... |
| Lahore ... | ... | ... | ... | 080 13 | 075 10 | 155 11 | 320 18 | 250 28 | 290 25 | 290 35 | 255 19 |
| Multan ... | ... | ... | ... | 2/0 03 | 260 10 | 260 07 | 250 21 | 250 25 | 255 23 | 265 28 | 260 46 |
| Nawab Shah ... | 025 06 | 315 02 | 240 03 | 270 03 | 260 06 | 270 10 | 245 27 | 260 35 | 260 42 | 260 61 | 250 66 |
| Nokkundi ... | ... | | 085 11 | 225 11 | 145 10 | 255 24 | 225 15 | 230 14 | 260 11 | 360 61 | ... |
| Panjgur ... | ... | | | | | | | | | ... | ... |
| Peshawar ... | ... | 085 01 | 125 03 | 080 05 | 335 07 | 245 21 | 260 07 | 250 12 | 240 27 | ... | — |
| Parachinar ... | ... | ... | — | 315 04 | 125 04 | | | | | | — |
| Quetta ... | ... | ... | | | 180 03 | 230 07 | 260 12 | 265 14 | 255 18 | 270 27 | ... |
| Sargodha ... | 310 07 | 330 05 | 310 04 | 285 04 | 300 04 | 220 07 | 230 13 | ... | 325 11 | ... | ... |
| Skardu ... | ... | | ... | | | | ... | ... | ... | ... | ... |
| Sylhet ... | 295 03 | 315 04 | 275 01 | 270 19 | 265 17 | 230 19 | 280 35 | — | ... | ... | ... |
| 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 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 030 08 | 100 10 | 045 11 | 010 04 | 315 15 | 255 04 | 255 19 | 255 04 | 240 12 | 255 60 | 251 03 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

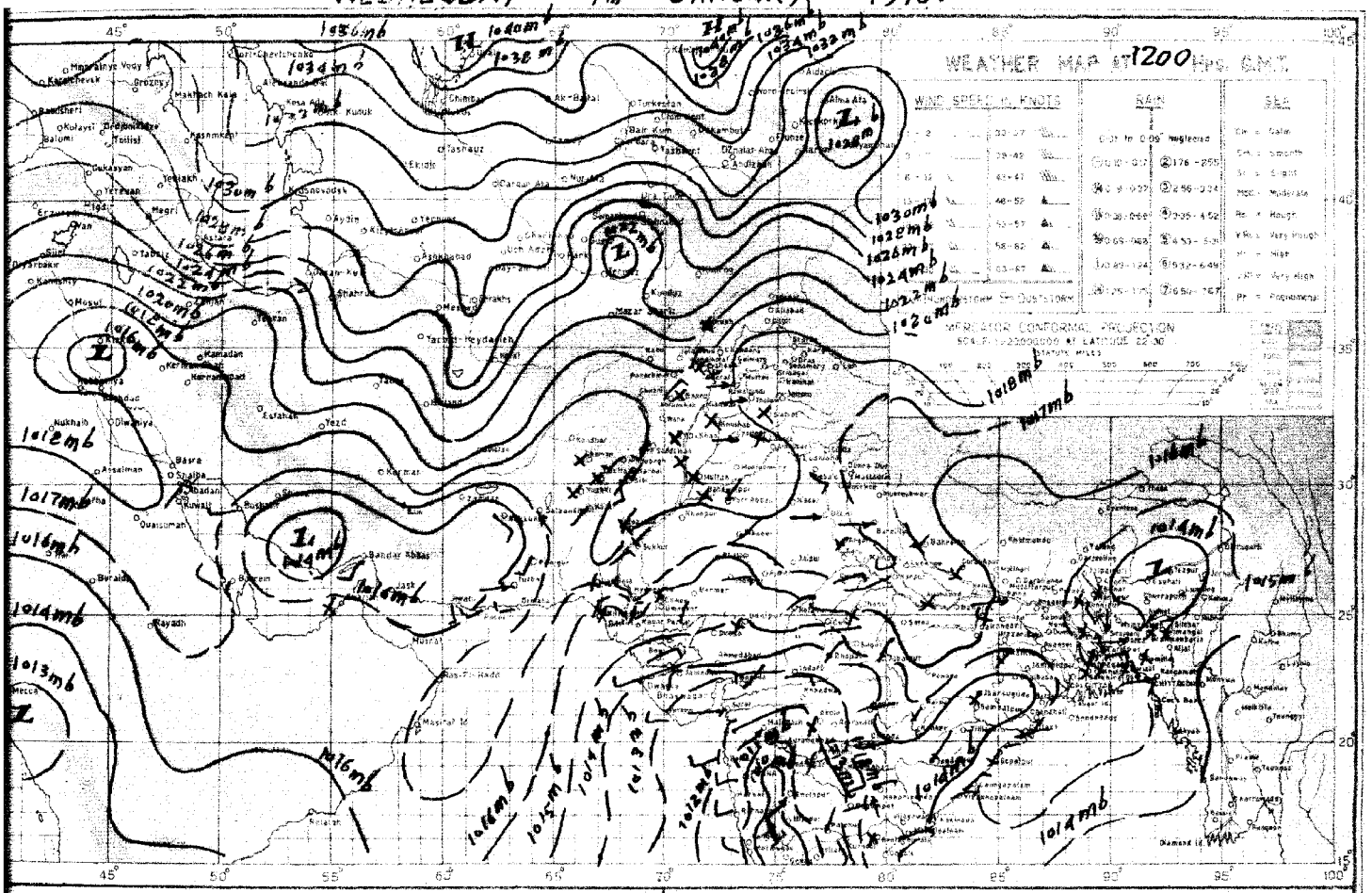
† The actual time of observations may vary within half an hour of the specified time.

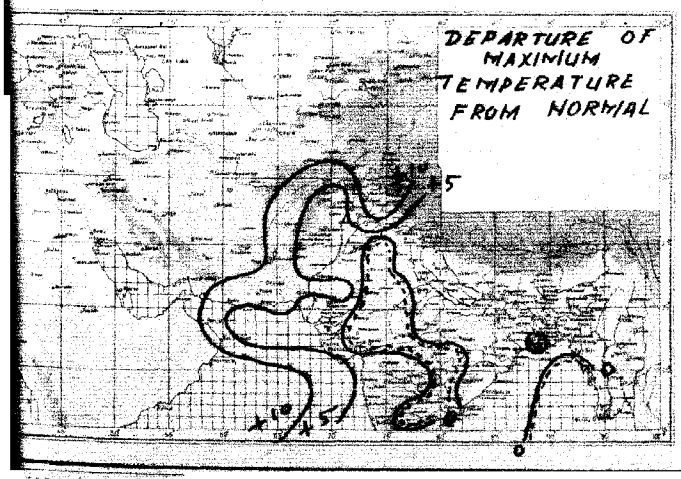
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

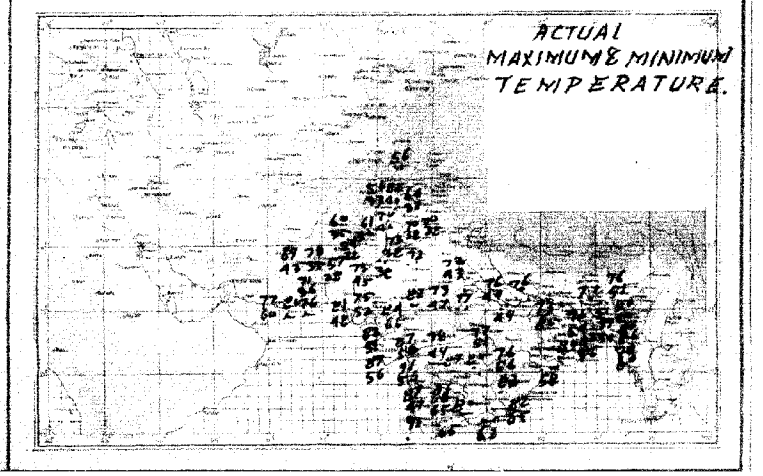
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre Air Port KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7th JANUARY 1970.

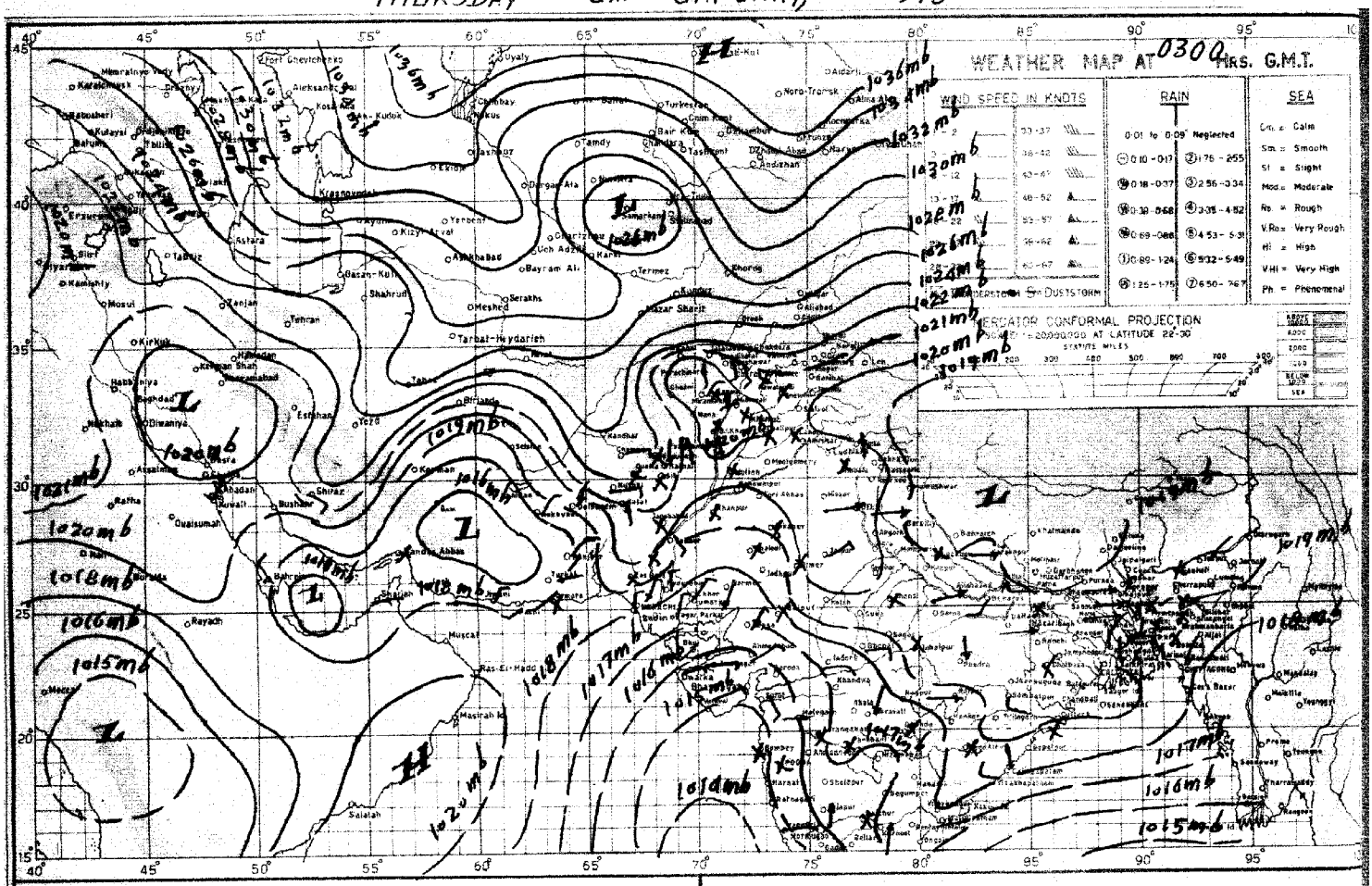


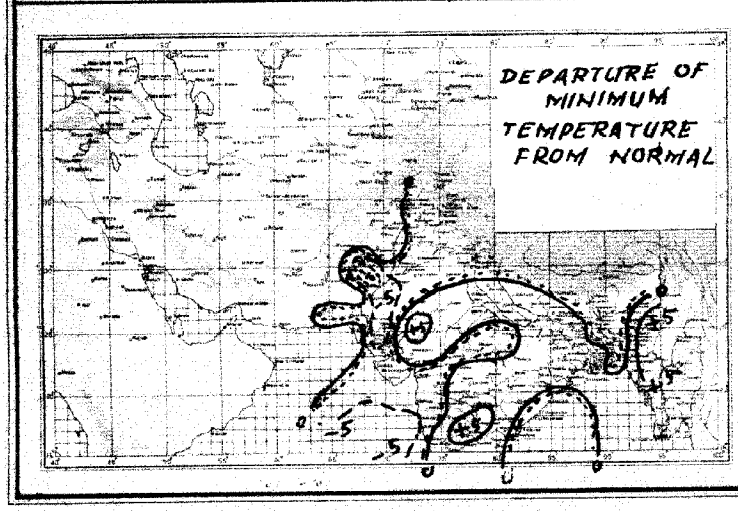



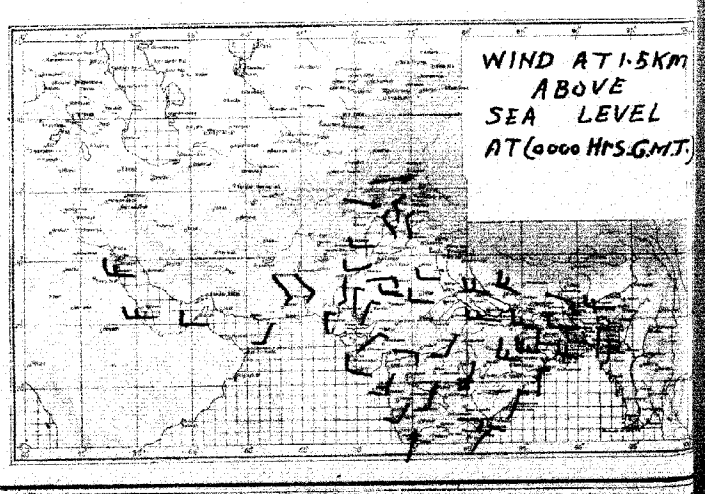



# PAKISTAN DAILY WEATHER MAP

THURSDAY 8th JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 9th JANUARY 1970.**

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

Yesterday's western disturbance over Russian Turkistan moved away eastwards.

The western disturbance over southeast Iran now lies over Quetta and Kalat divisions with trough extending to Peshawar division. A few falls of light rain/thundershowers occured in Quetta and Kalat divisions.

Night temperatures were 3—9 °F (2—5 °C) above normal in Chittagong, Rajshahi and Kalat divisions and were to the same extent below normal in Khulna, Rawalpindi, Multan and Hyderabad divisions.

**Forecast valid until the evening of 10th January 1970 :—** Rain/thundershowers with snow fall over the hills will be scattered in Kalat, Quetta, Peshawar divisions and Kashmir. Weather will remain mainly dry over the country.

**Earthquake Report:** Seismograph of geophysical centre Quetta recorded an earthquake of moderate intensity on 9th January 1970 at 02 Hrs. 20 minutes W.P.S.T. The epicentre lies about 450 miles north east of Quetta near Hindukush mountains.

Karachi-11
The 9th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature* | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *F | Maximum temperature *F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | RRR | Ww | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx |
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati | 000 | 0 | 4 | 36 | 02 | // | 01 | 0 | 157 | 72 | 3 | 3 | 6 | 8 | 0 | 58 | 77 |
| | Cox's Bazar | 000 | 0 | 4 | 36 | 09 | // | 02 | 0 | 146 | 72 | 1 | 1 | 4 | 9 | 0 | 58 | 78 |
| | Chittagong | 000 | 6 | 4 | 00 | 08 | // | 02 | 0 | 155 | 72 | 0 | 0 | 9 | 0 | 1 | 58 | 79 |
| | Maijdee Court | 000 | 6 | 4 | 00 | 00 | 90 | 01 | 2 | 165 | 76 | 4 | 4 | 4 | 2 | 0 | 70 | // |
| | Comilla | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 148 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 77 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 155 | 68 | 0 | 0 | 9 | 0 | 0 | 60 | 77 |
| | Sylhet | 000 | 0 | 8 | 00 | 00 | // | 03 | 4 | 149 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 73 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 155 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Dacca | Mymensingh | 000 | 0 | 6 | 00 | 00 | // | 00 | 0 | 159 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 74 |
| | Narayanganj | 000 | 0 | 8 | 00 | 00 | // | 00 | 0 | 155 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 155 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| | Faridpur | 000 | 0 | 3 | 00 | 00 | 93 | 01 | 1 | 154 | 70 | 0 | 0 | 9 | 0 | 1 | 54 | 76 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | // | 02 | 2 | 156 | 67 | 0 | 0 | 9 | 0 | 0 | 67 | 76 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 147 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 81 |
| | Satkhira | 000 | 0 | 9 | 00 | 00 | 90 | 00 | 0 | 162 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| | Jessore | 000 | 0 | 3 | 33 | 03 | 97 | 02 | 0 | 158 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 152 | 67 | 0 | 0 | 9 | 0 | 0 | 63 | 78 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 155 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 156 | 67 | 0 | 0 | 9 | 0 | 0 | 54 | 73 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 149 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 147 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 73 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 154 | 52 | 0 | 0 | 9 | 0 | 0 | 50 | 67 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Intl.Ap.) | 000 | 0 | 1 | 21 | 02 | 95 | 05 | 0 | 168 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 69 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 156 | 66 | 0 | 0 | 9 | 0 | 1 | 38 | 71 |
| | Islamabad | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | // | 60 | 2 | 4 | 7 | 2 | 0 | 22 | 63 |
| | Rawalpindi | 000 | 0 | 6 | 27 | 02 | 98 | 02 | 2 | 166 | 60 | 0 | 0 | 9 | 0 | 4 | 23 | 66 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 162 | 68 | 0 | 0 | 9 | 0 | 1 | 45 | 77 |
| | Sargodha | 000 | 0 | 0 | 29 | 02 | 96 | 00 | 0 | 160 | 66 | 0 | 0 | 9 | 0 | 0 | 45 | // |
| | Lyallpur | | | | | | | | | | | | | | | | | |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 4 | 29 | 03 | 97 | 02 | 0 | 163 | 70 | 1 | 0 | 9 | 0 | 3 | 34 | 77 |
| | Leiah | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 149 | 77 | 0 | 0 | 9 | 0 | 0 | 16 | 77 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 164 | 69 | 0 | 0 | 9 | 0 | 0 | 22 | 72 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 168 | 68 | 0 | 0 | 9 | 0 | 0 | 45 | 74 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 135 | 69 | 0 | 0 | 9 | 0 | 0 | 42 | 69 |
| Peshawar | Chakdara | 000 | 0 | 2 | 32 | 03 | 98 | 01 | 1 | 160 | 54 | 3 | 0 | 9 | 0 | 3 | 40 | 56 |
| | Peshawar | 000 | 0 | 5 | 00 | 00 | 96 | 04 | 2 | 169 | 65 | 5 | 0 | 9 | 3 | 0 | 38 | 67 |
| | Haripur | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 1 | 167 | 60 | 0 | 0 | 9 | 0 | 0 | 32 | 66 |
| D. I. Khan | Bannu | 000 | 0 | 2 | 16 | 01 | 99 | 01 | 2 | 165 | 64 | 0 | 0 | 9 | 4 | 0 | 34 | 69 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 170 | 66 | 0 | 0 | 9 | 0 | 0 | 46 | 69 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 05 | 97 | 02 | 0 | 163 | 74 | 0 | 0 | 9 | 8 | 6 | 52 | 76 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 165 | 71 | 3 | 0 | 9 | 4 | 0 | 40 | 73 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | // | 8 | 0 | 0 | 9 | 8 | 0 | 40 | 78 |
| | Jiwani | 000 | 0 | 1 | 18 | 07 | 96 | 01 | 0 | 155 | 75 | 1 | 0 | 6 | 0 | 0 | 54 | 76 |
| | Panjgur | 000 | 0 | 0 | 25 | 04 | 97 | 02 | 0 | 165 | 76 | 0 | 0 | 0 | 0 | 0 | 61 | // |
| Karachi Division | Ormara | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 160 | 75 | 0 | 0 | 9 | 0 | 0 | 59 | 76 |
| | Lasbela | 000 | 0 | 7 | 00 | 00 | 98 | 00 | 0 | 148 | 81 | 0 | 0 | 8 | 0 | 0 | 46 | 83 |
| | Karachi (Masaurs) | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 151 | 73 | 0 | 0 | 9 | 0 | 0 | 53 | 83 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 149 | 76 | 0 | 0 | 9 | 0 | 0 | 43 | 81 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 171 | 84 | 0 | 0 | 0 | 0 | 0 | // | 84 |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 146 | 78 | 0 | 0 | 9 | 9 | 0 | 33 | 83 |
| | Hyderabad | 000 | 0 | 0 | 34 | 03 | 97 | 03 | 0 | 159 | 74 | 0 | 0 | 9 | 0 | 0 | 32 | 77 |
| | Badin | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 146 | 78 | 0 | 0 | 9 | 0 | 0 | 37 | 79 |
| Khairpur | Padidan | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 158 | 72 | 0 | 0 | 9 | 0 | 0 | 36 | 73 |
| | Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 172 | 74 | 0 | 0 | 9 | 0 | 0 | 36 | 76 |
| | Sukkur | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 159 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 74 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| Sangarh | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 160 | 71 | 0 | 0 | 9 | 0 | 0 | 43 | 73 |
| | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Miagar | | | | | | | | | | | | | | | | | |
| | Allebed | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh | 000 | 0 | 4 | 05 | 05 | 97 | 03 | 1 | 527 | 49 | 4 | 0 | 9 | 3 | 0 | 32 | 50 |
| | Chitral | 000 | 0 | 3 | 36 | 10 | 97 | 01 | 2 | 466 | 52 | 3 | 5 | 0 | 0 | 0 | 38 | 54 |
| | Kakul | 000 | 0 | 1 | 16 | 03 | 95 | 03 | 2 | 498 | 54 | 5 | 3 | 5 | 2 | 0 | 20 | 60 |
| | Landikotal | 000 | 0 | 6 | 31 | 05 | 98 | 03 | 4 | 624 | 54 | 6 | 7 | 6 | 0 | 0 | 45 | 58 |
| | Prachinar | 000 | 0 | 1 | 16 | 03 | 98 | 02 | 0 | 518 | 50 | 1 | 1 | 6 | 0 | 1 | 16 | 54 |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 524 | 62 | 0 | 0 | 9 | 0 | 0 | 32 | 64 |
| | Wana | 000 | 0 | 0 | 13 | 02 | 99 | 00 | 0 | 517 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 60 |
| Quetta | Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 495 | 58 | 0 | 0 | 9 | 0 | 1 | 09 | 61 |
| | Hindubagh | 000 | 0 | 5 | 23 | 09 | 97 | 03 | 0 | // | 57 | 0 | 0 | 9 | 0 | 0 | 23 | 54 |
| | Loralai | | | | | | | | | | | | | | | | | |
| | Barkhan | | | | | | | | | | | | | | | | | |
| | Harnai | | | | | | | | | | | | | | | | | |
| | Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 574 | 62 | 0 | 0 | 9 | 0 | 0 | 18 | 66 |
| | Chaman | | | | | | | | | | | | | | | | | |
| | Nushki | 000 | 6 | 0 | 00 | 00 | 96 | 02 | 0 | 536 | 54 | 9 | 0 | 9 | 0 | 0 | 13 | 60 |
| | Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 536 | // | 0 | 0 | 9 | 0 | 0 | 36 | 63 |
| Kalat | Kalat | 000 | 6 | 0 | 00 | 00 | 98 | 05 | 1 | 499 | 70 | 0 | 0 | 9 | 3 | 0 | 23 | 73 |
| | Khuzdar | 000 | 0 | 0 | 23 | 02 | 97 | 00 | 2 | 498 | 51 | 0 | 0 | 9 | 0 | 0 | 31 | 59 |
| | Panjgur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 489 | 66 | 0 | 0 | 9 | 0 | 0 | // | 68 |
| | | 000 | 0 | 0 | 23 | 07 | 97 | 02 | 0 | 499 | 67 | 0 | 0 | 9 | 0 | 0 | 42 | 70 |

| DIVISIONS | STATIONS | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | RRR | Ww | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 1 | 36 | 02 | 97 | 01 | 4 | 158 | 63 | 1 | 1 | 7 | 0 | 5 | 58 | 56 | — | — | 0.6 | — | 0.0 | 140 |
| | Cox's Bazar | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 186 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | 0 | — | 1.2 | — 1.6 | 000.0 | 196 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 181 | 66 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | — | — 3 | 0.4 | — 0.5 | 000.0 | 112 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 119 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | — | + 7 | 0.5 | — 1.1 | 0.0 | 194 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 184 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | — | — | 1.3 | — 0.1 | 00.0 | 78 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 191 | 59 | 0 | 0 | 9 | 0 | 0 | 63 | 50 | — | — | 1.5 | — | 000.0 | — |
| | Sylhet | | | | | | | | | | | | | | | | | | — | | | | | 99 |
| | Srimangal | | | | | | | | | | | | | | | | | | 0 | | | | | 91 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 196 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 3 | — 1 | 1.3 | + 0.1 | 00.0 | 74 |
| | Narayanganj | 000 | 0 | 0 | 31 | 05 | 96 | 05 | 0 | 156 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 50 | — | — | 1.3 | — | 0.0 | — |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 02 | 02 | 97 | 00 | 0 | 196 | 59 | 0 | 0 | 9 | 0 | 0 | 52 | 50 | — 1 | — 2 | 1.6 | + 0.3 | 00.0 | 71 |
| | Faridpur | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 186 | 62 | 0 | 0 | 9 | 0 | 2 | 59 | 49 | — 1 | — 5 | 0.9 | — 0.9 | 00.0 | 81 |
| Khulna | Barisal | 000 | 0 | 2 | 13 | 05 | 96 | 01 | 2 | 177 | 64 | 0 | 0 | 9 | 0 | 0 | 62 | 54 | + 5 | 0 | 0.4 | — 1.0 | 00.0 | 88 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 189 | 64 | 0 | 0 | 0 | 0 | 0 | 52 | 49 | — 1 | — 3 | 0.2 | — 1.8 | 00.0 | 88 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 10 | 0 | 189 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 46 | — | — | 1.1 | — 0.1 | 0.0 | 88 |
| | Jessore | | | | | | | | | | | | | | | | | | | | | | | |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 188 | 66 | 0 | 0 | 9 | 0 | 0 | 52 | 54 | — | — | 1.0 | — | 0.0 | 59 |
| | Sirajganj | 000 | 0 | 0 | 35 | 01 | 98 | 00 | 0 | 192 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 52 | + 1 | 0 | 0.3 | — 0.4 | 00.0 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 185 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 52 | — 3 | 0 | 2.9 | + 2.3 | 00.0 | — |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 188 | 62 | 0 | 0 | 9 | 0 | 0 | 52 | 50 | — 1 | — 2 | 1.3 | + 0.4 | 00.0 | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 190 | 59 | 0 | 0 | 9 | 0 | 0 | 52 | 49 | — 1 | 0 | 0.8 | + 0.2 | 00.0 | 73 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 171 | 49 | 0 | 0 | 9 | 0 | 0 | 54 | 46 | — 8 | + 6 | 0.0 | — 0.5 | 00.0 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Intl.Ap.) | 000 | 0 | 5 | 18 | 02 | 94 | 10 | 0 | 193 | 40 | 0 | 0 | 9 | 0 | 4 | 38 | 38 | — 2 | — 1 | 0.0 | — 0.7 | 00.0 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | | | | | | 93 |
| Rawalpindi | Jhelum | | | | | | | | | | | | | | | | | | — | | | | | — |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | // | 45 | 2 | 4 | 7 | 0 | 0 | 23 | 40 | — | — | 0.0 | — | 0.0 | — |
| | Rawalpindi | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 199 | 38 | 0 | 0 | 9 | 0 | 0 | 28 | 34 | — | — 3 | 0.1 | — 1.9 | 0.0 | 94 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 08 | 00 | 95 | 04 | 0 | 189 | 36 | 0 | 0 | 9 | 0 | 1 | 36 | 36 | — | — | 0.1 | — | 0.0 | 18 |
| | Sargodha | | | | | | | | | | | | | | | | | | | | | | | — |
| | Lyallpur | | | | | | | | | | | | | | | | | | + 3 | | | | | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 4 | 00 | 00 | 97 | 44 | 4 | 190 | 40 | 0 | 0 | 9 | 0 | 4 | 36 | 38 | + 3 | — 4 | 0.0 | — 0.3 | 00.0 | 7 |
| | Leiah | 000 | 0 | 0 | 36 | 02 | 92 | 00 | 0 | 171 | 41 | 0 | 0 | 9 | 0 | 0 | 36 | 38 | — | — | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Bahawalpur | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 201 | 52 | 0 | 0 | 9 | 0 | 0 | 04 | 56 | + 3 | | | | | 6 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 204 | 32 | 0 | 0 | 9 | 0 | 0 | // | 30 | — | — | 0.0 | — | 0.0 | 8 |
| Peshawar | Chakdara | 000 | 0 | 2 | 00 | 00 | 98 | 03 | 0 | 195 | 40 | 2 | 0 | 9 | 3 | 1 | 28 | 36 | + 3 | — 4 | 0.5 | — 0.7 | 00.0 | 11 |
| | Peshawar | 000 | 0 | 8 | 09 | 02 | 91 | 00 | 0 | 193 | 45 | 0 | 0 | 9 | 0 | 0 | 24 | 32 | — | — | 0.9 | — | 00.0 | — |
| | Haripur | | | | | | | | | | | | | | | | | | | | | | | — |
| D. I. Khan | Bannu | 000 | 0 | 5 | 00 | 00 | 98 | 03 | 0 | 194 | 40 | 3 | 2 | 7 | 4 | 0 | 32 | 40 | — | — | 0.5 | — | 0.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 191 | 43 | 0 | 0 | 9 | 0 | 0 | 31 | 40 | — 1 | 0 | 0.0 | — 0.4 | 0.0 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 194 | 45 | 6 | 0 | 9 | 4 | 2 | 28 | 39 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 174 | 53 | 6 | 5 | 6 | 0 | 0 | 29 | 38 | — | — | 0.0 | — | 0.0 | 8 |
| Kalat | Turbat | 000 | 0 | 6 | 36 | 05 | 97 | 00 | 0 | // | 61 | 0 | 7 | 9 | 2 | 1 | 54 | // | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | 4 | 18 | 06 | 97 | 17 | 0 | 169 | 69 | 4 | 9 | 5 | 0 | 0 | 55 | 59 | — | — | 0.8 | — | 0.0 | 8 |
| | Panjgur | 000 | 0 | 4 | 18 | 06 | 97 | 02 | 0 | 163 | 61 | 0 | 0 | 9 | 0 | 0 | 49 | 22 | + 6 | — | 0.0 | — 1.3 | 0.0 | 6 |
| Karachi Division | Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 3 | 176 | 60 | 1 | 0 | 7 | 3 | 0 | 56 | // | — | — | 0.0 | — 0.9 | 0.0 | 6 |
| | Lasbela | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 168 | 49 | 0 | 0 | 8 | 0 | 0 | 41 | 38 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Masaurs) | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 172 | 59 | 0 | 0 | 9 | 0 | 0 | 43 | 38 | + 8 | + 1 | 0.0 | — 0.3 | 0.0 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 181 | 53 | 0 | 0 | 9 | 0 | 0 | 37 | 49 | — | — | 0.0 | — | 0.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 6 | 05 | 02 | 97 | 02 | 0 | 184 | 64 | 0 | 0 | 0 | 0 | 0 | 59 | 64 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 144 | 47 | 0 | 0 | 9 | 0 | 0 | 35 | 46 | — | 0 | — | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 08 | 97 | 02 | 0 | 181 | 52 | 0 | 0 | 9 | 0 | 0 | 36 | 51 | + 1 | 0 | 0.0 | — 0.2 | 0.0 | 9 |
| | Badin | 000 | 0 | 0 | 36 | 01 | 96 | 02 | 0 | 190 | 44 | 0 | 0 | 9 | 0 | 0 | 31 | 42 | + 2 | — 6 | 0.0 | — 0.4 | 0.0 | — |
| Khairpur | Padidan | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 186 | 40 | 0 | 0 | 9 | 0 | 1 | 41 | 37 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 188 | 42 | 0 | 0 | 9 | 0 | 0 | 36 | 40 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 05 | 05 | 95 | 05 | 4 | 181 | 52 | 4 | 0 | 9 | 6 | 0 | 36 | 43 | — | — | 0.0 | — | 0.0 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Sangarh | Jacobabad | 000 | 0 | 2 | 13 | 02 | 96 | 03 | 0 | 183 | 49 | 0 | 0 | 4 | 0 | 1 | 35 | 45 | — | — | 0.1 | — 0.1 | 0.0 | 20 |
| | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 84 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | — |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Miagar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Allebed | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 89 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Peshawar | Drosh | | | | | | | | | | | | | | | | | | + 2 | | | | | 89 |
| | Chitral | 000 | 0 | 0 | 36 | 15 | 96 | 00 | 0 | 504 | 49 | 0 | 0 | 9 | 0 | 0 | 07 | 46 | + 4 | + 7 | 0.4 | — 1.7 | 00.0 | — |
| | Kakul | 000 | 0 | 0 | 02 | 02 | 97 | 02 | 1 | 517 | 42 | 1 | 0 | 9 | 3 | 2 | 33 | 40 | — | — | 1.0 | — | 0.0 | — |
| | Landikotal | | | | | | | | | | | | | | | | | | — | | | | | 29 |
| | Prachinar | 000 | 0 | 6 | 02 | 05 | 98 | 03 | 0 | 531 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | // | + 3 | — | 0.7 | — | 0.0 | 13 |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 519 | 43 | 0 | 0 | 9 | 0 | 0 | 23 | 40 | — | — | 0.0 | — 0.9 | 0.0 | 11 |
| | Wana | 000 | 0 | 2 | 00 | 00 | 98 | 01 | 0 | 499 | 38 | 0 | 0 | 9 | 0 | 3 | 28 | 33 | — | — | 0.0 | — | 0.0 | 11 |
| Quetta | Fort Sandeman | 000 | 0 | 2 | 09 | 02 | 97 | 01 | 0 | 515 | 34 | 0 | 0 | 9 | 0 | 0 | 09 | 31 | + 3 | + 3 | 0.0 | — 0.9 | 0.0 | — |
| | Hindubagh | 000 | 0 | 0 | 27 | 09 | 97 | 03 | 0 | // | 36 | 5 | 3 | 6 | 0 | 0 | 19 | 23 | — | — | 0.2 | — | 0.0 | 9 |
| | Loralai | | | | | | | | | | | | | | | | | | | | | | | — |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Samungli (Quetta) | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 584 | 30 | 0 | 0 | 9 | 0 | 0 | 19 | 39 | — | — | 0.0 | — 1.0 | 0.0 | 8 |
| | Chaman | | | | | | | | | | | | | | | | | | + 7 | | | | | — |
| | Nushki | 000 | 0 | 0 | 03 | 00 | 97 | 00 | 0 | 552 | 55 | 3 | 0 | 9 | 4 | 2 | 25 | 51 | — | — | 0.3 | — | 0.0 | 4 |
| | Dalbandin | 000 | 0 | 7 | 31 | 02 | 97 | 50 | 7 | 506 | 55 | 7 | 5 | 6 | 0 | 0 | 38 | 47 | + 11 | + 11 | 0.0 | — 0.9 | 0.0 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 2 | 536 | 35 | 0 | 0 | 9 | 0 | 0 | 21 | 32 | + 9 | + 6 | 0.0 | — 1.5 | 0.0 | — |
| | Khuzdar | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 492 | 45 | 2 | 5 | 6 | 3 | 0 | 23 | 37 | — | — | 0.2 | — | 0.0 | 8 |
| | Panjgur | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 0 | 494 | 48 | 1 | 5 | 7 | 3 | 0 | 34 | 37 | + 5 | + 9 | 0.0 | — | 0.0 | — |

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0700 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day

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

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 9th JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_M$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_s\ h_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o\ T_oT_oT_o\ D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels — hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 138 18 | ... | 500 096 48 | 099 018 46 | 574 131 49 | 741 285 0 | 947 351 70 | 215 579 // | 391 713 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 016 114 19 | ... | 500 086 46 | 124 280 27 | 579 155 61 | 746 237 56 | /// /// // | 224 529 // | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 124 56 | ... | 480 044 58 | 028 111 // | 552 387 // | 709 375 // | 905 455 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 003 042 12 | ... | 480 066 75 | 064 071 // | 557 251 // | 718 301 // | 961 415 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 975 044 58 | ... | 480 084 58 | 005 033 57// | 562 215 47 | 723 315 52 | 921 473 // | 181 561 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | /// 150 59 | | ... | 142 091 // | 556 477 // | ... | ... | | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 996 094 56 | ... | 470 020 58 | 044 084 57 | 564 175 // | 728 275 // | 926 371 // | 202 501 // | 387 591 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 990 112 46 | 808 074 50 | 600 045 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 980 104 33 | 800 066 57 | 600 030 56 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 026 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 010 12 | 005 05 | 305 12 | 315 17 | 300 15 | 275 21 | — | — | ... |
| Bogra | 300 03 | 285 03 | 295 03 | 303 08 | 320 07 | 280 17 | ... | ... | — |
| Chaklala | — | 105 11 | 335 06 | 285 06 | 015 03 | 260 12 | 225 06 | ... | ... |
| Chhor | 350 05 | 005 07 | 020 09 | 035 12 | 845 14 | 095 08 | 275 06 | 270 15 | 250 20 |
| Chittagong | 340 12 | 345 08 | 360 08 | 320 16 | 315 17 | 305 22 | — | ... | — |
| Cherat | ... | ... | ... | ... | ... | ... | — | — | ... |
| Cox's Bazar | 350 26 | 340 20 | 350 24 | 015 02 | 090 14 | 140 13 | ... | — | — |
| Dacca | 305 02 | 010 02 | 010 12 | 320 11 | 300 19 | 290 22 | ... | ... | ... |
| Dalbandin | ... | | 240 10 | 245 11 | 215 14 | 245 11 | 260 29 | 260 11 | 255 26 |
| D. I. Khan | 280 03 | 308 03 | 195 01 | 218 02 | 155 01 | 045 01 | 360 04 | 295 15 | 275 02 |
| Drosh | .. | ... | ... | 060 04 | 020 03 | 010 05 | 250 01 | 170 08 | 198 04 |
| Fort Sandeman | .. | — | ... | 340 05 | 230 05 | 240 08 | 270 08 | 275 23 | 260 25 |
| Gilgit | ... | ... | ... | — | — | ... | — | — | ... |
| Ishurdi | 350 02 | 335 01 | 325 01 | 305 12 | 305 12 | 290 25 | — | ... | .. |
| Jacobabad | 315 03 | 005 02 | 075 03 | 238 05 | 255 11 | 250 12 | 255 12 | 345 13 | 265 21 |
| Jessore | 340 07 | 335 09 | 325 09 | 315 09 | 310 12 | 320 19 | ... | ... | — |
| Jhelum | 300 03 | 295 07 | 295 09 | 300 12 | 315 03 | 090 01 | 225 08 | 280 13 | 270 54 |
| Jiwani | 180 07 | 225 07 | 245 07 | 290 10 | 248 12 | 280 11 | 270 12 | 265 17 | 250 36 |
| Karachi | 220 01 | 245 06 | 325 04 | 030 04 | 305 02 | 275 09 | 260 15 | 250 25 | 255 19 |
| Khanpur | 035 08 | 045 09 | 045 08 | 115 04 | 140 01 | 275 84 | 270 13 | 260 19 | 370 24 |
| Khuzdar | ... | ... | ... | 130 04 | 235 06 | 255 11 | 285 22 | 265 24 | 260 21 |
| Lahore | 305 06 | 295 08 | 285 09 | 290 11 | 310 12 | 280 07 | 110 02 | 105 06 | 150 07 |
| Multan | 260 02 | 265 12 | 270 20 | 280 01 | 300 12 | 250 20 | 360 20 | 285 12 | ... |
| Nawab Shah | 360 06 | 305 04 | 250 05 | 228 03 | 265 04 | 265 09 | 355 25 | 250 33 | 250 42 |
| Nokkundi | — | .. | 110 05 | 220 05 | 255 08 | 260 18 | 310 15 | 320 14 | 310 24 |
| Panjgur | ... | .. | .. | | ... | ... | | | ... |
| Peshawar | .. | 340 02 | 320 06 | 235 01 | 105 01 | 155 04 | 245 12 | 240 12 | 255 11 |
| Parachinar | ... | ... | — | 305 01 | 225 07 | 290 12 | 280 04 | 270 33 | 265 03 |
| Quetta | ... | | | 245 08 | 320 01 | 260 12 | 255 08 | — | .. |
| Sargodha | 250 12 | 260 10 | 270 15 | 275 03 | 260 03 | 235 03 | 275 10 | 275 04 | 275 07 |
| Skardu | | ... | | 125 03 | 085 13 | .. | .. | ... | ... |
| Sylhet | 285 07 | 295 03 | 360 01 | 135 02 | 130 04 | 285 08 | .. | — | ... |
| Veraval | ... | .. | | ... | ... | — | | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 335 16 | 335 09 | 335 09 | 295 05 | 285 14 | 290 21 |
| Bogra | 200 03 | 280 04 | 275 07 | 295 17 | 295 04 | 290 17 |
| Chaklala | | 300 17 | 315 03 | 350 04 | 300 16 | 295 14 |
| Chhor | 040 07 | 040 23 | 055 21 | 230 02 | 245 17 | 335 02 |
| Chittagong | ... | — | — | ... | ... | ... |
| Cherat | — | ... | — | — | — | ... |
| Cox's Bazar | ... | ... | ... | ... | — | — |
| Dacca | 250 08 | 250 07 | 290 17 | ... | | |
| Dalbandin | | | 215 03 | 190 07 | 230 10 | 220 19 |
| D. I. Khan | 085 01 | 115 03 | 135 02 | 360 01 | 095 07 | 020 15 |
| Drosh | ... | — | ... | 140 03 | 275 03 | 035 04 |
| Fort Sandeman | ... | — | ... | 260 10 | 275 20 | 265 20 |
| Gilgit | | ... | | ... | ... | ... |
| Ishurdi | 015 03 | 015 03 | 335 05 | 309 18 | 295 07 | ... |
| Jacobabad | 005 05 | 045 04 | 090 04 | 115 03 | 165 04 | 166 13 |
| Jessore | 025 06 | 150 28 | 030 12 | 315 17 | 285 21 | 280 21 |
| Jhelum | 005 01 | 300 11 | 310 13 | 325 05 | 250 02 | 250 06 |
| Jiwani | 300 05 | 210 08 | 200 18 | 240 12 | 285 03 | 295 20 |
| Karachi | | ... | ... | ... | ... | ... |
| Khanpur | 035 10 | 050 09 | 065 11 | 151 04 | 040 10 | 010 17 |
| Khuzdar | ... | ... | .. | 170 06 | 230 11 | 175 17 |
| Lahore | 315 04 | 320 07 | 335 07 | 340 13 | 325 04 | 320 04 |
| Multan | 270 12 | 220 23 | 265 25 | 250 04 | 250 15 | 295 19 |
| Nawab Shah | 250 12 | 250 20 | 265 15 | 270 20 | 275 02 | 280 15 |
| Nokkundi | ... | ... | 270 09 | 265 11 | 260 12 | ... |
| Panjgur | ... | .. | ... | 240 11 | 245 17 | 260 19 |
| Peshawar | — | 305 01 | 295 01 | 280 12 | 300 18 | 010 02 |
| Parachinar | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | | ... |
| Sargodha | 005 05 | 120 15 | 260 20 | 265 15 | 270 02 | 285 12 |
| Skardu | ... | | ... | 195 03 | 250 03 | .. |
| Sylhet | 065 07 | 020 03 | 330 03 | 020 02 | 340 02 | 285 01 |
| Veraval | — | .. | ... | ... | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 350 08 | 360 09 | 360 01 | 320 13 | 300 14 | 285 14 | 270 22 | ... | ... | — | ... |
| Bogra | 295 05 | 295 05 | 295 07 | 200 17 | 295 22 | 275 27 | 275 37 | ... | 270 35 | ... | ... |
| Chaklala | ... | 140 04 | 165 03 | 290 12 | 335 04 | 090 01 | 055 04 | 340 12 | 270 21 | 255 17 | — |
| Chhor | 110 05 | 105 06 | 055 06 | 250 04 | 215 05 | 305 05 | 250 18 | 250 34 | 265 45 | 285 35 | ... |
| Chittagong | 345 07 | 330 08 | 330 10 | 295 15 | 245 18 | 260 18 | 253 31 | 260 43 | 260 29 | 255 70 | 260 74 |
| Cherat | .. | ... | ... | .. | ... | ... | ... | ... | — | ... | ... |
| Cox's Bazar | ... | ... | | ... | ... | ... | | ... | ... | ... | ... |
| Dacca | 320 04 | 345 04 | 360 04 | 235 05 | 330 12 | 295 03 | 280 13 | 270 13 | 280 45 | 270 49 | 270 61 |
| Dalbandin | | | 345 09 | 285 03 | 175 05 | | | | | | |
| D. I. Khan | 235 05 | 230 06 | 230 04 | 225 03 | 120 03 | 055 03 | 230 03 | 275 09 | 230 11 | 235 17 | 230 11 |
| Drosh | ... | ... | — | 200 04 | 050 10 | 010 22 | 180 04 | 125 07 | | | |
| Fort Sandeman | | - | .. | 320 12 | 155 03 | 210 08 | 255 11 | 235 12 | 240 16 | 350 03 | 265 21 |
| Gilgit | .. | ... | | 200 02 | 050 10 | 010 22 | 180 04 | 125 07 | .. | ... | ... |
| Ishurdi | 005 04 | 005 03 | 345 04 | 310 17 | 310 21 | 290 29 | 280 21 | 260 21 | 280 25 | . | ... |
| Jacobabad | 120 07 | 115 04 | 120 04 | 235 05 | 210 06 | 165 04 | 255 21 | 235 41 | 235 43 | ... | .. |
| Jessore | 355 10 | 320 06 | 315 10 | 300 12 | 255 10 | 28. 12 | 240 25 | 280 25 | 275 31 | 270 43 | 270 65 |
| Jhelum | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | — |
| Jiwani | 145 09 | 185 11 | 185 12 | 235 12 | 235 12 | 285 19 | ... | ... | ... | ... | |
| Karachi | 050 07 | 005 07 | 180 51 | 220 01 | 250 05 | 250 08 | 265 16 | 270 24 | 265 13 | 250 37 | 250 65 |
| Khanpur | 070 10 | 120 02 | 085 17 | 085 17 | 208 07 | 050 12 | 090 25 | 210 12 | 250 27 | 255 15 | 260 14 |
| Khuzdar | | ... | ... | 115 03 | 210 10 | 235 13 | ... | ... | ... | ... | ... |
| Lahore | 325 03 | 305 06 | 295 06 | 280 07 | 285 07 | 240 03 | 250 40 | 270 12 | 265 12 | 265 13 | 270 30 |
| Multan | 155 03 | 200 22 | 295 09 | 195 23 | 250 10 | 200 22 | 240 13 | 205 09 | 215 09 | 150 10 | 245 14 |
| Nawab Shah | 355 05 | 005 04 | 205 03 | 265 13 | 245 03 | 275 10 | 240 13 | 250 31 | 260 49 | — | ... |
| Nokkundi | ... | | 090 05 | 255 09 | 345 10 | | | ... | ... | .. | ... |
| Panjgur | ... | | ... | 230 16 | 250 17 | 250 22 | 260 23 | ... | .. | ... | ... |
| Peshawar | ... | 105 03 | 115 04 | 340 03 | 335 03 | 175 04 | 270 09 | — | ... | ... | .. |
| Parachinar | .. | ... | — | 005 03 | 210 03 | - | | .. | ... | ... | ... |
| Quetta | | | | | 260 03 | | | | | | .. |
| Sargodha | 315 03 | 290 11 | 285 26 | 2 0 08 | 250 01 | 095 07 | 270 09 | 280 07 | 275 5. | 275 13 | ... |
| Skardu | | | | | | | | | ... | .. | .. |
| Sylhet | 210 07 | 190 04 | 015 03 | 015 06 | 325 03 | 310 13 | 270 26 | 270 30 | ... | ... | ... |
| Veraval | | ... | ... | ... | ... | - | ... | ... | ... | ... | |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong — | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi | 360 04 | 260 04 | 215 01 | 225 02 | 225 03 | 315 09 | 255 17 | 263 29 | 280 37 | 254 74 | 255 46 | ... | ... | ... | ... | ... | ... | |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

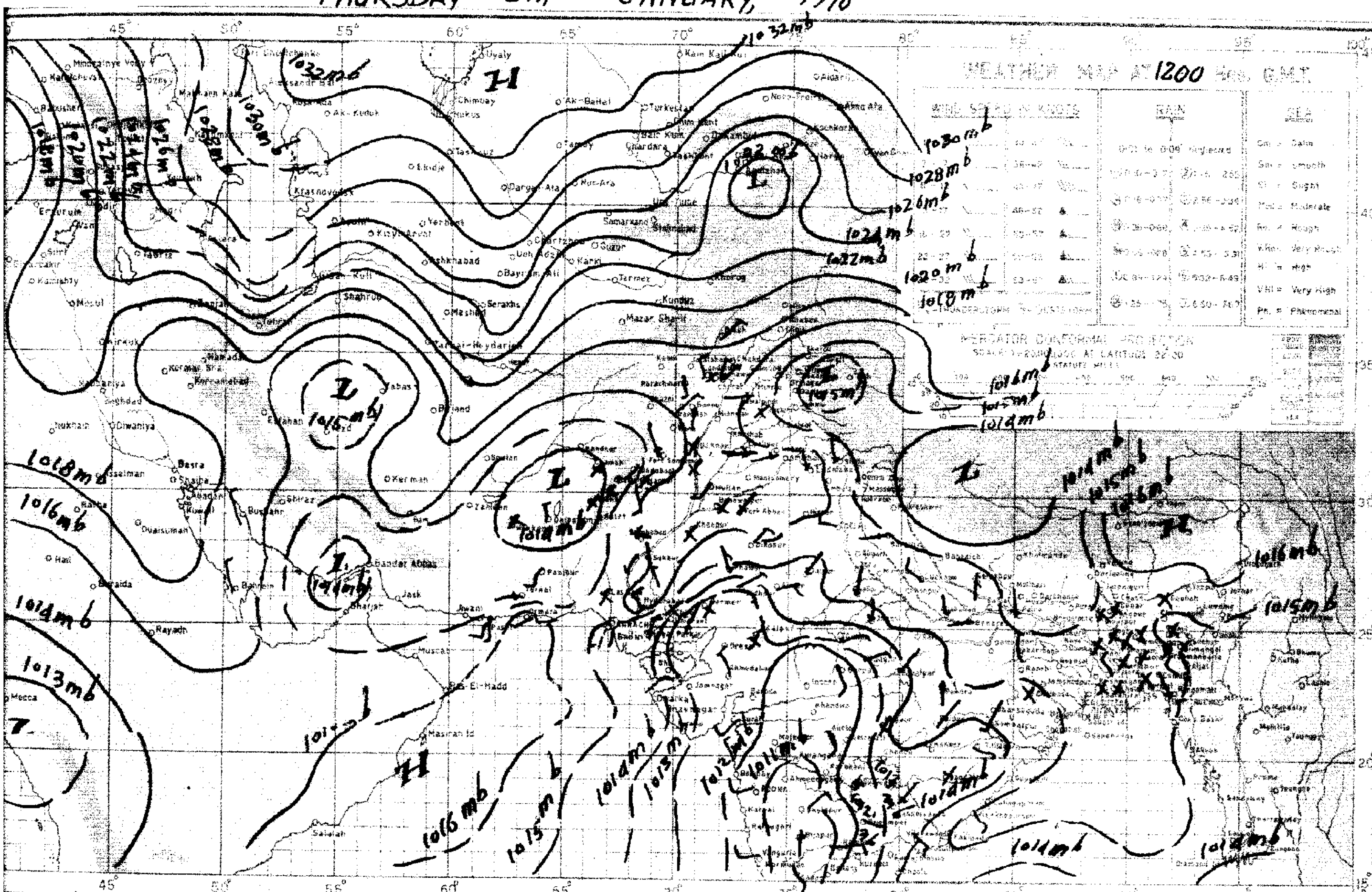
† The actual time of observations may vary within half an hour of the specified time.

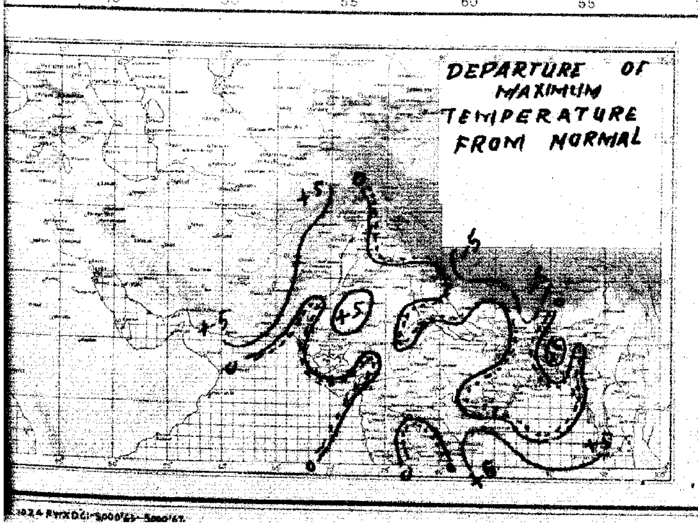
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

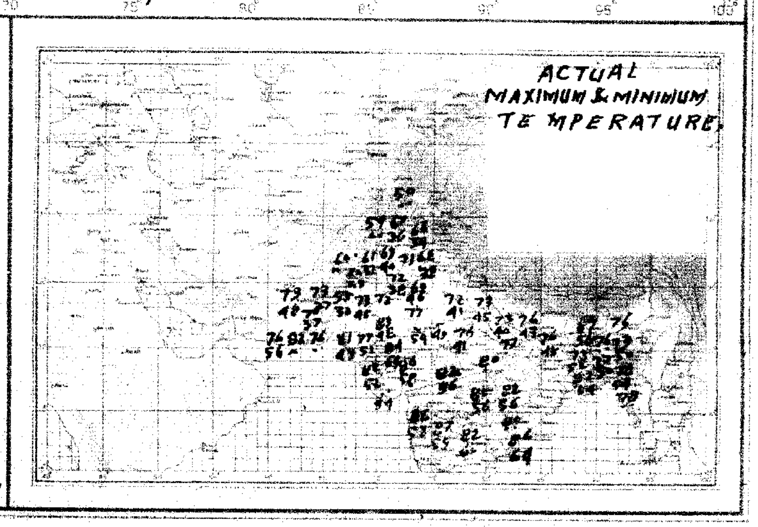
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

THURSDAY 8th JANUARY, 1970



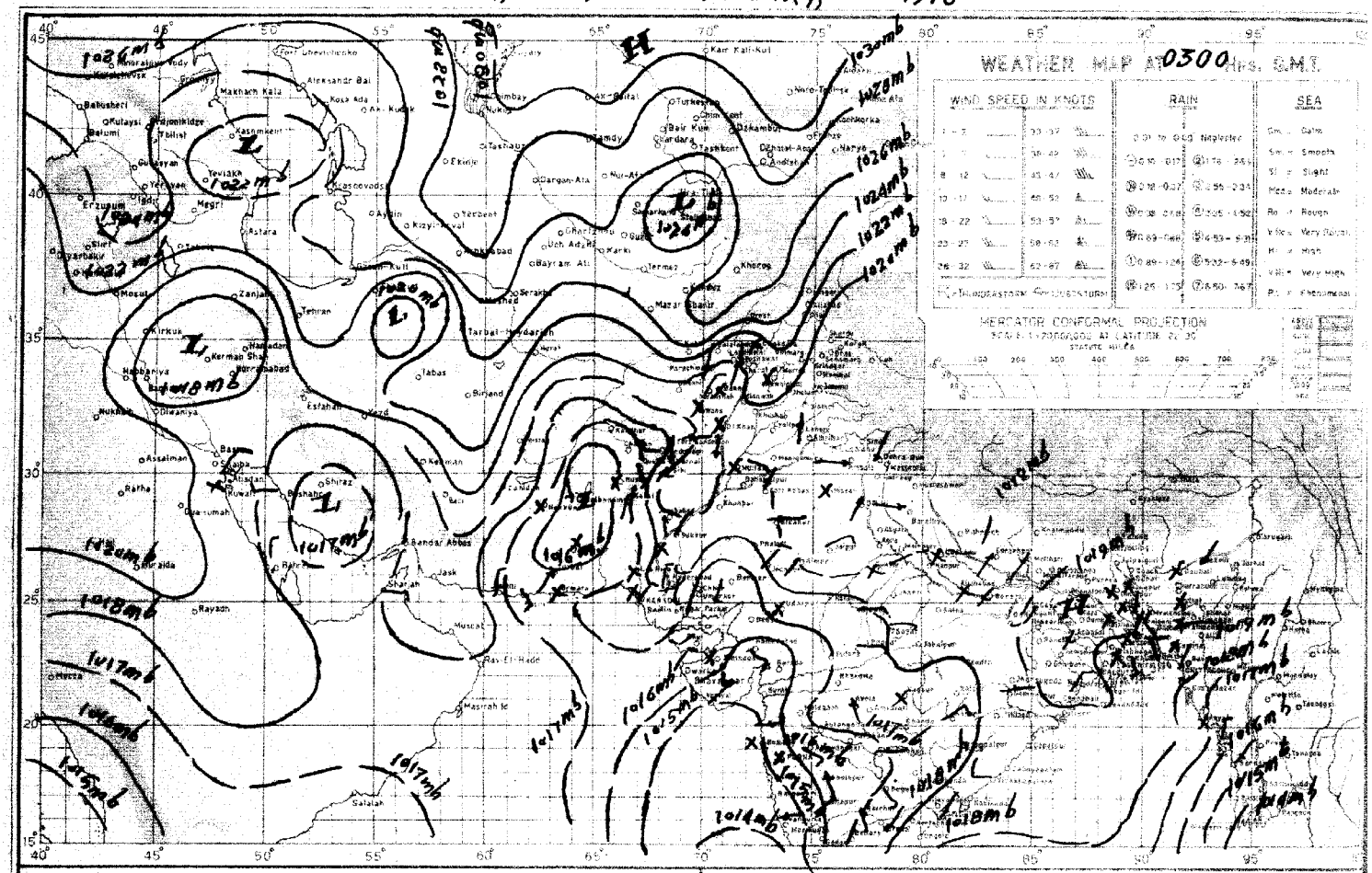



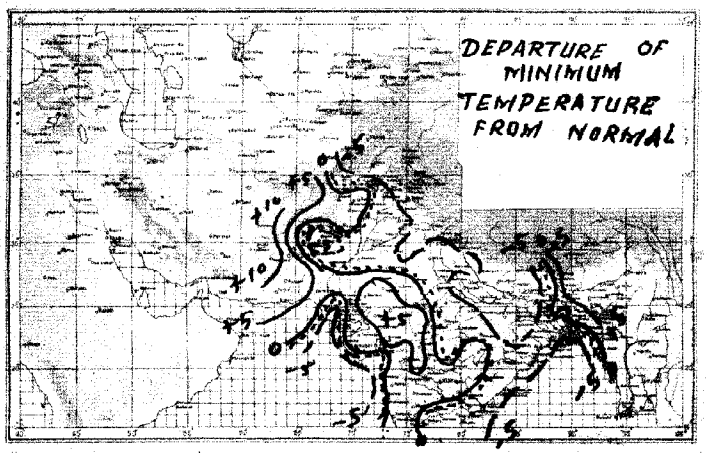

1024 RWXDGI-3000'65-5000'67.

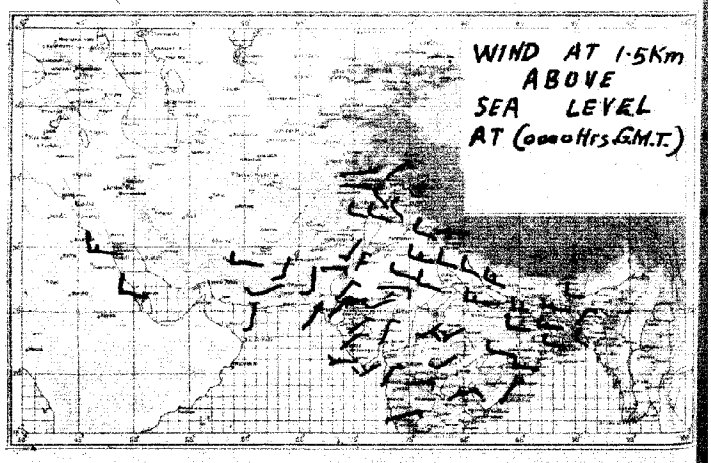
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 9th JANUARY, 1970




REG. No. 024 RWKD'61-5000'63-5pm'67.

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ges 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SATURDAY THE 10th JANUARY 1970.**

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

Yesterday's western disturbance over Quetta and Kalat divisions is now moving across Khairpur division and Rajasthan with its trough extending to Rawalpindi division. It has caused local rain or thundershowers with a few moderate to heavy falls in Quetta and Kalat divisions, scattered in Karachi division and a few falls of snow over hills in Kalat division. Weather remained dry elsewhere over west Pakistan.

A fresh western disturbance lies over central and south Iran.

A trough of low pressure lies over Bihar and neighbourhood dry weather prevailed over East Pakistan.

Chief amounts of rainfall are : Jiwani 2", Chaman (upto 1200 G.M.T.) 1⅓" Nushki and Kalat ¾" each, Hindubagh ⅓" and Dalbandin and Khuzdar ¼" each.

Night temperatures were 9—14 °F (5—8 °C) above normal in the western districts of Quetta division and 3—8 °F (2—4 °C) so elsewhere in Quetta division and in Peshawar, D. I. Khan and Karachi divisions. There where 3—6 °F (2—3 °C) below normal in East Pakistan and in Sargodha divisions.

**Forecast valid until the evening of 11th January 1970 :—** Fairly widespread rain/thundershowers with a few heavy falls are likely to occur in Peshawar, Rawalpindi divisions and Kashmir, local in Quetta, D. I. Khan and Sargodha divisions and scattered in Lahore, Multan Bahawalpur, Khairpur, Kalat and Rajshahi divisions. Weather is likely to be mainly dry elsewhere over the country.

achi-11
10th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 1 | 13 | 02 | // | 01 | 0 | 159 | 72 | 1 | 1 | 7 | 0 | 0 | 51 | 77 |
| Cox's Bazar | 000 | 0 | 2 | 34 | 08 | // | // | / | 157 | 76 | 0 | 0 | 9 | 9 | 2 | 48 | 80 |
| Chittagong | 000 | 0 | 6 | 31 | 02 | // | 02 | 0 | 156 | 70 | 0 | 0 | 9 | 0 | 2 | 58 | 76 |
| Maijdee Court | 000 | 9 | 0 | 00 | 00 | // | 00 | 0 | 160 | 70 | 0 | 0 | 9 | 0 | 0 | 64 | 76 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 159 | 70 | 0 | 0 | 9 | 0 | 0 | 67 | 77 |
| Brahmanbaria | 000 | 0 | 2 | 00 | 00 | // | 03 | 1 | 156 | 70 | 0 | 0 | 9 | 0 | 7 | 63 | 77 |
| Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 154 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 158 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 152 | 67 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 155 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| Dacca (Tejgaon) | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 2 | 157 | 70 | 0 | 0 | 9 | 0 | 1 | 49 | 76 |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 156 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 73 |
| Barisal | 000 | 0 | 3 | 00 | 00 | // | 02 | 3 | 159 | 68 | 0 | 0 | 9 | 0 | 1 | 54 | 76 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 147 | 72 | 0 | 0 | 9 | 0 | 0 | 67 | 82 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 158 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| Jessore | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 158 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | 79 |
| Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 156 | 67 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 169 | 70 | 0 | 0 | 9 | 0 | 0 | 57 | 73 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 160 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 73 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | /// | 68 | 0 | 0 | 9 | 0 | 0 | 50 | 76 |
| Rangpur | 000 | 0 | 0 | 00 | 02 | 96 | 01 | 0 | 145 | 51 | 0 | 0 | 9 | 0 | 0 | 51 | 73 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 6 | 00 | 00 | 95 | 02 | 1 | 158 | 67 | 0 | 0 | 9 | 0 | 2 | 40 | 70 |
| Sialkot | 000 | 0 | 0 | 00 | 02 | // | 00 | 0 | 125 | 60 | 0 | 0 | 9 | 0 | 0 | 40 | 60 |
| Jhelum | 000 | 0 | 5 | 23 | 00 | 96 | 03 | 1 | 155 | 63 | 2 | 0 | 9 | / | 2 | 38 | 70 |
| Islamabad | 000 | 0 | 5 | 00 | 00 | 96 | // | / | /// | 60 | 2 | 4 | 6 | 3 | 2 | 28 | 60 |
| Rawalpindi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 8 | 00 | 00 | 98 | 03 | 0 | 147 | 68 | 5 | 3 | 8 | 3 | 0 | 56 | 72 |
| Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 152 | 67 | 4 | 3 | 8 | 0 | 0 | 49 | 70 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 4 | 18 | 03 | 97 | 02 | 0 | 162 | 68 | 2 | 0 | 9 | 5 | 2 | 36 | 72 |
| Leiah | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 149 | 78 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| Khanpur | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 1 | 155 | 70 | 2 | 0 | 9 | 3 | 1 | 34 | 76 |
| Bahawalpur | 000 | 0 | 7 | 00 | 00 | 95 | 00 | 1 | 169 | 68 | 0 | 0 | 9 | 0 | 0 | 45 | 73 |
| Fort Abbas | /// | / | 0 | 05 | 02 | 98 | 00 | 0 | 152 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 72 |
| Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 150 | 63 | 3 | 0 | 9 | 2 | 2 | 40 | 68 |
| Haripur | 000 | 0 | 5 | 00 | 00 | 98 | 02 | 2 | 154 | 60 | 0 | 0 | 9 | 4 | 0 | 38 | 68 |
| Bannu | 000 | 0 | 0 | 00 | 00 | 98 | 04 | 2 | 161 | 64 | 5 | 2 | 7 | 2 | 0 | 43 | 70 |
| D. I. Khan | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 162 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 72 |
| Sibi | 000 | 0 | 8 | 18 | 03 | 97 | 03 | 1 | 162 | 67 | 6 | 2 | 9 | 6 | 2 | 48 | 72 |
| Nokkundi | 000 | 0 | 4 | 18 | 03 | 96 | 21 | 0 | 120 | 69 | 4 | 5 | 7 | 0 | 0 | 45 | 69 |
| Turbat | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 015 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 75 |
| Jiwani | 014 | 7 | 4 | 00 | 00 | 96 | 02 | 9 | 153 | 72 | 4 | 5 | 6 | 0 | 0 | 60 | 73 |
| Pasni | 000 | 8 | 4 | 29 | 02 | 97 | 02 | 0 | 153 | 77 | 4 | 0 | 9 | 0 | 0 | 54 | 80 |
| Ormara | 000 | 0 | 3 | 19 | 07 | 96 | 04 | 0 | 154 | 75 | 3 | 0 | 7 | 3 | 0 | 62 | 76 |
| Lasbela | 000 | 0 | 5 | 00 | 00 | 98 | 00 | 0 | 135 | 79 | 0 | 0 | 8 | 0 | 0 | 30 | 81 |
| Karachi (Manora) | 000 | 0 | 3 | 23 | 05 | 97 | 01 | 0 | 150 | 74 | 0 | 0 | 9 | 1 | 0 | 58 | 82 |
| Karachi (Airport) | 000 | 0 | 3 | 23 | 05 | 96 | 03 | 0 | 149 | 74 | 3 | 0 | 9 | 3 | 0 | 53 | 80 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 161 | 80 | 0 | 0 | 9 | 0 | 0 | 44 | 83 |
| Chhor | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 146 | 75 | 0 | 0 | 9 | 0 | 0 | 45 | 83 |
| Hyderabad | 008 | 0 | 1 | 00 | 00 | 97 | 03 | 0 | 155 | 77 | 1 | 0 | 9 | 3 | 0 | 41 | 79 |
| Badin | 000 | 0 | 0 | 36 | 04 | 97 | 07 | 0 | 143 | 80 | 0 | 0 | 9 | 0 | 0 | 37 | 82 |
| Padidan | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 1 | 144 | 73 | 0 | 0 | 9 | 6 | 2 | 31 | 76 |
| Nawabshah | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 161 | 73 | 0 | 0 | 9 | 0 | 5 | 39 | 78 |
| Sukkur | 000 | 0 | 6 | 13 | 00 | 97 | 03 | 0 | 151 | 72 | 6 | 0 | 9 | 6 | 8 | 36 | 76 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 8 | 34 | 02 | 97 | 02 | 0 | 145 | 70 | 2 | 0 | 9 | 3 | 1 | 35 | 71 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 2 | 529 | 50 | 7 | 0 | 9 | 7 | 0 | 39 | 58 |
| Cherat | 000 | 0 | 0 | 34 | 13 | 98 | 00 | 0 | 484 | 52 | 0 | 0 | 9 | 0 | 0 | 12 | 58 |
| Kakul | 000 | 0 | 4 | 18 | 03 | 96 | 05 | 1 | 502 | 54 | 1 | 3 | 5 | 1 | 2 | 29 | 64 |
| Landikotal | 000 | 0 | 6 | 05 | 05 | 98 | 03 | 4 | 642 | 54 | 6 | 7 | 6 | / | / | 45 | 54 |
| Parachinar | 000 | 0 | 7 | 13 | 05 | 98 | 02 | 2 | 320 | 50 | 4 | 5 | 6 | 7 | 0 | 16 | 56 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 526 | 64 | 0 | 0 | 9 | 0 | 0 | 34 | 64 |
| Wana | 000 | 0 | 6 | 03 | 00 | 97 | 03 | 2 | 463 | 56 | 8 | 5 | 7 | 0 | 0 | 34 | 60 |
| Fort Sandeman | 000 | 5 | 7 | 31 | 05 | 97 | 03 | 1 | 492 | 55 | 6 | 4 | 7 | 3 | 0 | 13 | 58 |
| Hindubagh | 013 | 0 | 8 | 31 | 09 | 92 | 05 | 0 | /// | 52 | 8 | 8 | 3 | 0 | 0 | 30 | 53 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 4 | 31 | 04 | 96 | 02 | 0 | 476 | 50 | 0 | 0 | 8 | 0 | 4 | 27 | 63 |
| Samungli (Quetta) | 005 | 3 | 1 | 30 | 05 | 95 | 03 | 2 | 515 | 42 | 5 | 7 | 6 | 2 | 1 | 33 | 48 |
| Chaman | 133 | 0 | 9 | 31 | 03 | 95 | 02 | 2 | 506 | 44 | 0 | 0 | 9 | 0 | 0 | 40 | 52 |
| Nushki | 025 | 8 | 5 | 00 | 00 | 97 | 03 | 6 | 532 | 54 | 0 | 0 | 9 | 0 | 3 | 31 | 70 |
| Dalbandin | 000 | 0 | 5 | 05 | 02 | 97 | 03 | 0 | 493 | 61 | 0 | 0 | 9 | 3 | 0 | 41 | 62 |
| Kalat | 000 | 0 | 9 | 03 | 02 | 96 | 00 | 2 | 450 | 45 | 7 | 0 | 9 | 0 | 0 | 39 | 58 |
| Khuzdar | 000 | 0 | 8 | 23 | 02 | 97 | 03 | 1 | 482 | 62 | 4 | 5 | 6 | 2 | 8 | 41 | 65 |
| Panjgur | | | | | | | | | | | | | | | | | |

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

| STATIONS (2) | Rainfall in Cents RRR (20) | Past weather commenced at Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in Knots ff (24) | Horizontal visibility VV (25) | Present weather ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud h (30) | Low Cloud form CL (31) | Height of Lowest Cloud h (32) | Medium Cloud form CM (33) | High Cloud form CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 4 | 36 | 02 | 97 | 04 | 2 | 196 | 60 | 3 | 4 | 6 | 0 | 1 | 56 | 56 |
| Cox's Bazar | 000 | 0 | | 36 | 05 | 96 | 02 | 5 | 180 | 67 | 2 | 2 | 4 | 4 | : | 56 | 56 |
| Chittagong | 000 | 0 | 6 | 05 | 02 | 96 | 05 | 2 | 182 | 59 | 0 | 0 | 9 | 0 | 1 | 54 | 54 |
| Maijdee Court | 000 | 9 | 6 | 36 | 03 | 96 | 03 | 2 | 121 | 65 | 0 | 0 | 9 | 2 | 2 | 54 | 51 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 56 | 02 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 60 |
| Brahmanbaria | 000 | 0 | 2 | 00 | 00 | 56 | 03 | 1 | 182 | 68 | 0 | 0 | 9 | 0 | 7 | 63 | 54 |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 196 | // | 0 | 0 | 9 | 0 | 0 | 56 | 49 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 184 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 54 |
| Dacca (Tejgaon) | 000 | 3 | 3 | 00 | 00 | 96 | 05 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 1 | 51 | 47 |
| Faridpur | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 188 | 64 | 1 | 0 | 9 | 1 | 0 | 51 | 51 |
| Barisal | 000 | 0 | 4 | 00 | 00 | 95 | 05 | 0 | 184 | 59 | 0 | 0 | 9 | 0 | 4 | 59 | 50 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 174 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 56 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 187 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 49 |
| Jessore | 000 | 0 | 4 | 00 | 00 | 96 | 00 | 0 | 185 | 59 | 0 | 0 | 9 | 0 | 8 | 54 | 47 |
| Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 187 | 75 | 0 | 0 | 9 | 0 | 0 | 51 | 51 |
| Sirajganj | 000 | 0 | 0 | 35 | 01 | 98 | 00 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 50 |
| Rajshahi | 000 | 0 | 0 | 01 | 02 | 97 | 03 | 1 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 51 |
| Bogra | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 158 | 59 | 0 | 0 | 9 | 0 | 1 | 51 | 49 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 143 | 67 | 5 | 2 | 9 | 0 | 3 | 52 | 48 |
| Rangpur | 000 | 0 | 0 | 23 | 01 | 96 | 07 | 6 | 186 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | // |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 7 | 00 | 00 | 97 | 10 | 1 | 176 | 49 | 6 | 0 | 9 | 7 | 2 | 43 | 40 |
| Sialkot | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 180 | 50 | 0 | 0 | 9 | 0 | 0 | 18 | // |
| Jhelum | 000 | 0 | 7 | 23 | 02 | 96 | 01 | 2 | 172 | 49 | 1 | 5 | 7 | 7 | 1 | 38 | 38 |
| Islamabad | | | | | | | | | | | | | | | | | |
| Rawalpindi | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 169 | 49 | 8 | 5 | 6 | 0 | 0 | 35 | 38 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 8 | 00 | // | 97 | 01 | 2 | 176 | 38 | 4 | 5 | 8 | 4 | 0 | 33 | 35 |
| Sargodha | 000 | 0 | 7 | 05 | 03 | 95 | 01 | 2 | 168 | 47 | 7 | 6 | 9 | 3 | 0 | 43 | 47 |
| Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 07 | 0 | 173 | 49 | 4 | 3 | 8 | 0 | 0 | 41 | 41 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 7 | 00 | 00 | 96 | 05 | 2 | 170 | 51 | 2 | 5 | 6 | 7 | 0 | 41 | 43 |
| Leiah | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | /// | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 40 |
| Khanpur | 000 | 0 | 6 | 00 | 00 | 96 | 01 | 2 | 159 | 49 | 3 | 6 | 6 | 7 | 0 | 35 | 38 |
| Bahawalpur | 008 | 0 | 8 | 00 | 00 | 95 | 00 | 0 | /// | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 48 |
| Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 1 | 158 | 51 | 0 | 0 | 9 | 0 | 0 | 36 | 56 |
| Chakdra | 000 | 0 | 7 | 23 | 02 | 97 | 02 | 2 | 168 | 33 | 5 | 0 | 9 | 3 | 8 | 40 | 32 |
| Peshawar | 000 | 0 | 7 | 19 | 03 | 96 | 04 | 1 | 183 | 45 | 1 | 5 | 7 | 7 | 0 | 33 | 45 |
| Haripur | 000 | 0 | 8 | 05 | 03 | 97 | 03 | 2 | 172 | 51 | 8 | 0 | 9 | 7 | 0 | 32 | 45 |
| Bannu | 000 | 0 | 7 | 00 | 00 | 98 | 03 | 2 | 170 | 50 | 7 | 3 | 6 | 0 | 0 | 38 | 40 |
| D. I. Khan | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 174 | 50 | 2 | 5 | 6 | 7 | 0 | 41 | 43 |
| Sibi | 000 | 0 | 8 | 36 | 03 | 97 | 03 | 1 | 195 | 47 | 6 | 2 | 9 | 6 | 2 | 48 | 44 |
| Nokkundi | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 5 | 202 | 45 | 2 | 9 | 7 | 0 | 0 | 33 | // |
| Turbat | 000 | 0 | 0 | 18 | 07 | 96 | 00 | 0 | 029 | 59 | 0 | 8 | 9 | 0 | 0 | 49 | // |
| Jiwani | 185 | 9 | 4 | 36 | 03 | 96 | 01 | 9 | 166 | 60 | 4 | 5 | 0 | 0 | 0 | 58 | 59 |
| Pasni | 000 | 0 | 4 | 29 | 04 | 97 | 02 | 0 | 164 | 60 | 0 | 4 | 9 | 0 | 0 | 60 | // |
| Ormara | 000 | 8 | 4 | 00 | 00 | 96 | 01 | 1 | 164 | 64 | 1 | 8 | 6 | 3 | 0 | 61 | // |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Manora) | 012 | 2 | 4 | 00 | 00 | 96 | 01 | 2 | 162 | 62 | 2 | 7 | 4 | 2 | 0 | 61 | 60 |
| Karachi (Airport) | 008 | 1 | 7 | 00 | 00 | 96 | 07 | 5 | 165 | 61 | 7 | 0 | 9 | 2 | 0 | 59 | 51 |
| Nagarparkar | 000 | 0 | 0 | 05 | 22 | 57 | 02 | 0 | 184 | 64 | 8 | 0 | 9 | 0 | 0 | 64 | 64 |
| Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 157 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 49 |
| Hyderabad | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 0 | 168 | 50 | 2 | 0 | 9 | 3 | 0 | 40 | 50 |
| Badin | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 151 | 47 | 0 | 0 | 9 | 8 | 0 | 40 | 46 |
| Padidan | 000 | 0 | 6 | 27 | 03 | 96 | 03 | 1 | 166 | 49 | 2 | 5 | 7 | 7 | 0 | 41 | 39 |
| Nawabshah | 000 | 0 | 6 | 31 | 03 | 96 | 03 | 1 | 170 | 48 | 6 | 0 | 9 | 5 | 0 | 41 | 42 |
| Sukkur | 000 | 0 | 0 | 05 | 03 | 95 | 05 | 4 | 163 | 52 | 7 | 0 | 9 | 9 | 0 | 43 | 50 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 7 | 31 | 03 | 96 | 03 | 5 | 171 | 53 | 7 | 0 | 9 | 5 | 0 | 41 | // |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 8 | 13 | 03 | 95 | 00 | 2 | 560 | 40 | 1 | 7 | 6 | 6 | 1 | 32 | 38 |
| Cherat | 000 | 0 | 3 | 36 | 05 | 96 | 01 | 1 | 501 | 45 | 4 | 5 | 0 | 0 | 0 | 1 | 45 |
| Kakul | 000 | 0 | 7 | 36 | 02 | 97 | 02 | 2 | 509 | 97 | 3 | 5 | 6 | 3 | 0 | 29 | 45 |
| Landikotal | 000 | 0 | 8 | 00 | 00 | 98 | 02 | 2 | 504 | 41 | 3 | 3 | 6 | 3 | ( | // | 38 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Miranshah | 000 | 0 | 8 | 86 | 05 | 96 | 02 | 0 | 504 | 49 | 8 | 0 | 9 | 0 | 0 | // | // |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 493 | 42 | 6 | 5 | 6 | 1 | 1 | 35 | 35 |
| Hindubagh | 055 | 0 | 9 | 00 | 00 | 90 | 50 | 0 | /// | 26 | 8 | 8 | 3 | 0 | 0 | 21 | 18 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Samungli (Quetta) | 009 | 0 | 8 | 00 | 00 | 95 | 03 | 2 | 504 | 37 | 8 | 5 | 6 | 0 | 0 | 35 | 24 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 508 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 48 |
| Nushki | 073 | 9 | 8 | 00 | 00 | 97 | 03 | 6 | 535 | 46 | 5 | 4 | 9 | 3 | 0 | 39 | 44 |
| Dalbandin | 018 | 8 | 6 | 05 | 03 | 94 | 01 | 6 | 502 | 45 | 0 | 0 | 9 | 0 | 5 | 45 | 45 |
| Kalat | 070 | 0 | 9 | 18 | 00 | 96 | 00 | 7 | 508 | 33 | 9 | 7 | 9 | 2 | 1 | 33 | 28 |
| Khuzdar | 031 | 4 | 6 | 00 | 00 | // | 03 | 6 | 479 | 98 | 4 | 5 | 6 | 5 | 0 | 46 | // |
| Panjgur | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| STATIONS (2) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 0.6 | — | 0.0 | — |
| Cox's Bazar | + : | — 0 | 0.7 | — 3.6 | 0.0 | 140 |
| Chittagong | — 2 | — 1 | 1.2 | — 1.6 | 000.0 | 108 |
| Maijdee Court | — 2 | — 6 | 0.4 | — 1.5 | 000.0 | 115 |
| Comilla | — 1 | + 7 | 0.5 | — 1.2 | 0.0 | 194 |
| Brahmanbaria | — | — | 1.3 | — 0.1 | 00.0 | 78 |
| Sylhet | — | | | | | — |
| Srimangal | — 5 | | | | | 98 |
| Mymensingh | 0 | — 5 | 0.0 | — 1.0 | 0.0 | 91 |
| Narayanganj | + 3 | — 1 | 1.3 | + 0.1 | 00.0 | 74 |
| Dacca (Tejgaon) | — | — | 1.3 | — | 0.0 | — |
| Faridpur | — 2 | — 1 | 1.6 | + 0.3 | 00.0 | 71 |
| Barisal | — 1 | — 4 | 0.9 | — 0.9 | 00.0 | 81 |
| Khulna | + 5 | + 2 | 0.4 | — 1.0 | 00.0 | 68 |
| Satkhira | + 1 | — 3 | 0.2 | — 1.8 | 00.0 | 65 |
| Jessore | — | — | 1.1 | — 0.1 | 0.0 | 48 |
| Pabna | — | — | 1.0 | — | 0.0 | 59 |
| Sirajganj | — 2 | — 2 | 0.4 | — 0.5 | 00.0 | 64 |
| Rajshahi | + 3 | — 1 | 3.0 | + 2.3 | 00.0 | — |
| Bogra | — 2 | — 3 | 1.3 | + 0.4 | 00.0 | 69 |
| Dinajpur | 0 | — 1 | 0.8 | + 0.2 | 00.0 | 72 |
| Rangpur | — 2 | — | 0.0 | — 0.5 | 00.0 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | 0 | + 1 | 0.0 | — 0.8 | 00.0 | 19 |
| Sialkot | — 6 | / | 0.0 | — 1.3 | 0.0 | 32 |
| Jhelum | — | — | 0.0 | — | 0.0 | — |
| Islamabad | — | | | | | |
| Rawalpindi | — | + 1 | 0.2 | — 1.9 | 0.0 | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 3 | — 6 | 0.0 | — 0.6 | 0.0 | 18 |
| Sargodha | — | — | 0.1 | — | 0.0 | — |
| Lyallpur | + 2 | + 2 | 0.0 | — 0.4 | 0.0 | 12 |
| Sahiwal | | | | | | 18 |
| Multan | + 3 | + 1 | 0.0 | — 0.3 | 00.0 | 7 |
| Leiah | — | — 1 | 0.0 | — 0.2 | 0.0 | 8 |
| Khanpur | + 4 | — 2 | 0.0 | 0.8 | 0.0 | 6 |
| Bahawalpur | — | — 1 | 0.0 | — 0.2 | 0.0 | 6 |
| Fort Abbas | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | — | — | 0.0 | — | 0.0 | — |
| Peshawar | + 4 | + 5 | 0.5 | — 0.7 | 00.0 | 11 |
| Haripur | — | — | 0.9 | — | 00.0 | — |
| Bannu | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | + 2 | + 3 | 0.0 | — 0.4 | 0.0 | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | — | — | 0.0 | — | 0.0 | 2 |
| Turbat | — | — | 0.0 | — | 0.0 | — |
| Jiwani | — | — | 2.7 | — | 0.0 | 5 |
| Pasni | + 4 | — | 0.0 | — 1.3 | 0.0 | 6 |
| Ormara | — | — | 0.0 | — 1.0 | 0.0 | 6 |
| Lasbela | | | | | | 8 |
| Karachi (Manora) | + 3 | + 4 | 0.0 | — 0.3 | 0.0 | 8 |
| Karachi (Airport) | — | — | 2.0 | — | 0.0 | — |
| Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| Chhor | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | + 3 | — | 0.0 | — 0.2 | 0.0 | 9 |
| Badin | + 5 | — 2 | 0.0 | — 0.3 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.0 | — | 0.0 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | — 2 | — | 0.1 | — 0.2 | 0.0 | 20 |
| Veraval | | | | | | 26 |
| HILL STATIONS | | | | | | |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 86 |
| Dras | | | | | | 3 |
| Leh | | | | | | 6 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 59 |
| Murree | | | | | | 18 |
| Drosh | + 10 | + 6 | 0.6 | — | 0.0 | 19 |
| Cherat | + 8 | + 6 | 0.6 | — 1.1 | 00.0 | — |
| Kakul | — | — | 1.0 | — | 0..0 | — |
| Landikotal | — | + 9 | 0.7 | — | 0.0 | 25 |
| Parachinar | + 5 | | | | | 18 |
| Miranshah | — | — | 0.0 | — 1.0 | 0.0 | 11 |
| Wana | — | | | | | 11 |
| Fort Sandeman | — 3 | + 7 | 0.0 | — 0.8 | 0.0 | — |
| Hindubagh | — | — | 0.7 | — | 0.5 | 9 |
| Loralai | | | | | | — |
| Barkhan | | | | | | 14 |
| Harnai | — | | | | | 9 |
| Samungli (Quetta) | — | — 7 | 0.7 | — 1.0 | 0.0 | 8 |
| Chaman | — 1 | + 14 | 0.0 | — 2.1 | 0.0 | — |
| Nushki | — | — | 1.0 | — | 0.0 | 4 |
| Dalbandin | 0 | + 12 | 0.2 | — 0.8 | 0.0 | 7 |
| Kalat | + 8 | + 2 | 0.7 | — 0.8 | 0.0 | — |
| Khuzdar | — | — | — | — | 0.0 | 5 |
| Panjgur | | | | | | — |

... in Code.
...stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
...stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
...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.
...ever 999 is given RRR see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 10th JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR\,t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $4\,d_wP_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Mohammdi | 99 1 70 | 00 6 36 | 09 6 03 | 03 3 09 | 99 0 10 | 14 1 25 | 00 9 00 | 93 4 00 | 65 3 18 | | | | 30 5 01 | 03 5 01 |
| Inviobanks | 99 2 26 | 10 6 80 | 09 1 23 | 33 2 02 | 98 0 20 | 16 2 23 | 00 9 02 | 34 4 00 | 80 0 59 | | | 17 3 44 | 32 5 01 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 132 23 | ... | 490 088 56 | 097 004 50 | 573 141 56 | 739 229 56 | 945 359 56 | 215 573 // | 391 725 // | ... | ... | ... | — |
| Dacca ... | 00 00 | 016 112 34 | .. | 500 076 60 | 098 006 56 | 573 135 66 | 729 227 66 | 945 343 // | ... | ... | ... | ... | ... | — |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 121 25 | ... | 774 024 15 | 038 041 // | 561 191 // | 272 301 // | 923 405 // | 195 471 // | ... | ... | ... | ... | — |
| Multan ... | 00 00 | 011 105 17 | ... | 500 144 63 | 220 044 53 | 598 075 60 | 759 161 // | 973 245 // | 250 375 // | — | ... | — | ... | ... |
| Peshawar ... | 00 00 | 005 090 57 | ... | 500 064 57 | 038 045 50 | 561 207 36 | 723 305 // | 921 451 // | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 819 006 11 | ... | ... | 048 017 // | 562 205 // | 714 289 // | 926 397 // | 196 515 // | ... | ... | ... | ... | — |
| Sargodha ... | 00 00 | 993 094 57 | — | 480 084 57 | 058 041 56 | 564 185 // | 729 281 // | 927 385 // | 199 495 // | — | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed (PmPmPm dmdm fmfmfm) | TROPOPAUSE $P_tT_tP_tT_tT_tT_{st}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 990 113 56 | 800 064 56 | 600 053 50 | 350 285 56 | ... | ... | — | — | ... | ... | — | — |
| Dacca ... | 00 00 | 900 112 59 | 800 060 61 | 600 055 66 | 350 275 65 | ... | ... | ... | ... | — | ... | — | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | ... | — | ... | — | — | ... | ... | ... | — |
| Multan ... | 00 00 | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 809 034 // | 350 335 // | 350 335 // | ... | ... | ... | — | ... | ... | — | ... | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | — | ... | — | ... | ... | — |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 005 03 | 360 09 | 350 08 | 325 11 | 285 15 | 280 19 | — | — | ... | 030 09 | 350 09 | 340 10 | 320 15 | 332 03 | 310 15 |
| Bogra ... | 280 11 | 280 10 | 265 08 | 275 10 | 230 31 | ... | — | ... | — | 020 05 | 340 02 | 250 06 | 290 18 | 300 31 | ... |
| Chaklala ... | ... | 360 03 | 120 08 | 300 02 | | ... | ... | ... | ... | | | | ... | ... | ... |
| Chhor ... | 270 06 | 290 18 | 265 06 | 110 05 | 160 03 | 270 05 | 270 21 | 250 46 | 250 33 | 335 04 | 320 06 | 265 08 | 225 14 | 270 12 | 300 23 |
| Chittagong ... | 345 05 | 355 08 | 005 08 | 325 08 | 170 15 | 255 16 | ... | ... | — | ... | — | — | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | — | — | ... | | | ... | — | ... | ... |
| Cox's Bazar ... | 250 02 | 265 05 | 270 12 | 285 05 | — | ... | — | ... | ... | 260 11 | 250 20 | ... | ... | ... | — |
| Dacca ... | 315 07 | 320 06 | 355 04 | 330 10 | 300 13 | 290 13 | ... | ... | ... | 205 10 | 351 12 | 310 15 | ... | 290 20 | |
| Dalbandin ... | ... | ... | 045 05 | 040 07 | 195 04 | 245 25 | 235 26 | ... | ... | ... | ... | 005 08 | 140 14 | 230 19 | 255 17 |
| D. I. Khan ... | 175 03 | 135 03 | 030 03 | 125 01 | 270 03 | 210 62 | | ... | ... | 315 03 | 305 04 | 285 05 | 245 04 | ... | ... |
| Drosh ... | ... | ... | ... | 160 02 | 100 08 | 020 07 | 190 10 | ... | ... | ... | — | ... | 055 09 | 025 12 | 015 09 |
| Fort Sandeman ... | | — | ... | 340 14 | 350 03 | 185 09 | ... | ... | ... | ... | ... | ... | 060 08 | 030 04 | 310 14 |
| Gilgit ... | ... | ... | | | ... | ... | ... | ... | ... | | | | | | |
| Ishurdi ... | 280 12 | 280 10 | 265 18 | 275 12 | 320 21 | | ... | ... | ... | 105 04 | 130 03 | 330 07 | 305 17 | 310 29 | 310 13 |
| Jacobabad ... | 040 03 | 080 03 | 125 04 | 205 08 | 210 15 | 290 21 | — | ... | ... | 035 05 | 070 03 | 135 03 | 150 07 | 175 16 | 230 21 |
| Jessore ... | 005 06 | 335 06 | 320 05 | 310 09 | 300 51 | 290 21 | 275 21 | ... | | 150 03 | 095 04 | 105 03 | 055 09 | 360 21 | 285 13 |
| Jhelum ... | 310 05 | 215 07 | 275 06 | 170 03 | 325 03 | 225 07 | 240 21 | 250 08 | 265 41 | 0 5 04 | 340 06 | 330 02 | 265 04 | 245 05 | 255 06 |
| Jiwani ... | 170 03 | 225 07 | 250 08 | 251 2 | 265 17 | | ... | | | 265 09 | 255 14 | 280 14 | ... | .. | ... |
| Karachi ... | 230 10 | 255 06 | 245 06 | 305 03 | 265 06 | 270 10 | 260 13 | 245 23 | 250 18 | | | | ... | — | ... |
| Khanpur ... | 285 03 | 008 03 | 030 04 | 050 03 | 200 08 | 050 83 | 255 23 | 245 18 | 255 47 | 150 12 | 190 06 | 185 16 | 230 06 | | |
| Khuzdar ... | ... | ... | ... | ... | ... | | ... | | ... | ... | | | 250 09 | 260 20 | |
| Lahore ... | 310 03 | 290 04 | 285 05 | 285 05 | 220 02 | 275 01 | ... | .. | ... | 355 08 | 355 03 | 335 03 | 215 01 | 195 01 | 270 01 |
| Multan ... | 180 01 | 195 11 | 155 09 | 230 08 | 220 06 | 190 08 | | | ... | 160 14 | 160 14 | 160 12 | 215 08 | 215 08 | 270 10 |
| Nawab Shah ... | 295 02 | 230 03 | 240 03 | 200 07 | 240 11 | 240 15 | 275 12 | 290 43 | 315 62 | 305 04 | 255 08 | 240 14 | 275 17 | 250 11 | 245 21 |
| Nokkundi ... | | | 130 05 | 265 05 | 230 09 | ... | ... | .. | — | ... | ... | 335 13 | 300 14 | 285 16 | 290 17 |
| Panjgur ... | ... | | | | ... | ... | ... | . | ... | ... | | | | | |
| Peshawar ... | . | 180 03 | 325 04 | 325 04 | ... | . | ... | ... | ... | ... | 340 02 | 250 02 | 065 02 | 075 02 | 110 09 |
| Parachinar ... | ... | ... | .. | 055 06 | 140 12 | ... | ... | ... | ... | .. | .. | | 215 03 | 110 05 | ... |
| Quetta ... | ... | | | 205 17 | 160 07 | | ... | ... | ... | ... | ... | ... | ... | | ... |
| Sargodha ... | 240 05 | 270 04 | 300 04 | 045 04 | 315 01 | 295 03 | 280 10 | 275 13 | ... | ... | — | ... | | | |
| Skardu ... | | | | 065 01 | 175 02 | ... | . | ... | ... | ... | | ... | 085 05 | 135 02 | 055 05 |
| Sylhet ... | 275 05 | 275 05 | 280 01 | 210 01 | 055 04 | 250 04 | .. | — | .. | 085 15 | 075 15 | 065 06 | 140 03 | 020 06 | 280 22 |
| Veraval ... | ... | ... | | | ... | ... | | — | ... | ... | ... | | — | | |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.[illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 005 05 | 020 07 | 335 07 | 305 12 | 311 15 | | | | | | |
| Bogra ... | 100 02 | 090 02 | 090 03 | 260 15 | 305 14 | 300 41 | 290 41 | ... | ... | ... | ... |
| Chaklala ... | | 155 03 | 105 04 | 009 07 | 090 10 | | | ... | ... | ... | ... |
| Chhor ... | 265 06 | 282 07 | 270 09 | 260 11 | 265 12 | 270 16 | 265 36 | 270 14 | 270 60 | 270 67 | 270 [illegible] |
| Chittagong ... | 345 04 | 335 14 | 330 18 | 325 10 | 320 32 | ... | ... | ... | ... | ... | ... |
| Cherat ... | | | | | ... | ... | — | ... | — | ... | ... |
| Cox's Bazar ... | 010 22 | 010 22 | 065 30 | 330 04 | | | | | | | |
| Dacca ... | 025 04 | 030 03 | 325 06 | 325 14 | 320 21 | 320 15 | 390 29 | 285 30 | 275 43 | 280 43 | 275 |
| Dalbandin ... | ... | | 070 04 | 360 02 | 255 04 | ... | ... | ... | ... | ... | . |
| D. I. Khan ... | ... | ... | | ... | — | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | | | | | ... | ... | ... | ... | ... |
| Fort Sandeman ... | | | ... | | | | .. | ... | ... | ... | ... |
| Gilgit ... | | | .. | 280 02 | 210 02 | 330 03 | .. | ... | ... | ... | ... |
| Ishurdi ... | 170 02 | 185 02 | 220 06 | 275 13 | 305 25 | 340 13 | ... | ... | ... | ... | |
| Jacobabad ... | 350 09 | 350 08 | 335 08 | 280 03 | 160 05 | | ... | ... | ... | | |
| Jessore ... | 135 04 | 190 04 | 200 06 | 235 12 | 280 16 | 315 21 | 320 12 | 310 20 | 310 13 | ... | .. |
| Jhelum ... | | | | | | | | | | .. | .. |
| Jiwani ... | 340 09 | 240 04 | 320 19 | 295 28 | 265 09 | 250 25 | 285 54 | 285 60 | 285 72 | ... | ... |
| Karachi ... | 010 08 | 280 19 | 275 22 | 280 29 | 305 13 | 295 25 | ... | ... | ... | — | |
| Khanpur ... | ... | — | ... | ... | ... | ... | .. | ... | .. | .. | .. |
| Khuzdar ... | | | | | | | . | ... | ... | ... | ... |
| Lahore ... | 090 01 | 150 01 | 175 03 | 175 07 | 095 03 | 180 04 | — | ... | ... | ... | ... |
| Multan ... | 065 01 | 170 11 | 180 08 | 195 04 | 235 08 | | . | ... | ... | .. | |
| Nawab Shah ... | 220 04 | 235 09 | 275 11 | 265 15 | 255 12 | 255 25 | 265 12 | 260 65 | 270 74 | 278 28 | 276 |
| Nokkundi ... | .. | | 335 01 | 300 06 | 335 09 | ... | ... | ... | ... | .. | . |
| Panjgur ... | ... | | | | | | | ... | ... | .. | . |
| Peshawar ... | ... | 125 02 | 020 05 | 005 05 | 120 08 | 105 11 | — | ... | ... | .. | . |
| Parachinar ... | . | ... | — | | | . | | ... | ... | ... | . |
| Quetta ... | ... | ... | | | 245 05 | | | ... | ... | ... | . |
| Sargodha ... | 220 07 | 215 07 | 195 07 | 155 04 | 120 06 | 140 07 | 240 12 | ... | ... | ... | . |
| Skardu ... | ... | ... | ... | . | ... | — | ... | ... | ... | ... | . |
| Sylhet ... | ... | ... | ... | ... | . | ... | ... | ... | ... | ... | . |
| Veraval ... | .. | ... | ... | ... | ... | .. | ... | ... | ... | ... | . |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 245 09 | 270 15 | 270 13 | 245 21 | 275 11 | 270 30 | 270 25 | 270 28 | 275 11 | 265 87 | 245 19 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

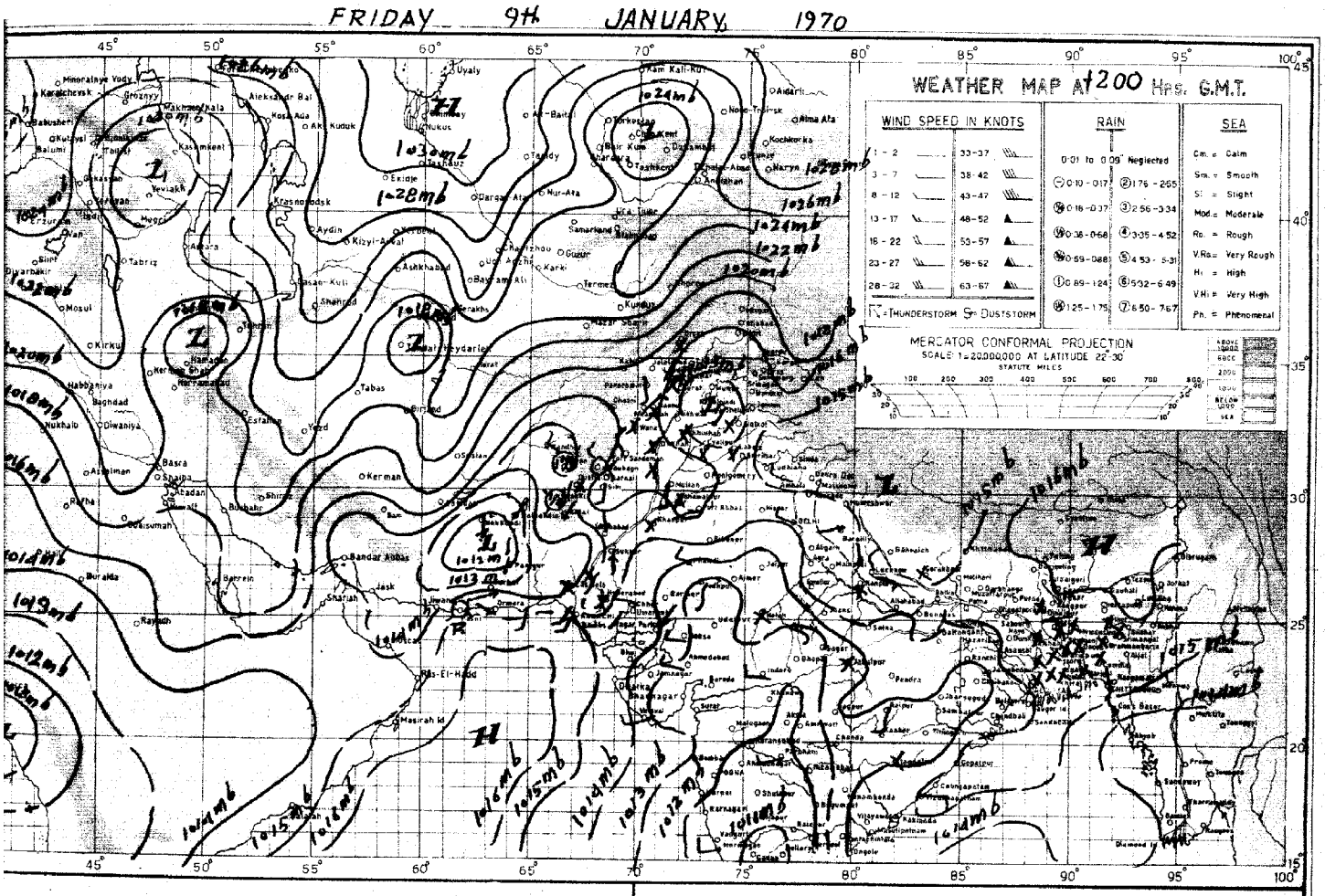
† The actual time of observations may vary within half an hour of the specified time.

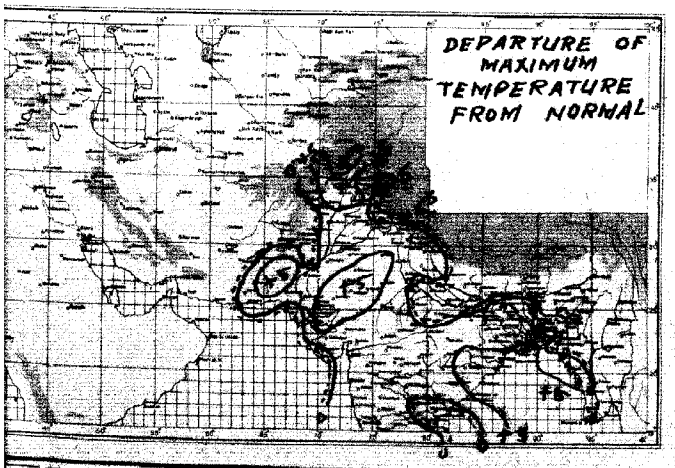
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

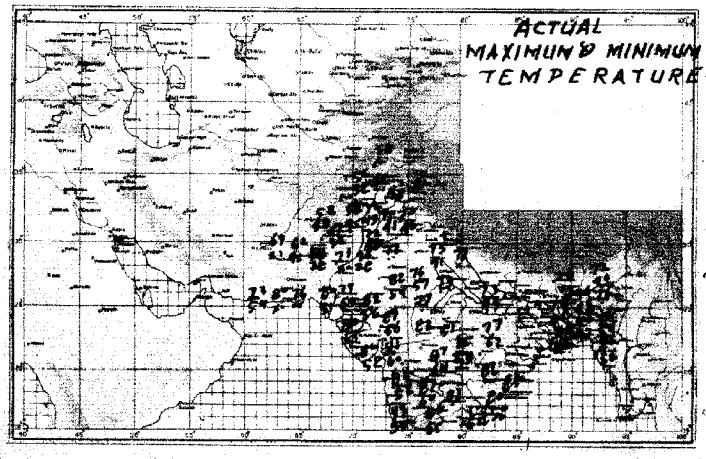
The accuracy of individual entries in this report cannot the be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre | Air Port, KARACHI—1.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 9th JANUARY 1970



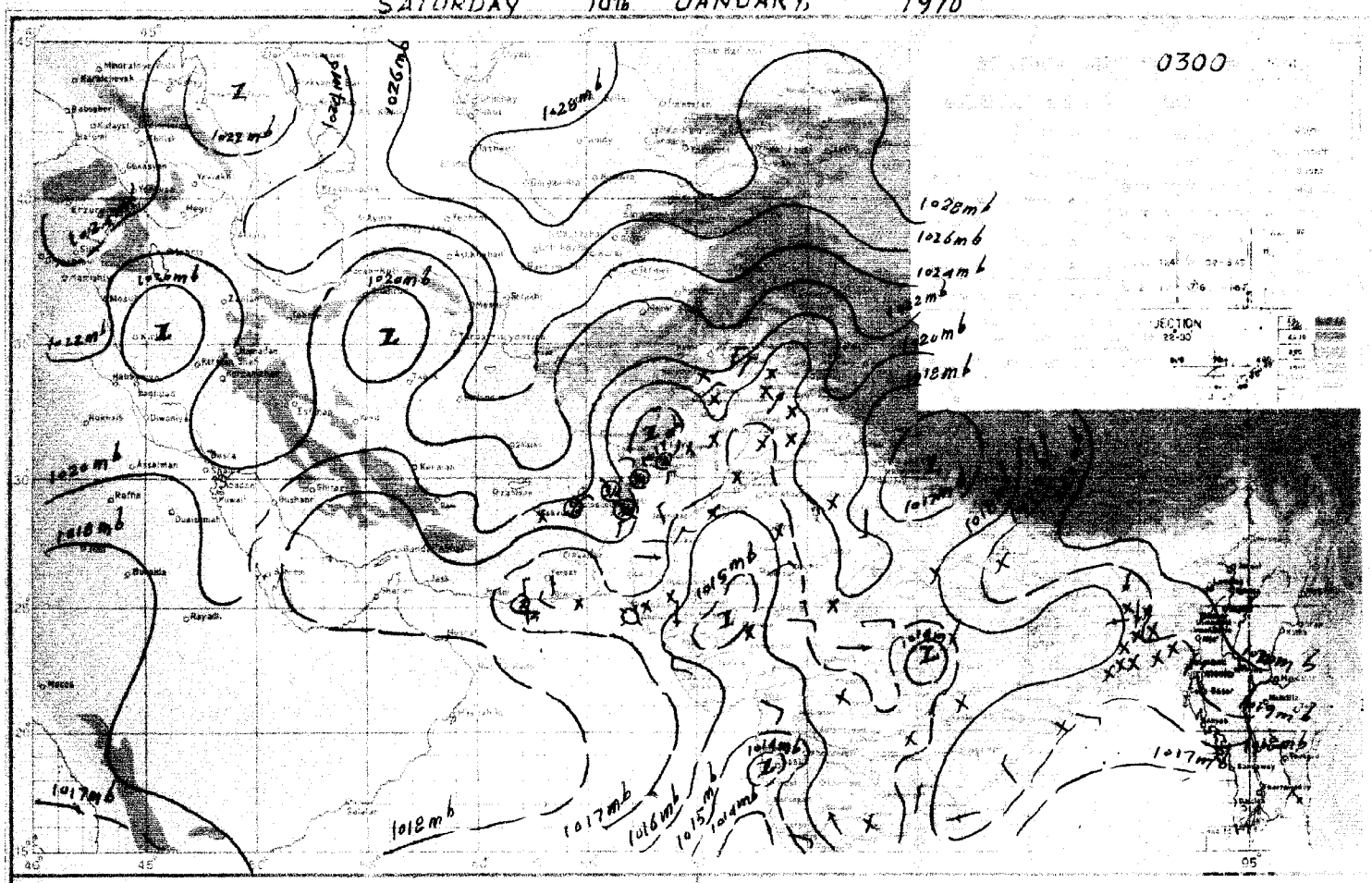



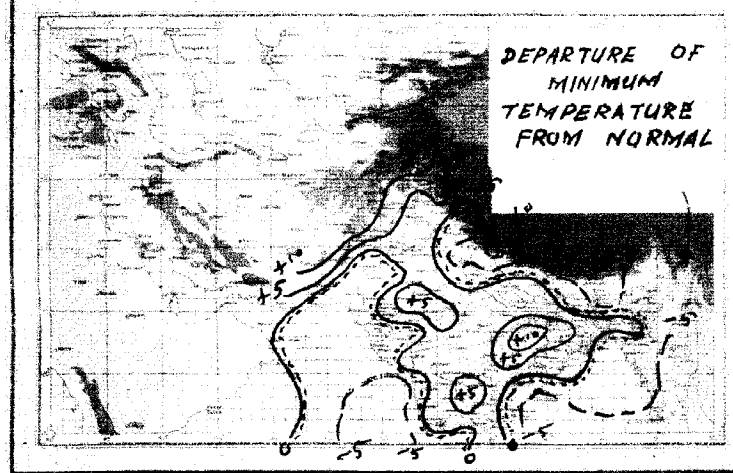



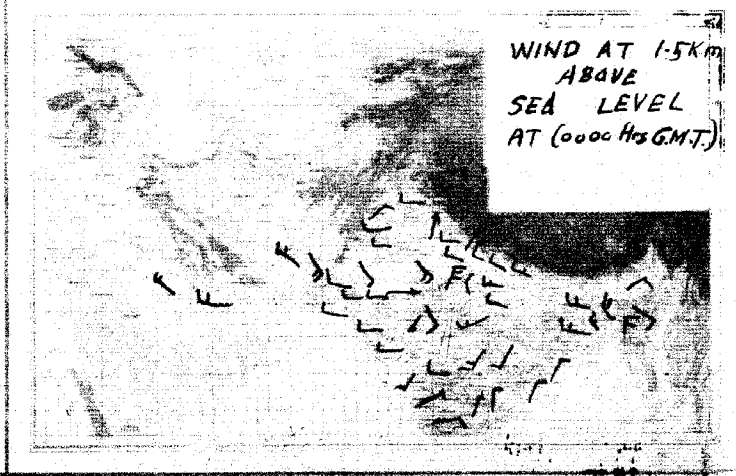

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

SATURDAY 10th JANUARY, 1970



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s 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SUNDAY THE 11th JANUARY 1970.**

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

The trough of low pressure over Bihar has become unimportant.

Weather remained dry over East Pakistan.

Yesterday's western disturbance over Khairpur division moved away towards Rajasthan. Its trough extends to Lahore division.

Scattered rain/drizzle occured in Quetta division. A few falls of rain drizzle also occured in D. I. Khan Lahore, Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are : Quetta ½" and Fort Sandeman ¼".

Night temperatures were 3—6 °F (2—3 °C) above normal in Chittagong, Rajshahi, Lahore, Rawalpindi, Quetta and Hyderabad divisions.

**Forecast valid until the evening of 12th January 1970 :—** Scattered rain/thundershower is likely to occur over Peshawar, Rawalpindi and Lahore divisions and Kashmir. Dry weather will prevail elsewhere over the country.

chi-11
11th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

| STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) | Dry Bulb temperature °F | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CH | CH | TdTd | TxTx | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Rangamati | 000 | 0 | 2 | 36 | 02 | // | 01 | 4 | 155 | 70 | 2 | 3 | 7 | 9 | 0 | 48 | 76 | 000 | 6 | 4 | 27 | 05 | 97 | 42 | 4 | 198 | 68 | 4 | 4 | 6 | 1 | 0 | 56 | 56 | — | — | 0.6 | — | 0.0 | — |
| Cox's Bazar | 000 | 0 | 7 | 36 | 09 | // | 02 | 0 | 187 | 70 | 3 | 6 | 4 | 3 | 1 | 58 | 77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | 140 |
| Chittagong | 000 | 0 | 6 | 31 | 02 | // | 02 | 2 | 157 | 68 | 0 | 0 | 9 | 9 | 4 | 56 | 76 | 000 | 0 | 7 | 09 | 02 | 96 | 02 | 2 | 185 | 60 | 0 | 0 | 9 | 1 | 0 | 58 | 54 | — 2 | — 1 | 1.2 | — 1.6 | 0.0 | 106 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 1 | 171 | 76 | 0 | 0 | 9 | 9 | 0 | 73 | 78 | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 181 | 65 | 0 | 0 | 9 | 1 | 0 | 51 | 54 | — 0 | — 3 | 0.4 | — 1.5 | 0.0 | 112 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 140 | 70 | 0 | 0 | 9 | 9 | 0 | 70 | 76 | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 187 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — 2 | + 6 | 0.5 | — 1.2 | 0.0 | 194 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 148 | 70 | 0 | 0 | 9 | 9 | 0 | 63 | 77 | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 1 | 182 | 68 | 0 | 0 | 9 | 0 | 7 | 60 | // | — | — | 1.3 | — 0.1 | 0.0 | 78 |
| Sylhet | 000 | 0 | 0 | 09 | 02 | // | 02 | 4 | 149 | 67 | 0 | 0 | 9 | 9 | 0 | // | 76 | 000 | 0 | 8 | 09 | 05 | 96 | 02 | 0 | 188 | 60 | 2 | 0 | 9 | 0 | 0 | 54 | 54 | — | — | 1.5 | — | 0.0 | — |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 193 | 59 | 0 | 0 | 9 | 0 | 0 | 59 | 43 | — | — 4 | 1.5 | — 0.2 | 0.0 | 99 |
| Mymensingh | 000 | 0 | 8 | 00 | 00 | // | 00 | 0 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 50 | 78 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 191 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 50 | 0 | — 4 | 0.0 | — 1.0 | 0.0 | 91 |
| Narayanganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 3 | 00 | 07 | 97 | 03 | 1 | 188 | 69 | 3 | 6 | 6 | 0 | 6 | 56 | 56 | | + 1 | 1.3 | + 0.1 | 0.0 | 74 |
| Dacca (Tejgaon) | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | 153 | 70 | 0 | 0 | 9 | 0 | 1 | 58 | 77 | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | 187 | 62 | 0 | 0 | 9 | 0 | 1 | 51 | 50 | — | — | 1.3 | — | 0.0 | — |
| Faridpur | 000 | 0 | 2 | 00 | 00 | 93 | 01 | 1 | 149 | 70 | 0 | 0 | 9 | 0 | 1 | 54 | 73 | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 180 | 68 | 4 | 4 | 6 | 1 | 0 | 49 | // | — 2 | / | 1.6 | — 0.3 | 0.0 | 71 |
| Barisal | 000 | 0 | 3 | 00 | 00 | 95 | 02 | 0 | 155 | 67 | 3 | 4 | 5 | 0 | 2 | // | 77 | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 2 | 181 | 65 | 0 | 0 | 9 | 2 | 1 | 51 | 54 | 0 | 0 | 0.9 | — 0.9 | 0.0 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 0 | 67 | 82 | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 164 | 66 | 1 | 1 | 5 | 0 | 0 | 56 | 58 | + 5 | + 4 | 0.4 | — 1.0 | 0.0 | 68 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 155 | 63 | 0 | 0 | 9 | 0 | 0 | 58 | 80 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 184 | 63 | 2 | 0 | 0 | 0 | 2 | 59 | 52 | + 1 | — 0 | 0.2 | — 1.8 | 0.0 | 65 |
| Jessore | 000 | 0 | 3 | 16 | 03 | 97 | 02 | 0 | 151 | 70 | 0 | 0 | 9 | 0 | 5 | 51 | 79 | 000 | 0 | 5 | 00 | 00 | 96 | 05 | 0 | 186 | 62 | 4 | 0 | 9 | 4 | 8 | 56 | 54 | — | — | 1.0 | — 0.1 | 0.0 | 46 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 13 | 02 | 96 | 03 | 1 | 185 | 60 | 6 | 0 | 9 | 3 | 8 | 54 | 56 | — (1) | — | 1.0 | — | 0.0 | 69 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 156 | 71 | 0 | 0 | 9 | 0 | 0 | 54 | 76 | 000 | 0 | 4 | 36 | 01 | 99 | 02 | 2 | 179 | 59 | 4 | 0 | 7 | 4 | 0 | 56 | 54 | + 1 | + 2 | 0.4 | — 0.4 | 0.0 | 64 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 153 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 76 | 000 | 0 | 3 | 09 | 02 | 96 | 03 | 1 | 185 | 68 | 0 | 0 | 9 | 2 | 0 | 56 | 58 | + 1 | + 7 | 3.0 | — 2.3 | 0.0 | — |
| Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 151 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 80 | 000 | 0 | 2 | 13 | 02 | 96 | 01 | 0 | 186 | 62 | 2 | 3 | 5 | 7 | 0 | 51 | 51 | 4 5 | — 1 | 1.3 | + 0.4 | 0.0 | 69 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 149 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 76 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 181 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 49 | 0 | — 0 | 0.8 | + 0.2 | 0.0 | 72 |
| Rangpur | 000 | 0 | 8 | 00 | 00 | 96 | 01 | 0 | 145 | 56 | 0 | 0 | 9 | 0 | 0 | 51 | 76 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 180 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 49 | + 1 | — 1 | 0.0 | — 0.5 | 0.0 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 6 | 00 | 09 | 96 | 01 | 0 | 148 | 63 | 3 | 3 | 3 | 5 | 9 | 47 | 64 | 003 | 8 | 8 | 09 | 02 | 95 | 10 | 6 | 170 | 54 | 4 | 5 | 6 | 2 | 0 | 47 | 49 | — 6 | + 9 | 0.0 | — 0.8 | 0.0 | 19 |
| Sialkot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Jhelum | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 2 | 147 | 63 | 2 | 5 | 6 | 4 | 0 | 38 | 70 | 000 | 0 | 8 | 09 | 02 | 96 | 02 | 2 | 175 | 54 | 4 | 5 | 6 | 7 | 0 | 43 | 49 | — | — | 0.1 | — | 0.0 | — |
| Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 008 | 8 | 3 | 03 | 08 | 95 | 51 | 6 | // | // | 6 | 0 | 0 | 0 | 0 | 49 | // | — | — | — | — | | — |
| Rawalpindi | 000 | 0 | 5 | 00 | 00 | 98 | 02 | 2 | 150 | 60 | 8 | 4 | 6 | 0 | 0 | 26 | 76 | 013 | 0 | 8 | 00 | 00 | 96 | 61 | 6 | 178 | 49 | 8 | 5 | 6 | 0 | 0 | 47 | 49 | + 12 | + 11 | 0.3 | — 1.8 | 0.1 | 94 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 8 | 00 | // | 96 | 02 | 2 | 140 | 60 | 5 | 7 | 8 | 1 | 0 | 54 | 63 | 000 | 0 | 6 | // | // | 97 | 01 | 2 | 174 | 38 | 4 | 5 | 8 | 4 | 0 | 33 | 35 | — 6 | — 6 | 0.0 | — 0.4 | 0.0 | 18 |
| Sargodha | 000 | 0 | 2 | 27 | 03 | 96 | 04 | 2 | 149 | 60 | 3 | 5 | 6 | 2 | 0 | 47 | 67 | 002 | 0 | 7 | 00 | 03 | 96 | 04 | 2 | 169 | 51 | 4 | 5 | 6 | 2 | 0 | 47 | 50 | — | — | 0.1 | — | | — |
| Lyallpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 0 | 163 | 51 | 5 | 4 | 8 | 0 | 0 | 50 | 51 | | + 11 | 0.0 | — 0.4 | 0.0 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 2 | 7 | 05 | 12 | 94 | 06 | 5 | 140 | 59 | 4 | 5 | 6 | 7 | 0 | 40 | 65 | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 183 | 47 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | — 4 | + 1 | 0.0 | — 0.3 | 0.0 | 7 |
| Laiah | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 163 | 77 | 0 | 0 | 9 | 0 | 0 | 40 | // | 000 | 0 | 0 | 34 | 00 | 98 | 02 | 0 | 189 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | 000 | 0 | 6 | 36 | 09 | 96 | 01 | 2 | 136 | 63 | 3 | 5 | 6 | 3 | 0 | 45 | 68 | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 0 | 179 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 38 | — 4 | — 2 | 0.3 | 0.0 | 0.0 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 139 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 76 | | | | | | | | | | | | | | | | | | + 5 | | | | | 6 |
| Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 2 | 157 | 72 | 2 | 0 | 9 | 0 | 0 | 44 | 75 | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 154 | 51 | 0 | 0 | 9 | 0 | 0 | 35 | // | // | — | 0.0 | — | 0.0 | 8 |
| Chakdara | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Peshawar | 000 | 0 | 8 | 00 | 00 | 94 | 04 | 2 | 147 | 58 | 3 | 5 | 6 | 2 | 1 | 41 | 63 | 010 | 5 | 8 | 00 | 00 | 96 | 60 | 4 | 189 | 49 | 4 | 5 | 6 | 2 | 1 | 47 | 47 | — 1 | + 6 | 0.5 | — 0.7 | 0.1 | 11 |
| Haripur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Bannu | 000 | 0 | 8 | 25 | 02 | 98 | 50 | 3 | 143 | 56 | 8 | 2 | 5 | 0 | 0 | 40 | // | 000 | 0 | 6 | 23 | 01 | 98 | 03 | 2 | 182 | 47 | 6 | 2 | 6 | 0 | 0 | 43 | 47 | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 011 | 0 | 8 | 36 | 02 | 98 | 03 | 1 | 212 | 43 | 8 | 7 | 6 | 0 | / | 38 | 33 | | — 8 | 0.1 | — 0.3 | 0.1 | 9 |
| Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 2 | 146 | 68 | 0 | 2 | 9 | 2 | 0 | 53 | 69 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 197 | 45 | 0 | 0 | 9 | 0 | 0 | 42 | 44 | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | 000 | 0 | 2 | 31 | 10 | 97 | 02 | 0 | 139 | 64 | 2 | 4 | 7 | 0 | 0 | 37 | 66 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 207 | 41 | 0 | 0 | 9 | 0 | 0 | 31 | 37 | — | — | 0.0 | — | 0.0 | 3 |
| Turbat | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | /// | 79 | 0 | 0 | 9 | 8 | 0 | 42 | 79 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 57 | 0 | 0 | 9 | 0 | 0 | 37 | // | — | — | 0.0 | — | 0.0 | — |
| Jiwani | 000 | 0 | 3 | 27 | 07 | 96 | 03 | 0 | 143 | 71 | 2 | 5 | 6 | 0 | 0 | 59 | 74 | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 163 | 60 | 0 | 0 | 9 | 0 | 0 | 53 | // | — | — | 2.7 | — | 1.9 | 5 |
| Pasni | 000 | 0 | 0 | 25 | 12 | 97 | 02 | 0 | 145 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 78 | 000 | 8 | 4 | 29 | 04 | 97 | 02 | 0 | 156 | 59 | 4 | 0 | 9 | 0 | 0 | 49 | // | + 2 | / | 0.0 | — 1.4 | 0.0 | 6 |
| Ormara | 000 | 0 | 1 | 27 | 09 | 96 | 04 | 0 | 143 | 74 | 1 | 8 | 6 | 0 | 0 | 64 | 76 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 170 | 57 | 0 | 0 | 9 | 0 | 0 | 55 | // | — | — | 0.0 | — 1.1 | 0.0 | 6 |
| Lasbela | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Manora) | 000 | 0 | 5 | 27 | 05 | 97 | 03 | 1 | 174 | 72 | 0 | 0 | 9 | 0 | 0 | 61 | 76 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 8 |
| Karachi (Airport) | 000 | 0 | 5 | 27 | 07 | 96 | 01 | 1 | 134 | 73 | 2 | 5 | 5 | 3 | 0 | 61 | 76 | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 162 | 59 | 2 | 5 | 5 | 0 | 0 | 50 | 57 | — | — | 0.1 | — | 0.1 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 161 | 82 | 0 | 0 | 9 | 0 | 0 | 45 | 81 | | | | | | | | | | | | | | | | | | | | | | | — |
| Chhor | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 125 | 77 | 0 | 0 | 9 | 9 | 0 | 54 | // | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 162 | 51 | 0 | 0 | 9 | 0 | 0 | 33 | 48 | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 000 | 0 | 5 | 23 | 05 | 97 | 03 | 1 | 136 | 79 | 5 | 0 | 9 | 3 | 0 | 51 | 83 | 000 | 0 | 1 | 31 | 05 | 97 | 02 | 0 | 173 | 55 | 1 | 0 | 9 | 3 | 0 | 43 | 50 | + 7 | — 1 | 0.0 | — 0.2 | 0.0 | 9 |
| Badin | 000 | 0 | 6 | 23 | 10 | 96 | 03 | 0 | 128 | 80 | 0 | 0 | 9 | 0 | 8 | 29 | 81 | 000 | 0 | 0 | 27 | 01 | 96 | 02 | 0 | 155 | 65 | 0 | 0 | 9 | 0 | 0 | 49 | 53 | + 5 | + 6 | 0.0 | — 0.4 | 0.0 | — |
| Padidan | 000 | 0 | 1 | 09 | 03 | 96 | 01 | 1 | 133 | 69 | 1 | 0 | 9 | 3 | 0 | 39 | 73 | 000 | 0 | 2 | 33 | 07 | 96 | 01 | 0 | 185 | 43 | 0 | 0 | 9 | 0 | 5 | 38 | 42 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 0 | 34 | 03 | 96 | 02 | 0 | 131 | 74 | 0 | 0 | 9 | 0 | 0 | 50 | 77 | 000 | 0 | 2 | 31 | 02 | 96 | 01 | 1 | 184 | 50 | 2 | 0 | 9 | 3 | 0 | 43 | 47 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 6 | 0 | 05 | 03 | 96 | 02 | 0 | 132 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 74 | 000 | 0 | 0 | 03 | 05 | 95 | 05 | 4 | 183 | 53 | 0 | 0 | 9 | 0 | 0 | 45 | 50 | — | — | 0 | — | 0.0 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 1 | 36 | 02 | 97 | 01 | 5 | 133 | 68 | 1 | 0 | 9 | 2 | 0 | 44 | 69 | 009 | 0 | 0 | 00 | 00 | 96 | 02 | 5 | 183 | 47 | 0 | 0 | 9 | 0 | 0 | 42 | 45 | — 4 | + 2 | 0.2 | — 0.1 | 0.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Dras | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Miagar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Murree | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 0 | /// | 57 | 3 | 7 | 9 | / | / | // | 57 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | | | | | 18 |
| Drosh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Chitral | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kakul | 003 | 2 | 7 | 00 | 00 | 94 | 03 | 2 | 503 | 40 | 7 | 5 | 5 | 0 | 0 | 33 | 40 | | | | | | | | | | | | | | | | | | | | | | | 24 |
| Landikotal | 013 | 3 | 8 | 31 | 02 | 96 | 60 | 6 | 501 | 40 | 5 | 7 | 5 | 2 | / | 38 | 38 | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Parachinar | 006 | 8 | 8 | 36 | 02 | 98 | 03 | 1 | 612 | 43 | 8 | 7 | 6 | / | / | 38 | 33 | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Miranshah | 011 | 9 | 6 | 00 | 00 | 98 | 23 | 7 | 496 | 33 | 4 | 7 | 4 | 3 | 0 | // | // | | | | | | | | | | | | | | | | | | | | | | | 11 |
| Wana | 000 | 0 | 8 | 05 | 04 | 97 | 02 | 0 | 518 | 56 | 2 | 8 | 9 | 0 | 0 | 37 | 58 | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | /// | 44 | 8 | 0 | 9 | 0 | 0 | 29 | 38 | — | — | 0.0 | — 0.9 | 0.0 | 11 |
| Fort Sandeman | 000 | 3 | 8 | 00 | 00 | 97 | 57 | 5 | 477 | 43 | 7 | 7 | 5 | 3 | / | 37 | 44 | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 2 | 492 | 35 | 2 | 5 | 6 | 2 | 0 | 33 | 34 | — 14 | + 4 | 0.0 | — 0.8 | 0.0 | — |
| Hindubagh | 000 | 0 | 6 | 23 | 09 | 97 | 03 | 0 | /// | 52 | 6 | 5 | 5 | 0 | 0 | 21 | 47 | 000 | 0 | 4 | 39 | 09 | 97 | 03 | 0 | /// | 26 | 4 | 7 | 4 | 0 | 0 | 21 | 18 | — | — | 0.8 | — | 0.1 | 9 |
| Khozdar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai | 000 | 0 | 5 | 00 | 03 | 96 | 02 | 0 | 462 | 54 | 0 | 0 | 7 | 0 | 5 | 37 | 56 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 467 | 41 | 0 | 0 | 9 | 0 | 0 | 34 | 39 | — | — | 0.0 | — 1.1 | 0.0 | 9 |
| Samungli (Quetta) | 030 | 3 | 7 | 31 | 10 | 94 | 58 | 1 | 493 | 44 | 7 | 7 | 4 | 8 | 0 | 35 | 44 | 047 | 8 | 3 | 00 | 00 | 96 | 01 | 1 | 513 | 34 | 3 | 4 | 6 | 0 | 0 | 29 | 27 | — 8 | — 2 | 1.2 | + 0.4 | 0.6 | 8 |
| Chaman | 415 | 9 | 9 | 31 | 03 | 96 | 02 | 0 | 484 | 45 | 8 | 0 | 9 | 0 | 0 | 40 | 48 | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 508 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 39 | — 5 | + 5 | 0.0 | — 2.2 | 0.0 | — |
| Nushki | 080 | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 548 | 51 | 0 | 0 | 9 | 0 | 2 | 33 | 55 | 000 | 0 | 0 | 05 | 00 | 97 | 02 | 0 | 554 | 39 | 0 | 0 | 9 | 0 | 0 | 23 | 39 | — | — | 1.0 | — | 0.7 | 4 |
| Dalbandin | 000 | 0 | 6 | 05 | 05 | 98 | 03 | 0 | 495 | 57 | 6 | 6 | 7 | 0 | 0 | 45 | 60 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 1 | 499 | 41 | 0 | 0 | 9 | 0 | 0 | 16 | 32 | — 2 | — 2 | 0.2 | — 0.8 | 0.2 | 7 |
| Kalat | 000 | 0 | 7 | 31 | 03 | 96 | 00 | 2 | 478 | 38 | 1 | 5 | 9 | 2 | / | 31 | // | 003 | 0 | 0 | 05 | 01 | 98 | 00 | 2 | 536 | 35 | 0 | 0 | 9 | 0 | 0 | 24 | 15 | / | — 11 | 0.7 | — 0.9 | 0.7 | — |
| Khuzdar | 000 | 0 | 6 | 27 | 05 | 97 | 01 | 2 | 480 | 38 | 4 | 5 | 8 | 5 | 0 | 34 | 59 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 492 | 40 | 0 | 0 | 9 | 0 | 0 | 34 | 39 | — | — | 0.6 | — | 0.3 | 5 |
| Panjgur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

Code.

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

tions report for WW, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

00 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

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

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 11th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Hinea | 99 2 46 | 20 6 46 | 10 1 23 | 42 2 72 | 99 0 11 | 13 0 23 | 23 4 00 | 64 4 00 | | | 05 3 16 | 17 5 60 | 30 3 02 | 27 5 01 |
| Hinea | 99 2 45 | 10 6 30 | 10 1 83 | 02 6 10 | 99 0 20 | 15 6 22 | 00 9 00 | 64 2 05 | | | 05 3 14 | 17 5 95 | 30 2 01 | 27 5 01 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 013 128 18 | ... | 500 090 50 | 098 008 56 | 570 127 57 | 738 215 57 | 944 361 56 | 211 599 // | 386 689 // | ... | ... | ... | ... |
| Dacca | 00 00 | 016 180 57 | ... | 495 061 58 | 072 045 56 | 567 153 61 | 712 267 60 | 934 397 60 | 199 589 // | 365 703 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 012 170 34 | ... | 430 040 30 | 040 015 // | 558 261 // | 717 345 // | 913 455 // | 175 565 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 002 080 14 | ... | 450 102 58 | 048 020 // | 573 141 // | 739 221 // | 942 291 // | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 975 088 12 | ... | 450 012 00 | 018 069 // | 556 223 // | 771 351 // | 911 483 // | 175 513 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 820 022 56 | ... | /// /// // | 033 131 // | 557 177 // | 719 325 // | 917 441 // | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 994 044 33 | ... | 430 010 56 | 099 101 // | 551 241 // | 711 345 // | 906 471 // | 166 601 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 124 46 | 800 048 56 | 600 057 42 | 350 277 56 | 125 665 // | ... | ... | ... | ... | 177 261 18 | ... | ... |
| Dacca | 00 00 | 900 100 57 | 800 024 56 | 765 000 56 | 703 045 56 | 691 009 59 | 600 091 61 | 350 335 58 | ... | ... | 232 246 09 | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 200 281 08 | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 09 | 809 025 // | 600 157 // | 530 381 // | ... | ... | ... | ... | ... | ... | 665 157 // | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 095 02 | 355 05 | 320 06 | 330 15 | 315 21 | 330 23 | ... | ... | ... |
| Bogra | 245 07 | 250 05 | 280 05 | 295 07 | 285 29 | 275 28 | ... | ... | ... |
| Chaklala | ... | 360 06 | 285 07 | 250 07 | 180 07 | ... | ... | ... | ... |
| Chhor | 275 11 | 260 11 | 270 11 | 240 03 | 248 17 | 275 25 | 285 44 | 280 59 | 280 64 |
| Chittagong | 330 07 | 330 10 | 325 11 | 330 15 | 315 29 | 280 17 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 340 16 | 005 11 | 360 13 | /// // | 335 19 | ... | ... | ... | ... |
| Dacca | 305 04 | 295 04 | 305 03 | 300 09 | 300 09 | 320 28 | ... | ... | ... |
| Dalbandin | ... | ... | 150 04 | 145 06 | 315 15 | ... | ... | ... | ... |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 215 02 | 295 03 | 035 05 | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 330 02 | 335 04 | 350 05 | 005 05 | 010 13 | 315 27 | 300 43 | ... | ... |
| Jacobabad | 330 05 | 140 04 | 340 04 | 280 12 | 290 17 | 300 17 | 260 30 | 265 49 | ... |
| Jessore | 150 06 | 160 04 | 225 03 | 280 11 | 315 17 | 310 23 | 295 33 | ... | ... |
| Jhelum | 070 20 | 300 40 | 290 04 | 170 05 | 125 11 | 125 17 | 300 12 | ... | ... |
| Jiwani | 280 07 | 300 07 | 310 09 | 305 16 | 275 24 | 280 26 | 215 34 | 290 61 | 290 47 |
| Karachi | 250 10 | 265 14 | 275 17 | 290 21 | 275 25 | ... | ... | ... | ... |
| Khanpur | 015 14 | 010 17 | 010 17 | 310 05 | 210 12 | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 305 07 | 289 14 | 260 17 | ... | ... | ... |
| Lahore | 015 07 | 025 07 | 025 08 | 040 07 | 070 08 | 080 10 | 150 09 | 150 07 | ... |
| Multan | 335 11 | 345 14 | 020 06 | 140 15 | 165 25 | 215 31 | ... | ... | ... |
| Nawab Shah | 335 06 | 290 05 | 250 09 | 260 17 | 275 20 | 270 30 | 275 59 | 275 65 | 285 75 |
| Nokkundi | ... | ... | 345 18 | 330 08 | 325 06 | 325 15 | 295 27 | 350 30 | 295 30 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 350 05 | 350 03 | 310 03 | 100 04 | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | 110 5/ | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 210 // | ... | ... | ... | ... |
| Sargodha | 305 05 | 340 06 | 350 08 | 135 04 | 135 09 | 205 19 | 230 29 | ... | ... |
| Skardu | ... | ... | ... | 210 02 | 135 02 | ... | ... | ... | ... |
| Sylhet | 300 10 | 305 08 | 295 07 | 005 03 | 140 05 | 065 09 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T.† of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 045 06 | 150 10 | 290 08 | 510 12 | 315 23 | ... |
| Bogra | 145 03 | 205 10 | 260 07 | ... | ... | ... |
| Chaklala | ... | 265 05 | 280 04 | 250 06 | ... | ... |
| Chhor | 020 11 | 360 13 | 310 17 | 280 13 | 250 08 | 170 07 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... |
| Dacca | 060 08 | 020 06 | 290 09 | 310 13 | 310 22 | 285 36 |
| Dalbandin | ... | ... | 060 05 | 075 08 | 360 04 | 015 23 |
| D. I. Khan | 045 04 | 075 03 | 130 01 | 230 03 | 061 04 | 355 11 |
| Drosh | No | Ascent | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 320 06 | 270 13 | 275 14 |
| Gilgit | ... | ... | ... | ... | ... | ... |
| Ishurdi | 185 02 | 195 03 | 240 05 | 285 10 | 305 12 | ... |
| Jacobabad | 125 07 | 155 07 | 055 06 | 360 08 | 380 08 | 380 08 |
| Jessore | 170 02 | 210 01 | 275 03 | 265 08 | 280 13 | 300 24 |
| Jhelum | 260 13 | 235 07 | 125 07 | ... | ... | ... |
| Jiwani | 320 16 | 310 11 | 310 07 | 140 03 | 250 14 | 295 24 |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 030 11 | 075 15 | 045 14 | 045 15 | 360 16 | 380 20 |
| Khuzdar | ... | ... | ... | 330 04 | 328 10 | 310 21 |
| Lahore | 098 07 | 125 08 | 125 10 | 120 15 | 130 08 | ... |
| Multan | 360 13 | 360 08 | 005 06 | 300 10 | 315 13 | 270 16 |
| Nawab Shah | 025 09 | 360 10 | 325 13 | 290 12 | 265 10 | 305 08 |
| Nokkundi | ... | ... | 225 03 | 360 07 | 295 03 | 330 02 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 300 04 | 035 02 | 025 03 | 170 03 | 095 04 |
| Parachinar | No | Ascent | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 150 03 | 260 07 | 235 09 | 205 08 | 240 10 | ... |
| Skardu | ... | ... | ... | ... | ... | ... |
| Sylhet | 108 08 | /// // | /// // | 305 10 | 285 01 | 360 09 |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T.† of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 |
|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 |
| Barisal | 045 04 | 045 05 | 360 06 | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 120 07 | 175 03 | 325 05 | 255 09 | 300 12 | 285 36 | 285 42 | ... | ... | ... |
| Chaklala | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor | 025 08 | 005 12 | 340 11 | 280 11 | 270 12 | 295 27 | 300 39 | 300 45 | 295 52 | ... |
| Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 351 09 | 350 15 | 350 24 | 330 26 | 325 39 | ... | ... | ... | ... | ... |
| Dacca | 035 05 | 360 05 | 325 05 | 305 06 | 295 08 | 305 11 | 295 25 | 285 37 | 285 43 | 275 40 |
| Dalbandin | ... | ... | 080 05 | 065 05 | 030 08 | 315 19 | 300 37 | 295 38 | 295 47 | 290 43 |
| D. I. Khan | 085 01 | 050 05 | 050 08 | 010 12 | 300 21 | 305 20 | 325 12 | 285 13 | 295 21 | 300 52 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 270 04 | 265 06 | 275 10 | 290 21 | ... | ... | ... |
| Gilgit | ... | ... | ... | 165 01 | 130 03 | 140 03 | 140 09 | ... | ... | ... |
| Ishurdi | 165 04 | 175 05 | 230 06 | 280 16 | 285 16 | 280 31 | ... | ... | ... | ... |
| Jacobabad | 125 05 | 295 03 | 295 04 | 305 09 | 290 16 | 305 21 | 300 25 | ... | ... | ... |
| Jessore | 135 06 | 170 08 | 220 06 | 280 10 | 285 13 | 280 21 | 290 30 | 290 34 | ... | ... |
| Jhelum | 075 05 | 100 12 | 105 10 | 135 11 | ... | ... | ... | ... | ... | ... |
| Jiwani | 065 05 | 320 04 | 320 03 | 280 09 | 280 14 | 225 15 | 255 21 | 270 27 | 280 31 | 280 43 |
| Karachi | 075 09 | 350 02 | 360 07 | 270 07 | 285 10 | 295 22 | 290 31 | 285 35 | 290 39 | ... |
| Khanpur | 025 12 | 040 14 | 040 16 | 040 14 | 330 12 | 320 25 | 345 25 | 310 15 | 285 18 | 295 51 |
| Khuzdar | ... | ... | ... | 305 08 | 375 17 | 365 31 | 295 34 | 275 48 | 295 39 | ... |
| Lahore | 100 12 | 105 17 | 110 18 | 090 12 | 220 06 | ... | ... | ... | ... | ... |
| Multan | 020 09 | 025 16 | 050 16 | 050 07 | 260 06 | 310 19 | 315 14 | 295 10 | 275 20 | 285 39 |
| Nawab Shah | 355 07 | 005 06 | 350 07 | 245 07 | 280 15 | 215 16 | 305 48 | /// // | 320 58 | 320 58 |
| Nokkundi | ... | ... | 185 04 | 175 04 | 340 03 | 300 16 | 280 26 | 285 26 | 280 31 | 290 43 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | 200 03 | 045 10 | 045 10 | 315 03 | /// // | 270 10 | /// // | 270 10 | ... | ... |
| Quetta | ... | ... | ... | ... | 295 06 | 305 10 | 230 14 | 335 21 | 300 34 | 290 48 |
| Sargodha | 245 04 | 170 03 | 179 08 | 210 07 | 250 08 | ... | ... | ... | ... | ... |
| Skardu | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 100 04 | 060 02 | 300 02 | 065 02 | 245 02 | 285 43 | 270 24 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Chittagong | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | |
| Karachi | 315 12 | 315 12 | 280 12 | 260 12 | 280 12 | 260 12 | 290 35 | 295 46 | 295 51 | 285 63 | 290 70 | 282 88 | — | ... | ... | ... | ... |
| Multan | 010 10 | 010 07 | 325 10 | 330 10 | 330 14 | 295 14 | 295 23 | 300 51 | 300 66 | 300 94 | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | |

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

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

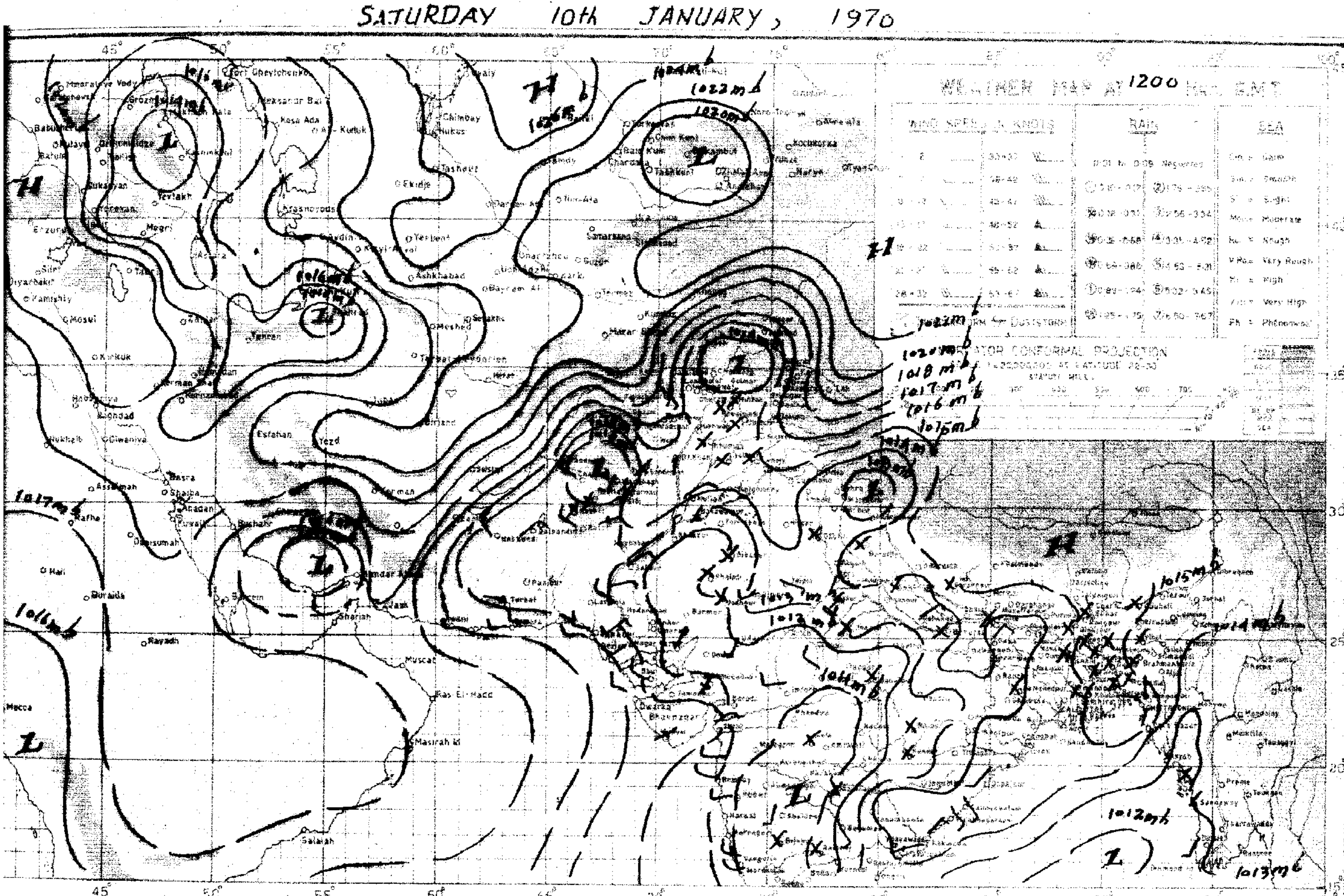
† The actual time of observations may vary within half an hour of the specified time.

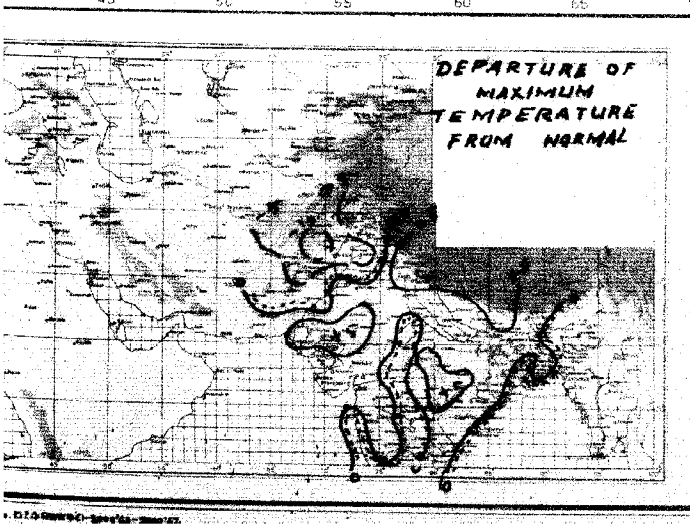
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

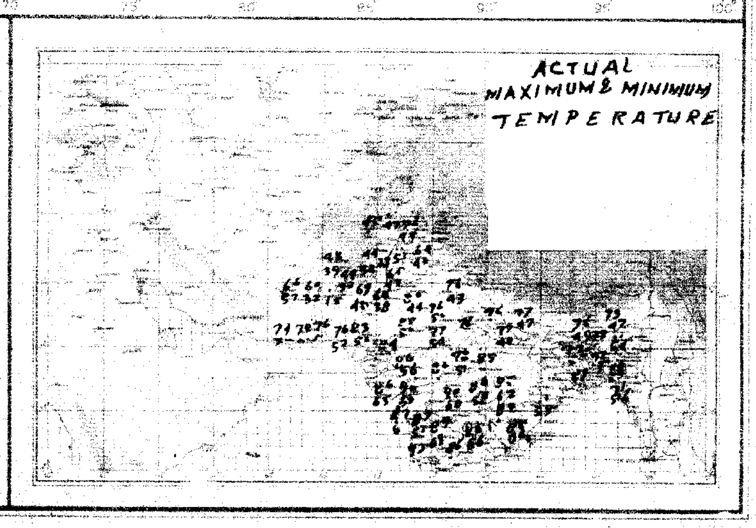
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SATURDAY 10th JANUARY, 1970

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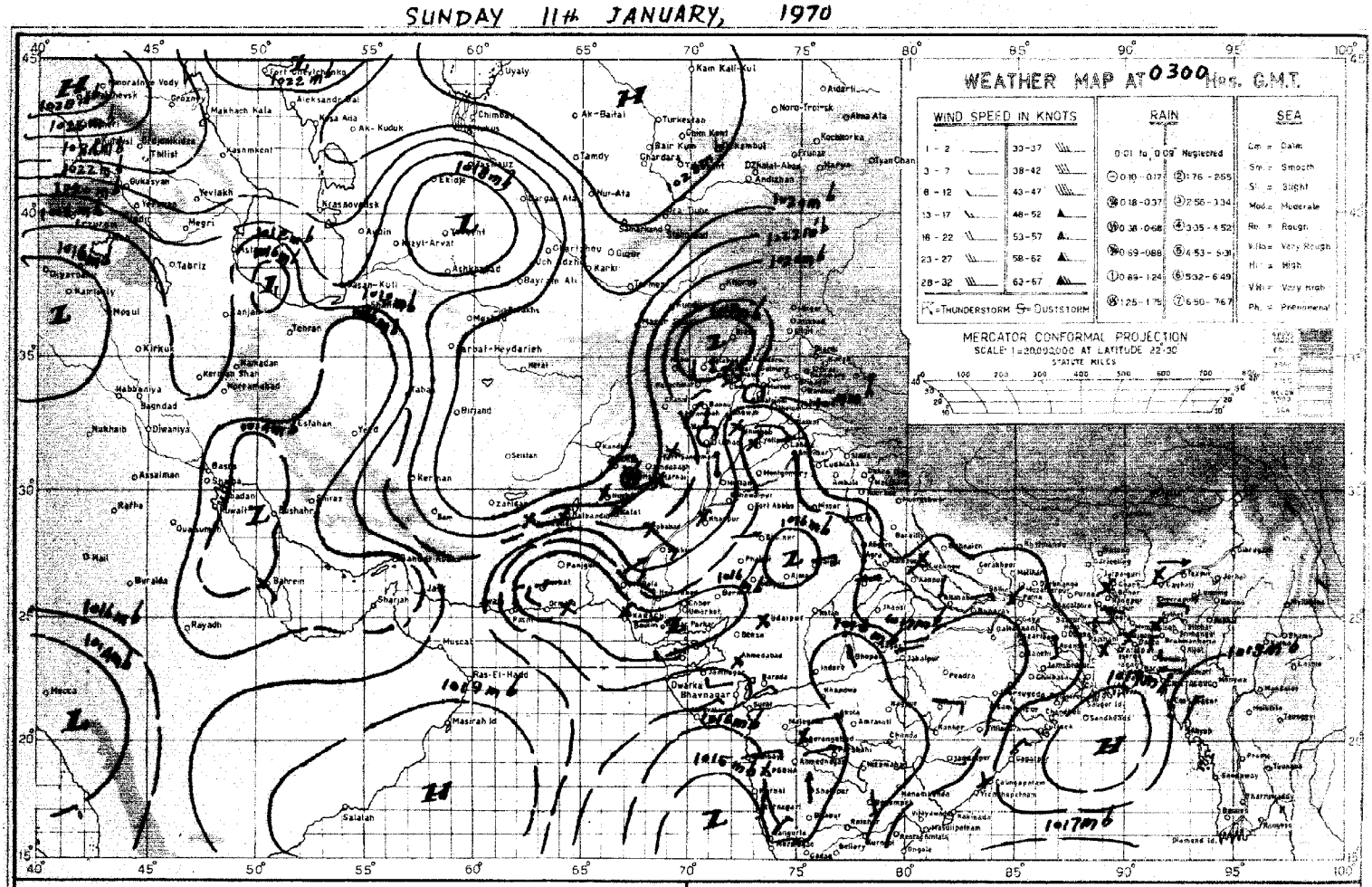
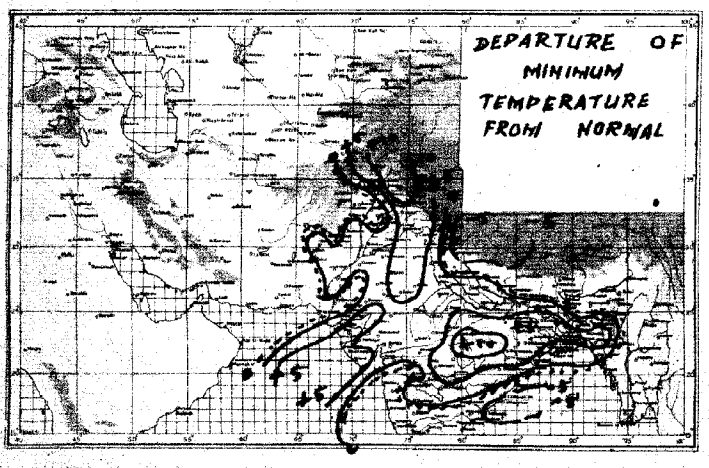
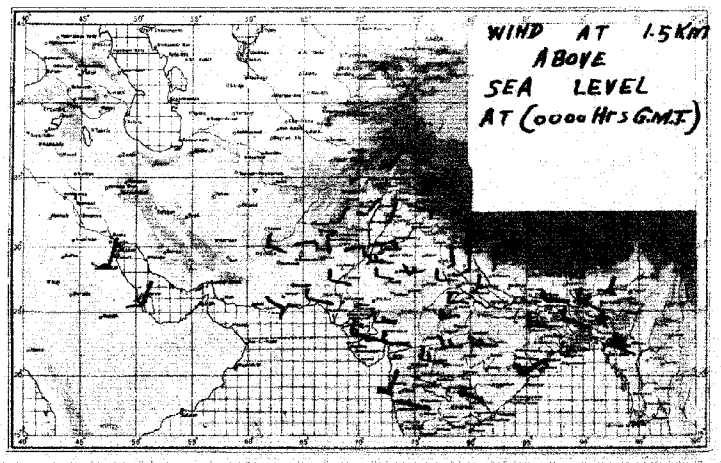
# PAKISTAN DAILY WEATHER MAP

SUNDAY 11th JANUARY, 1970




REG. No. 1024 RWXD 61-5,000/63-5,000/67.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 12th JANUARY 1970.**

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

Yesterday's western disturbance over Rajasthan has become unimportant.

The western disturbance over northeast Iran is now moving across north of Afghanistan. It has induced a secondary over Persian Gulf and south Iran.

Local rain has occurred in Peshawar division, scattered in Rawalpindi division and a few falls of drizzle in D. I. Khan division.

A trough of low pressure lies over west Bengal under its influence scattered rain/thundershowers have occurred in Dacca and Rajshahi divisions and a few falls thunderstorms or light showers in Khulna divisions. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are : Faridpur ½" and Rajshahi and Haripur ¼" each.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan outside Chittagong division and in Lahore, Karachi and Khairpur divisions and were 3 °F (2 °C) below normal in Chittagong, Peshawar and Quetta divisions.

**Forecast valid until the evening of 13th January 1970 :**—Scattered rain/thundershower are likely to occur in Rajshahi and Chittagong divisions. weather is likely to be mainly dry elsewhere in the country.

achi-11
12th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| STATIONS (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † We (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)* PPP (11) | Dry Bulb temperature* TT (12) | Amount of Lowest Clod † 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | — | 000 | 0 | 1 | 31 | 02 | // | 01 | 4 | 148 | 72 | 1 | 1 | 7 | 0 | 0 | 50 | 76 |
| Cox's Bazar | — | 000 | 0 | 7 | 36 | 09 | 97 | 02 | 2 | 141 | 77 | 2 | 2 | 5 | 4 | 3 | 46 | // |
| Chittagong | — | 000 | 0 | 2 | 27 | 02 | // | 02 | 2 | 149 | 72 | 0 | 0 | 9 | 0 | 2 | 54 | 78 |
| Maijdee Court | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Comilla | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 2 | 141 | 73 | 0 | 0 | 9 | 0 | 8 | 72 | 78 |
| Brahmanbaria | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 1 | 144 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 77 |
| Sylhet | — | 000 | 0 | 2 | 00 | 00 | // | 01 | 4 | 136 | 67 | 2 | 0 | 9 | 0 | 3 | 58 | 76 |
| Srimangal | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 8 | 146 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| Mymensingh | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 157 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Narayanganj | — | 000 | 0 | 0 | 00 | 00 | // | 02 | 1 | 139 | 73 | 2 | 6 | 6 | 5 | 0 | 54 | 80 |
| Dacca (Tejgaon) | — | 000 | 0 | 1 | 77 | 02 | 96 | 02 | 0 | 140 | 72 | 1 | 0 | 9 | 4 | 0 | 54 | 78 |
| Faridpur | — | 005 | 0 | 2 | 00 | 00 | 92 | 00 | 0 | 138 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| Barisal | — | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 144 | 68 | 0 | 0 | 9 | 0 | 0 | 67 | 77 |
| Khulna | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 0 | 67 | // |
| Satkhira | — | 000 | 0 | 0 | 00 | 00 | 95 | 03 | 9 | 143 | 73 | 8 | 7 | 6 | 1 | 0 | 50 | 80 |
| Jessore | — | 001 | 0 | 5 | 18 | 02 | 96 | 02 | 2 | 144 | 70 | 2 | 5 | 4 | 3 | 0 | 50 | 80 |
| Pabna | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sirajganj | — | 000 | 0 | 6 | 18 | 01 | // | 02 | 2 | 135 | 73 | 6 | 0 | 7 | 6 | 0 | 54 | 76 |
| Rajshahi | — | 000 | 0 | 0 | 13 | 03 | 94 | 00 | 9 | 143 | 67 | 0 | 0 | 9 | 0 | 0 | 69 | 77 |
| Bogra | — | 000 | 0 | 0 | 00 | 00 | // | 05 | 0 | 140 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| Dinajpur | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 1 | 136 | 67 | 0 | 0 | 9 | 0 | 9 | 56 | 76 |
| Rangpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 139 | 56 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | — | 000 | 0 | 5 | 05 | 04 | 96 | 02 | 1 | 171 | 58 | 1 | 5 | 9 | 3 | 0 | 47 | 60 |
| Sialkot | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | — | 001 | 9 | 8 | 00 | 00 | 96 | 02 | 6 | 188 | 54 | 4 | 5 | 6 | 7 | 0 | 45 | 58 |
| Islamabad | — | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 6 | /// | 52 | 1 | 2 | 5 | 6 | 3 | 36 | 52 |
| Rawalpindi | — | 010 | 7 | 0 | 00 | 00 | 98 | 02 | 5 | 187 | 54 | 2 | 4 | 6 | 0 | 0 | 47 | 49 |
| Campbellpur | — | | | | | | | | | | | | | | | | | |
| Khushab | — | 000 | 0 | 6 | 09 | 01 | 97 | 03 | 2 | 171 | 60 | 4 | 5 | 8 | 4 | 0 | 51 | 70 |
| Sargodha | — | 000 | 0 | 1 | 05 | 03 | 97 | 01 | 1 | 168 | 63 | 1 | 5 | 6 | 3 | 0 | 43 | 63 |
| Lyallpur | — | 000 | 0 | 6 | 34 | 06 | 95 | 02 | 0 | 169 | 60 | 4 | 0 | 9 | 4 | 0 | 47 | 70 |
| Sahiwal | — | | | | | | | | | | | | | | | | | |
| Multan | — | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 164 | 64 | 0 | 0 | 9 | 0 | 0 | 43 | 61 |
| Leiah | — | 000 | 0 | 0 | 36 | 02 | 91 | 00 | 0 | 162 | 78 | 0 | 0 | 9 | 0 | 0 | 34 | 78 |
| Khanpur | — | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 162 | 77 | 0 | 0 | 9 | 0 | 0 | 43 | // |
| Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 156 | 63 | 0 | 0 | 9 | 0 | 0 | 41 | 73 |
| Fort Abbas | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 148 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 70 |
| Chakdra | — | 000 | 0 | 7 | 23 | 02 | 97 | 02 | 0 | 135 | 56 | 7 | 3 | 7 | 0 | 0 | 40 | 56 |
| Peshawar | — | 014 | 0 | 7 | 00 | 00 | 97 | 02 | 6 | 194 | 51 | 1 | 5 | 6 | 3 | 0 | 45 | 51 |
| Haripur | — | 020 | 6 | 0 | 05 | 03 | 97 | 00 | 2 | 161 | 59 | 0 | 5 | 9 | 9 | 3 | 34 | 63 |
| Bannu | — | 000 | 0 | 3 | 00 | 00 | 98 | 02 | 2 | 148 | 59 | 3 | 2 | 7 | 0 | 0 | 43 | 63 |
| D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 172 | 63 | 0 | 0 | 9 | 0 | 0 | 45 | 64 |
| Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 166 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 68 |
| Nokkundi | — | 000 | 0 | 4 | 13 | 05 | 96 | 03 | 0 | 135 | 63 | 0 | 0 | 9 | 3 | 0 | 39 | 65 |
| Turbat | — | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 8 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 37 | 78 |
| Jiwani | — | 000 | 0 | 0 | 18 | 05 | 96 | 03 | 0 | 139 | 75 | 1 | 1 | 6 | 0 | 0 | 52 | 75 |
| Pasni | — | 000 | 0 | 0 | 05 | 08 | 97 | 02 | 0 | 150 | 76 | 0 | 0 | 0 | 0 | 0 | 63 | 79 |
| Ormara | — | 000 | 0 | 0 | 18 | 07 | 96 | 02 | 0 | 143 | 76 | 0 | 0 | 9 | 0 | 0 | 57 | 78 |
| Lasbela | — | | | | | | | | | | | | | | | | | |
| Karachi (Manora) | — | 000 | 0 | 0 | 09 | 07 | 97 | 02 | 0 | 129 | 74 | 0 | 0 | 9 | 0 | 0 | 54 | 79 |
| Karachi (Airport) | — | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 140 | 77 | 0 | 0 | 9 | 0 | 1 | 45 | 79 |
| Nagarparkar | — | | | | | | | | | | | | | | | | | |
| Chhor | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hyderabad | — | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 149 | 73 | 0 | 8 | 9 | 0 | 0 | 45 | 76 |
| Badin | — | 000 | 0 | 0 | 36 | 08 | 97 | 03 | 0 | 135 | 78 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| Padidan | — | 000 | 0 | 2 | 35 | 02 | 96 | 02 | 0 | 176 | 71 | 0 | 0 | 9 | 0 | 0 | 32 | 73 |
| Nawabshah | — | 000 | 0 | 0 | 05 | 03 | 98 | 02 | 0 | 157 | 72 | 0 | 0 | 9 | 0 | 0 | 44 | 74 |
| Sukkur | — | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 157 | 70 | 0 | 0 | 9 | 0 | 0 | 28 | 74 |
| Kashmore | — | | | | | | | | | | | | | | | | | |
| Jacobabad | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 156 | 67 | 0 | 0 | 9 | 9 | 0 | 47 | 72 |
| Varaval | — | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | | |
| Srinagar | # ... | | | | | | | | | | | | | | | | | |
| Gulmarg | ## ... | | | | | | | | | | | | | | | | | |
| Sonamarg | ## ... | | | | | | | | | | | | | | | | | |
| Dras | ## ... | | | | | | | | | | | | | | | | | |
| Leh | ## ... | | | | | | | | | | | | | | | | | |
| Skardu | # ... | | | | | | | | | | | | | | | | | |
| Misgar | ## ... | | | | | | | | | | | | | | | | | |
| Aliabad | # ... | | | | | | | | | | | | | | | | | |
| Gilgit | # ... | | | | | | | | | | | | | | | | | |
| Murree | # ... | | | | | | | | | | | | | | | | | |
| Drosh | # ... | /// | 0 | 0 | 00 | 00 | 98 | 02 | 6 | /// | 49 | 3 | 4 | 2 | 7 | 2 | 40 | 51 |
| Cherat | # ... | 000 | 0 | 0 | 00 | 00 | 92 | 03 | 2 | 492 | 38 | 7 | 5 | 5 | 0 | 0 | 11 | 45 |
| Kakul | # ... | 007 | 6 | 8 | 36 | 05 | 95 | 60 | 4 | 505 | 40 | 6 | 7 | 5 | 2 | 1 | 40 | 43 |
| Landikotal | # ... | 000 | 0 | 6 | 36 | 02 | 98 | 01 | 1 | 614 | 45 | 6 | 7 | 6 | 0 | 0 | 38 | 47 |
| Parachinar | # ... | 005 | 0 | 6 | 02 | 07 | 97 | 02 | 2 | 509 | 40 | 6 | 7 | 4 | 0 | 0 | 34 | 47 |
| Miranshah | # ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 527 | 56 | 0 | 0 | 9 | 0 | 0 | 38 | 56 |
| Wana | # ... | 005 | 0 | 6 | 00 | 00 | 96 | 56 | 5 | 475 | 47 | 8 | 5 | 6 | 0 | 0 | 41 | 50 |
| Fort Sandeman | # ... | 000 | 0 | 4 | 31 | 05 | 97 | 01 | 1 | 491 | 48 | 3 | 4 | 7 | 3 | 0 | 26 | 30 |
| Hindubagh | # ... | 000 | 0 | 2 | 02 | 05 | 97 | 02 | 0 | /// | 44 | 0 | 0 | 9 | 0 | 0 | 30 | 45 |
| Loralai | # ... | | | | | | | | | | | | | | | | | |
| Barkhan | # ... | | | | | | | | | | | | | | | | | |
| …ernal | # ... | 000 | 0 | 0 | 00 | 00 | 90 | 02 | 0 | 494 | 53 | 0 | 0 | 9 | 0 | 0 | 35 | 61 |
| Samungli (Quetta) | # ... | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 490 | 45 | 1 | 6 | 9 | 0 | 0 | 27 | 45 |
| Chaman | # ... | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 489 | 45 | 8 | 0 | 9 | 0 | 0 | 38 | 48 |
| Nushki | # ... | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 550 | 54 | 0 | 0 | 9 | 0 | 0 | 34 | 58 |
| Dalbandin | # ... | 000 | 0 | 3 | 09 | 02 | 98 | 03 | 0 | 502 | 58 | 3 | 3 | 9 | 3 | 0 | 27 | // |
| Kalat | # ... | 000 | 0 | 3 | 01 | 03 | 96 | 00 | 2 | 467 | 41 | 0 | 0 | 9 | 0 | 0 | 29 | 48 |
| …ander | # ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 492 | 58 | 0 | 0 | 9 | 0 | 0 | 23 | 60 |
| …igur | # ... | | | | | | | | | | | | | | | | | |

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

| STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † We (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths)* PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 0 | 18 | 0' | '8 | 00 | 4 | 195 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 59 |
| Cox's Bazar | 000 | 0 | 0 | 04 | 06 | 96 | 92 | 0 | 179 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 56 |
| Chittagong | 000 | 0 | 0 | 00 | 08 | 97 | 02 | 0 | 180 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| Maijdee Court | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 180 | 64 | 0 | 0 | 9 | 2 | : | 54 | 56 |
| Comilla | 000 | 0 | 3 | 36 | 05 | 96 | 02 | 0 | 167 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 50 |
| Brahmanbaria | 000 | 0 | 3 | 13 | 02 | 97 | 02 | 1 | 179 | 69 | 3 | 5 | 5 | 0 | 0 | 62 | 56 |
| Sylhet | 000 | 0 | 6 | 05 | 05 | 96 | 02 | 0 | 193 | 59 | 3 | 4 | 5 | 3 | 0 | 54 | 52 |
| Srimangal | 000 | 0 | 0 | 00 | 07 | 96 | 00 | 0 | 189 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | 45 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 1 | 182 | 64 | 4 | 4 | 6 | 2 | 0 | 56 | 52 |
| Narayanganj | 007 | 0 | 0 | 09 | 02 | 97 | 02 | 0 | 181 | 66 | 8 | 6 | 3 | 0 | 0 | 60 | 53 |
| Dacca (Tejgaon) | 005 | 0 | 6 | 00 | 00 | 95 | 05 | 9 | 167 | 64 | 5 | 8 | 4 | 3 | 0 | 60 | 54 |
| Faridpur | 045 | 0 | 7 | 00 | 00 | 94 | 01 | 2 | 172 | 64 | 3 | 4 | 6 | 1 | 0 | 58 | 59 |
| Barisal | 000 | 0 | 8 | 00 | 07 | 96 | 03 | 2 | 176 | 66 | 3 | 4 | 4 | 0 | 0 | 62 | 56 |
| Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 165 | 69 | 0 | 0 | 9 | 0 | 0 | 46 | 58 |
| Satkhira | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | 182 | 66 | 0 | 0 | 6 | 0 | 0 | 61 | 60 |
| Jessore | 001 | 0 | 6 | 11 | 07 | 96 | 05 | 9 | 172 | 64 | 5 | 0 | 9 | 3 | 7 | 60 | 58 |
| Pabna | 004 | 0 | 0 | 13 | 02 | 97 | 03 | 2 | 165 | 66 | 6 | 0 | 9 | 6 | 0 | 62 | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 178 | 64 | 9 | 0 | 7 | 1 | 0 | 58 | 58 |
| Rajshahi | 023 | 4 | 5 | 05 | 03 | 96 | 03 | 1 | 174 | 62 | 0 | 0 | 9 | 7 | 0 | 59 | 58 |
| Bogra | 000 | 0 | 6 | 09 | 03 | 96 | 03 | 2 | 175 | 62 | 2 | 5 | 5 | 7 | 0 | 58 | 58 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 195 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 49 |
| Rangpur | 000 | 0 | 0 | 30 | 00 | 96 | 00 | 0 | 197 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 3 | 36 | 02 | 96 | 03 | 0 | 216 | 46 | 0 | 0 | 9 | 0 | 2 | 43 | 45 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 92 | 00 | 0 | 190 | 50 | 0 | 0 | 9 | 0 | 0 | // | // |
| Jhelum | 001 | 0 | 2 | 31 | 02 | 96 | 03 | 0 | 222 | 43 | 0 | 0 | 9 | 0 | 1 | 40 | 41 |
| Islamabad | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | /// | 40 | 2 | 4 | 7 | 0 | 0 | 36 | 36 |
| Rawalpindi | 010 | 0 | 0 | 00 | 00 | 95 | 43 | 4 | 212 | 38 | 0 | 0 | 9 | 0 | 0 | 38 | 38 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 3 | 00 | 03 | 97 | 01 | 2 | 229 | 40 | 0 | 0 | 9 | 0 | 3 | 34 | 40 |
| Sargodha | 000 | 0 | 5 | 23 | 03 | 94 | 10 | 0 | 227 | 40 | 0 | 0 | 9 | 2 | 0 | 40 | 38 |
| Lyallpur | 0.0 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 211 | 45 | 4 | 0 | 9 | 4 | 0 | 38 | 41 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 223 | 45 | 0 | 0 | 9 | 0 | 1 | 43 | 41 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 223 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 43 |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 154 | 52 | 0 | 0 | 9 | 0 | 0 | 32 | ... |
| Chakdra | 012 | 0 | 0 | 00 | 07 | 98 | 20 | 0 | 221 | 36 | 0 | 0 | 9 | 0 | 0 | 36 | 36 |
| Peshawar | 014 | 0 | 2 | 18 | 02 | 96 | 04 | 0 | 236 | 40 | 0 | 0 | 9 | 0 | 1 | 40 | 38 |
| Haripur | 021 | 0 | 0 | 05 | 03 | 97 | 00 | 4 | 235 | 40 | 0 | 0 | 9 | 0 | 0 | 36 | 38 |
| Bannu | 010 | 0 | 4 | 00 | 00 | 98 | 03 | 0 | 236 | 43 | 0 | 0 | 9 | 6 | 0 | 38 | 41 |
| D. I. Khan | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 234 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 41 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 234 | 44 | 0 | 0 | 9 | 0 | 0 | // | 43 |
| Nokkundi | 000 | 0 | 0 | 30 | 05 | 96 | 03 | 0 | 156 | 50 | 3 | 0 | 9 | 3 | 0 | 31 | 38 |
| Turbat | 003 | 0 | 0 | 09 | 01 | 96 | 00 | 0 | /// | 58 | 0 | 0 | 9 | 0 | 0 | 41 | // |
| Jiwani | 003 | 0 | 0 | 09 | 05 | 96 | 03 | 2 | 155 | 61 | 4 | 6 | 5 | 3 | 0 | 59 | 59 |
| Pasni | 000 | 0 | 1 | 13 | 02 | 97 | 02 | 0 | 158 | 66 | 0 | 3 | 9 | 3 | 0 | 58 | // |
| Ormara | 000 | 0 | 4 | 09 | 10 | 96 | 0' | 1 | 174 | 61 | 4 | 8 | 6 | 0 | 0 | 59 | // |
| Lasbela | 000 | 0 | 4 | 00 | 00 | 98 | 00 | 0 | 188 | 54 | 0 | 0 | 8 | 0 | 0 | 47 | 41 |
| Karachi (Manora) | 000 | 0 | 0 | 05 | 05 | 96 | 01 | 0 | 187 | 61 | 0 | 0 | 9 | 0 | 0 | 46 | 60 |
| Karachi (Airport) | 000 | 0 | 0 | 09 | 07 | 96 | 03 | 0 | 190 | 60 | 0 | 0 | 9 | 0 | 1 | 38 | 55 |
| Nagarparkar | | | | | | | | | | | | | | | | | |
| Chhor | 083 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 194 | 57 | 0 | 0 | 9 | 0 | 0 | 36 | 45 |
| Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 205 | 53 | 0 | 0 | 9 | 0 | 1 | 40 | 52 |
| Badin | 000 | 0 | 0 | 36 | 04 | 96 | 02 | 0 | 166 | 50 | 0 | 0 | 9 | 0 | 0 | 36 | 48 |
| Padidan | 000 | 0 | 4 | 31 | 03 | 96 | 03 | 0 | 214 | 47 | 0 | 0 | 9 | 3 | 6 | 38 | 43 |
| Nawabshah | 002 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 210 | 46 | 0 | 0 | 9 | 0 | 2 | 39 | 45 |
| Sukkur | 000 | 0 | 3 | 13 | 05 | 95 | 05 | 4 | 216 | 52 | 0 | 0 | 9 | 0 | 8 | 43 | 50 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 09 | 03 | 96 | 03 | 0 | 218 | 49 | 0 | 0 | 9 | 0 | 1 | 42 | 46 |
| Varaval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 1 | 558 | 36 | 0 | 0 | 9 | 0 | 0 | 25 | 36 |
| Cherat | 00' | 0 | 0 | 02 | 15 | 98 | 00 | 0 | 518 | 38 | 0 | 0 | 9 | 0 | 0 | 26 | 38 |
| Kakul | 008 | 0 | 1 | 36 | 02 | 98 | 03 | 0 | 452 | 38 | 1 | 0 | 9 | 4 | 0 | 36 | 34 |
| Landikotal | 000 | 0 | 4 | 05 | 05 | 98 | 01 | 6 | 604 | 36 | 4 | 3 | 9 | 0 | 0 | 22 | 24 |
| Parachinar | 011 | 0 | 5 | 00 | 00 | 98 | 03 | 0 | 549 | 30 | 1 | 0 | 9 | 4 | 0 | 26 | 28 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 545 | 43 | 0 | 0 | 9 | 0 | 0 | 20 | 38 |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | 000 | 0 | 1 | 13 | 02 | 97 | 02 | 0 | 524 | 29 | 0 | 0 | 9 | 1 | 0 | 18 | 27 |
| Hindubagh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 28 | 2 | 3 | 9 | 0 | 0 | // | 19 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| …ernal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 487 | 39 | 0 | 0 | 9 | 0 | 0 | 34 | 38 |
| Samungli (Quetta) | 080 | 0 | 4 | 13 | 10 | 96 | 03 | 0 | 520 | 38 | 4 | 0 | 9 | 1 | 3 | 28 | 33 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 508 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 48 |
| Nushki | 003 | 0 | 0 | 00 | 10 | 97 | 02 | 0 | 538 | 50 | 0 | 0 | 9 | 0 | 0 | 33 | 44 |
| Dalbandin | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 473 | 35 | 2 | 0 | 9 | 2 | 2 | // | 33 |
| Kalat | 000 | 0 | 0 | 27 | 02 | 58 | 02 | 2 | 534 | 29 | 0 | 0 | 9 | 0 | 0 | 24 | 25 |
| …ander | 000 | 0 | 3 | 31 | 02 | 96 | 03 | 0 | 514 | 38 | 2 | 5 | 6 | 0 | 1 | 34 | 37 |
| …igur | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| STATIONS | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 0.6 | — | 0.0 | ... |
| Cox's Bazar | — | — | — | — | — | 140 |
| Chittagong | — 1 | — 2 | 1.2 | — 3.0 | 0.0 | 108 |
| Maijdee Court | — | — 1 | 0.3 | — 1.5 | 0.0 | 11. |
| Comilla | — 1 | — 3 | 0.4 | — 1.2 | 0.0 | 194 |
| Brahmanbaria | — | — | 1.3 | — 0.1 | 0.0 | 78 |
| Sylhet | — | — | 1.4 | — | 0.0 | — |
| Srimangal | — 3 | — 2 | 1.5 | — 0.2 | 0.0 | 98 |
| Mymensingh | 0 | — 2 | 0.0 | — 0.9 | 0.0 | 91 |
| Narayanganj | + 2 | — 2 | 1.4 | + 0.2 | 0.1 | 74 |
| Dacca (Tejgaon) | — | — | 1.3 | — | 0.1 | — |
| Faridpur | 0 | + 6 | 2.1 | + 0.9 | 0.5 | 71 |
| Barisal | 0 | + 2 | 0.9 | — 0.9 | 0.0 | 81 |
| Khulna | + 12 | + 4 | 0.3 | — 1.0 | 0.0 | 68 |
| Satkhira | 0 | + 8 | 0.1 | — 1.x | 0.0 | 65 |
| Jessore | — | — | 1.1 | — 0.1 | 0.0 | 68 |
| Pabna | — | — | 1.1 | — | 0.0 | 59 |
| Sirajganj | 0 | + 6 | 0.3 | — 0.5 | 0.0 | 64 |
| Rajshahi | 0 | + 7 | 3.2 | + 2.5 | 0.2 | — |
| Bogra | 0 | — 6 | 1.3 | + 0.3 | 0.0 | 69 |
| Dinajpur | 0 | — 1 | 0.0 | + 0.5 | 0.0 | 73 |
| Rangpur | + 2 | + 5 | 0.7 | + 0.2 | 0.0 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | — 9 | + 5 | 0.0 | — 0.8 | 0.0 | 19 |
| Sialkot | | — | — | — | — | 32 |
| Jhelum | — | — | 0.1 | — | 0.0 | — |
| Islamabad | — | — | — | — | — | — |
| Rawalpindi | + 16 | 0 | 0.3 | — 1.7 | 0.2 | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 1 | — 1 | 0.0 | — 0.7 | 0.0 | 18 |
| Sargodha | — | — | 0.1 | — | 0.0 | — |
| Lyallpur | — | + 1 | 0.0 | — 0.4 | 0.0 | 12 |
| Sahiwal | | | | | | 19 |
| Multan | — 2 | | | | | 7 |
| Leiah | — | | | | | 9 |
| Khanpur | — 1 | + 1 | 0.3 | 0.0 | 0.0 | 4 |
| Bahawalpur | + 3 | + 2 | 0.0 | — | — | 4 |
| Fort Abbas | — | — | 0.0 | — | — | 4 |
| Chakdra | — | — | 0.1 | — | 0.1 | — |
| Peshawar | — 12 | — 3 | 0.7 | — 0.5 | 0.2 | 11 |
| Haripur | — | — | — | — | — | — |
| Bannu | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | — 5 | 0 | 0.1 | — 0.3 | 0.1 | 8 |
| Sibi | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | — | — | 0.0 | — | 0.0 | 8 |
| Turbat | — | — | 0.0 | — | 0.0 | — |
| Jiwani | — | — | 2.7 | — | 1.8 | 8 |
| Pasni | + 4 | — | 0.0 | — 1.4 | 0.0 | 6 |
| Ormara | — | — | 0.0 | — 1.0 | 0.0 | 6 |
| Lasbela | — | — | — | — | — | 8 |
| Karachi (Manora) | + 4 | + 3 | 0.0 | — 0.4 | 0.0 | 8 |
| Karachi (Airport) | — | — | 0.1 | — | 0.1 | — |
| Nagarparkar | | | | | | — |
| Chhor | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 0 | + : | 0.0 | — 0.1 | 0.0 | 9 |
| Badin | + 2 | + 1 | 0.0 | — 0.3 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0 | — | 0.0 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | — 1 | + 3 | 0.1 | — 0.1 | 0.1 | 20 |
| Varaval | | | | | | 26 |
| HILL STATIONS | | | | | | |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 26 |
| Dras | | | | | | 3 |
| Leh | | | | | | 6 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 39 |
| Murree | + 3 | + 4 | — | — | — | 18 |
| Drosh | — 4 | — 1 | 0.6 | — 2.0 | 0.0 | 39 |
| Cherat | — | — | 1.3 | — | 0.2 | — |
| Kakul | — | — | 0.9 | — | 0.1 | |
| Landikotal | — 4 | — 1 | 0.9 | — | 0.1 | 39 |
| Parachinar | — | — | 9.0 | — 0.9 | 0.0 | 18 |
| Miranshah | — | — | | — | | 11 |
| Wana | — | | | | | 11 |
| Fort Sandeman | — 7 | — 2 | 0.0 | — 0.8 | 0.0 | — |
| Hindubagh | — | — | 0.7 | — | 0.1 | 9 |
| Loralai | | | | | | — |
| Barkhan | | | | | | 14 |
| …ernal | — | — | 0.0 | — 1.1 | 0.0 | 9 |
| Samungli (Quetta) | — | — 1 | 1.2 | — 1.0 | 0.5 | 8 |
| Chaman | — 4 | — | 0.0 | — 2.2 | 0.0 | — |
| Nushki | — | — | 1.0 | — | 0.2 | 4 |
| Dalbandin | — | — 1 | 0.2 | — 0.9 | 0.2 | 7 |
| Kalat | — 1 | — 1 | 0.7 | — 0.9 | 0.7 | — |
| …ander | — | — | 0.6 | — | 0.3 | 5 |
| …igur | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**MONDAY THE 12th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_lhC_mC_H$ | $D_vV_sa$ PP | 7RR $t_8t_8$ | 8$N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | 1$T_wT_wT_{wx}T$ | 3$P_wP_wH_wH_w$ | d. $d_wP_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Texacos si ... ... | 99 2 09 | 10 6 80 | 11 0 63 | 33 4 05 | 99 0 20 | 17 2 24 | 11 4 40 | 73 4 00 | | | 05 4 66 | ... | 30 5 01 | |
| Rawanstyo ... ... | 99 2 47 | 90 6 95 | 11 0 60 | 20 0 00 | 98 0 10 | 95 5 23 | 11 5 04 | 34 3 03 | | | ... | 12 6 08 | 30 0 00 | |
| Domra | 99 2 43 | 10 6 70 | 11 1 83 | 00 4 05 | 98 0 20 | 16 7 24 | 00 9 00 | ... | | 83 2 03 | ... | ... | 20 1 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb (hhh TTT, DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 014 144 27 | ... | 500 110 57 | 123 004 36 | 576 191 // | 742 255 // | 945 397 // | 211 563 // | 390 141 // | 630 793 // | ... | ... | ... |
| Dacca ... | 00 00 | 979 048 10 | ... | 450 048 08 | 049 047 20 | 565 155 // | 730 251 // | 933 397 // | 200 583 // | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 154 62 | ... | 450 012 50 | 031 075 // | 556 235 // | 715 357 // | 909 483 // | 170 575 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 005 056 25 | ... | 500 064 25 | 082 000 61 | 576 095 // | 745 191 // | 952 335 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 979 048 10 | ... | 450 048 08 | 049 047 20 | 565 155 // | 730 251 // | 933 397 // | 200 583 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 021 000 57 | ... | | 048 083 // | 560 207 // | 723 293 // | 924 407 // | | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 997 080 58 | ... | 480 050 57 | 067 041 57 | 558 291 // | 720 315 // | 919 421 // | 188 511 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_s$ DD | | | | | | | | | Max. Wind Speed ($P_mP_mP_m$ $d_md_md_m$ $f_mf_mf_mf_m$) | TROPOPAUSE ($P_tT_tP_tT_tT_{st}$) | dt dt ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 140 58 | 800 078 50 | 600 051 // | 350 319 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 150 57 | 800 076 28 | 600 098 58 | 350 331 58 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | | | | | | | | | | | | |
| Quetta ... | 00 00 | 930 017 // | 600 143 // | 530 337 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | As 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 105 03 | 155 03 | 315 04 | 310 13 | 310 18 | 285 13 | ... | ... | ... | 210 06 | 210 07 | 335 07 | 295 09 | 280 21 | 265 15 | 215 04 | 240 09 | 260 12 | 260 12 | 265 17 | ... | ... | ... | ... | ... | ... |
| Bogra ... | 145 06 | 175 07 | 280 07 | 260 10 | 280 16 | 280 28 | ... | ... | ... | 180 05 | 190 04 | 225 04 | 257 13 | 275 14 | 280 20 | 200 04 | 245 04 | 275 05 | 270 16 | 290 20 | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 005 05 | 120 07 | 310 05 | 165 04 | ... | ... | ... | ... | ... | 290 03 | 295 03 | 265 07 | 280 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhar ... | 015 08 | 015 10 | 038 01 | 260 10 | 309 17 | 280 11 | 295 13 | 295 45 | 290 47 | 050 19 | 050 11 | 040 09 | 265 15 | 280 09 | 330 14 | 075 19 | 075 19 | 065 12 | 330 03 | 193 05 | 335 12 | 260 23 | 260 21 | 270 35 | 270 50 | 275 |
| Chittagong ... | 020 06 | 020 08 | 010 09 | 350 11 | 340 01 | 315 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 335 01 | 270 02 | 260 02 | 270 12 | 265 17 | 275 24 | 260 12 | 255 65 | 260 43 | 260 42 | 275 |
| Cheraf ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 250 10 | 265 02 | 370 10 | ... | ... | ... | ... | ... | ... | 015 08 | 360 09 | 245 09 | 330 12 | 320 13 | ... | 170 09 | 210 10 | 280 13 | 245 38 | 260 20 | ... | ... | ... | ... | ... | ... |
| Dacca ... | 195 04 | 175 04 | 180 02 | 285 01 | 280 15 | ... | ... | ... | ... | 155 08 | 115 08 | 115 09 | ... | ... | ... | ... | ... | 155 05 | 185 14 | 180 25 | 220 07 | 220 27 | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | 070 12 | 050 07 | 075 04 | 275 16 | 215 08 | 275 08 | 280 21 | ... | ... | 065 09 | 145 11 | 200 18 | 235 14 | 295 06 | 315 08 | 310 05 | 360 04 | 335 03 | 265 03 | 240 08 | 245 15 | ... | ... | ... |
| D. I. Khan ... | 270 01 | 020 01 | 360 03 | 201 03 | 345 13 | 300 20 | 295 10 | 325 01 | 315 12 | 305 04 | 005 03 | 025 05 | 275 02 | 251 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 215 05 | 315 06 | 280 03 | ... | ... | ... | ... | ... | ... | 055 02 | 075 02 | 215 01 | ... | ... | 035 05 | 110 01 | 195 16 | 215 04 | 230 23 | 220 17 | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 305 05 | 075 01 | 240 15 | 275 16 | 270 12 | ... | ... | ... | ... | 250 12 | 265 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 220 10 | 230 08 | 220 13 | 215 15 | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 220 05 | 225 04 | 250 10 | 290 14 | 290 21 | ... | ... | ... | ... | 230 11 | 245 10 | 260 06 | ... | ... | ... | 085 19 | 100 15 | 060 07 | 335 04 | 155 02 | 230 17 | 315 34 | 290 39 | 295 51 | 295 60 | ... |
| Jacobabad ... | 040 01 | 310 05 | 200 12 | 360 11 | 280 05 | 315 26 | 295 27 | 295 28 | 295 14 | 090 15 | 010 25 | 110 23 | 165 03 | 240 03 | 335 10 | 225 01 | 235 12 | 245 19 | 345 02 | 215 17 | 260 29 | ... | ... | ... | ... | ... |
| Jessore ... | 145 08 | 150 13 | 180 17 | 240 14 | 270 17 | 278 19 | ... | ... | ... | 210 15 | 215 17 | 235 16 | 269 17 | 280 19 | 260 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 140 07 | 195 06 | 155 06 | 270 01 | 250 07 | 260 04 | ... | ... | ... | 315 17 | 340 15 | 340 12 | 005 06 | ... | ... | 315 07 | 310 10 | 355 08 | 360 03 | 010 03 | 360 10 | 335 15 | 325 15 | 325 29 | ... | ... |
| Jiwani ... | 250 01 | 280 15 | 260 01 | 280 08 | 245 13 | 215 10 | 260 23 | 255 18 | 280 22 | 120 13 | 140 11 | 145 11 | ... | ... | ... | 260 02 | 265 12 | 270 25 | 275 20 | 120 12 | 280 20 | ... | ... | ... | ... | ... |
| Karachi ... | 090 03 | 065 03 | 045 04 | 310 05 | 280 11 | 275 15 | 280 26 | 275 29 | 275 32 | ... | ... | ... | ... | ... | ... | 065 14 | 065 17 | 080 17 | 110 15 | 130 08 | 230 15 | 225 30 | 245 22 | 230 35 | ... | ... |
| Khanpur ... | 090 58 | 030 10 | 030 10 | 040 11 | 330 13 | 300 18 | 315 17 | 310 30 | 310 33 | 085 12 | 033 13 | 020 13 | 015 17 | 245 15 | 290 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | 305 07 | 280 14 | 260 17 | ... | ... | ... | ... | ... | ... | 136 03 | 165 08 | 231 51 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 040 10 | 060 15 | 095 07 | 095 07 | 235 08 | 230 09 | ... | ... | ... | 348 06 | 320 10 | 330 10 | 330 07 | 310 07 | 335 11 | 335 01 | 335 08 | 320 07 | 280 04 | 265 07 | 230 04 | 335 08 | 345 18 | 330 32 | 215 22 | 290 |
| Multan ... | 005 13 | 005 18 | 355 09 | 350 10 | 350 12 | 255 02 | 320 19 | 300 14 | ... | 040 08 | 015 10 | 020 10 | 030 08 | 015 10 | 340 04 | 045 05 | 040 12 | 030 14 | 025 17 | 045 17 | 015 13 | 095 07 | 225 07 | 240 15 | 245 13 | 245 |
| Nawab Shah ... | 034 05 | 040 06 | 025 05 | 290 06 | 305 14 | 295 01 | 280 37 | ... | ... | 065 03 | 060 14 | 045 13 | 335 18 | 015 12 | 210 13 | 050 04 | 055 10 | 055 10 | 060 10 | 215 06 | 235 19 | 245 22 | 265 37 | 260 12 | ... | ... |
| Nokkundi ... | ... | ... | 110 03 | 131 04 | 225 09 | 275 09 | 275 14 | ... | ... | ... | ... | 065 09 | 145 11 | 200 18 | 235 11 | ... | ... | 110 15 | 220 27 | 205 12 | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 340 06 | 340 06 | 330 07 | 340 08 | 030 12 | ... | 130 04 | 295 04 | 325 16 | 330 14 | 070 06 | 120 06 | ... | ... | ... | ... |
| Peshawar ... | ... | 075 03 | 010 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 260 02 | 120 03 | ... | ... | ... | ... | ... | 335 13 | 255 17 | 285 19 | 300 30 | 310 30 | ... | ... |
| Parachinar ... | ... | ... | ... | ... | 125 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 275 07 | 330 03 | 005 07 | 300 04 | 290 12 | 285 16 | ... | ... |
| Quetta ... | ... | ... | ... | ... | 335 04 | 315 14 | 310 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 035 04 | 015 04 | 110 04 | 165 01 | 250 01 | 290 01 | 280 12 | ... | ... | 360 03 | 360 07 | 010 07 | 015 04 | 350 09 | 325 18 | 280 05 | 315 05 | 295 07 | 090 02 | 160 05 | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | 210 12 | 240 12 | ... | ... | ... | ... | ... | ... | 265 01 | 310 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 100 02 | 005 02 | 360 01 | 315 10 | 295 10 | ... | ... | ... | ... | 109 14 | 101 58 | 200 21 | 235 09 | 280 32 | 260 13 | 110 09 | 135 05 | 195 05 | 205 11 | 270 17 | 275 41 | 275 16 | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 050 13 | 050 15 | 050 15 | 070 10 | 070 15 | 130 15 | 245 15 | 255 24 | 255 24 | 265 42 | 265 53 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

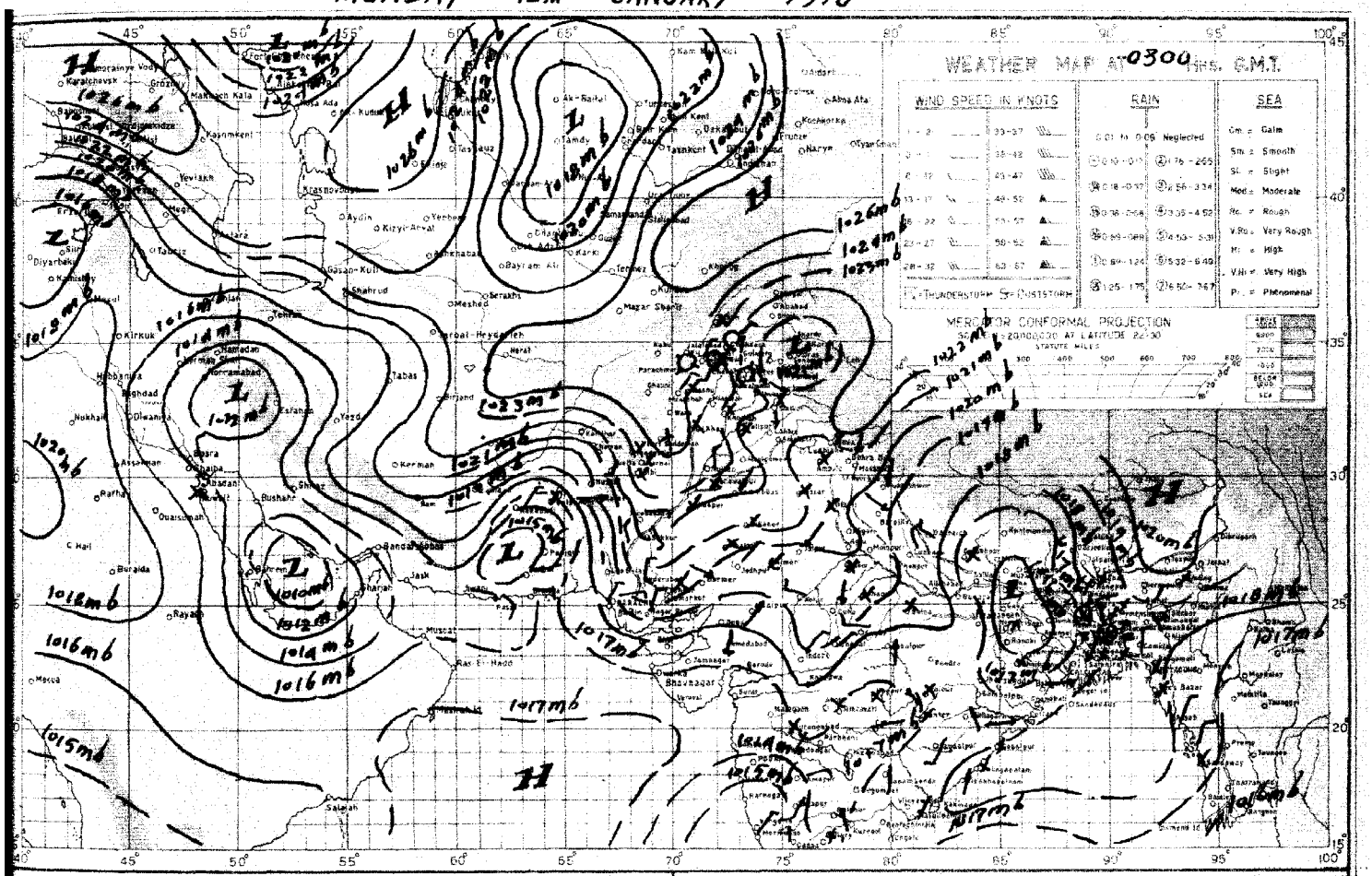
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
$T_o$—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

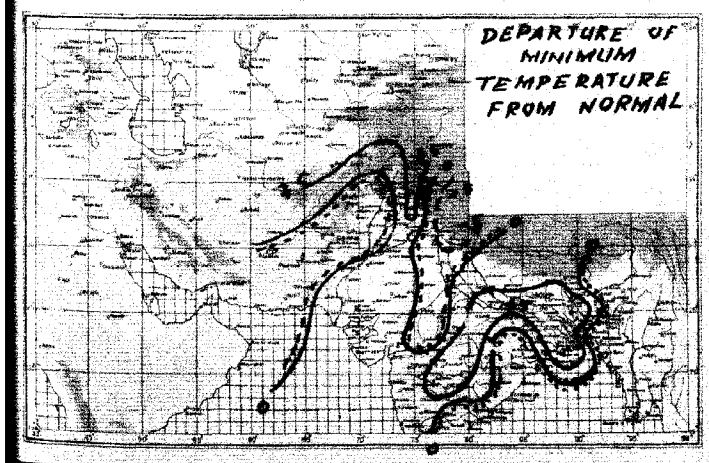
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

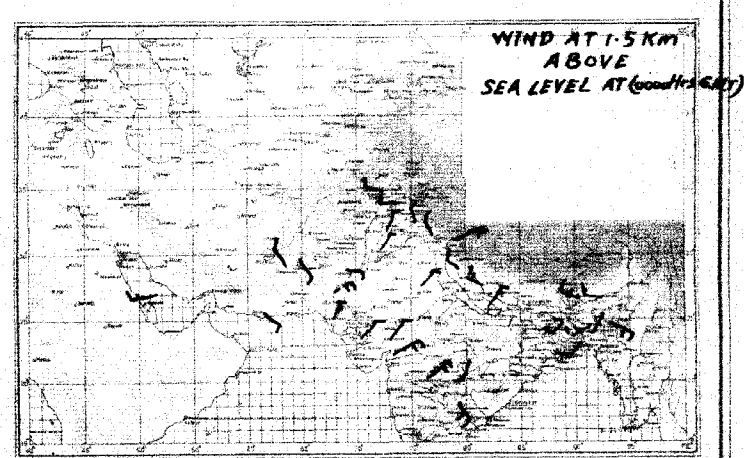
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port), KARACHI—11

# PAKISTAN DAILY WEATHER MAP

MONDAY 12th JANUARY 1970

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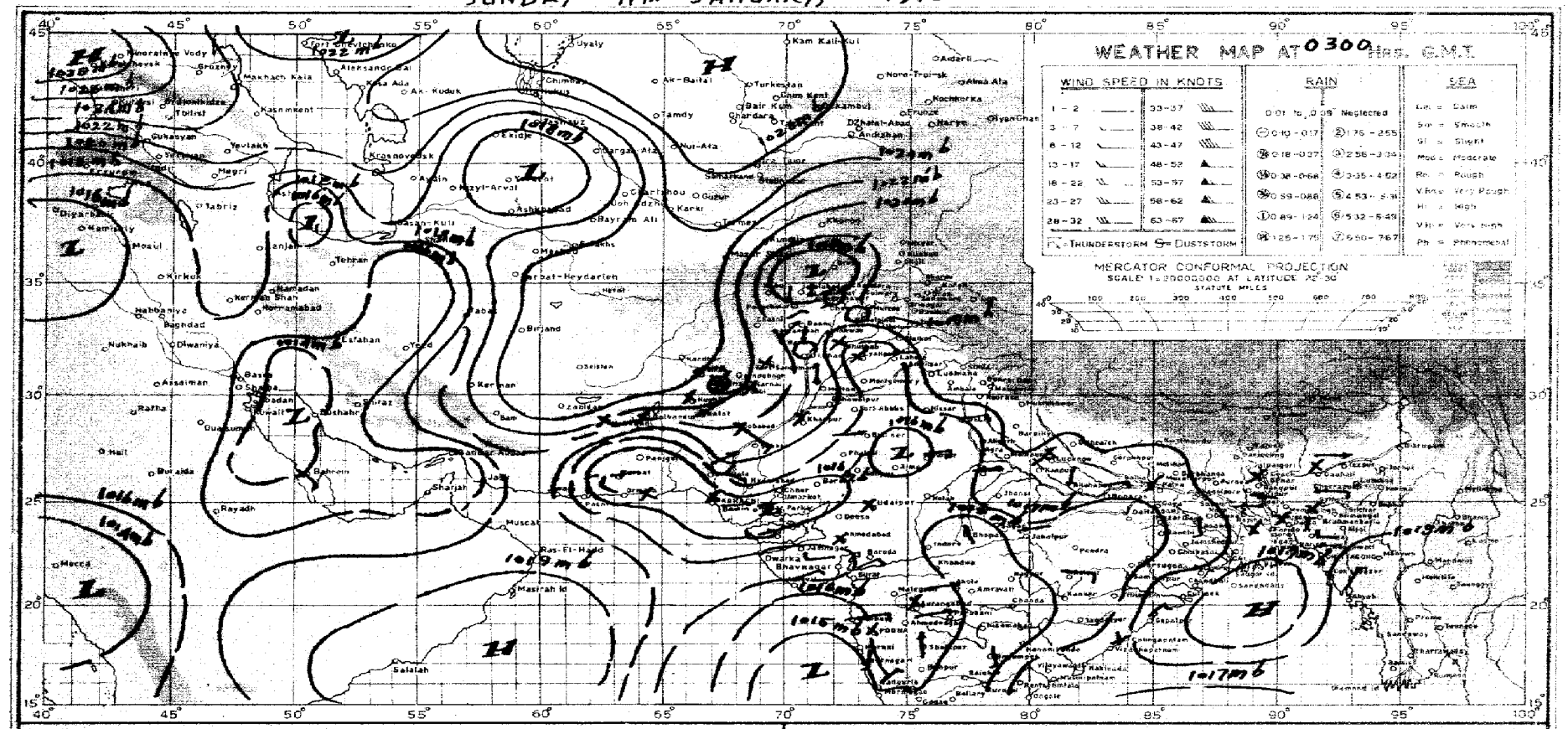
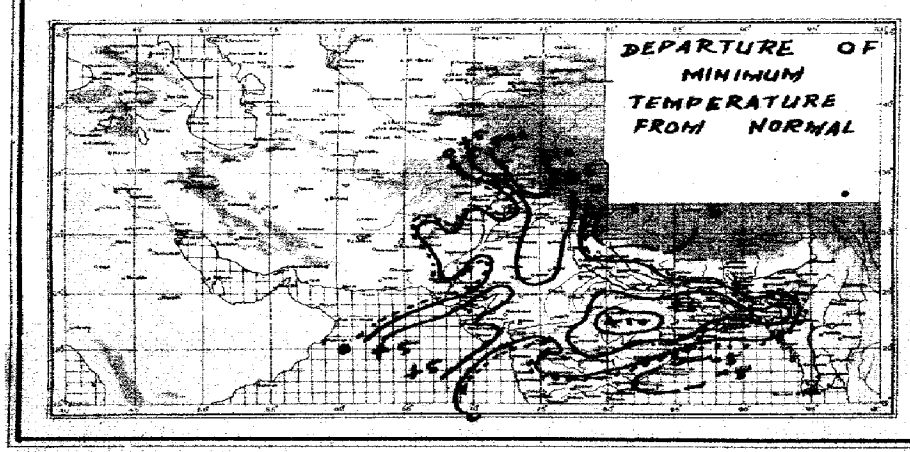
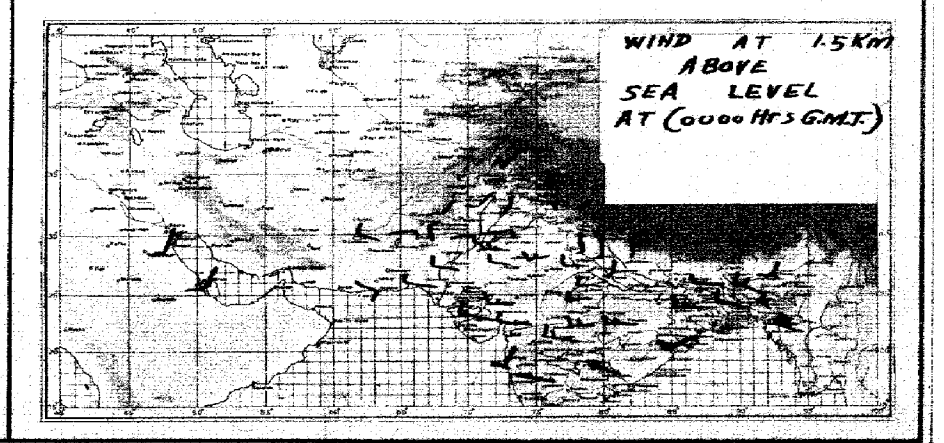
# PAKISTAN DAILY WEATHER MAP

SUNDAY 11th JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**TUESDAY THE 13th JANUARY 1970.**

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

Yesterday's western disturbance north of Afghanistan is now moving across north of west Pakistan. Its complex secondary lies over southwest Afghanistan, Kalat division and north Arabian Sea.

Under its influence local rain/thundershowers with a few heavy to very heavy falls have occurred in Kalat division and scattered in Quetta and Karachi divisions. Weather remained dry elsewhere over west Pakistan.

Yesterday's trough of low pressure over west Bengal is moving away across Asam. It has caused scattered rain/thundershowers in Chittagong and Khulna divisions and a few falls of light rain in Dacca division.

Dry weather prevailed in Rajshahi division.

Chief amounts of rainfall are : Jiwani 4", Pasni 2½", Sylhet ¾", Ormara ½" and Turbat ¼" (upto 0000 G.M.T.).

Night temperatures were 9—14 °F (5—8 °C) above normal in Quetta division and 3—8 °F (2—4 °C) so in East Pakistan outside Khulna division and in Kalat, Karachi and Khairpur divisions and were 3—7 °F (2—4 °C) below normal in Multan division.

**Forecast valid until the evening of 14th January 1970 :**—Local rain/thundershower with snowfalls over mountain tops are likely to occur in Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and Kashmir and scattered elsewhere in wast Pakistan outside Kalat, Karachi, Khairpur and Hyderabad divisions.

Karachi-11
the 13th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 4 | 18 | 02 | // | 01 | 0 | 145 | 79 | 3 | 3 | 6 | 0 | 0 | 56 | 81 |
| Cox's Bazar | 000 | 0 | 6 | 00 | 00 | // | 03 | 0 | 145 | 73 | 2 | 4 | 4 | 3 | 0 | 59 | 79 |
| Chittagong | 000 | 5 | 0 | 00 | 00 | // | 01 | 2 | 152 | 73 | 5 | 0 | 9 | 3 | 0 | 58 | 81 |
| Haijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 128 | 75 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 151 | 69 | 3 | 4 | 7 | 0 | 0 | 65 | 75 |
| Brahmanbaria | 000 | 0 | 0 | 05 | 02 | // | 01 | 1 | 147 | 65 | 5 | 5 | 5 | 0 | 0 | 59 | 79 |
| Sylhet | 036 | 0 | 7 | 00 | 00 | // | 17 | 9 | 147 | 59 | 4 | 9 | 4 | 2 | 0 | 58 | 75 |
| Srimangal | 000 | 0 | 0 | 00 | 00 | // | 95 | 9 | 147 | 59 | 5 | 9 | 4 | 7 | 2 | 59 | 75 |
| Mymensingh | 000 | 0 | 2 | 00 | 00 | // | 01 | 1 | 145 | 65 | 2 | 5 | 5 | 0 | 0 | 49 | 75 |
| Narayanganj | 000 | 0 | 4 | 09 | 02 | // | 02 | 2 | 145 | 73 | 4 | 6 | 3 | 9 | 0 | 64 | 79 |
| Dacca (Tejgaon) | 003 | 4 | 6 | 13 | 02 | 96 | 05 | 6 | 141 | 73 | 3 | 8 | 5 | 3 | 0 | 64 | 77 |
| Faridpur | 000 | 0 | 3 | 34 | 02 | 93 | 01 | 1 | 129 | 73 | 2 | 5 | 6 | 1 | 0 | 65 | 75 |
| Barisal | 000 | 0 | 0 | 32 | 02 | 95 | 02 | 1 | 141 | 73 | 0 | 0 | 9 | 0 | 0 | 65 | 79 |
| Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 143 | 77 | 0 | 0 | 5 | 0 | 0 | 65 | 81 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 0 | 00 | 0 | 138 | 68 | 0 | 0 | 9 | 0 | 0 | 65 | 75 |
| Jessore | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 138 | 74 | 3 | 5 | 4 | 3 | 0 | 54 | 81 |
| Pabna | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 135 | 65 | 0 | 0 | 9 | 0 | 0 | 62 | 75 |
| Sirajganj | 000 | 0 | 6 | 00 | 00 | // | 02 | 2 | 138 | 73 | 4 | 0 | 7 | 9 | 0 | 59 | 75 |
| Rajshahi | 000 | 0 | 2 | 00 | 00 | 94 | 01 | 1 | 143 | 69 | 0 | 0 | 9 | 2 | 0 | 64 | 75 |
| Bogra | 000 | 0 | 7 | 00 | 00 | // | 03 | 1 | 138 | 73 | 3 | 5 | 5 | 7 | 0 | 44 | 75 |
| Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 138 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 75 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 4 | 36 | 02 | 95 | 03 | 0 | 193 | 62 | 2 | 0 | 9 | 2 | 1 | 45 | 64 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | 000 | 0 | 1 | 30 | 12 | 97 | 01 | 2 | 184 | 64 | 0 | 0 | 9 | 0 | 1 | 45 | 65 |
| Islamabad | 000 | 0 | 6 | 00 | 00 | 96 | 05 | 0 | /// | 56 | 3 | 5 | 6 | 4 | 0 | 47 | 58 |
| Rawalpindi | 000 | 0 | 4 | 27 | 02 | 98 | 02 | 2 | 193 | 58 | 0 | 0 | 9 | 4 | 4 | 45 | 59 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 2 | 193 | 50 | 4 | 0 | 9 | 4 | 0 | 49 | 69 |
| Sargodha | 000 | 0 | 4 | 00 | 00 | 99 | 03 | 1 | 191 | 62 | 0 | 0 | 9 | 0 | 1 | 47 | 65 |
| Lyallpur | 000 | 0 | 4 | 36 | 02 | 95 | 02 | 0 | 192 | 60 | 4 | 0 | 9 | 0 | 4 | 43 | 64 |
| Sahiwal | 000 | 0 | 7 | 05 | 03 | 97 | 02 | 2 | 196 | 62 | 2 | 0 | 9 | 3 | 4 | 43 | 65 |
| Multan | 000 | 0 | 0 | 36 | 02 | 91 | 00 | 0 | 162 | 79 | 0 | 0 | 9 | 0 | 0 | 67 | 79 |
| Leiah | | | | | | | | | | | | | | | | | |
| Khanpur | 000 | 0 | 0 | 09 | 09 | 97 | 02 | 2 | 185 | 64 | 2 | 0 | 9 | 3 | 1 | 43 | 69 |
| Bahawalpur | 000 | 0 | 7 | 00 | 00 | 95 | 00 | 0 | 190 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 68 |
| Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 2 | 201 | 68 | 2 | 0 | 9 | 0 | 0 | 58 | 69 |
| Chakdra | 000 | 0 | 6 | 23 | 02 | 98 | 03 | 0 | 178 | 54 | 0 | 0 | 9 | 0 | 9 | 42 | 50 |
| Peshawar | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 2 | 196 | 60 | 1 | 0 | 9 | 3 | 2 | 47 | 62 |
| Haripur | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 195 | 58 | 7 | 0 | 9 | 7 | 0 | 49 | 58 |
| Bannu | 000 | 0 | 3 | 13 | 03 | 99 | 01 | 1 | 194 | 62 | 0 | 0 | 9 | 4 | 0 | 45 | 65 |
| D. I. Khan | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 1 | 199 | 62 | 0 | 0 | 9 | 0 | 5 | 47 | 64 |
| Sibi | 000 | 0 | 4 | 18 | 03 | 97 | 03 | 1 | 198 | 67 | 0 | 4 | 9 | 2 | 2 | 42 | 68 |
| Nokkundi | 000 | 0 | 7 | 13 | 04 | 95 | 95 | 2 | /// | 65 | 7 | 5 | 8 | 0 | 0 | 33 | 66 |
| Turbat | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | /// | 65 | 0 | 7 | 9 | 2 | 6 | 51 | 65 |
| Jiwani | 309 | 0 | 8 | 13 | 05 | 96 | 60 | 6 | 137 | 63 | 4 | 6 | 5 | 2 | 1 | 63 | 77 |
| Pasni | 090 | 0 | 6 | 11 | 14 | 95 | 50 | 7 | 151 | 70 | 0 | 0 | 0 | 0 | 1 | 62 | 87 |
| Ormara | 000 | 0 | 3 | 05 | 09 | 96 | 04 | 4 | 156 | 73 | 3 | 8 | 6 | 0 | 0 | 49 | 74 |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 159 | 77 | 0 | 0 | 8 | 0 | 0 | 41 | 79 |
| Karachi (Manora) | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 168 | 72 | 4 | 2 | 9 | 3 | 9 | 42 | 75 |
| Karachi (Airport) | 000 | 0 | 8 | 07 | 10 | 96 | 02 | 0 | 164 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 03 | 0 | 161 | 82 | 0 | 0 | 0 | 0 | 0 | 45 | 81 |
| Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 164 | 75 | 0 | 0 | 9 | 0 | 0 | 30 | 77 |
| Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 172 | 72 | 0 | 0 | 9 | 0 | 0 | 39 | 75 |
| Badin | 000 | 0 | 0 | 34 | 08 | 57 | 02 | 0 | 158 | 75 | 0 | 0 | 9 | 0 | 0 | 35 | 78 |
| Padidan | 000 | 0 | 1 | 35 | 03 | 96 | 01 | 0 | 176 | 69 | 0 | 0 | 9 | 0 | 1 | 39 | 72 |
| Nawabshah | 000 | 0 | 2 | 13 | 03 | 96 | 02 | 0 | 173 | 71 | 0 | 0 | 9 | 9 | 5 | 37 | 73 |
| Sukkur | 000 | 0 | 1 | 03 | 05 | 97 | 03 | 1 | 180 | 69 | 4 | 0 | 9 | 6 | 0 | 43 | 70 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 3 | 36 | 03 | 97 | 01 | 1 | 187 | 67 | 1 | 0 | 9 | 1 | 1 | 43 | 69 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 7 | 09 | 10 | 97 | 02 | 1 | 547 | 47 | 5 | 0 | 9 | 3 | 4 | 21 | 51 |
| Cherat | 000 | 0 | 0 | 05 | 07 | 98 | 00 | 0 | 525 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 45 |
| Kakul | 000 | 0 | 6 | 10 | 05 | 94 | 03 | 2 | 525 | // | 5 | 4 | 4 | 2 | 0 | 29 | 54 |
| Landikotal | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 4 | 618 | 46 | 0 | 0 | 9 | 0 | 6 | 38 | 51 |
| Parachinar | 000 | 0 | 4 | 16 | 03 | 99 | 01 | 2 | 532 | 47 | 2 | 0 | 9 | 7 | 6 | 24 | 31 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 533 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | 58 |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 508 | 49 | 2 | 4 | 7 | 0 | 1 | 27 | 51 |
| Hindubagh | 000 | 0 | 2 | 23 | 09 | 97 | 03 | 0 | /// | 40 | 2 | 1 | 6 | 0 | 0 | 36 | 45 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 514 | 57 | 0 | 0 | 9 | 0 | 0 | // | 65 |
| Harnai | 000 | 0 | 4 | 23 | 01 | 96 | 02 | 0 | 499 | 57 | 0 | 0 | 9 | 0 | 0 | 39 | 59 |
| Samungli (Quetta) | 000 | 0 | 7 | 31 | 02 | 96 | 03 | 0 | 507 | 47 | 0 | 0 | 9 | 3 | 1 | 39 | 49 |
| Chaman | 000 | 0 | 0 | 18 | 05 | 97 | 02 | 0 | 493 | 54 | 0 | 0 | 9 | 0 | 0 | 34 | 57 |
| Nushki | 000 | 0 | 5 | 27 | 05 | 97 | 03 | 0 | 538 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 56 |
| Dalbandin | 000 | 0 | 7 | 19 | 05 | 98 | 03 | 0 | 497 | 82 | 7 | 0 | 7 | 0 | 0 | 35 | 65 |
| Kalat | 000 | 0 | 0 | 23 | 02 | 97 | 00 | 2 | 507 | 44 | 0 | 0 | 9 | 0 | 0 | 35 | 58 |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 57 | 01 | 3 | 503 | 54 | 6 | 5 | 6 | 0 | 0 | 34 | 55 |
| Panjgur | | | | | | | | | | | | | | | | | |

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

| STATIONS (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | C00 | 0 | 3 | 31 | 02 | 97 | 01 | 6 | /// | 65 | 3 | 4 | 6 | 0 | 0 | 62 | 64 |
| Cox's Bazar | 000 | 0 | 5 | 05 | 05 | 96 | 02 | 0 | 187 | 69 | 3 | 4 | 9 | ! | 0 | // | 59 |
| Chittagong | C00 | 0 | 6 | 05 | 04 | 96 | 05 | 0 | 194 | 65 | 6 | 9 | 4 | 0 | 0 | 59 | 58 |
| Haijdee Court | 000 | 0 | C | 20 | 00 | 91 | 03 | 2 | 198 | 68 | 2 | 8 | 4 | 2 | ? | 62 | 59 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 171 | 69 | 0 | 0 | 9 | 0 | 0 | 62 | 60 |
| Brahmanbaria | C00 | 0 | 0 | 00 | 00 | 97 | 03 | 9 | 198 | 68 | 0 | 0 | 9 | 0 | 0 | 62 | 59 |
| Sylhet | 074 | 6 | 3 | 09 | 05 | 96 | 02 | 9 | 198 | // | 1 | 5 | 3 | 3 | 0 | 56 | 53 |
| Srimangal | 006 | 9 | 0 | 00 | 00 | 96 | 00 | 6 | 198 | 68 | 0 | 0 | 9 | 0 | 0 | 65 | 56 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Narayanganj | 011 | 0 | 2 | 05 | 02 | 97 | 01 | 1 | 191 | 73 | 2 | 6 | 6 | 0 | 0 | 62 | 60 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 10 | 4 | 196 | 64 | 0 | 0 | 9 | 0 | 0 | 62 | 59 |
| Faridpur | C60 | 0 | 0 | 00 | 00 | 97 | 08 | 0 | 192 | 65 | 0 | 0 | 9 | 0 | 0 | 62 | 58 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 143 | 77 | 0 | 0 | 9 | 0 | 0 | 65 | // |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 113 | 77 | 0 | 0 | 5 | 0 | 0 | 67 | 52 |
| Satkhira | 000 | 0 | 0 | 36 | 01 | 97 | 00 | 0 | 196 | 68 | 0 | 0 | 9 | 0 | 0 | 62 | 54 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 6 | 182 | 64 | 0 | 0 | 9 | 0 | 0 | 62 | 58 |
| Pabna | 000 | 0 | 8 | 13 | 02 | 94 | 44 | 4 | 187 | 65 | / | / | / | / | / | 62 | 59 |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | 99 | 00 | 0 | 206 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 56 |
| Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 142 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | // |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 190 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 40 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 94 | 10 | 0 | 204 | 45 | 0 | 0 | 9 | 0 | 2 | 43 | 41 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 80 | 00 | 0 | 190 | 50 | 0 | 0 | 9 | 0 | 0 | 58 | // |
| Jhelum | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 2 | 207 | 43 | 4 | 0 | 9 | 7 | 0 | 40 | 43 |
| Islamabad | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | /// | 47 | 2 | 4 | 5 | 6 | 0 | 40 | 38 |
| Rawalpindi | 000 | 0 | 8 | 00 | 00 | 95 | 01 | 2 | 197 | 40 | 8 | 0 | 9 | 4 | 0 | 40 | 38 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 201 | 45 | 0 | 0 | 9 | 3 | 3 | 43 | 43 |
| Sargodha | 000 | 0 | 7 | 00 | 00 | 96 | 04 | 1 | 200 | 43 | 0 | 0 | 9 | 0 | 1 | 43 | 39 |
| Lyallpur | 0.0 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 202 | 45 | 4 | 4 | 8 | 0 | 0 | 38 | 41 |
| Sahiwal | 000 | 0 | 2 | 31 | 04 | 98 | 04 | 0 | 208 | 40 | 2 | 0 | 9 | 3 | 1 | 38 | 35 |
| Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Leiah | | | | | | | | | | | | | | | | | |
| Khanpur | 000 | 0 | 3 | 00 | 00 | 95 | 02 | 0 | 205 | 41 | 0 | 0 | 9 | 0 | 1 | 38 | 38 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 98 | 05 | 0 | 226 | 41 | 0 | 0 | 9 | 0 | 0 | 35 | 40 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 154 | // | 0 | 0 | 9 | 0 | 0 | 35 | 58 |
| Chakdra | 000 | 0 | 8 | 23 | 05 | 97 | 02 | 2 | 196 | 41 | 8 | 0 | 9 | 2 | 1 | 40 | 38 |
| Peshawar | 000 | 0 | 7 | 00 | 00 | 92 | 42 | 4 | 207 | 45 | / | 5 | 7 | 7 | 0 | 45 | 43 |
| Haripur | 000 | 0 | 6 | 05 | 02 | 97 | 03 | 2 | 216 | 43 | 6 | 0 | 9 | 7 | 0 | 38 | 38 |
| Bannu | 000 | 0 | 7 | 31 | 01 | 98 | 03 | 2 | 200 | 45 | 5 | 2 | 7 | 1 | 6 | 49 | 41 |
| D. I. Khan | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 203 | 43 | 4 | 0 | 9 | 3 | 0 | 41 | 43 |
| Sibi | 000 | 0 | 6 | 00 | 00 | 99 | 03 | 1 | 216 | 47 | 6 | 0 | 9 | 4 | 2 | 36 | 44 |
| Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 2 | 161 | 50 | 5 | 5 | 6 | 0 | 0 | 44 | 49 |
| Turbat | 000 | 0 | 0 | 09 | 01 | 96 | 00 | 6 | /// | 57 | 0 | 7 | 9 | 2 | 0 | 41 | // |
| Jiwani | 391 | 9 | 8 | 09 | 16 | 96 | 91 | 9 | 149 | 63 | 5 | 6 | 5 | 2 | 1 | 59 | 58 |
| Pasni | 050 | 0 | 6 | 11 | 33 | 94 | 50 | 9 | 152 | 59 | 3 | 0 | 9 | 3 | 0 | 51 | // |
| Ormara | 004 | 0 | 7 | 09 | 03 | 96 | 01 | 1 | 172 | 59 | 7 | 7 | 5 | 0 | 0 | 53 | // |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Manora) | 000 | 0 | 7 | 05 | 05 | 96 | 03 | 2 | 175 | 62 | 7 | 4 | 4 | 0 | 1 | 45 | 60 |
| Karachi (Airport) | 000 | 0 | 7 | 05 | 07 | 96 | 03 | 1 | 180 | 63 | 7 | 0 | 9 | 2 | 0 | 50 | 59 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 146 | // | 0 | 0 | 9 | 0 | 0 | 44 | 60 |
| Chhor | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 181 | 55 | 4 | 0 | 0 | 5 | 0 | 37 | 49 |
| Hyderabad | 000 | 0 | 5 | 31 | 05 | 97 | 01 | 2 | 195 | 53 | 5 | 0 | 9 | 3 | 0 | 44 | 53 |
| Badin | 000 | 0 | 8 | 36 | 04 | 96 | 03 | 0 | 148 | 47 | 0 | 0 | 9 | 0 | 8 | 42 | 47 |
| Padidan | 000 | 0 | 5 | 31 | 02 | 96 | 03 | 1 | 202 | 46 | 5 | 0 | 9 | 7 | 0 | 40 | 41 |
| Nawabshah | 000 | 0 | 7 | 13 | 03 | 96 | 03 | 1 | 206 | 50 | 0 | 0 | 9 | 0 | 7 | 52 | 45 |
| Sukkur | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 2 | 190 | 54 | 6 | 0 | 9 | 9 | 0 | 46 | 51 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 5 | 09 | 02 | 96 | 03 | 0 | 196 | 51 | 6 | 0 | 9 | 5 | 1 | 43 | 48 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 8 | 09 | 05 | 96 | 02 | 2 | 550 | 40 | 4 | 5 | 7 | 2 | 0 | 27 | 35 |
| Cherat | 00 | 0 | 8 | 36 | 07 | 96 | 03 | 2 | 524 | 45 | 6 | 5 | 7 | 0 | 0 | 40 | 38 |
| Kakul | 000 | 0 | 8 | 34 | 02 | 97 | 03 | 2 | 523 | 43 | / | / | / | / | / | 63 | 38 |
| Landikotal | 000 | 0 | 6 | 36 | 02 | 98 | 03 | 0 | 610 | 41 | 6 | 7 | 6 | 0 | 0 | 33 | 30 |
| Parachinar | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 526 | 35 | 4 | 5 | 6 | 3 | 0 | 30 | 30 |
| Miranshah | 000 | 0 | 8 | 05 | 05 | 90 | 02 | 0 | 508 | 43 | 0 | 0 | 9 | 0 | 0 | 34 | 40 |
| Wana | 000 | 0 | 3 | 00 | 00 | 99 | 03 | 0 | 533 | 40 | 0 | 0 | 9 | 0 | 1 | 33 | 40 |
| Fort Sandeman | 000 | 0 | 5 | 13 | 02 | 97 | 03 | 1 | 510 | 32 | 0 | 0 | 9 | 0 | 0 | 15 | 28 |
| Hindubagh | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | /// | 26 | 0 | 0 | 0 | 0 | 0 | 21 | 17 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 492 | 39 | 6 | 0 | 0 | 0 | 9 | // | // |
| Harnai | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 502 | 45 | 0 | 0 | 8 | 0 | 4 | 38 | 39 |
| Samungli (Quetta) | 000 | 0 | 7 | 13 | 10 | 96 | 01 | 0 | 570 | 40 | 2 | 9 | 6 | 3 | 0 | 38 | 36 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 508 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 48 |
| Nushki | 000 | 0 | 5 | 07 | 03 | 97 | 03 | 0 | 531 | 51 | 0 | 0 | 9 | 0 | 3 | 23 | 46 |
| Dalbandin | 016 | 9 | 7 | 00 | 00 | 97 | 03 | 5 | 485 | 49 | 7 | 0 | 9 | 3 | 0 | 43 | 35 |
| Kalat | 000 | 0 | 0 | 23 | 03 | 57 | 00 | 2 | 515 | 37 | 0 | 0 | 9 | 0 | 0 | 24 | 29 |
| Khuzdar | 000 | 0 | 0 | 00 | 09 | 96 | 02 | 2 | 479 | 43 | 4 | 5 | 6 | 0 | / | 36 | 38 |
| Panjgur | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| STATIONS (2) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 0.5 | — | 0.0 | |
| Cox's Bazar | 0 | + 3 | — | — | 0.0 | 140 |
| Chittagong | + 2 | + 3 | 1.2 | — 1.6 | 0.0 | 108 |
| Haijdee Court | — 1 | + 2 | 0.3 | — 1.5 | 0.0 | 112 |
| Comilla | — 4 | + 7 | 0.5 | — 1.2 | 0.0 | 194 |
| Brahmanbaria | — | — | — | — | — | 78 |
| Sylhet | — | — | 2.2 | ... | 0.7 | — |
| Srimangal | — 6 | + 9 | 1.5 | — 0.1 | 0.1 | 98 |
| Mymensingh | — 1 | | | | | 91 |
| Narayanganj | + 1 | + 5 | 1.5 | + 0.3 | 0.1 | 74 |
| Dacca (Tejgaon) | — | — | 1.3 | — | 0.1 | — |
| Faridpur | — 1 | + 6 | 2.0 | + 0.7 | 0.5 | 71 |
| Barisal | + 2 | — | 0.9 | — 0.9 | 0.0 | 81 |
| Khulna | + 3 | — | — | — | — | 68 |
| Satkhira | — 1 | + 2 | 0.1 | — 1.8 | 0.0 | 65 |
| Jessore | — | — | 1.1 | — 0.1 | 0.0 | 48 |
| Pabna | — | — | 1.1 | — | 0.0 | 59 |
| Sirajganj | — 2 | + 4 | 0.3 | — 0.5 | 0.0 | 64 |
| Rajshahi | — 2 | | | | | — |
| Bogra | — 1 | | | | | 69 |
| Dinajpur | — | | 0.9 | + 0.2 | 0.0 | 72 |
| Rangpur | 0 | — 1 | 0.0 | — 0.6 | 0.0 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | — 5 | + 1 | 0.0 | — 0.9 | 0.0 | 19 |
| Sialkot | | | — | — | — | 32 |
| Jhelum | — | — | 0.1 | — | 0.0 | — |
| Islamabad | — | — | — | — | — | — |
| Rawalpindi | — | — | 0.3 | — 1.8 | 0.2 | 34 |
| Campbellpur | — 5 | | | | | — |
| Khushab | 0 | + 2 | 0.0 | — 0.7 | 0.0 | 15 |
| Sargodha | — | — | 0.1 | — | 0.0 | — |
| Lyallpur | — 3 | + 1 | 0.0 | — 0.4 | 0.0 | 13 |
| Sahiwal | — 4 | — 7 | 0.0 | — 0.3 | 0.0 | 10 |
| Multan | | | | | | 7 |
| Leiah | | | | | | 8 |
| Khanpur | — 3 | — 2 | 0.3 | 0.8 | 0.0 | 8 |
| Bahawalpur | — 2 | — 1 | — | — | — | 8 |
| Fort Abbas | — | — | — | | — | 8 |
| Chakdra | — | — | 0.2 | — | 0.1 | — |
| Peshawar | — 1 | + 2 | 0.7 | — 0.5 | 0.2 | 11 |
| Haripur | — | — | — | | — | — |
| Bannu | — 5 | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | — | + 2 | 0.1 | — 0.3 | 0.1 | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | — | — | 0.0 | — | 0.0 | 3 |
| Turbat | | — | 0.0 | — | 0.0 | — |
| Jiwani | — | — | 6.6 | — | 6.8 | 3 |
| Pasni | + 5 | — | 2.0 | — 1.5 | 2.5 | 6 |
| Ormara | — | — | 0.0 | — 1.1 | 0.0 | 6 |
| Lasbela | — | | | | | 8 |
| Karachi (Manora) | 0 | — | — | — | — | 8 |
| Karachi (Airport) | — | — | 5.1 | — | 0.1 | — |
| Nagarparkar | — | — | — | — | — | — |
| Chhor | — | — | — | — | — | 7 |
| Hyderabad | — 1 | + 2 | 0.0 | — 0.2 | 0.0 | 9 |
| Badin | + 2 | | 0.0 | — 0.3 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0 | — | 0.0 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | — 4 | + 5 | 0.2 | — 0.1 | 0.1 | 20 |
| Veraval | | | | | | 26 |
| HILL STATIONS | | | | | | |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 34 |
| Dras | | | | | | 3 |
| Leh | | | | | | 6 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 59 |
| Murree | + 3 | + 3 | — | — | — | 18 |
| Drosh | — 4 | — 1 | 0.6 | — 2.0 | 0.0 | 29 |
| Cherat | — | — | 1.3 | — | 0.2 | — |
| Kakul | — | — | 0.9 | — | 0.1 | — |
| Landikotal | — | + 1 | 0.9 | — | 0.2 | 29 |
| Parachinar | 0 | — | 9.0 | — 1.0 | 0.0 | 13 |
| Miranshah | — | — | — | — | — | 11 |
| Wana | — | — | — | — | — | 11 |
| Fort Sandeman | — 6 | — 2 | 0.0 | — 0.8 | 0.0 | — |
| Hindubagh | — | — | 0.7 | — | 0.1 | 9 |
| Loralai | | | | | | — |
| Barkhan | — 34 | — | — | — | — | 14 |
| Harnai | — | — | 0.0 | — 1.0 | 0.0 | 9 |
| Samungli (Quetta) | — 2 | + 7 | 1.2 | — 0.7 | 0.6 | 8 |
| Chaman | + 7 | + 4 | 0.0 | — 2.3 | 0.0 | — |
| Nushki | — | — | 1.0 | — | 0.7 | 4 |
| Dalbandin | + 3 | + 1 | 0.4 | — 0.7 | 0.4 | 7 |
| Kalat | + 9 | + 3 | 0.7 | — 0.9 | 0.7 | — |
| Khuzdar | — | — | 0.6 | — | 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 over 999 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 13th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | $7RR t_Rt_R$ | $8N_sCh_s h_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{ww}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Marinik | 99 2 16 | 10 6 25 | 12 0 01 | 11 3 00 | 09 9 80 | 13 3 22 | 11 4 00 | 34 6 04 | | | ... | 12 6 95 | 30 3 01 | ... |
| Marinik | 99 2 07 | 10 6 42 | 12 0 61 | 51 1 03 | 98 0 21 | 15 4 28 | 38 4 04 | 34 2 21 | | | ... | 12 7 12 | 30 3 01 | 09 6 81 |
| Goldeni | 99 2 49 | 10 6 25 | 12 0 63 | 72 2 08 | 98 0 32 | 16 7 25 | 31 4 11 | 63 1 // | | | 0/ 7 15 | 12 3 82 | 30 2 01 | ... |
| Domra | 99 2 46 | 10 6 42 | 12 1 93 | 00 4 09 | 98 0 20 | 18 0 23 | 00 9 00 | 63 1 // | | | 05 1 19 | 30 2 01 | 03 3 01 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTT$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 014 176 // | ... | 500 078 // | 085 202 // | 569 157 // | 734 279 // | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 018 190 33 | .. | 488 100 62 | 120 010 61 | 577 121 65 | 745 207 64 | 957 355 62 | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 015 174 59 | ... | 500 070 05 | 084 000 // | 568 155 // | 549 519 // | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 004 040 20 | ... | 500 070 61 | 076 009 61 | 056 181 // | 732 261 // | 938 391 // | 302 445 // | 399 501 // | ... | — | ... | ... |
| Peshawar | 00 00 | 977 021 31 | ... | 430 032 2 | 034 053 23 | 562 01 // | 723 230 31 | 922 477 // | 189 513 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 819 040 43 | ... | ... | 035 105 // | 733 305 // | 710 443 // | 923 581 // | ... | ... | ... | ... | ... | — |
| Sargodha | 00 00 | 997 080 58 | ... | 500 050 63 | 065 021 41 | 564 221 // | 724 335 // | 922 415 // | 190 525 // | — | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 990 111 // | 800 036 // | 600 007 // | /// /// // | 250 471 // | ... | — | — | ... | ... | — | — |
| Dacca | 00 00 | 990 124 65 | 800 050 62 | 600 045 61 | 350 281 64 | 250 774 35 | ... | — | — | — | ... | — | — |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | — | ... | — | — | — | ... | — | — | ... | ... | ... | — |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 800 011 // | 600 159 // | 350 481 // | .. | ... | ... | ... | ... | ... | ... | — | ... |
| Sargodha | 00 00 | ... | ... | — | ... | ... | ... | — | — | — | ... | ... | — |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 225 12 | 225 12 | 265 13 | 280 19 | 265 19 | 280 23 | ... | .. | ... |
| Bogra | 180 03 | 195 03 | 230 04 | | ... | - | — | ... | — |
| Chaklala | ... | 105 03 | 105 09 | 095 03 | | ... | | | ... |
| Chhor | 030 08 | 060 07 | 055 07 | 225 06 | 345 12 | 240 18 | 240 23 | 225 26 | 220 15 |
| Chittagong | 210 10 | 205 09 | 200 09 | 240 13 | 250 23 | 230 13 | ... | ... | .. |
| Cherat | ... | | | | | | .. | ... | ... |
| Cox's Bazar | 205 10 | 310 08 | 315 07 | 310 05 | 285 13 | 285 16 | ... | ... | .. |
| Dacca | 220 10 | 220 13 | 220 15 | 260 26 | 255 19 | ... | ... | — | .. |
| Dalbandin | ... | | 185 07 | 185 10 | 295 15 | ... | | | |
| D. I. Khan | 035 01 | 060 01 | 305 01 | 325 03 | 310 03 | 205 04 | 215 13 | 220 17 | 225 24 |
| Drosh | | ... | ... | 060 08 | 030 19 | 050 06 | 360 17 | ... | ... |
| Fort Sandeman | No | Ascent | ... | — | — | ... | ... | ... | ... |
| Gilgit | | | ... | | | ... | ... | ... | ... |
| Jahurdi | 220 06 | 230 05 | 236 06 | 234 09 | 235 10 | ... | | | |
| Jacobabad | 340 07 | 011 03 | 020 05 | 095 06 | 105 05 | 240 15 | 235 18 | 250 27 | 260 27 |
| Jessore | 260 04 | 265 06 | 240 10 | 245 11 | 265 19 | 275 20 | ... | ... | ... |
| Jhelum | 310 06 | 310 07 | 230 06 | 095 08 | 125 07 | 125 07 | 270 15 | 268 23 | 280 29 |
| Jiwani | No | Ascent | | | | | | | |
| Karachi | 070 12 | 070 18 | 080 13 | 145 09 | 200 09 | 220 19 | 230 30 | 225 15 | 230 19 |
| Khanpur | 040 13 | 035 21 | 035 25 | 025 13 | 035 21 | 130 10 | ... | | — |
| Khuzdar | | ... | ... | 300 03 | 325 06 | 280 16 | 285 27 | 285 35 | 295 42 |
| Lahore | 345 09 | 345 06 | 345 07 | 355 10 | 015 10 | 280 04 | 300 04 | 155 05 | 080 04 |
| Multan | 060 10 | 040 08 | 040 10 | 040 14 | 040 10 | 185 05 | 225 26 | 260 12 | 225 20 |
| Nawab Shah | 040 03 | 055 06 | 065 06 | 160 01 | 230 10 | 245 20 | 325 31 | 245 80 | 250 19 |
| Nokkundi | — | .. | 240 10 | . | — | ... | ... | ... | ... |
| Panjgur | — | | | | ... | — | ... | ... | — |
| Peshawar | .. | 200 01 | 065 02 | 335 10 | 120 12 | ... | ... | ... | ... |
| Parachinar | ... | ... | — | 074 04 | 105 04 | 235 25 | 225 21 | 255 33 | 235 23 |
| Quetta | ... | | | | 160 08 | ... | ... | — | ... |
| Sargodha | 120 01 | 040 01 | 020 04 | 020 02 | 325 01 | 005 06 | 330 26 | 325 23 | 320 13 |
| Skardu | | ... | | 175 02 | 350 01 | 240 12 | 240 04 | 240 02 | 240 06 |
| Sylhet | 335 10 | 350 11 | 210 10 | 205 12 | ... | ... | — | — | ... |
| Veraval | ... | ... | ... | ... | ... | — | — | ... | — |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 245 13 | 340 13 | 330 07 | 310 11 | 290 14 | ... |
| Bogra | No | Ascent | | | | |
| Chaklala | | 065 02 | 055 02 | 040 02 | 020 02 | 045 03 |
| Chhor | 055 17 | 060 03 | 065 16 | 325 06 | 285 15 | 260 08 |
| Chittagong | ... | ... | — | ... | ... | ... |
| Cherat | | | | | ... | ... |
| Cox's Bazar | 350 07 | 330 09 | 325 06 | 350 19 | ... | ... |
| Dacca | 350 12 | 340 11 | 330 11 | 290 11 | 270 17 | 305 17 |
| Dalbandin | | | 145 10 | 170 16 | | |
| D. I. Khan | 300 15 | 335 04 | 320 02 | 200 02 | 255 09 | 175 13 |
| Drosh | | ... | ... | 125 01 | 215 01 | 110 05 |
| Fort Sandeman | No | Ascent | ... | ... | ... | ... |
| Gilgit | ... | ... | .. | ... | ... | ... |
| Jahurdi | ... | ... | | | | |
| Jacobabad | 025 09 | 020 06 | 045 04 | 115 03 | 175 05 | 185 08 |
| Jessore | 010 20 | 010 14 | 005 13 | 305 11 | 295 19 | |
| Jhelum | 295 06 | 300 07 | 050 07 | 120 03 | 145 10 | 230 15 |
| Jiwani | No | Ascent | ... | ... | — | ... |
| Karachi | | | | | | |
| Khanpur | 045 06 | 050 09 | 070 07 | 040 04 | 355 05 | 340 15 |
| Khuzdar | | | | 135 06 | 210 05 | |
| Lahore | 318 04 | 310 05 | 320 04 | 310 02 | 080 02 | 095 02 |
| Multan | 075 07 | 070 06 | 030 04 | 050 02 | 050 10 | 071 04 |
| Nawab Shah | 055 15 | 155 12 | 030 11 | 350 11 | 315 10 | 230 14 |
| Nokkundi | ... | | 105 08 | 130 33 | 170 24 | |
| Panjgur | | | | | | |
| Peshawar | ... | 240 05 | 360 04 | 040 02 | 360 03 | 085 06 |
| Parachinar | — | ... | ... | 165 04 | 110 01 | ... |
| Quetta | | | | | | |
| Sargodha | 240 04 | 265 03 | 325 04 | 035 02 | 205 03 | 220 13 |
| Skardu | | | | | | |
| Sylhet | 105 13 | 100 05 | 295 07 | 025 09 | 325 12 | 295 26 |
| Veraval | — | ... | ... | — | ... | — |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | [illegible] |
| Barisal | 005 09 | 005 12 | 360 11 | 355 13 | .. | — | — | ... | ... | ... | ... |
| Bogra | 020 04 | 005 07 | 185 10 | 215 18 | ... | | | ... | ... | ... | ... |
| Chaklala | | 185 01 | 130 05 | 115 08 | 140 13 | 140 17 | 185 15 | 160 10 | 190 20 | ... | ... |
| Chhor | 060 10 | 070 09 | 030 05 | 120 12 | 005 05 | | | ... | ... | ... | ... |
| Chittagong | 200 50 | 250 12 | 260 08 | 245 14 | 285 20 | 240 31 | 330 16 | — | ... | ... | ... |
| Cox's Bazar | 310 04 | 320 05 | 330 04 | 005 04 | 285 07 | 300 07 | ... | ... | ... | ... | ... |
| Dalbandin | 050 07 | 040 08 | 360 10 | 335 10 | 290 11 | 295 10 | 320 15 | 305 13 | ... | ... | ... |
| D. I. Khan | ... | ... | 245 02 | 210 08 | 240 19 | 225 21 | 225 17 | ... | ... | ... | ... |
| Drosh | 210 04 | 225 06 | 235 06 | 230 03 | 065 02 | 040 05 | 155 08 | 155 09 | 180 12 | 185 10 | 215 |
| Gilgit | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi | 005 10 | 350 10 | 340 12 | 295 06 | 310 01 | 125 02 | ... | ... | ... | ... | ... |
| Jacobabad | 105 10 | 095 06 | 085 05 | 305 08 | 29. 12 | 295 08 | .. | ... | ... | ... | ... |
| Jessore | 005 08 | 005 09 | 345 10 | 030 02 | 265 18 | ... | ... | ... | ... | ... | ... |
| Jhelum | 345 03 | 320 07 | 040 02 | 350 07 | 275 24 | 325 11 | 300 45 | ... | ... | ... | ... |
| Jiwani | 070 12 | 100 27 | 090 21 | 120 12 | 130 18 | 160 14 | ... | ... | ... | ... | ... |
| Karachi | 080 10 | 060 15 | 070 17 | ... | ... | ... | — | ... | ... | ... | ... |
| Khanpur | 110 15 | 100 15 | 100 15 | ... | | | | | ... | | ... |
| Khuzdar | | | | ... | 050 11 | 360 07 | 090 13 | 210 34 | 225 22 | 215 06 | 235 |
| Lahore | 290 04 | 270 05 | 364 04 | 255 04 | 150 09 | 170 14 | 200 17 | 220 18 | 235 14 | 220 29 | 250 |
| Multan | 120 05 | 124 06 | 135 06 | 135 07 | 130 03 | 095 05 | 200 27 | 225 12 | 230 17 | 220 53 | 210 |
| Nawab Shah | 060 12 | 035 10 | 035 11 | 290 17 | 275 17 | 238 23 | ... | ... | ... | — | ... |
| Nokkundi | . | | 090 08 | 245 09 | 250 12 | | | | ... | ... | ... |
| Peshawar | ... | 130 03 | 270 04 | 305 09 | 045 04 | 091 41 | 175 16 | 190 21 | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | — | .. | 255 10 | 270 14 | 285 29 | — | ... | ... | ... |
| Sargodha | 170 03 | 170 03 | 190 03 | 245 03 | 185 04 | 175 13 | 200 19 | ... | ... | ... | ... |
| Skardu | | | | 085 06 | 260 15 | 265 09 | 110 18 | 160 19 | 120 16 | — | ... |
| Sylhet | 110 04 | 110 01 | 305 03 | 305 14 | 275 17 | 320 22 | 315 34 | ... | ... | ... | ... |
| Veraval | .. | ... | — | ... | ... | — | — | ... | — | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 035 22 | 055 36 | 065 29 | 085 19 | 150 16 | 225 21 | 240 44 | 235 11 | 230 44 | 235 52 | 245 51 | ... | — | ... | ... | ... | ... | .. |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

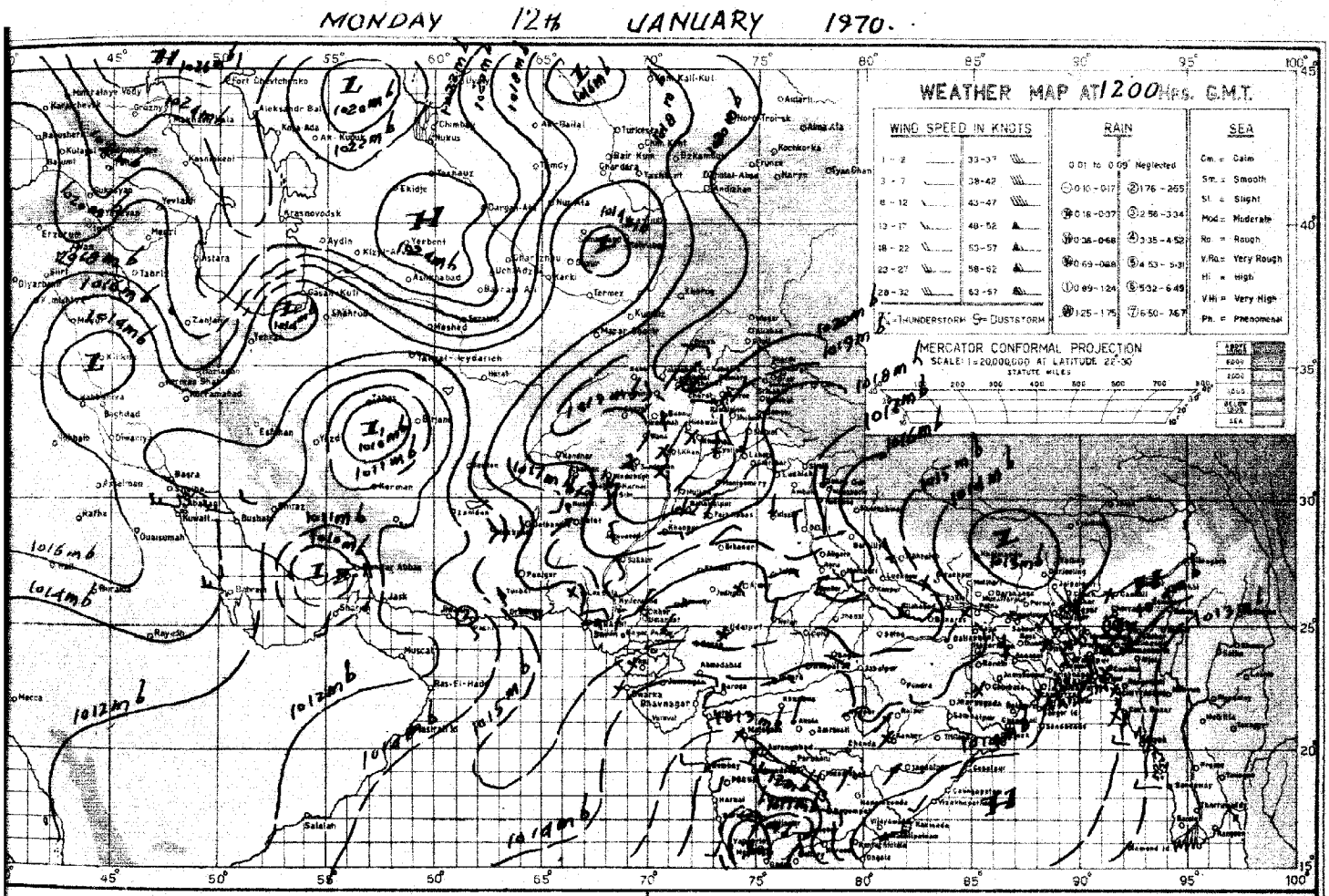
† The actual time of observations may vary within half an hour of the specified time.

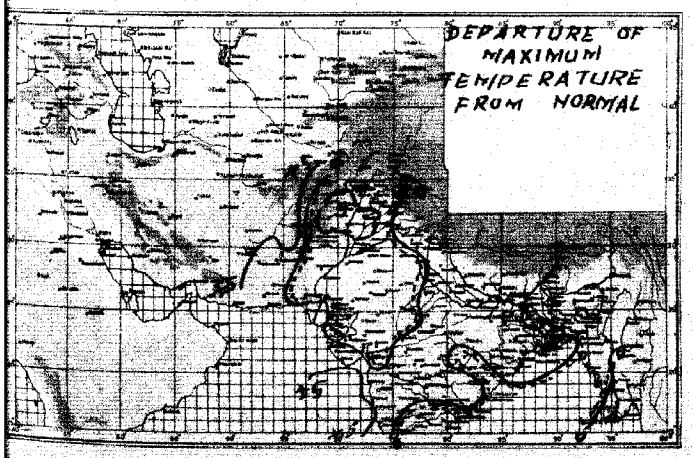
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

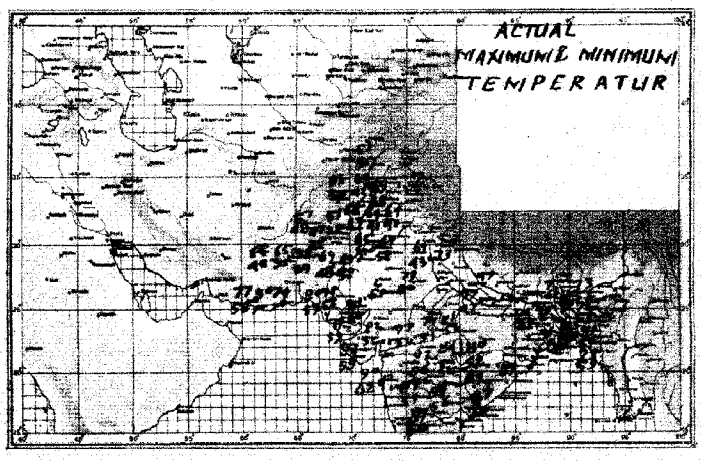
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Centre Air Port, KARACHI—II

# PAKISTAN DAILY WEATHER MAP

MONDAY 12th JANUARY 1970.



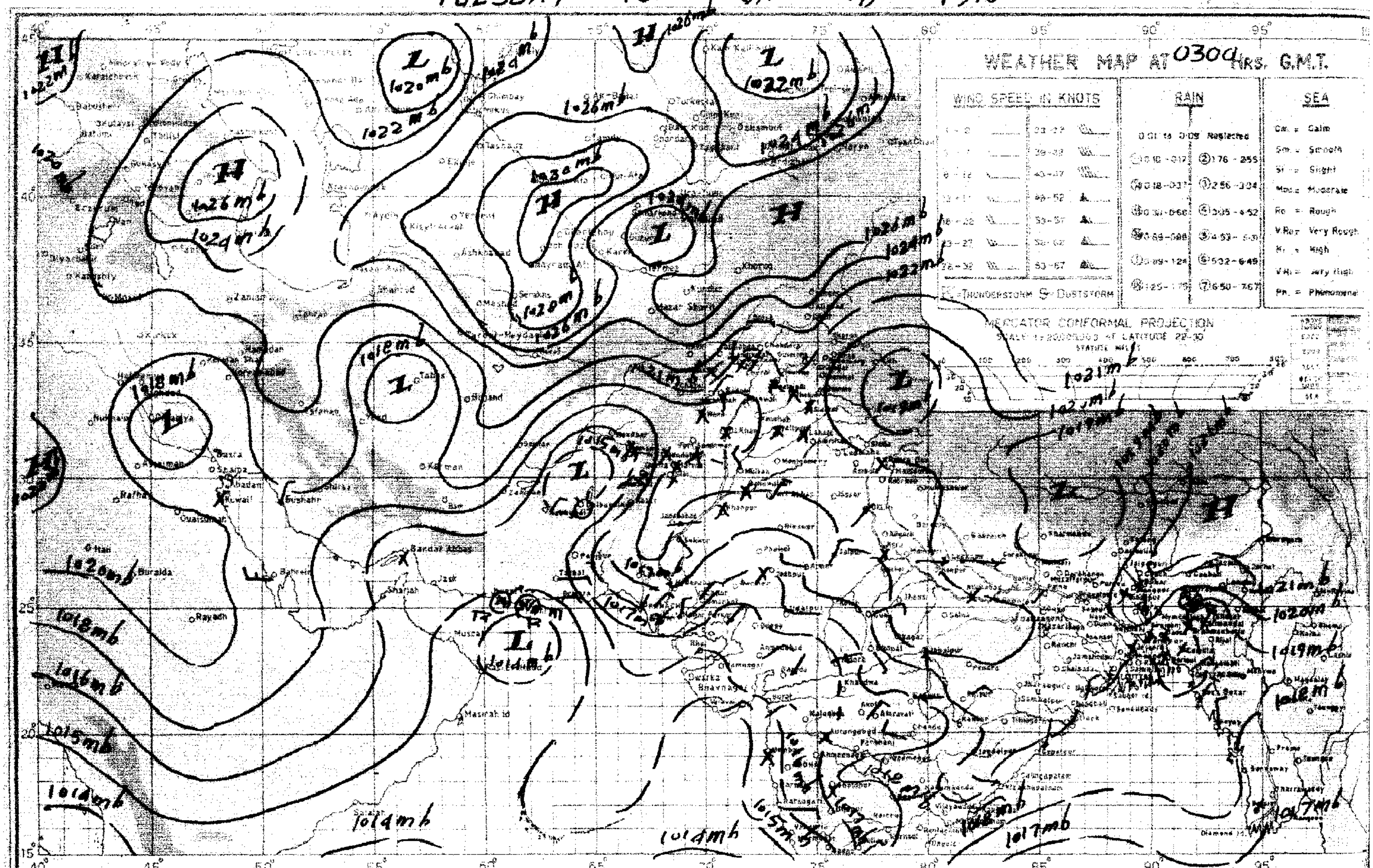



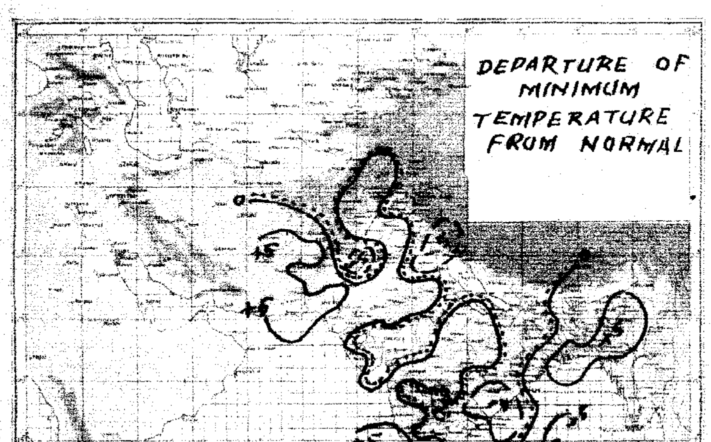



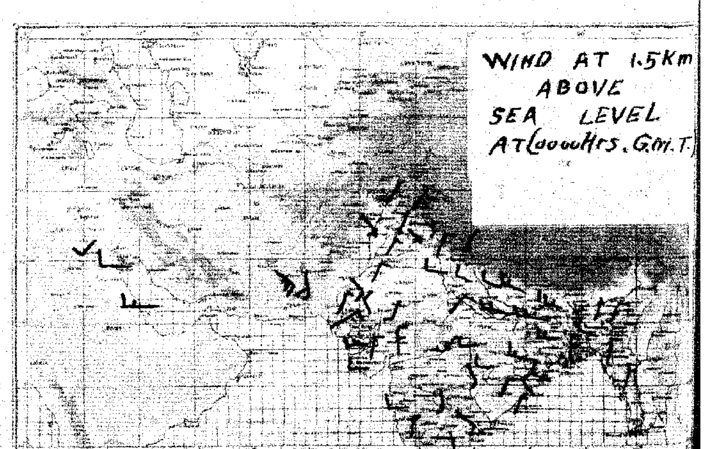

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

TUESDAY 13th JANUARY, 1970.




REGD. No. 1824 RWXD 61-5000'65-5000'67.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 14th JANUARY 1970.**

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

Yesterday's secondary western disturbance now lies over Quetta and D. I. Khan divisions It has caused local rain/drizzle in Quetta and Hyderabad divisions and scattered in Kalat division. Light rain/drizzle also occured at a number of places in Khairpur division and a few places in Bahawalpur and Karachi divisions.

The trough of low pressure over Asam and adjoining areas moved away after causing a few falls of light rain in Chittagong division.

Weather remained dry elsewhere over the country.

Chief amounts of rainfall are : Chaman ¾" (upto 1200 G.M.T.) Nushki ¾", Smangali and Hyderabad ¼" each.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan outside Dacca division and in Lahore, Quetta, Kalat, Hyderabad and Khairpur divisions and were to the same extent below normal in Sargodha and Bahawalpur divisions.

**Forecast valid until the evening of 15th January 1970 :**—Local rain/thundershower with snowfalls over mountain tops are likely to occur in Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and Kashmir and scattered in Multan, Sargodha and Lahore divisions. Weather is likely to be dry elsewhere over the country.

rachi-11
e 14th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

| 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 | Wx | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Rangamati | 000 | 0 | 8 | 18 | 02 | // | 81 | 0 | 160 | 77 | 2 | 3 | 0 | 8 | 0 | 58 | 82 |
| Cox's Bazar | 000 | 0 | 2 | 30 | 08 | // | 01 | 0 | 167 | 72 | 0 | 0 | 9 | 0 | 1 | 67 | 78 |
| Chittagong | 002 | 2 | 0 | 00 | 00 | // | 03 | 0 | 165 | 72 | 0 | 0 | 9 | 0 | 1 | 67 | 81 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 1 | 173 | 43 | 0 | 0 | 9 | 0 | 0 | 63 | 78 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 168 | 76 | 0 | 0 | 9 | 0 | 0 | 72 | 80 |
| Brahmanbaria | 000 | 0 | 0 | 05 | 00 | // | 00 | 0 | 174 | 70 | 0 | 0 | 9 | 0 | 0 | 64 | 78 |
| Sylhet | 008 | 0 | 0 | 00 | 00 | // | 02 | 0 | 157 | 67 | 0 | 0 | 9 | 0 | 0 | // | 76 |
| Srimangal | 006 | 0 | 0 | 00 | 00 | // | 00 | 0 | 156 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 78 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 6 | 173 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| Narayanganj | 000 | 0 | 1 | 00 | 00 | // | 01 | 0 | 168 | 78 | 1 | 6 | 6 | 0 | 0 | 58 | 80 |
| Dacca (Tejgaon) | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 170 | 72 | 2 | 5 | 4 | 0 | 0 | 51 | 78 |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 132 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| Barisal | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 168 | 78 | 0 | 0 | 9 | 0 | 0 | 60 | 77 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 176 | 77 | 0 | 0 | 9 | 0 | 0 | 70 | 82 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 176 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 78 |
| Jessore | 000 | 0 | 0 | 36 | 04 | 96 | 02 | 0 | 172 | 70 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 167 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 176 | 70 | 0 | 0 | 9 | 8 | 0 | 56 | 76 |
| Bogra | 000 | 0 | 0 | 31 | 02 | // | 00 | 1 | 168 | 67 | 0 | 0 | 9 | 0 | 0 | 51 | 76 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 159 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 144 | 50 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Intl.Rd.) | 000 | 0 | 7 | 31 | 02 | 95 | 03 | 1 | 170 | 63 | 5 | 0 | 9 | 7 | 1 | 40 | 68 |
| Sialkot | | | | | | | | | | | | | | | | | |
| Jhelum | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 164 | 63 | 1 | 5 | 7 | 3 | 1 | 41 | 70 |
| Islamabad | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 0 | /// | 56 | / | / | / | / | / | 45 | 56 |
| Rawalpindi | 000 | 0 | 8 | 25 | 02 | 98 | 02 | 2 | 174 | 59 | 8 | 4 | 7 | 0 | 0 | 45 | 63 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 8 | 00 | 00 | 96 | 01 | 2 | 144 | 63 | 0 | 0 | 9 | 6 | 2 | 51 | 70 |
| Sargodha | 000 | 0 | 8 | 31 | 03 | 97 | 03 | 2 | 169 | 60 | 3 | 5 | 8 | 0 | 1 | 45 | 68 |
| Lyallpur | 000 | 0 | 5 | 36 | 02 | 95 | 02 | 0 | 164 | 63 | 5 | 4 | 8 | 0 | 0 | 41 | 64 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 6 | 25 | 02 | 97 | 02 | 0 | 175 | 64 | 3 | 5 | 6 | 3 | 2 | 40 | 68 |
| Laiah | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 162 | 62 | 0 | 6 | 9 | 0 | 0 | 34 | // |
| Khanpur | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 2 | 171 | 64 | 4 | 0 | 9 | 3 | 1 | 43 | 68 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 181 | 64 | 8 | 8 | 9 | 0 | 0 | 43 | 70 |
| Fort Abbas | 000 | 0 | 9 | 00 | 00 | 98 | 00 | 0 | 159 | 67 | 0 | 0 | 9 | 0 | 0 | // | 67 |
| Chakdara | 000 | 0 | 7 | 23 | 02 | 97 | 03 | 0 | 174 | 50 | 7 | 3 | 1 | 0 | 0 | 47 | 51 |
| Peshawar | 000 | 0 | 8 | 00 | 00 | 94 | 01 | 2 | 188 | 54 | 3 | 5 | 7 | 2 | 0 | 49 | 54 |
| Haripur | 000 | 0 | 6 | 23 | 02 | 97 | 03 | 2 | 170 | 56 | 6 | 5 | 7 | 0 | 0 | 45 | 58 |
| Bannu | 000 | 0 | 7 | 20 | 01 | 98 | 03 | 2 | 173 | 60 | 7 | 2 | 7 | 0 | 0 | 47 | 60 |
| D. I. Khan | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 0 | 177 | 63 | 0 | 0 | 9 | 0 | 0 | 51 | 64 |
| Sibi | 000 | 0 | 8 | 36 | 03 | 97 | 03 | 1 | 175 | 65 | 0 | 6 | 9 | 4 | 2 | 58 | 66 |
| Nokkundi | 000 | 0 | 8 | 31 | 05 | 96 | 01 | 0 | 138 | 63 | 3 | 5 | 6 | 0 | 0 | 33 | 64 |
| Turbat | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 8 | /// | 69 | 0 | 7 | 9 | 2 | 0 | 44 | 68 |
| Jiwani | 000 | 0 | 1 | 05 | 06 | 96 | 01 | 1 | 159 | 67 | 1 | 5 | 6 | 0 | 0 | 59 | 68 |
| Pasni | 000 | 0 | 6 | 11 | 04 | 96 | 00 | 0 | 154 | 60 | 0 | 3 | 9 | 3 | 0 | 58 | // |
| Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lasbela | | | | | | | | | | | | | | | | | |
| Karachi (Manora) | 004 | 8 | 6 | 05 | 07 | 97 | 03 | 1 | 156 | 65 | 6 | 7 | 4 | 2 | 0 | 58 | 66 |
| Karachi (Airport) | 003 | 9 | 7 | 05 | 01 | 96 | 03 | 5 | 160 | 64 | 7 | 6 | 5 | 0 | 0 | 45 | 66 |
| Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 182 | 74 | 6 | 6 | 6 | 0 | 0 | 18 | 77 |
| Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hyderabad | 004 | 0 | 7 | 36 | 05 | 97 | 01 | 2 | 171 | 69 | 7 | 6 | 9 | 0 | 0 | 49 | 61 |
| Badin | 010 | 0 | 3 | 36 | 14 | 96 | 02 | 0 | 151 | 66 | 0 | 0 | 9 | 3 | 4 | 44 | 67 |
| Padidan | 000 | 6 | 7 | 27 | 03 | 96 | 30 | 5 | 180 | 62 | 7 | 0 | 9 | 2 | 0 | 47 | 64 |
| Nawabshah | 000 | 0 | 7 | 31 | 09 | 96 | 03 | 2 | 190 | 69 | 4 | 0 | 9 | 3 | 8 | 49 | 60 |
| Sukkur | 000 | 0 | 7 | 05 | 02 | 96 | 03 | 2 | 176 | 66 | 7 | 0 | 9 | 9 | 8 | 49 | 70 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 7 | 25 | 03 | 97 | 02 | 2 | 183 | 65 | 7 | 0 | 9 | 7 | 0 | 46 | 65 |
| Varavi | | | | | | | | | | | | | | | | | |
| ALL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Minqar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 8 | 00 | 20 | 96 | 02 | 2 | 536 | 47 | 8 | 3 | 7 | 0 | 0 | 25 | 49 |
| Chitral | 000 | 0 | 6 | 05 | 01 | 95 | 03 | 2 | 543 | 47 | 6 | 5 | 7 | 0 | 0 | 29 | 49 |
| Kakul | 000 | 0 | 7 | 16 | 05 | 94 | 05 | 2 | 499 | 50 | 5 | 4 | 4 | 3 | 0 | 30 | 56 |
| Landikotal | 000 | 0 | 6 | 36 | 02 | 98 | 02 | 6 | 616 | 47 | 8 | 7 | 4 | 0 | 0 | 41 | 50 |
| Prachinar | 000 | 8 | 8 | 00 | 00 | 97 | 01 | 2 | 522 | 43 | 4 | 5 | 6 | 2 | 1 | 27 | 45 |
| Miranshah | 000 | 0 | 8 | 05 | 05 | 96 | 00 | 0 | 519 | 56 | 0 | 0 | 9 | 0 | 0 | 34 | 58 |
| Wana | 000 | 0 | 7 | 00 | 00 | 98 | 03 | 0 | 477 | 50 | 7 | 4 | 7 | 0 | 9 | 38 | 56 |
| Fort Sandeman | 000 | 8 | 7 | 31 | 03 | 97 | 01 | 2 | 501 | 50 | 3 | 4 | 7 | 4 | 0 | 28 | 51 |
| Hindubagh | 000 | 0 | 8 | 23 | 09 | 97 | 03 | 0 | /// | 48 | 8 | 8 | 4 | 0 | 0 | 30 | 50 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 23 | 02 | 98 | 03 | 0 | 512 | 57 | 0 | 0 | 9 | 0 | 0 | // | 65 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 489 | 51 | 0 | 0 | 9 | 0 | 0 | 45 | 60 |
| Samungli (Quetta) | 015 | 3 | 8 | 13 | 05 | 95 | 03 | 6 | 504 | 43 | 5 | 4 | 6 | 3 | 0 | 37 | 46 |
| Chaman | 030 | 4 | 7 | 36 | 03 | 96 | 03 | 6 | 509 | 47 | 9 | 4 | 8 | 0 | 0 | 43 | 57 |
| Nushki | 017 | 0 | 8 | 00 | 00 | 97 | 30 | 6 | 538 | 51 | 8 | 4 | 7 | 0 | 0 | 38 | 61 |
| Dalbandin | 000 | 0 | 6 | 23 | 03 | 98 | 30 | 0 | 500 | 61 | 6 | 6 | 7 | 0 | 0 | 48 | 62 |
| Kalat | 000 | 0 | 9 | 27 | 03 | 96 | 00 | 2 | 499 | 41 | 8 | 5 | 9 | 7 | 0 | 39 | 58 |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur | | | | | | | | | | | | | | | | | |

| STATIONS | At 0300 Hrs. G. M. T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) • | Dry Bulb temperature | Amounts of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RRR | Wx | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Rangamati | 000 | 4 | 4 | 27 | 02 | 97 | 01 | 4 | 199 | 56 | 1 | 1 | 7 | 1 | 4 | 58 | // | — | — | 0.5 | — | 0.0 | — |
| Cox's Bazar | 000 | 0 | 0 | 05 | 06 | 96 | 02 | 0 | 177 | 67 | 0 | 0 | 9 | 0 | 0 | 61 | 59 | — 1 | + 3 | — | — | — | 140 |
| Chittagong | 000 | 0 | 4 | 05 | 03 | 96 | 03 | 0 | 186 | 64 | 0 | 0 | 9 | 0 | 4 | 56 | 56 | + 2 | + 1 | 1.2 | — 1.6 | 0.0 | 108 |
| Maijdee Court | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 2 | 200 | 68 | 2 | 1 | 5 | 0 | 0 | 55 | 56 | 0 | — 1 | 0.4 | — 1.5 | 0.0 | 112 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 125 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | + 1 | + 7 | 0.5 | — 1.2 | 0.0 | 194 |
| Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 78 |
| Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 150 | 63 | 0 | 0 | 9 | 3 | 0 | 52 | 53 | — | — | 2.2 | — | 0.7 | — |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 193 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | 45 | — 3 | — 2 | 1.5 | — | 0.1 | 90 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 199 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | 0 | 0 | 0.0 | — 0.9 | 0.0 | 91 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 2 | 189 | 72 | 3 | 6 | 6 | 2 | 1 | 59 | 56 | + 2 | + 1 | 1.5 | — 1.2 | 0.1 | 74 |
| Dacca (Tejgaon) | 000 | 0 | 4 | 00 | 00 | 96 | 05 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 2 | 58 | 52 | 0 | — | 1.3 | — | 0.1 | — |
| Faridpur | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 190 | 64 | 2 | 4 | 6 | 0 | 9 | 61 | 54 | 0 | + 2 | 2.1 | — 1.3 | 0.5 | 71 |
| Barisal | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 189 | 64 | 0 | 0 | 9 | 0 | 2 | 58 | // | 0 | — | 0.9 | — 1.7 | 0.0 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 197 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | + 4 | + 4 | — | — | — | 68 |
| Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — | | — | | 45 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 2 | 192 | 61 | 2 | 0 | 9 | 4 | 6 | 54 | 52 | — | — | 1.1 | — 1.1 | 0.0 | 65 |
| Pabna | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 190 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — | 1.1 | — | 0.0 | 59 |
| Sirajganj | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 193 | 61 | 0 | 0 | 9 | 0 | 0 | 58 | 52 | + 1 | — | 0.3 | — 0.9 | 0.0 | 64 |
| Rajshahi | 000 | 0 | 5 | 36 | 02 | 96 | 03 | 1 | 199 | // | 0 | 0 | 9 | 2 | 0 | 56 | 52 | — 1 | + 1 | 0.7 | — 0.7 | 0.0 | — |
| Bogra | 000 | 0 | 0 | 00 | 00 | 93 | 43 | 4 | 190 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 52 | 0 | 0 | — | — | — | 69 |
| Dinajpur | 000 | 0 | 4 | 00 | 00 | 96 | 00 | 0 | 200 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 52 | 0 | + 3 | 0.8 | — 0.6 | 0.0 | 78 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 183 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | 49 | + 2 | — 1 | 0.0 | — 0.6 | 0.0 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Intl.Rd.) | 000 | 0 | 8 | 00 | 00 | 95 | 02 | 0 | 213 | 53 | 4 | 5 | 9 | 2 | 0 | 49 | 43 | — 1 | + 3 | 0.0 | — 0.9 | 0.0 | 19 |
| Sialkot | | | | | | | | | | | | | | | | | | | | | | | 22 |
| Jhelum | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 2 | 209 | // | 5 | 5 | 6 | 0 | 0 | 41 | // | — | — | 0.1 | — | 0.0 | — |
| Islamabad | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | /// | 49 | / | / | / | / | / | 40 | 45 | — | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 210 | 47 | 2 | 5 | 6 | 4 | 8 | 45 | 40 | 0 | + 2 | 0.3 | — 1.9 | 0.2 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 03 | 97 | 01 | 2 | 199 | 39 | 0 | 0 | 9 | 0 | 0 | 36 | 38 | + 9 | — 3 | 0.0 | — 0.7 | 0.0 | 18 |
| Sargodha | 000 | 0 | 0 | 05 | 05 | 94 | 01 | 4 | 204 | 45 | 2 | 0 | 9 | 3 | 2 | 43 | 43 | — | — | 0.1 | — | 0.0 | — |
| Lyallpur | 000 | 0 | 5 | 05 | 03 | 95 | 02 | 0 | 203 | // | 5 | 4 | 8 | 0 | 0 | 42 | 42 | — 3 | + 2 | 0.0 | — 0.5 | 0.0 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 0 | 209 | 41 | 2 | 0 | 9 | 3 | 2 | 35 | 40 | — 1 | — 2 | 0.0 | — 0.4 | 0.0 | 7 |
| Laiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Khanpur | 000 | 0 | 0 | 18 | 02 | 94 | 05 | 2 | /// | 36 | 6 | 3 | 6 | 0 | 0 | 33 | 33 | — 4 | — 3 | 0.3 | — 0.2 | 0.0 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 2 | 205 | 58 | 2 | 0 | 9 | 0 | 0 | 41 | 57 | 0 | | | | | 6 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 96 | 00 | 2 | 195 | 43 | 7 | 0 | 9 | 1 | 0 | 40 | 41 | — | — | 0.0 | — | 0.0 | 8 |
| Chakdara | 000 | 0 | 7 | 00 | 00 | 97 | 01 | 2 | 204 | 43 | 1 | 5 | 6 | 3 | 0 | 41 | 42 | — 9 | + 1 | 0.1 | — | 0.1 | — |
| Peshawar | 000 | 0 | 7 | 00 | 00 | 93 | 10 | 2 | 209 | 43 | 7 | 0 | 9 | 7 | 0 | 28 | 43 | — | — | 0.7 | — 1.3 | 0.2 | 11 |
| Haripur | 000 | 0 | 4 | 36 | 03 | 97 | 03 | 2 | 273 | 47 | 7 | 0 | 9 | 7 | 0 | 40 | 45 | — | — | 0.9 | — | 0.0 | — |
| Bannu | 000 | 0 | 6 | 27 | 02 | 98 | 03 | 2 | 209 | 46 | 3 | 2 | 7 | 6 | 0 | 40 | 42 | — 5 | + 1 | 0.1 | — 0.4 | 0.1 | 9 |
| D. I. Khan | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 2 | 208 | 44 | 0 | 0 | 9 | 3 | 0 | 39 | 44 | — | — | 0.0 | — | 0.0 | 8 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 206 | 47 | 0 | 0 | 9 | 0 | 0 | 28 | 44 | — | — | | | | 3 |
| Nokkundi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Turbat | 000 | 0 | 0 | 05 | 07 | 96 | 03 | 0 | 187 | 59 | 1 | 0 | 9 | 3 | 0 | 53 | 56 | — 9 | — | 6.6 | — | 5.7 | 8 |
| Jiwani | 000 | 0 | 0 | 05 | 06 | 97 | 02 | 0 | 166 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | // | — | — | 2.5 | + 1.0 | 2.5 | 6 |
| Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 194 | 57 | 0 | 0 | 9 | 0 | 0 | 51 | // | — | — | 0.0 | — 0.9 | 0.0 | 6 |
| Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 9 | | | | | 8 |
| Karachi (Airport) | 003 | 9 | 0 | 36 | 03 | 96 | 01 | 2 | 198 | 51 | 0 | 0 | 9 | 0 | 0 | 42 | 50 | — | — | 0.1 | — | 0.1 | — |
| Nagarparker | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Chhor | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 190 | 53 | 0 | 0 | 9 | 0 | 0 | 47 | 49 | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 018 | 0 | 0 | 01 | 03 | 91 | 02 | 0 | 201 | 52 | 8 | 0 | 9 | 0 | 0 | 46 | 50 | — 15 | — 1 | 0.1 | — 0.8 | 0.1 | 8 |
| Badin | 000 | 0 | 4 | 36 | 04 | 96 | 03 | 0 | 188 | 56 | 0 | 0 | 9 | 8 | 4 | 46 | 50 | — 9 | + 3 | 0.0 | — 0.4 | 0.0 | — |
| Padidan | 003 | 0 | 3 | 31 | 03 | 96 | 02 | 5 | 200 | 48 | 3 | 0 | 9 | 7 | 0 | 46 | 45 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 002 | 9 | 3 | 31 | 02 | 96 | 03 | 0 | 205 | 47 | 0 | 0 | 9 | 3 | 0 | 44 | 45 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 003 | 0 | 8 | 31 | 02 | 95 | 05 | 4 | 197 | 52 | 0 | 0 | 9 | 0 | 0 | 48 | 51 | — | — | 0.0 | — | 0.0 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 5 | 196 | 51 | 0 | 0 | 9 | 0 | 0 | 42 | 49 | — 8 | + 4 | 0.1 | — 0.1 | 0.1 | 20 |
| Varavi | | | | | | | | | | | | | | | | | | | | | | | 26 |
| ALL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 36 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | — |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Minqar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Murree | | | | | | | | | | | | | | | | | | + 1 | + 6 | — | — | — | 18 |
| Drosh | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 2 | 539 | 40 | 4 | 5 | 6 | 2 | 0 | 25 | 38 | — | — 3 | 0.6 | — 2.1 | 0.0 | 29 |
| Chitral | 000 | 0 | 7 | 36 | 13 | 95 | 03 | 2 | 560 | 45 | 7 | 5 | 7 | 0 | 0 | 49 | 36 | 0 | — | 1.3 | — | 0.2 | — |
| Kakul | 000 | 0 | 0 | 05 | 03 | 97 | 01 | 2 | 526 | 43 | 2 | 5 | 6 | 3 | 0 | // | 38 | — | — | 0.9 | — | 0.1 | — |
| Landikotal | 000 | 0 | 6 | 36 | 02 | 98 | 03 | 6 | 608 | 40 | 6 | 7 | 6 | 0 | 0 | 33 | 33 | — 6 | — | | | | 29 |
| Prachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.0 | 0.0 | 18 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 510 | 47 | 8 | 0 | 9 | 0 | 0 | 32 | 40 | — | — | — | — | — | 11 |
| Wana | 000 | 0 | 4 | 00 | 00 | 98 | 02 | 0 | 514 | 40 | 1 | 3 | 5 | 0 | 0 | 36 | 40 | — 6 | — 7 | 0.0 | — 0.9 | 0.0 | 11 |
| Fort Sandeman | 000 | 0 | 4 | 13 | 02 | 97 | 01 | 2 | 510 | 36 | 2 | 5 | 7 | 3 | 0 | 28 | 23 | — | — | 0.0 | — | 0.1 | — |
| Hindubagh | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | /// | 30 | 8 | 3 | 4 | 0 | 0 | 18 | 19 | — | | | | | 9 |
| Loralai | | | | | | | | | | | | | | | | | | | | | | | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | — |
| Harnai | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 493 | 39 | 0 | 0 | 9 | 0 | 0 | // | 34 | — | — | 0.0 | — | 0.0 | 14 |
| Sibi | 000 | 0 | 6 | 31 | 02 | 96 | 02 | 0 | 493 | 44 | 0 | 0 | 9 | 0 | 0 | 40 | 42 | — | — | 0.0 | — 1.1 | 0.0 | 9 |
| Samungli (Quetta) | 021 | 8 | 0 | 00 | 00 | 95 | 01 | 6 | 532 | 39 | 5 | 5 | 6 | 3 | 0 | 38 | 36 | — | + 7 | 1.4 | — 0.6 | 0.7 | 8 |
| Chaman | 080 | 9 | 0 | 05 | 03 | 96 | 00 | 0 | 503 | 48 | 0 | 0 | 9 | 0 | 0 | 39 | 47 | + 5 | + 3 | 0.8 | — 1.6 | 0.8 | — |
| Nushki | 045 | 9 | 8 | 05 | 00 | 97 | 50 | 6 | 578 | 44 | 8 | 5 | 9 | 0 | 0 | 37 | 43 | — | — | 1.9 | — | 1.6 | 4 |
| Dalbandin | 011 | 8 | 1 | 05 | 02 | 98 | 10 | 6 | 520 | // | 1 | 1 | 6 | 0 | 0 | -0 | 41 | 0 | + 7 | 0.5 | — 0.6 | 0.3 | 7 |
| Kalat | 011 | 0 | 0 | 36 | 02 | 96 | 00 | 2 | 528 | 37 | 3 | 2 | 9 | 7 | 0 | 37 | 30 | + 9 | + 4 | 0.8 | — 0.9 | 0.8 | — |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 511 | 42 | 0 | 0 | 9 | 0 | 0 | 40 | 47 | — | — | 0.6 | — | 0.3 | 5 |
| Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

in Code.
stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.]
stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
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.
over 999 is given RRR and the summary above for the actual amounts of rainfall

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 14th JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| City of Stallbans ... ... | 99 2 42 | 10 6 64 | 13 0 63 | 70 9 26 | 97 0 31 | 13 1 68 | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 144 27 | ... | 500 094 // | 127 084 // | 581 290 29 | 752 205 // | 958 361 // | 225 585 // | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 016 120 20 | .. | 440 066 40 | 096 055 40 | 582 125 47 | 749 259 42 | 951 407 50 | 916 601 // | 391 689 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 015 150 56 | ... | 450 054 56 | ... | 667 171 // | 720 291 // | 930 401 // | 201 521 // | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 976 066 00 | ... | 440 036 23 | 028 045 24 | 550 187 // | 724 305 // | 922 455 // | 182 617 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 822 034 38 | ... | ... | 076 037 // | 567 169 // | 733 231 // | 937 361 // | ... | ... | ... | ... | ... | — |
| Sargodha ... | 00 00 | 996 074 56 | ... | 500 044 59 | 053 015 66 | 562 215 // | 723 315 // | 921 425 // | 189 531 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 132 // | 800 122 // | 600 /// // | 350 273 // | ... | ... | — | — | — | ... | — | — |
| Dacca ... | 00 09 | 900 091 37 | ... | 600 202 55 | 350 331 45 | ... | ... | — | ... | — | ... | — | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | ... | ... | — | ... | — | — | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | — |
| Quetta ... | 00 08 | 830 281 // | 600 091 // | 350 311 // | .. | ... | ... | — | ... | ... | ... | — | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | — | ... | — | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 225 10 | 225 12 | 265 13 | 280 19 | 265 19 | 200 23 | ... | — | ... |
| Bogra | 100 03 | 195 03 | 230 04 | 260 12 | 275 09 | | — | ... | — |
| Chaklala | ... | 035 05 | 105 03 | 095 09 | 105 09 | 105 12 | ... | ... | ... |
| Chhor | 030 08 | 060 07 | 055 07 | 225 06 | 245 12 | 240 18 | 240 23 | 225 26 | 220 35 |
| Chittagong | 210 10 | 205 09 | 200 09 | 240 29 | 250 28 | 230 12 | — | ... | .. |
| Cherat | ... | | ... | — | ... | ... | — | — | ... |
| Cox's Bazar | 218 10 | 200 23 | 340 08 | 310 05 | 285 13 | 285 16 | — | ... | .. |
| Dacca | 220 10 | 220 13 | 220 15 | 250 18 | 255 10 | 260 26 | ... | — | .. |
| Dalbandin | ... | | 185 07 | 185 10 | 295 17 | ... | | | ... |
| D. I. Khan | 035 01 | 060 01 | 305 01 | 325 03 | 300 03 | 205 04 | 215 13 | 220 17 | 225 24 |
| Drosh | — | ... | ... | 060 08 | 830 19 | 050 06 | 360 17 | 342 41 | ... |
| Fort Sandeman | ... | Ascent | ... | — | 270 01 | 260 12 | 320 19 | 340 20 | ... |
| Gilgit | ... | ... | .. | ... | — | ... | ... | — | ... |
| Ishurdi | 220 06 | 230 05 | 230 06 | 234 09 | 235 10 | ... | | ... | .. |
| Jacobabad | 340 07 | 011 03 | 020 05 | 095 09 | 105 05 | 240 15 | 235 18 | 250 27 | 260 17 |
| Jessore | 260 04 | 265 06 | 240 10 | 245 11 | 255 19 | 275 20 | ... | ... | ... |
| Jhelum | 296 05 | 310 07 | 310 06 | 099 15 | 125 07 | 125 07 | 270 15 | 268 23 | 256 29 |
| Jiwani | No | Ascent | — | ... | — | ... | ... | .. | — |
| Karachi | 070 21 | 070 18 | 080 13 | 145 09 | 200 09 | 220 17 | 230 30 | 225 35 | 230 39 |
| Khanpur | 040 13 | 035 21 | 031 25 | 021 51 | 035 21 | 130 10 | 220 12 | ... | — |
| Khuzdar | ... | ... | ... | — | ... | | | ... | |
| Lahore | 345 08 | 345 06 | 345 07 | 355 10 | 015 10 | 280 04 | 300 04 | 155 05 | 080 04 |
| Multan | 060 08 | 040 08 | 040 10 | 040 14 | 040 10 | 185 05 | 225 20 | | — |
| Nawab Shah | 040 07 | 055 06 | 065 06 | 160 01 | 230 10 | 245 20 | 235 31 | 245 45 | 250 49 |
| Nokkundi | — | .. | 170 11 | 175 07 | 215 14 | ... | ... | — | ... |
| Panjgur | — | .. | ... | — | ... | — | ... | .. | ... |
| Peshawar | — | 060 01 | 305 05 | 325 06 | 035 06 | 108 05 | 320 16 | 240 23 | 235 17 |
| Parachinar | ... | ... | — | 074 04 | 105 04 | 235 25 | 225 23 | ... | ... |
| Quetta | ... | .. | .. | ... | 160 08 | | ... | — | ... |
| Sargodha | 120 01 | 140 01 | 020 04 | 020 06 | 325 03 | 005 06 | 320 26 | 325 16 | 320 16 |
| Skardu | ... | ... | ... | 175 04 | 350 01 | 240 12 | 240 04 | 240 12 | 260 11 |
| Sylhet | 220 10 | 260 20 | ... | .. | ... | ... | ... | — | ... |
| Veraval | ... | ... | ... | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 000 07 | 000 08 | 065 04 | 060 04 | 030 09 | 015 16 |
| Bogra | No | Ascent | | | ... | ... |
| Chaklala | | 100 05 | 095 04 | 115 07 | | |
| Chhor | 025 17 | 003 80 | 300 15 | 255 30 | 345 35 | 220 44 |
| Chittagong | ... | ... | — | ... | ... | ... |
| Cherat | | | | | | |
| Cox's Bazar | 025 20 | 355 11 | 335 10 | 335 11 | 330 07 | 020 08 |
| Dacca | ... | ... | | | | |
| Dalbandin | | | 075 07 | 040 07 | 340 07 | 285 07 |
| D. I. Khan | 355 02 | 350 02 | 330 03 | | | |
| Drosh | ... | ... | ... | 190 01 | 090 01 | 025 03 |
| Fort Sandeman | ... | ... | ... | 041 02 | 320 21 | 315 15 |
| Gilgit | | | | | | |
| Ishurdi | 210 10 | 260 20 | 275 25 | 310 10 | 290 12 | 281 07 |
| Jacobabad | 290 05 | 305 04 | 280 03 | 165 02 | 255 07 | 130 07 |
| Jessore | 210 12 | 260 20 | 260 20 | 025 15 | | |
| Jhelum | 115 06 | 135 06 | 140 06 | 185 08 | 120 18 | 110 20 |
| Jiwani | 035 13 | 020 05 | 330 02 | 035 07 | 010 07 | 300 13 |
| Karachi | | | | | — | |
| Khanpur | 240 06 | 255 07 | 275 07 | 275 07 | | — |
| Khuzdar | | | | 345 06 | 325 17 | 300 21 |
| Lahore | 098 07 | 125 08 | 130 11 | 135 15 | 130 08 | |
| Multan | 045 12 | 112 01 | 130 02 | 333 12 | 375 13 | 275 18 |
| Nawab Shah | 325 10 | 345 09 | 045 09 | 280 16 | 290 12 | 305 19 |
| Nokkundi | ... | ... | 075 01 | 260 28 | 265 18 | 270 20 |
| Panjgur | — | | | | | |
| Peshawar | — | 135 02 | 070 02 | 240 09 | 210 12 | 210 16 |
| Parachinar | — | ... | ... | ... | .. | ... |
| Quetta | | | | | | |
| Sargodha | 205 04 | 125 01 | 015 01 | 220 06 | 280 06 | 285 08 |
| Skardu | | | | 300 01 | 345 03 | |
| Sylhet | 095 10 | 095 86 | 110 05 | 115 07 | 265 06 | 270 16 |
| Veraval | ... | ... | ... | — | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 340 02 | 350 12 | 350 05 | 340 05 | 325 08 | 280 10 | 275 25 | 280 20 | ... | — | ... |
| Bogra | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Chaklala | | 140 12 | 130 12 | 130 17 | 130 13 | ... | ... | ... | ... | ... | ... |
| Chhor | 050 11 | 035 11 | 010 10 | 330 11 | 266 13 | 285 19 | 275 31 | 275 43 | 275 25 | 280 55 | |
| Chittagong | 345 04 | 315 05 | 315 0 | 145 09 | 165 03 | 185 08 | 250 15 | 255 20 | 250 24 | 250 45 | 245 |
| Cherat | | | | | | | | | | | |
| Cox's Bazar | 340 04 | 295 04 | 285 06 | 265 06 | 210 07 | 175 13 | 190 10 | 050 03 | 280 15 | 270 27 | |
| Dacca | 330 06 | 335 04 | 335 04 | 270 03 | 340 04 | 295 11 | 295 21 | 290 30 | 273 13 | 260 36 | 240 |
| Dalbandin | | | 070 11 | 040 12 | 360 06 | 320 11 | 285 21 | 290 14 | 290 20 | 285 46 | 283 |
| D. I. Khan | 090 02 | 110 20 | 135 01 | 020 01 | 005 04 | 355 11 | 350 12 | 295 08 | 295 10 | 270 19 | 260 |
| Drosh | ... | ... | — | | | | | | | | |
| Fort Sandeman | ... | ... | .. | 285 02 | 135 01 | 140 05 | 255 10 | 260 14 | 260 25 | 270 25 | 250 |
| Gilgit | | | | | | | — | — | ... | ... | |
| Ishurdi | 290 06 | 285 04 | 285 05 | 315 03 | 310 10 | 315 16 | | | | | |
| Jacobabad | 315 05 | 305 04 | 305 03 | 350 03 | 030 08 | 005 05 | 280 25 | 270 29 | 275 34 | 275 50 | 285 |
| Jessore | 310 02 | 330 05 | 335 12 | 330 16 | 315 09 | 290 15 | 285 23 | ... | ... | ... | |
| Jhelum | 225 02 | 115 10 | 120 11 | 130 11 | 115 12 | | | | | | |
| Jiwani | 045 12 | 035 09 | 065 09 | 305 01 | 275 07 | 300 13 | 285 20 | 265 12 | 270 39 | 265 47 | 265 |
| Karachi | 055 08 | 075 06 | 025 08 | 085 28 | 335 06 | 295 17 | 285 07 | 273 37 | 280 46 | 275215 | 275 |
| Khanpur | 055 04 | 015 05 | 015 09 | 030 11 | 025 09 | 310 12 | 220 51 | 280 35 | 270 34 | 260 34 | 275 |
| Khuzdar | | | | | | — | — | — | ... | — | |
| Lahore | 035 03 | 060 08 | 065 10 | 095 13 | 110 09 | | | | ... | ... | |
| Multan | 235 15 | 100 15 | 090 12 | 080 09 | 080 11 | 085 12 | 340 14 | 330 35 | ... | | |
| Nawab Shah | 020 01 | 050 05 | 010 06 | 250 07 | 330 08 | 300 18 | 275 26 | 275 27 | 265 29 | 275 63 | 280 |
| Nokkundi | | | 230 04 | 310 02 | 270 05 | 320 12 | 300 15 | 280 29 | 275 21 | ... | |
| Panjgur | ... | | | | ... | ... | — | — | ... | ... | |
| Peshawar | ... | 310 01 | 280 03 | 333 05 | | | | | | | |
| Parachinar | — | ... | — | 340 03 | 175 04 | 260 12 | 210 01 | — | ... | ... | |
| Quetta | | | | | | 245 05 | | | | | |
| Sargodha | 140 04 | 195 05 | 195 03 | 080 03 | 095 05 | 210 03 | 260 11 | 275 13 | 240 27 | 245 13 | 240 |
| Skardu | | | | | | | | — | ... | — | |
| Sylhet | 060 05 | 005 03 | 110 02 | 180 05 | 270 07 | 240 08 | 245 12 | ... | ... | ... | |
| Veraval | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 015 03 | 035 03 | 160 18 | 160 19 | 810 17 | 225 17 | 245 18 | 270 42 | 175 49 | 260 61 | 260 63 | ... | ... | ... | ... | ... | — | - |
| 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.

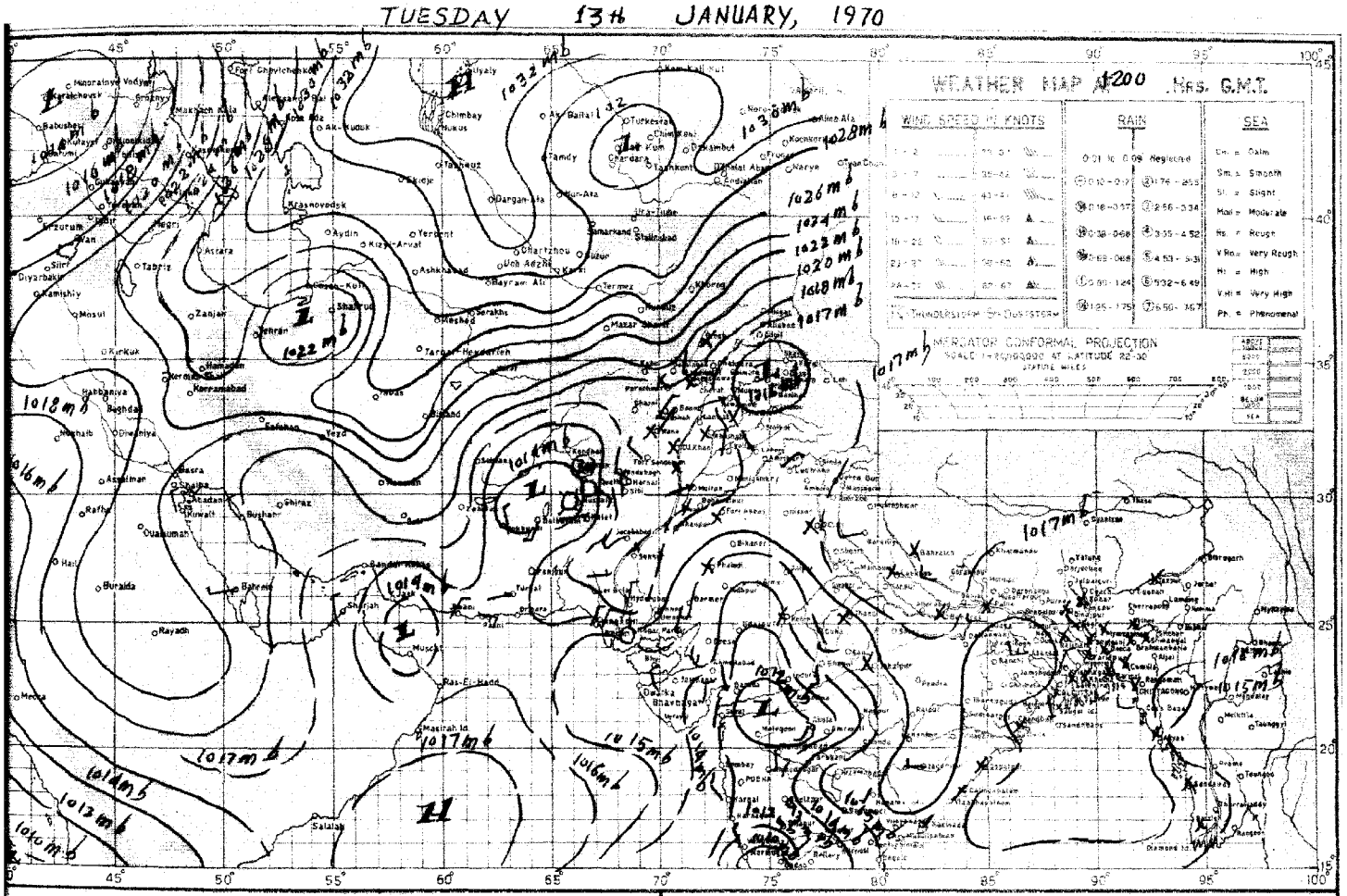
TT—Dry Bulb temperatures in °C

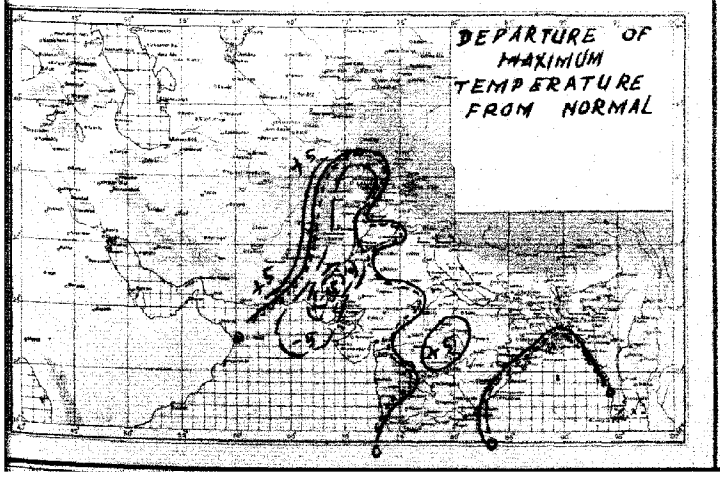
† The actual time of observations may vary within half an hour of the specified time.

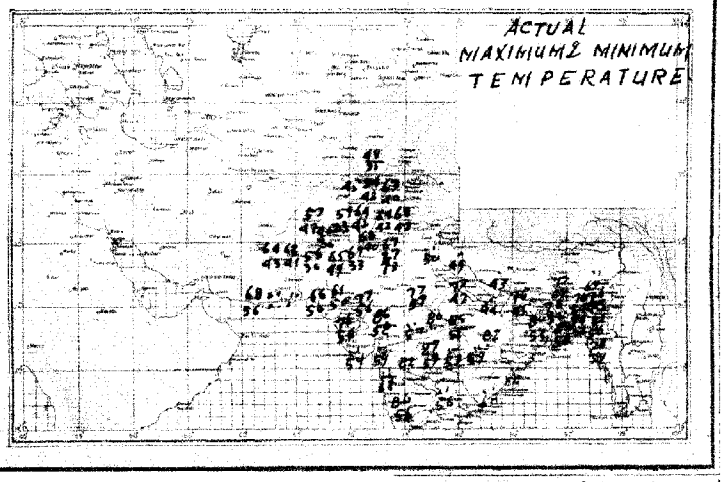
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

# PAKISTAN DAILY WEATHER MAP

TUESDAY 13th JANUARY, 1970

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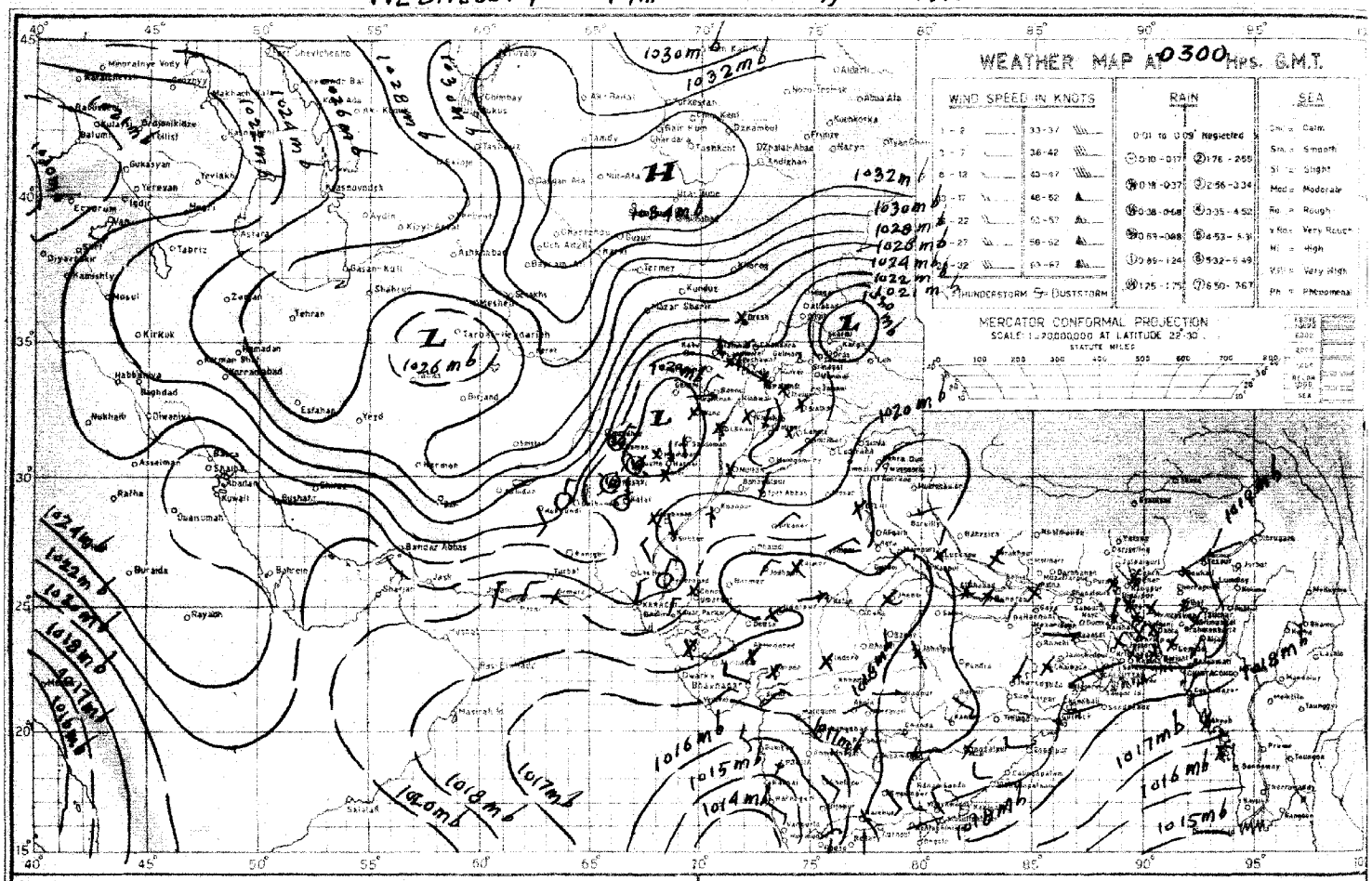
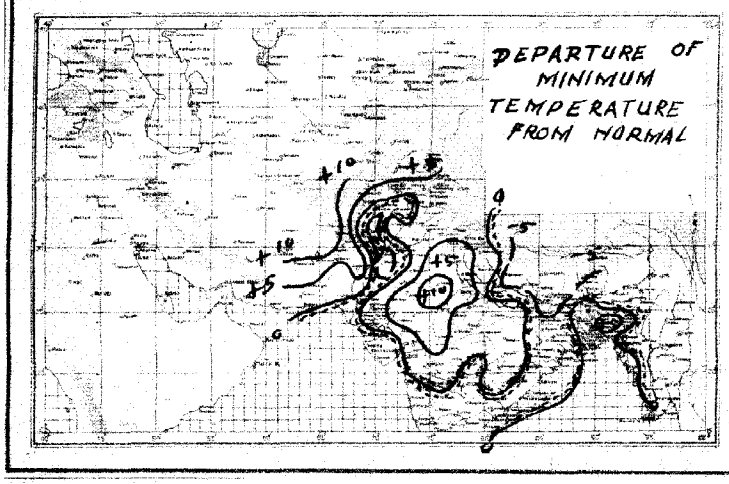
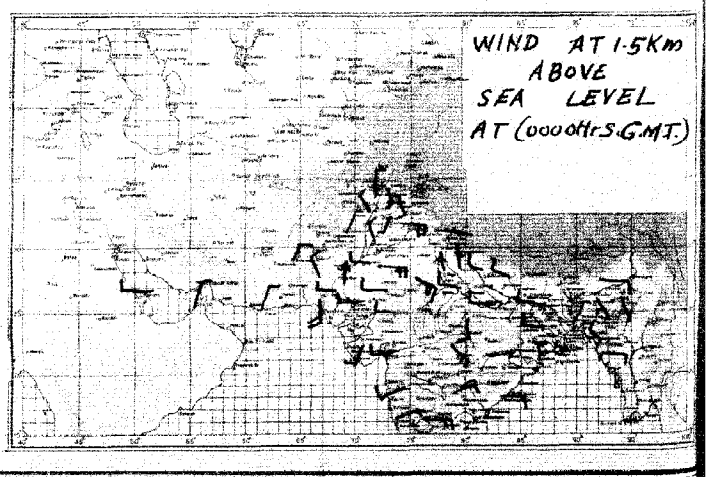
# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 14th JANUARY, 1970.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**THURSDAY THE 15th JANUARY 1970.**

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

Yesterday's secondary western disturbance over Quetta and D. I. Khan division now lies over Peshawar and Rawalpindi divisions. It has caused a few falls of light rain or snow over hills in Quetta and Peshawar divisions.

A shallow trough of low pressure lying over East Pakistan has caused a few light showers in Chittagong division.

Weather remained dry elsewhere over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in Chittagong, Rajshahi, Lahore, Sargodha, Quetta, Kalat and Khairpur divisions and were 3—4 °F (2 °C) below normal in Khulna and Multan divisions.

**Forecast valid until the evening of 16th January 1970 :—**Scattered thundershowers with snowfalls over the hills are likely to occur in Rawalpindi, Peshawar, Lahore and Sargodha divisions and in Kashmir. A few thunderstorm/showers are also likely to occur in Chittagong, Rajshahi and Dacca divisions. Weather is likely to remain dry elsewhere over the country.

.chi-11
15th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 1 | 18 | 02 | // | 01 | 0 | 151 | 77 | 1 | 1 | 7 | 0 | 0 | 58 | 82 |
| Cox's Bazar | 000 | 0 | 5 | 31 | 10 | // | 02 | 0 | 145 | 73 | 0 | 0 | 9 | 3 | 4 | 58 | 80 |
| Chittagong | 000 | 0 | 5 | 27 | 02 | // | 03 | 0 | 151 | 70 | 2 | 0 | 9 | 3 | 2 | 54 | 80 |
| Maijdee Court | 000 | 0 | 0 | 05 | 05 | 90 | 00 | 5 | 185 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 76 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 146 | 77 | 0 | 0 | 9 | 0 | 0 | 73 | 78 |
| Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 144 | 67 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 50 | 76 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 152 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 27 | 02 | 96 | 01 | 0 | 151 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Barisal | 000 | 0 | 2 | 00 | 00 | 94 | 02 | 2 | 155 | 59 | 2 | 1 | 5 | 0 | 0 | 56 | 76 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 148 | 73 | 0 | 0 | 9 | 0 | 0 | 73 | 80 |
| Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore | 000 | 0 | 2 | 34 | 02 | 97 | 02 | 1 | 155 | 68 | 2 | 0 | 9 | 3 | 0 | 54 | 76 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 179 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 144 | 49 | 0 | 0 | 9 | 0 | 0 | 50 | 76 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 2 | 30 | 02 | 95 | 02 | 2 | 189 | 60 | 1 | 0 | 9 | 9 | 1 | 47 | 64 |
| Sialkot | 000 | 0 | 5 | 00 | 00 | 98 | 00 | 0 | 170 | 50 | 0 | 0 | 9 | 0 | 0 | 38 | 62 |
| Jhelum | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 6 | 190 | 58 | 2 | 5 | 7 | 7 | 0 | 45 | 60 |
| Islamabad | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | /// | 58 | 3 | 0 | 7 | 4 | 0 | 41 | 58 |
| Rawalpindi | 000 | 0 | 0 | 09 | 02 | 98 | 02 | 2 | 180 | 58 | 0 | 0 | 9 | 6 | 0 | 45 | 67 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 189 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 67 |
| Sargodha | 000 | 0 | 0 | 09 | 03 | 97 | 01 | 0 | 182 | 63 | 1 | 1 | 6 | 0 | 0 | 47 | 67 |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 186 | 63 | 0 | 0 | 0 | 0 | 0 | 40 | 64 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 180 | 67 | 0 | 0 | 9 | 0 | 0 | 41 | 70 |
| Leiah | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 181 | 70 | 0 | 0 | 9 | 0 | 0 | 34 | 70 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 175 | 68 | 0 | 0 | 9 | 0 | 0 | 41 | 72 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 170 | 68 | 0 | 0 | 9 | 0 | 0 | 45 | 70 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 168 | 67 | 0 | 0 | 9 | 0 | 0 | 66 | 68 |
| Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 000 | 0 | 1 | 00 | 00 | 96 | 04 | 1 | 193 | 59 | 1 | 0 | 9 | 3 | 0 | 47 | 60 |
| Haripur | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 194 | 60 | 0 | 0 | 9 | 0 | 0 | 43 | 60 |
| Bannu | 000 | 0 | 1 | 13 | 02 | 99 | 01 | 1 | 184 | 64 | 0 | 0 | 9 | 2 | 0 | 38 | 67 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 184 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 68 |
| Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 176 | 74 | 0 | 0 | 9 | 0 | 0 | 62 | 75 |
| Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 186 | 62 | 3 | 0 | 9 | 0 | 4 | 37 | 63 |
| Turbat | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 45 | 74 |
| Jiwani | 000 | 0 | 2 | 18 | 05 | 97 | 02 | 0 | 175 | 72 | 2 | 5 | 6 | 0 | 0 | 59 | 74 |
| Pasni | 000 | 0 | 0 | 11 | 02 | 97 | 03 | 0 | 167 | 72 | 0 | 0 | 0 | 0 | 0 | 57 | 80 |
| Ormara | 000 | 0 | 2 | 27 | 05 | 96 | 02 | 2 | 172 | 71 | 1 | 0 | 6 | 0 | 0 | 59 | 72 |
| Lasbela | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 163 | 78 | 0 | 0 | 0 | 0 | 0 | 53 | 80 |
| Karachi (Manora) | 000 | 0 | 2 | 33 | 03 | 97 | 03 | 0 | 165 | 70 | 0 | 0 | 9 | 0 | 1 | 53 | 78 |
| Karachi (Airport) | 000 | 0 | 2 | 05 | 02 | 96 | 02 | 0 | 167 | 74 | 0 | 0 | 9 | 0 | 1 | 43 | 75 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 162 | 77 | 6 | 6 | 0 | 0 | 0 | 47 | 80 |
| Chhor | 000 | 0 | 0 | 36 | 09 | 96 | 02 | 0 | 157 | 75 | 0 | 0 | 9 | 0 | 0 | 44 | 77 |
| Hyderabad | 000 | 0 | 2 | 31 | 05 | 97 | 02 | 0 | 172 | 77 | 0 | 0 | 9 | 0 | 0 | 46 | 73 |
| Badin | 000 | 0 | 2 | 36 | 00 | 97 | 03 | 0 | 158 | 75 | 0 | 0 | 9 | 0 | 2 | 47 | 75 |
| Padidan | 000 | 0 | 1 | 36 | 03 | 96 | 01 | 0 | 176 | 50 | 1 | 0 | 9 | 3 | 0 | 42 | 71 |
| Nawabshah | 000 | 0 | 2 | 36 | 02 | 96 | 03 | 0 | 178 | 72 | 0 | 0 | 9 | 0 | 0 | 43 | 74 |
| Sukkur | 000 | 0 | 6 | 31 | 02 | 96 | 03 | 1 | 172 | 70 | 6 | 0 | 9 | 6 | 0 | 45 | 73 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 171 | 72 | 0 | 0 | 9 | 7 | 1 | 32 | 75 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | | | | | | | | | | | | | | | | | |
| Cherat | 000 | 0 | 0 | 13 | 05 | 98 | 03 | 2 | 520 | 51 | 0 | 0 | 9 | 0 | 0 | 18 | 54 |
| Kakul | 000 | 0 | 0 | 13 | 05 | 97 | 01 | 2 | 422 | 49 | 4 | 2 | 5 | 1 | 0 | 36 | 49 |
| andikotal | 000 | 0 | 6 | 36 | 02 | 98 | 03 | 6 | 622 | 52 | 4 | 7 | 4 | 0 | 0 | 42 | 59 |
| rachinar | 000 | 0 | 5 | 11 | 02 | 97 | 01 | 2 | 452 | 45 | 4 | 7 | 6 | 7 | 0 | 27 | 49 |
| iranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 482 | 59 | 0 | 0 | 9 | 0 | 0 | 41 | 60 |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ort Sandeman | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 503 | 54 | 4 | 4 | 7 | 3 | 0 | 31 | 56 |
| indubagh | 000 | 0 | 8 | 23 | 09 | 97 | 02 | 0 | /// | 47 | 8 | 2 | 3 | 0 | 0 | // | 49 |
| oralai | | | | | | | | | | | | | | | | | |
| rkhan | | | | | | | | | | | | | | | | | |
| arnai | 000 | 0 | 0 | 21 | 02 | 98 | 01 | 0 | 513 | 57 | 0 | 0 | 9 | 0 | 0 | // | 60 |
| mungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 499 | 57 | 0 | 0 | 9 | 0 | 0 | 32 | 64 |
| aman | 006 | 0 | 5 | 00 | 00 | 96 | 01 | 2 | 520 | 47 | 0 | 0 | 8 | 6 | 0 | 41 | 49 |
| shki | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 503 | 48 | 0 | 0 | 9 | 0 | 0 | 44 | 49 |
| lbandin | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 574 | 50 | 0 | 0 | 9 | 0 | 0 | 42 | 54 |
| lat | 000 | 0 | 5 | 05 | 03 | 98 | 03 | 0 | 537 | 57 | 0 | 0 | 9 | 6 | 0 | // | 57 |
| zdar | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 2 | 512 | 44 | 0 | 0 | 9 | 0 | 0 | 33 | 56 |
| jgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 2 | 36 | 02 | 97 | 41 | 4 | 194 | 62 | 1 | 1 | 6 | 0 | 0 | 59 | 59 | — | — | 1.5 | — | 0.0 | — |
| Cox's Bazar | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 170 | 62 | 0 | 0 | 9 | 3 | 4 | 58 | 58 | + 1 | + 3 | 0.6 | — 3.5 | 0.0 | 140 |
| Chittagong | 000 | 0 | 6 | 02 | 03 | 95 | 05 | 0 | 180 | 62 | 0 | 0 | 9 | 0 | : | 59 | 56 | + 1 | + 1 | 1.2 | — 1.7 | 0.0 | 108 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 179 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — 2 | — 1 | 0.3 | — 1.6 | 0.0 | 115 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 175 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | — 1 | + 7 | 0.5 | — 1.2 | 0.0 | 194 |
| Brahmanbaria | 000 | 0 | 0 | 03 | 02 | 97 | 00 | 0 | 178 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — | — | — | — | — | 78 |
| Sylhet | 008 | 0 | 0 | 05 | 09 | 56 | 02 | 0 | 176 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — | — | 2.2 | — | 0.7 | — |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 56 | 00 | 0 | 181 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 45 | — | — 2 | 1.6 | — 0.1 | 0.1 | 95 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 91 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 181 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 2 | + 1 | 1.4 | + 0.2 | 0.1 | 74 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 03 | 02 | 96 | 10 | 4 | 178 | 60 | 0 | 0 | 9 | 0 | 1 | 56 | 50 | — | — | 1.4 | — | 0.1 | — |
| Faridpur | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 181 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | — | — 1 | 2.1 | — 1.8 | 0.5 | 71 |
| Barisal | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 179 | 65 | 0 | 0 | 9 | 0 | 2 | 58 | 50 | — 1 | — 4 | 0.9 | — 0.9 | 0.0 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 180 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | + 2 | + 2 | 1.3 | — 0.0 | 0.0 | 68 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 185 | 60 | 0 | 0 | 0 | 0 | 0 | 54 | 51 | — | — 1 | 0.2 | — 1.9 | 0.0 | 65 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 179 | 59 | 0 | 0 | 9 | 0 | 2 | 54 | 49 | — | — | 1.3 | + 0.1 | 0.1 | 65 |
| Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 177 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | | — | 1.1 | — | 0.0 | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 233 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | 0 | — 1 | 0.4 | — 0.6 | 0.2 | 64 |
| Rajshahi | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 189 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | + 3 | 0.3 | — 0.3 | 0.0 | — |
| Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 181 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | — | — 1 | 1.3 | + 0.3 | 0.0 | 69 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | — | + 2 | 0.7 | — 0.2 | 0.0 | 72 |
| Rangpur | 000 | 0 | 0 | 05 | 02 | 96 | 03 | 0 | 185 | 50 | 0 | 0 | 9 | 0 | 0 | 54 | 47 | + 1 | — 3 | 1.5 | + 0.9 | 0.0 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 2 | 27 | 02 | 95 | 10 | 0 | 210 | 45 | 1 | 0 | 9 | 3 | 1 | 43 | 43 | — 5 | + 3 | 0.0 | — 0.9 | 0.0 | 19 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | | | | | 32 |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 1 | 199 | 43 | 3 | 0 | 9 | 3 | 1 | 40 | 43 | — | — | 0.1 | — | 0.0 | — |
| Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 193 | 40 | 4 | 0 | 9 | 0 | 7 | 40 | 40 | + 5 | + 2 | 0.3 | — 1.9 | 0.2 | 34 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | |
| Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 18 |
| Sargodha | 000 | 0 | 6 | 27 | 03 | 95 | 10 | 1 | 200 | 43 | 0 | 0 | 9 | 0 | 3 | 43 | 41 | — | — | 0.1 | — | 0.0 | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 203 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | — 3 | + 3 | 0.0 | — 0.5 | 0.0 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 0 | 00 | 00 | 93 | 12 | 4 | 210 | 43 | 0 | 0 | 9 | 0 | 1 | 40 | 38 | + 1 | — 4 | 0.0 | — 0.3 | 0.0 | 7 |
| Leiah | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 203 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 41 | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 6 |
| Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 6 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Chakdra | 000 | 0 | 3 | 23 | 02 | 98 | 03 | 1 | 183 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 58 | — | — | 0.1 | — | 0.1 | — |
| Peshawar | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 1 | 217 | 43 | 1 | 0 | 9 | 3 | 2 | 40 | 40 | — 3 | — 1 | 0.8 | — 0.7 | 0.2 | 11 |
| Haripur | 005 | 2 | 6 | 05 | 03 | 97 | 03 | 2 | 225 | 43 | 6 | 0 | 9 | 0 | 5 | 38 | 40 | — | — | 1.1 | — | 0.2 | — |
| Bannu | 000 | 0 | 8 | 31 | 02 | 98 | 03 | 0 | /// | 47 | 0 | 9 | 6 | 0 | 0 | 38 | 43 | — | — | 0.5 | — | 0.0 | 11 |
| D. I. Khan | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 213 | 45 | 4 | 0 | 9 | 3 | 0 | 40 | 43 | — 1 | + 2 | 0.1 | — 0.3 | 0.1 | 9 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 214 | 47 | 0 | 0 | 9 | 0 | 0 | 46 | 44 | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 238 | 42 | 0 | 0 | 9 | 0 | 0 | 35 | 40 | — | — | 0.0 | — | 0.0 | 3 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | /// | 59 | 0 | 0 | 9 | 0 | 0 | 45 | // | — | — | 0.3 | — | 0.3 | — |
| Jiwani | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 195 | 61 | 0 | 0 | 9 | 0 | 0 | 52 | 59 | — | — | 4.6 | — | 3.8 | 5 |
| Pasni | 000 | 0 | 0 | 29 | 03 | 97 | 01 | 0 | 178 | 55 | 0 | 0 | 0 | 0 | 0 | 49 | // | + 5 | — | 2.5 | + 0.9 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 3 | 190 | 62 | 1 | 8 | 6 | 0 | 0 | 57 | // | — | — | 0.5 | — 0.7 | 0.5 | 6 |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 197 | 61 | 0 | 0 | 9 | 0 | 0 | 49 | 59 | + 3 | + 2 | 0.3 | — 0.1 | 0.3 | 8 |
| Karachi (Airport) | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 194 | 53 | 0 | 0 | 9 | 0 | 1 | 43 | 47 | — | — | 0.1 | — | 0.1 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 194 | 63 | 6 | 6 | 6 | 0 | 0 | 43 | 63 | — | — | 0.0 | — | 0.0 | — |
| Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 191 | 49 | 0 | 0 | 9 | 0 | 0 | 37 | 96 | — | — | — | — | — | 7 |
| Hyderabad | 000 | 0 | 2 | 36 | 03 | 97 | 03 | 0 | 200 | 53 | 0 | 0 | 9 | 0 | 1 | 43 | 52 | — 3 | + 1 | 0.1 | — 0.8 | 0.1 | 9 |
| Badin | 000 | 0 | 2 | 36 | 02 | 96 | 03 | 0 | 188 | 50 | 0 | 0 | 9 | 0 | 2 | 41 | 47 | — | — | 0.0 | — 0.3 | 0.0 | — |
| Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 204 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 43 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 205 | 45 | 0 | 0 | 9 | 0 | 0 | 39 | 46 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 0 | 4 | 13 | 03 | 95 | 05 | 4 | 203 | 53 | 4 | 0 | 9 | 6 | 0 | 47 | 48 | — | — | 0.0 | — | 0.0 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 05 | 86 | 96 | 03 | 1 | 201 | 55 | 5 | 0 | 9 | 3 | 0 | 41 | 51 | — | + 8 | 0.1 | — 0.1 | 0.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 28 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Drosh | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Cherat | 001 | 0 | 0 | 05 | 07 | 98 | 00 | 0 | 533 | 43 | 0 | 0 | 9 | 0 | 0 | 32 | 38 | + 5 | + 1 | 0.6 | — 2.1 | 0.0 | — |
| Kakul | 000 | 0 | 4 | 05 | 03 | 97 | 03 | 1 | 523 | 40 | 1 | 0 | 9 | 4 | 0 | 35 | 38 | — | — | 1 3 | — | 0.2 | — |
| andikotal | 000 | 0 | 8 | 36 | 02 | 98 | 03 | 6 | 602 | 33 | 8 | 7 | 6 | 0 | 0 | 30 | 30 | — | — | 0.7 | — | 0.1 | 29 |
| rachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 13 |
| iranshah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — 2 | | | | 11 |
| Wana | 008 | 0 | 2 | 13 | 03 | 99 | 83 | 0 | 472 | 52 | 2 | 2 | 8 | 0 | 0 | 38 | // | | — | — | — | | 11 |
| ort Sandeman | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 0 | 518 | 38 | 2 | 5 | 7 | 3 | 0 | 30 | 37 | — 1 | — 7 | 0.2 | — 0.7 | 0.2 | — |
| indubagh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 18 | 20 | — | — | 0.7 | — | 0.5 | 9 |
| oralai | | | | | | | | | | | | | | | | | | — | | | | | — |
| rkhan | | | | | | | | | | | | | | | | | | — | — | | | | 14 |
| arnai | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 9 |
| mungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 481 | 45 | 0 | 0 | 9 | 0 | 0 | 36 | 42 | — | — | 1.0 | — 1.2 | 0.0 | 8 |
| aman | 006 | 5 | 1 | 00 | 00 | 96 | 03 | 1 | 541 | 33 | 5 | 4 | 6 | 0 | 0 | 33 | 32 | — | + 6 | 1.5 | — 0.5 | 0.8 | — |
| shki | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | /// | 44 | 0 | 0 | 9 | 0 | 0 | 44 | 42 | — | + 3 | 6.3 | + 3.7 | 6.3 | 4 |
| lbandin | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 576 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 40 | — | — | 1.3 | — | 1.1 | 7 |
| lat | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 1 | 519 | 35 | 1 | 0 | 9 | 4 | 0 | 33 | 35 | — | + 1 | 0.5 | — 0.7 | 0.4 | — |
| zdar | 000 | 0 | 0 | 18 | 02 | 48 | 00 | 2 | 544 | 31 | 0 | 0 | 9 | 0 | 0 | 36 | 32 | — | + 6 | 0.8 | — 0.9 | 0.8 | 8 |
| jgur | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 514 | 41 | 0 | 0 | 9 | 0 | 0 | 37 | 40 | — | — | 0.6 | — | 0.3 | — |

Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 15th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | $VV\ ww\ W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s\ a\ PP$ | $7RR\ t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| | | $P_oP_oP_o\ T_oT_oT_o\ D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 138 76 | ... | 450 114 37 | 139 064 27 | 581 055 27 | 750 229 14 | 954 399 25 | 221 589 // | 398 683 // | — | — | — | ... |
| Dacca ... | 00 00 | 016 180 57 | ... | 500 092 60 | 112 034 60 | 576 133 62 | 742 253 61 | 944 409 // | 208 579 // | 385 663 // | ... | — | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 015 150 60 | ... | 500 100 63 | 103 040 // | 575 101 // | 745 185 // | 953 335 // | 226 531 // | ... | ... | — | — | — |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 988 058 03 | ... | 450 030 14 | 043 063 // | 560 217 21 | 722 305 24 | 901 473 // | 177 613 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 822 016 47 | ... | ... | 861 081 // | 559 241 // | 717 385 // | 909 535 // | ... | ... | ... | ... | — | — |
| Sargodha ... | 00 00 | 988 084 57 | ... | 500 040 56 | 066 020 60 | 562 205 // | 724 305 // | 923 425 // | 192 521 // | — | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | $P_mP_mP_m\ d_md_m\ f_mf_mf_m$ | $P_tP_tP_tT_tT_tT_{at}$ | $d_td_t\ f_tf_t$ |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 990 148 00 | 800 186 29 | 600 025 16 | 350 305 19 | ... | ... | — | — | — | ... | — | — |
| Dacca ... | 00 00 | 900 098 59 | 800 088 60 | 600 055 61 | 350 329 59 | ... | ... | ... | ... | ... | ... | — | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | — | — | ... | — | — | — | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 019 // | 600 165 // | 350 445 // | .. | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T.† of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 |
| Barisal ... | 270 08 | 270 16 | 275 25 | 310 06 | ... | ... | ... | — | ... | 020 08 | 015 05 | 330 06 | 325 13 | 325 19 | .. | 340 03 | 320 02 | 320 11 | 325 22 | 335 23 | 350 22 | 360 31 | 015 31 | ... | — |
| Bogra ... | ... | ... | | | | | — | ... | — | 045 13 | 050 06 | 045 07 | 315 13 | 315 31 | 280 21 | 270 02 | 040 01 | 040 04 | 320 19 | 285 23 | 255 38 | 260 34 | 260 12 | 255 45 | ... |
| Chaklala ... | ... | 140 06 | 145 05 | 065 06 | 050 07 | 020 08 | ... | ... | ... | | 300 02 | 170 02 | 050 06 | | ... | | 260 06 | 350 02 | 260 02 | 085 04 | | | ... | | |
| Chhor ... | 015 05 | 015 09 | 020 09 | 005 06 | 270 07 | 290 18 | 275 32 | 275 49 | 270 49 | 060 27 | 055 24 | 050 22 | 035 13 | 025 04 | 300 15 | 060 16 | 045 29 | 040 23 | 055 17 | 030 14 | 050 16 | 280 23 | 270 45 | 165 47 | 295 60 |
| Chittagong ... | ... | ... | — | ... | ... | ... | — | ... | — | ... | — | — | ... | ... | ... | 025 07 | 025 04 | 025 03 | 235 07 | 305 12 | 270 16 | 260 37 | 255 31 | 295 36 | 245 71 |
| Cherat ... | ... | ... | ... | ... | | ... | — | — | ... | | ... | ... | | ... | ... | ... | ... | — | ... | ... | ... | ... | .. | ... | ... |
| Cox's Bazar ... | 305 11 | 300 11 | 270 08 | 205 07 | 155 04 | 090 04 | ... | ... | .. | 025 08 | 030 03 | 078 31 | 105 03 | 165 05 | 180 07 | 020 07 | 045 04 | 055 04 | 135 02 | 165 03 | 125 11 | | | — | — |
| Dacca ... | 280 08 | 320 08 | 350 07 | 320 02 | ... | ... | ... | — | .. | 050 04 | 340 03 | 285 03 | | | — | 300 05 | 310 06 | 290 06 | 320 15 | 330 26 | 275 19 | 260 27 | 270 13 | — | ... |
| Dalbandin ... | — | ... | 115 04 | 015 04 | 355 06 | 040 13 | 290 30 | 285 35 | 285 42 | ... | ... | 065 05 | 040 08 | 335 07 | 315 09 | — | | 075 08 | 060 05 | 350 02 | 320 08 | 295 16 | 285 19 | 280 12 | 273 33 |
| D. I. Khan ... | 055 01 | 065 03 | 065 02 | 065 04 | 030 09 | 360 11 | 335 11 | 300 15 | 290 15 | 045 06 | 088 05 | 110 06 | 230 03 | 250 51 | 210 41 | 300 04 | 315 05 | 335 05 | 005 06 | 015 06 | 315 05 | 295 10 | 225 17 | 200 08 | 295 27 |
| Drosh ... | — | ... | ... | 235 04 | 175 04 | 225 11 | — | — | ... | — | ... | ... | 075 01 | 105 01 | 010 01 | ... | ... | — | | | | | ... | — | ... |
| Fort Sandeman ... | — | ... | ... | 300 05 | 270 09 | 300 10 | 290 18 | ... | ... | — | ... | ... | 040 06 | 345 03 | 010 03 | ... | — | — | 320 07 | 250 03 | 260 12 | 275 12 | — | ... | ... |
| Gilgit ... | ... | ... | ... | — | — | ... | ... | ... | ... | ... | ... | | 080 02 | 060 03 | 105 02 | ... | | | | | ... | ... | — | ... | ... |
| Ishurdi ... | ... | ... | | — | — | ... | | ... | .. | 300 02 | 030 02 | 350 05 | 305 09 | 285 13 | 320 20 | 305 03 | 305 04 | 310 06 | 320 13 | 335 29 | ... | ... | — | ... | ... |
| Jacobabad ... | 255 02 | 210 02 | 210 05 | 020 07 | 010 08 | 205 06 | 290 22 | 310 28 | 290 03 | 100 08 | 125 05 | 160 03 | 180 04 | 330 04 | 330 03 | 305 08 | 128 07 | 120 01 | 250 02 | 250 02 | 285 06 | | | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 005 05 | 355 05 | 325 10 | 339 21 | 340 24 | 340 24 | 315 03 | 305 07 | 305 13 | 320 20 | 330 30 | 305 21 | 260 23 | 270 43 | 270 36 | — |
| Jhelum ... | 320 02 | 340 04 | 030 05 | 055 07 | 015 04 | 150 07 | 265 19 | | — | 325 12 | 005 07 | 030 06 | 105 12 | 130 08 | 205 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 235 03 | 125 03 | 065 03 | 345 09 | 285 15 | 265 34 | 295 14 | 265 56 | 265 42 | 010 11 | 005 15 | 010 16 | 015 07 | 075 02 | 160 04 | 060 08 | 065 07 | 065 04 | 065 02 | 325 10 | 295 19 | 330 22 | 280 17 | 280 72 | 285 71 |
| Karachi ... | 060 04 | 068 06 | 050 07 | 085 06 | 030 07 | 295 07 | 275 15 | 280 21 | 270 26 | ... | ... | | | — | ... | 050 17 | 045 11 | 045 10 | 035 01 | 035 13 | 335 12 | 295 25 | 220 29 | 220 24 | — |
| Khanpur ... | 030 11 | 020 11 | 020 09 | 050 15 | 355 13 | 350 19 | 310 28 | 295 39 | 285 42 | 075 07 | 028 12 | 080 15 | 055 09 | 025 13 | 330 25 | 090 06 | 065 12 | 050 13 | 040 10 | 020 19 | 035 26 | 345 34 | 355 21 | 005 18 | 040 13 |
| Khuzdar ... | | | ... | 275 07 | 305 08 | 335 13 | 290 25 | 280 37 | 280 36 | ... | | | 165 05 | 210 04 | 310 05 | | | | 190 02 | 210 03 | 280 14 | 280 23 | 300 14 | 260 31 | 260 31 |
| Lahore ... | 025 07 | 020 14 | 020 13 | 331 01 | 320 08 | 345 11 | 325 11 | 270 10 | | 335 10 | 335 13 | 335 11 | 345 04 | 350 09 | 320 07 | 325 07 | 305 18 | 200 09 | 305 06 | 240 03 | 170 03 | 180 03 | 180 03 | 200 04 | 315 08 |
| Multan ... | 065 20 | 060 09 | 055 09 | 010 09 | 350 16 | 350 32 | 305 15 | 300 25 | 300 39 | 095 09 | 075 12 | 065 11 | 356 01 | 330 02 | 340 34 | | | | | | | | | | |
| Nawab Shah ... | 345 04 | 340 03 | 020 05 | 010 08 | 005 09 | 310 14 | 275 27 | 275 38 | 270 42 | 068 15 | 060 11 | 025 11 | 060 09 | 025 10 | 065 11 | 060 07 | 035 10 | 040 10 | 020 07 | 055 09 | 335 12 | 260 27 | 265 35 | 265 44 | .. |
| Nokkundi ... | — | .. | 180 01 | 280 02 | 340 02 | 290 13 | 280 14 | — | — | ... | ... | 060 06 | 195 03 | 240 03 | 280 10 | .. | | 085 13 | 135 05 | 255 10 | 305 05 | 290 23 | 280 34 | 280 27 | ... |
| Panjgur ... | — | | | | | | | | ... | ... | | ... | | ... | | ... | | | | | | | | — | ... |
| Peshawar ... | .. | 035 05 | 015 04 | 330 02 | 085 06 | 280 04 | 260 15 | 265 22 | 255 24 | .. | 250 04 | 010 03 | 330 11 | 345 04 | 335 06 | ... | 180 04 | 300 06 | 320 12 | 320 08 | 240 04 | 255 08 | . | ... | ... |
| Parachinar . | ... | ... | — | 331 03 | 130 02 | 245 03 | ... | ... | ... | — | .. | ... | 205 03 | 180 01 | ... | ... | ... | — | 090 03 | 125 03 | 245 21 | 245 20 | 260 12 | 250 05 | ... |
| Quetta . | ... | | | ... | 310 06 | .. | ... | ... | ... | ... | | | ... | | ... | | | | | 235 01 | 285 08 | 275 16 | 285 23 | 240 23 | 255 23 |
| Sargodha ... | 070 04 | 075 06 | 080 04 | 100 02 | 015 06 | 315 08 | 300 16 | 285 21 | 290 37 | 300 08 | 345 10 | 355 11 | 355 12 | 005 10 | 335 10 | 320 06 | 045 02 | 040 06 | 040 09 | 010 06 | 025 18 | 230 09 | 280 24 | 265 31 | 275 30 |
| Skardu ... | ... | ... | — | ... | ... | ... | — | ... | — | ... | | ... | 300 01 | 350 03 | | ... | ... | | | | | ... | — | ... | — |
| Sylhet ... | .. | ... | — | - | ... | ... | .. | — | ... | 095 06 | 105 03 | 070 02 | 220 06 | 255 15 | 280 19 | 100 02 | 100 13 | 125 03 | 140 04 | 275 26 | 295 21 | 260 43 | ... | — | ... |
| Veraval ... | ... | ... | .. | ... | ... | — | — | ... | ... | ... | ... | ... | — | ... | — | | ... | — | ... | ... | — | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Chittagong ... | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | |
| Karachi ... | 015 14 | 050 14 | 035 12 | 025 10 | 020 14 | 350 11 | 255 25 | 265 34 | 245 41 | 255 60 | 260 77 | ... | — | ... | ... | — | — |
| Multan ... | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

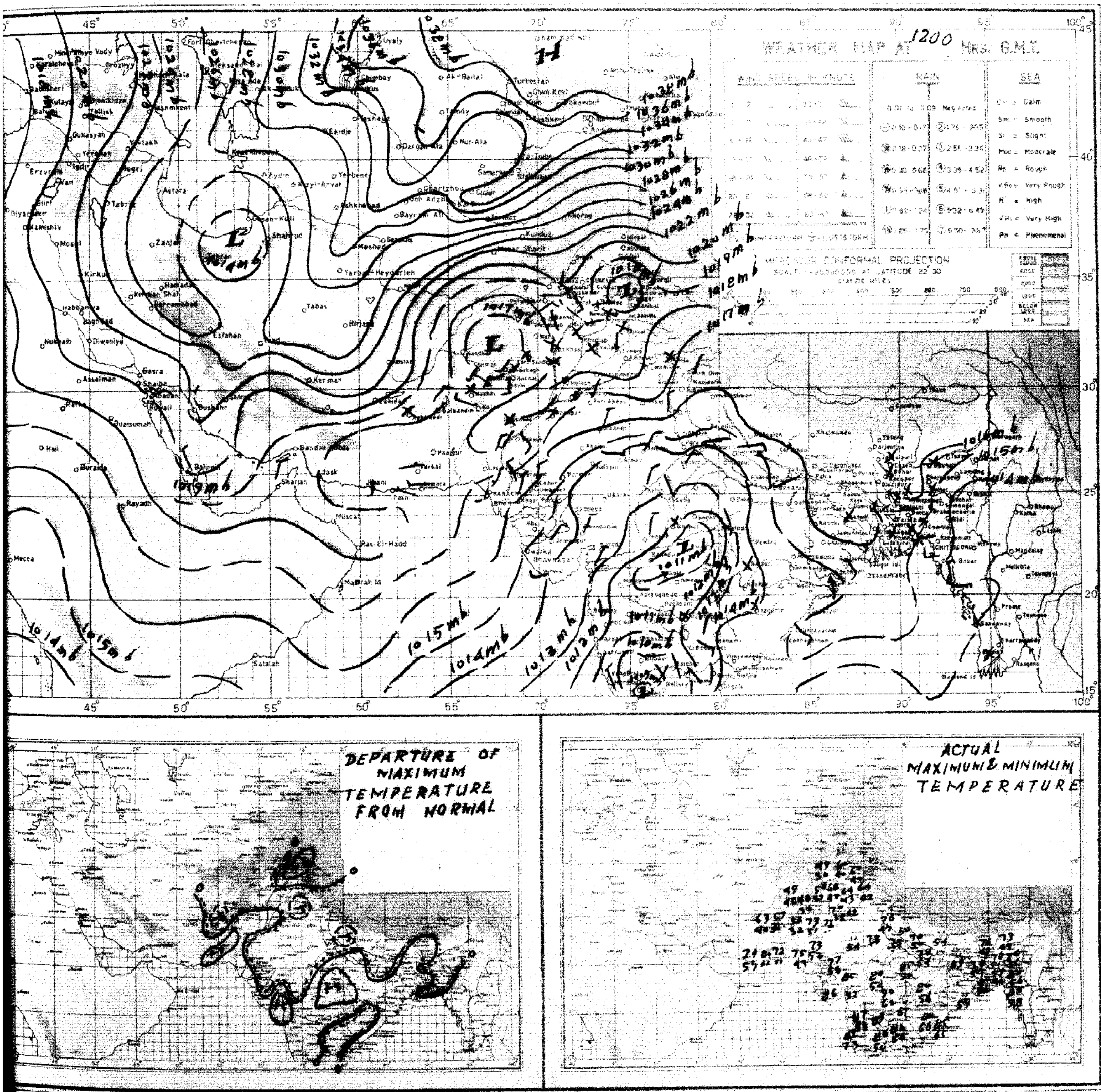
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

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

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

# PAKISTAN DAILY WEATHER MAP

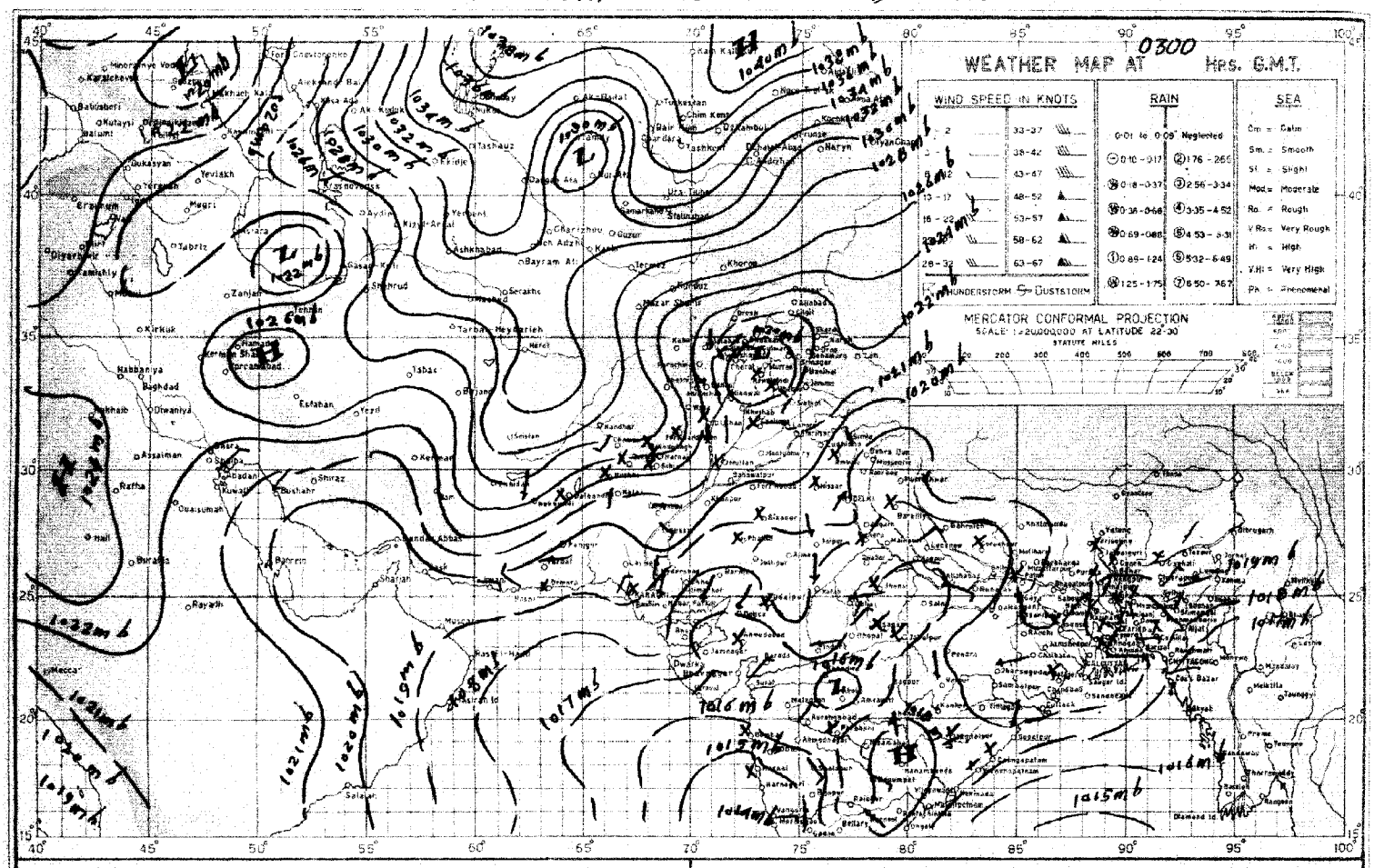
WEDNESDAY 14th JANUARY, 1970

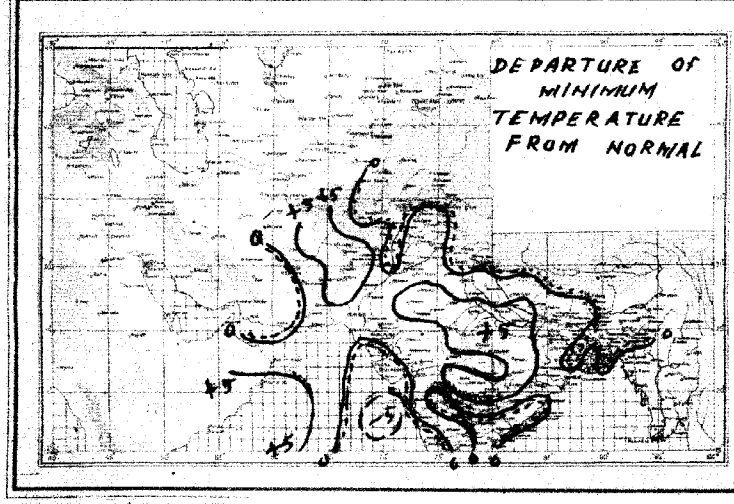


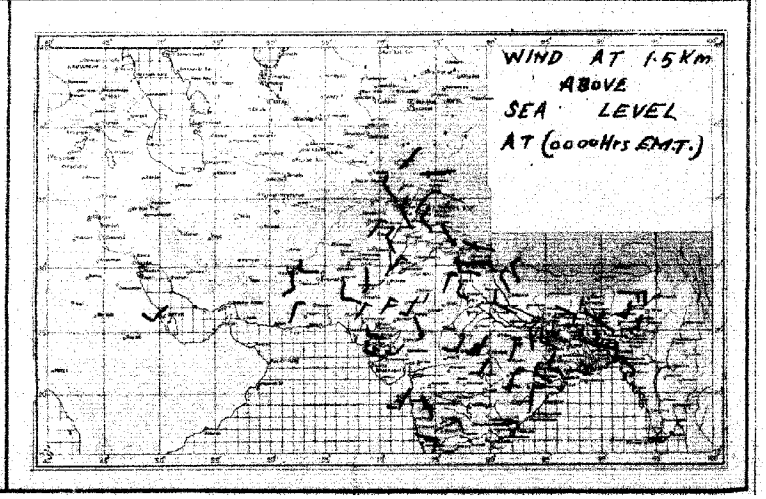

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

THURSDAY 15th JANUARY 1970



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Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 16th JANUARY 1970.**

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

Yesterday's western disturbance over Peshawar and Rawalpindi divisions moved away eastwards.

A shallow trough of low pressure lies over Kalat division. The shallow trough of low pressure over East Pakistan is moving eastwards.

Weather remained dry over the country.

Night temperatures were 3—4 °F (2 °C) below normal in Sargodha, Multan and Bahawalpur divisions and were 3—8 °F (2—4 °C) above normal in Peshawar, Quetta, Kalat, Khairpur divisions and in East Pakistan outside Dacca division.

**Forecast valid until the evening of 17th January 1970 :—** Thunderstorm/showers will be scattered in Rajshahi and Chittagong divisions. A few thunderstorms may also occur in Peshawar, Rawalpindi divisions and Kashmir. Weather will remain dry elsewhere over the country.

Karachi-11
The 16th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Ws) | Total cloud amount (N) | Wind direction in cents of degrees (dd) | Winds speed in Knots (ff) | Horizontal visibility† (VV) | Present weather † (ww) | Past weather (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature * (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature °F (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Ws) | Total cloud amount (N) | Wind direction in cents of degrees (dd) | Wind speed in knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past Weather (W) | Sea level pressure (mbs. and tenths) * (PPP) | Dry Bulb temperature (TT) | Amounts of Lowest Cloud † (h) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Minimum temperature (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum Temperature (TnTn) | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | — | 000 | 0 | 2 | 23 | 02 | // | 01 | 4 | 142 | 76 | 2 | 3 | 7 | 0 | 0 | 58 | 80 | 000 | 5 | 5 | 05 | 02 | 97 | 40 | 4 | 183 | 64 | 2 | 1 | 7 | 4 | 1 | 59 | 59 | — | — | 1.6 | — | 0.0 | — |
| | Cox's Bazar | — | 000 | 0 | 6 | 31 | 06 | // | 02 | 2 | 130 | 73 | 0 | 0 | 9 | 3 | 2 | 59 | 80 | 000 | 0 | 4 | 16 | 03 | 97 | 01 | 2 | 165 | 61 | 2 | 0 | 9 | 3 | 1 | 58 | 59 | + 1 | + 3 | 0.7 | — 3.6 | 0.0 | 140 |
| | Chittagong | — | 000 | 0 | 6 | 27 | 02 | // | 02 | 2 | 141 | 70 | 0 | 0 | 9 | 0 | 4 | 56 | 77 | 000 | 0 | 4 | 05 | 02 | 95 | 03 | 0 | 169 | 62 | 0 | 0 | 9 | 0 | 2 | 56 | 56 | — 1 | + 1 | 1.3 | — 1.6 | 0.0 | 108 |
| | Maijdee Court | — | 000 | 1 | 0 | 36 | 02 | // | 00 | 0 | 141 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 77 | 000 | 0 | 6 | 13 | 13 | 96 | 03 | 2 | 178 | 67 | 0 | 4 | 9 | 0 | 0 | 62 | 51 | — 2 | — 7 | 0.4 | — 1.5 | 0.0 | 112 |
| | Comilla | — | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 136 | 76 | 0 | 0 | 9 | 0 | 1 | 72 | 77 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 166 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 59 | — 2 | + 6 | 0.5 | — 1.2 | 0.0 | 194 |
| | Brahmanbaria | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 145 | 72 | 0 | 0 | 9 | 0 | 0 | 63 | 77 | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 1 | 171 | 62 | 0 | 0 | 9 | 0 | 4 | 60 | 56 | — | — | 1.3 | — 0.1 | 0.0 | 78 |
| | Sylhet | — | 000 | 0 | 0 | 00 | 00 | // | 01 | 0 | 140 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 76 | 000 | 0 | 6 | 09 | 05 | 96 | 02 | 0 | 168 | 62 | 0 | 0 | 9 | 3 | 0 | 46 | 56 | — | — | 2.3 | — | 0.7 | — |
| | Srimangal | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 134 | 59 | 0 | 0 | 9 | 0 | 0 | 59 | 72 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 172 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 47 | — 9 | — 1 | 1.6 | — 1.0 | 0.1 | 98 |
| Dacca | Mymensingh | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 149 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 76 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | — | ... | ... | ... | ... |
| | Narayanganj | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 145 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 78 | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 1 | 169 | 64 | 2 | 6 | 6 | 3 | 1 | 56 | 56 | 0 | + 1 | 1.4 | + 0.2 | 0.1 | 74 |
| | Dacca (Tejgaon) | — | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 141 | 70 | 0 | 0 | 9 | 0 | 1 | 58 | 74 | 000 | 0 | 6 | 00 | 00 | 96 | 05 | 0 | 171 | 64 | 1 | 0 | 9 | 4 | 1 | 56 | 54 | — | — | 1.4 | — | 0.1 | — |
| | Faridpur | — | ... | .. | .. | ... | ... | ... | ... | .. | ... | ... | .. | .. | .. | ... | .. | ... | ... | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 177 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 51 | | — 2 | 2.1 | — 0.7 | 0.5 | 71 |
| Khulna | Barisal | — | 000 | 0 | 6 | 00 | 00 | 94 | 03 | 2 | 143 | 68 | 2 | 5 | 5 | 0 | 4 | 58 | 77 | 000 | 0 | 6 | 00 | 00 | 96 | 01 | 2 | 170 | 64 | 2 | 5 | 5 | 0 | 2 | 59 | 56 | 0 | + 1 | 0.9 | — 0.9 | 0.0 | 81 |
| | Khulna | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 140 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 80 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 165 | 69 | 0 | 0 | 9 | 0 | 0 | 62 | 59 | + 2 | + 4 | 1.4 | — 8.0 | 0.0 | 48 |
| | Satkhira | — | 000 | 0 | 1 | 00 | 00 | 96 | 00 | 0 | 143 | 70 | 1 | 1 | 6 | 0 | 0 | 51 | 77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | — | ... | ... | ... | 45 |
| | Jessore | — | 000 | 0 | 3 | 34 | 02 | 98 | 01 | 1 | 138 | 72 | 0 | 0 | 9 | 0 | 1 | 58 | 73 | 000 | 0 | 4 | 31 | 05 | 95 | 10 | 4 | 167 | 60 | 2 | 0 | 9 | 7 | 7 | 56 | 51 | — | — | 1.3 | + 0.1 | 0.2 | 48 |
| Rajshahi | Pabna | — | 000 | 0 | 4 | 00 | 00 | // | 03 | 0 | 141 | 70 | 0 | 0 | 9 | 0 | 5 | 56 | 76 | 000 | 0 | 2 | 05 | 02 | 97 | 03 | 0 | 171 | 60 | 0 | 0 | 9 | 0 | 3 | 57 | 56 | — | — | 1.1 | — | 0.0 | 59 |
| | Sirajganj | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 151 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 73 | 000 | 0 | 2 | 00 | 00 | 98 | 02 | 2 | 174 | 64 | 2 | 2 | 6 | 0 | 0 | 56 | 56 | — 3 | + 4 | 0.4 | — 0.5 | 0.2 | 64 |
| | Rajshahi | — | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 143 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 76 | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 1 | 180 | 64 | 0 | 0 | 9 | 2 | 0 | 56 | 56 | — 1 | + 5 | 0.3 | — 0.4 | 0.0 | — |
| | Bogra | — | 000 | 0 | 0 | 00 | 00 | // | 03 | 0 | 134 | 67 | 0 | 0 | 9 | 0 | 0 | 54 | 77 | 000 | 0 | 5 | 00 | 00 | 96 | 05 | 1 | 174 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | + 1 | + 4 | 1.3 | + 0.4 | 0.0 | 60 |
| | Dinajpur | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 151 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 76 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 182 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | 0 | + 2 | 0.0 | + 0.2 | 0.0 | 78 |
| | Rangpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 140 | 56 | 0 | 0 | 9 | 0 | 0 | 51 | 77 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 185 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 47 | + 2 | — 3 | 1.5 | + 0.9 | 0.0 | 84 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 3 | 00 | 00 | 95 | 05 | 0 | 146 | 64 | 2 | 0 | 9 | 3 | 1 | 45 | 67 | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 0 | 181 | 45 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | — 2 | + 2 | 0.0 | — 1.0 | 0.0 | 19 |
| | Sialkot | — | ... | ... | ... | ... | ... | .. | .. | ... | ... | .. | .. | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 150 | 49 | 0 | 0 | 9 | 0 | 0 | 46 | 11 | — | / | 0.0 | — 1.7 | 0.0 | 28 |
| Rawalpindi | Jhelum | — | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 144 | 67 | 0 | 0 | 9 | 0 | 5 | 43 | 70 | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 179 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | — | — | 0.1 | — | 0.0 | — |
| | Islamabad | — | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | /// | 58 | 4 | 6 | 6 | 5 | 0 | 43 | 60 | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | /// | 43 | 4 | 0 | 7 | 0 | 0 | 40 | 43 | — | — | 0.1 | — | 0.1 | — |
| | Rawalpindi | — | 000 | 0 | 7 | 27 | 02 | 98 | 02 | 2 | 160 | 55 | 0 | 0 | 9 | 6 | 0 | 41 | 73 | 000 | 0 | 1 | 00 | 00 | 96 | 00 | 2 | 166 | 41 | 0 | 0 | 9 | 0 | 3 | 40 | 40 | + 10 | + 1 | 0.4 | — 2.0 | 0.2 | 36 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | — | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 0 | 142 | 63 | 0 | 0 | 9 | 5 | 0 | 51 | 67 | 000 | 0 | 8 | 00 | // | 97 | 02 | 0 | 223 | // | 0 | 0 | 9 | 0 | 0 | 35 | 38 | — 2 | — 4 | 0.0 | — 0.7 | 0.0 | 18 |
| | Sargodha | — | 000 | 0 | 5 | 00 | 00 | 90 | 01 | 1 | 151 | 67 | 0 | 0 | 9 | 0 | 1 | 47 | 68 | 000 | 0 | 1 | 00 | 00 | 94 | 10 | 0 | 170 | 40 | 0 | 0 | 9 | 0 | 1 | 40 | 38 | — | — | 0.1 | — | 0.0 | — |
| | Lyallpur | — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 151 | 64 | 0 | 0 | 9 | 0 | 0 | 40 | 67 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 172 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | 0 | 0 | 0.0 | — 0.5 | 0.0 | 12 |
| Multan | Sahiwal | — | 000 | 0 | 3 | 05 | 02 | 97 | 02 | 0 | 155 | 68 | 2 | 0 | 9 | 3 | 1 | 41 | 72 | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | 174 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | + 3 | — 4 | 0.0 | — 0.4 | 0.0 | 19 |
| | Multan | — | 000 | 0 | 0 | 36 | 00 | 99 | 00 | 0 | 168 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 70 | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| | Lyah | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 145 | 68 | 0 | 0 | 9 | 0 | 0 | 41 | 69 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 173 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 38 | — 3 | — 3 | 0.3 | — 0.0 | 0.0 | 6 |
| | Bahawalpur | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 184 | 54 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | | + 2 | 0.0 | — 0.1 | 0.0 | 6 |
| | Fort Abbas | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 167 | 67 | 0 | 0 | 9 | 0 | 0 | 54 | 67 | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Peshawar | Chakdara | — | 000 | 0 | 6 | 23 | 02 | 48 | 03 | 1 | 144 | 56 | 2 | 0 | 9 | 3 | 8 | 43 | 56 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Peshawar | — | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 159 | 63 | 2 | 0 | 9 | 3 | 2 | 45 | 64 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 11 |
| | Kohat | — | 000 | 8 | 4 | 13 | 02 | 97 | 01 | 2 | 159 | 56 | 4 | 0 | 9 | 7 | 0 | 45 | 60 | 000 | 4 | 4 | 31 | 03 | 98 | 01 | / | 169 | 49 | 4 | 2 | 6 | 0 | 0 | 41 | 40 | — | — | 1.1 | — | 0.2 | — |
| D. I. Khan | Bannu | — | 000 | 0 | 5 | 13 | 02 | 99 | 02 | 2 | 152 | 63 | 0 | 0 | 9 | 0 | 0 | 32 | 68 | 000 | 0 | 2 | 31 | 02 | 99 | 01 | 1 | 170 | 41 | 0 | 0 | 9 | 2 | 0 | 35 | 41 | — | — | 0.5 | — | 0.0 | 11 |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 157 | 60 | 0 | 0 | 9 | 0 | 0 | 47 | // | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 198 | 49 | 0 | 0 | 9 | 0 | 0 | // | 43 | / | + 2 | 0.1 | — 0.4 | 0.1 | 9 |
| Quetta | Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 165 | 71 | 0 | 0 | 9 | 0 | 8 | 52 | 72 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Nokkundi | — | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 160 | 69 | 4 | 4 | 7 | 0 | 0 | 35 | 64 | 000 | 0 | 0 | 31 | 02 | 97 | 03 | 0 | 195 | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 39 | — | — | 0.0 | — | 0.0 | 2 |
| Kalat | Turbat | — | 000 | 0 | 0 | 18 | 02 | 96 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 38 | 75 | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | /// | 55 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | — | 000 | 0 | 0 | 27 | 05 | 96 | 01 | 0 | 162 | 73 | 0 | 0 | 9 | 0 | 0 | 49 | 74 | 000 | 0 | 1 | 36 | 03 | 96 | 03 | 0 | 161 | 63 | 1 | 0 | 4 | 4 | 0 | 53 | 68 | — | — | 5.6 | — | 5.8 | 8 |
| | Panjgur | — | 000 | 0 | 0 | 11 | 03 | 97 | 02 | 0 | 155 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 85 | 000 | 0 | 0 | 29 | 04 | 97 | 02 | 0 | 144 | 50 | 0 | 0 | 9 | 0 | 0 | // | // | + 10 | / | 2.5 | + 0.9 | 2.5 | 6 |
| Karachi division | Ormara | — | 000 | 0 | 1 | 18 | 07 | 96 | 04 | 4 | 159 | 73 | 1 | 8 | 6 | 0 | 0 | 58 | 74 | 000 | 8 | 1 | 00 | 00 | 96 | 03 | 3 | 148 | 59 | 1 | 8 | 6 | 0 | 0 | 53 | // | — | — | 0.5 | — 0.8 | 0.5 | 6 |
| | Lasbela | — | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 154 | 80 | 0 | 0 | 9 | 0 | 0 | 49 | 80 | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 170 | 50 | 0 | 0 | 8 | 0 | 0 | 46 | 41 | — | — | 0.3 | — | 0.0 | 8 |
| | Karachi (Manora) | — | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 152 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 81 | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 171 | 66 | 0 | 0 | 9 | 0 | 0 | 47 | 39 | + 6 | + 2 | 0.3 | — 0.1 | 0.3 | 8 |
| | Karachi (Airport) | — | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 153 | 75 | 0 | 0 | 9 | 0 | 0 | 38 | 77 | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 167 | 52 | 1 | 5 | 5 | 0 | 1 | 38 | 50 | — | — | 0.1 | — | 0.1 | — |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 162 | 77 | 0 | 0 | 0 | 0 | 0 | 47 | 80 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 184 | 61 | 0 | 0 | 9 | 0 | 0 | 42 | 61 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | — | 000 | 0 | 0 | 05 | 10 | 96 | 02 | 0 | 164 | 75 | 0 | 0 | 9 | 0 | 0 | 36 | 79 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 168 | 43 | 0 | 0 | 9 | 0 | 0 | 44 | 41 | — | — | 0.0 | — | 0.0 | 9 |
| | Hyderabad | — | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 0 | 46 | 74 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 178 | 51 | 0 | 0 | 9 | 0 | 0 | 46 | 51 | — 3 | 0 | 0.2 | — 0.8 | 0.2 | 9 |
| | Badin | — | 000 | 0 | 0 | 36 | 08 | 97 | 02 | 0 | 145 | 75 | 0 | 0 | 9 | 0 | 0 | 38 | 77 | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 187 | 50 | 0 | 0 | 9 | 0 | 0 | 39 | 48 | 0 | — 1 | 0.0 | — 0.4 | 0.0 | — |
| Khairpur | Padidan | — | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 159 | 71 | 0 | 0 | 9 | 0 | 0 | 41 | 73 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 173 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 163 | 73 | 0 | 0 | 9 | 0 | 0 | 41 | 75 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 181 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 45 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | — | 000 | 6 | 0 | 13 | 02 | 97 | 02 | 0 | 158 | 71 | 0 | 0 | 9 | 0 | 0 | 51 | 75 | 000 | 2 | 0 | 13 | 02 | 95 | 05 | 4 | 172 | 54 | 0 | 0 | 9 | 0 | 0 | 46 | 58 | — | — | 0.0 | — | 0.0 | — |
| | Kashmore | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 160 | 71 | 0 | 0 | 0 | 0 | 0 | 42 | 72 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 165 | 51 | 0 | 0 | 0 | 0 | 0 | 42 | 49 | — 1 | + 4 | 0.2 | — 0.1 | 0.1 | 30 |
| Mekran | Veravali | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | (ILL STATIONS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | Sonamarg | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Misgar | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Aliabad | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gilgit | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Rawalpindi | Murree | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Peshawar | Drosh | — | 000 | 0 | 8 | 23 | 03 | 96 | 02 | 2 | 523 | 47 | 8 | 6 | 6 | / | / | 24 | 49 | 011 | 3 | 8 | 00 | 00 | 98 | 40 | 1 | 502 | 38 | 8 | 6 | 4 | / | / | 33 | 35 | + 1 | + 3 | 0.7 | — | 0.1 | 29 |
| | Chitral | — | 000 | 0 | 6 | 05 | 11 | 96 | 00 | 0 | 509 | 47 | 6 | 5 | 6 | 0 | 0 | 29 | 52 | 00 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 512 | 40 | 0 | 0 | 9 | 0 | 0 | 26 | 38 | + 1 | — 1 | 0.6 | — 2.2 | 0.0 | — |
| | Kakul | — | 000 | 0 | 4 | 23 | 03 | 98 | 01 | 1 | 499 | 51 | 1 | 2 | 5 | 3 | 0 | 40 | 58 | 000 | 0 | 2 | 05 | 02 | 98 | 01 | 1 | 494 | 43 | 0 | 0 | 9 | 0 | 0 | 35 | 40 | — | — | 1.5 | — | 0.2 | — |
| | Landikotal | — | 000 | 0 | 4 | 31 | 08 | 98 | 01 | 0 | 521 | 51 | 4 | 3 | 9 | 0 | 0 | 41 | 59 | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 4 | 602 | 33 | 4 | 3 | 9 | 0 | 0 | 26 | 26 | — | — | 0.8 | — | 0.1 | 29 |
| | Parachinar | — | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 587 | 47 | 1 | 5 | 6 | 4 | 0 | 27 | 49 | 000 | 0 | 2 | 05 | 02 | 98 | 01 | 1 | 505 | 27 | 2 | 5 | 6 | 0 | 0 | 26 | 32 | — 2 | — 3 | 0.9 | — | 0.2 | 13 |
| D.I. Khan* | Miranshah | — | 000 | 0 | 4 | 05 | 05 | 97 | 02 | 0 | 527 | 47 | 4 | 0 | 9 | 0 | 0 | 34 | 58 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 598 | 43 | 0 | 0 | 9 | 0 | 0 | 27 | 43 | — | — | 0.0 | — 0.9 | 0.0 | 11 |
| | Wana | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| Quetta | Fort Sandeman | — | 000 | 8 | 4 | 31 | 05 | 98 | 01 | 1 | 489 | 55 | 4 | 4 | 1 | 0 | 0 | 23 | 54 | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 494 | 35 | 0 | 0 | 9 | 0 | 0 | 27 | 33 | — 1 | + 1 | 0.2 | — 0.6 | 0.2 | — |
| | Nindubagh | — | 000 | 0 | 0 | 20 | 25 | 97 | 03 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 18 | 53 | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | /// | 26 | 0 | 0 | 9 | 0 | 0 | 02 | 16 | — | — | 0.0 | — | 0.6 | 9 |
| | Loralai | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 562 | 35 | 0 | 0 | 9 | 0 | 0 | 30 | 28 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | — | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 493 | 60 | 0 | 0 | 9 | 0 | 0 | 40 | 63 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 523 | 41 | 0 | 0 | 9 | 0 | 0 | 31 | 40 | — | — | 0.0 | — 1.3 | 0.0 | 9 |
| | Sanjawali (Quetta) | — | 000 | 0 | 2 | 36 | 05 | 97 | 02 | 0 | 510 | 47 | 2 | 6 | 0 | 0 | 0 | 29 | 49 | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 515 | 36 | 1 | 0 | 9 | 1 | 0 | 26 | 28 | — | — | 1.5 | — 0.6 | 0.8 | 8 |
| | Chaman | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 575 | 49 | 9 | 0 | 9 | 0 | 0 | 38 | 50 | 000 | 0 | 0 | 00 | 03 | 97 | 00 | 0 | 542 | 42 | 0 | 0 | 9 | 0 | 0 | 40 | 42 | — 2 | + 8 | 6.3 | + 3.7 | 6.3 | — |
| | Nushki | — | 000 | 0 | 0 | 31 | 08 | 98 | 02 | 0 | 569 | 53 | 0 | 0 | 9 | 0 | 0 | 41 | 53 | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 548 | 42 | 0 | 0 | 9 | 0 | 0 | 31 | 41 | — | — | 1.3 | — | 1.2 | 4 |
| | Dalbandin | — | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 519 | 58 | 0 | 0 | 9 | 0 | 0 | 37 | 60 | 000 | 0 | 0 | 05 | 0. | 98 | 02 | 0 | 489 | 37 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | — 2 | — 2 | 0.5 | — 0.7 | 0.5 | 7 |
| Kalat | Kalat | — | 000 | 0 | 0 | 36 | 03 | 98 | 00 | 2 | 499 | 44 | 0 | 0 | 9 | 0 | 0 | 27 | 52 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 520 | 31 | 0 | 9 | 9 | 0 | 0 | 23 | 32 | + 3 | + 6 | 0.8 | — 1.0 | 0.0 | — |
| | Khuzdar | — | 000 | 0 | 1 | 23 | 03 | 97 | 01 | 0 | 489 | 61 | 1 | 5 | 6 | 0 | 0 | 27 | 63 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 488 | 39 | 0 | 0 | 9 | 0 | 0 | 25 | 37 | — | — | 0.6 | — | 0.3 | 8 |
| | Panjgur | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

RRR at 0300GMT, 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 remarks above for the actual amount of rainfall

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 16th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Hines ... ... | 99 2 55 | 10 5 76 | 15 0 03 | 03 5 05 | 99 0 20 | 19 0 21 | 00 9 00 | 29 7 05 | | ... | 05 5 16 | 17 5 51 | ... | — |
| Zaria ... ... | 99 2 33 | 10 6 25 | 15 0 63 | 30 7 01 | 98 0 20 | 20 1 22 | 21 5 40 | — | | ... | 0 / / 14 | 12 4 00 | 30 1 01 | — |
| Chevron Thebauge ... ... | 99 2 15 | 10 5 96 | 15 0 63 | 71 0 06 | 99 0 22 | 19 4 27 | 22"4 44 | ... | | ... | 0 / / 24 | 12 4 50 | 30 2 01 | 12 9 02 |
| Marinsk ... ... | 99 1 88 | 10 6 43 | 15 0 63 | 50 3 07 | 98 0 21 | 18 5 20 | 41 5 04 | 64 3 33 | | ... | ... | 12 0 45 | 30 4 01 | 36 7 02 |
| Zaria ... ... | 99 2 26 | 10 6 43 | 15 1 23 | 20 6 03 | 98 0 20 | 16 1 23 | 11 5 01 | ... | | ... | 0 / / 13 | 12 4 04 | 30 1 01 | 10 5 02 |
| Hines ... ... | 99 2 50 | 10 5 98 | 15 1 23 | 12 9 04 | 99 0 20 | 17 7 23 | 11 4 00 | 23 7 15 | | ... | 05 3 13 | 17 6 00 | 30 3 01 | 00 0 00 |
| Sudha ... ... | 99 1 75 | 10 6 78 | 15 1 83 | 43 4 05 | 98 0 31 | 13 9 27 | 34 4 00 | 61 2 01 | | 03 6 94 | 05 5 19 | ... | ... | ... |
| Zaris ... ... | 99 2 19 | 10 6 58 | 15 1 83 | 00 4 06 | 98 0 20 | 16 8 21 | 00 9 00 | ... | | ... | 0 / / 13 | 12 3 60 | 3 / / / / | / / / / / |
| Hines ... ... | 99 2 48 | 10 6 12 | 15 1 83 | 02 9 05 | 99 0 20 | 17 9 22 | 00 9 00 | 23 2 04 | | ... | 05 5 13 | 17 6 20 | 30 0 00 | 00 0 00 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 012 144 20 | ... | 500 160 40 | 161 070 56 | 587 087 58 | 756 211 56 | 961 371 34 | 231 539 // | 411 675 // | 656 651 // | ... | ... | — |
| Dacca ... | 00 00 | 015 148 50 | .. | 500 130 61 | 110 016 59 | 579 091 77 | 747 227 71 | 952 763 // | — | ... | ... | — | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 018 154 58 | ... | 500 043 57 | 054 075 // | 558 231 // | 720 275 // | 922 873 // | 196 481 // | 382 565 // | 635 641 // | ... | ... | — |
| Multan ... | 00 00 | 002 056 12 | ... | 480 070 20 | 017 035 // | 563 211 // | 724 305 // | 951 361 // | ... | ... | — | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 820 026 37 | ... | /// /// // | 077 006 // | 570 153 // | 733 299 // | ... | ... | ... | — | ... | — | — |
| Sargodha ... | 00 00 | 995 114 57 | ... | 470 070 56 | 064 020 58 | 566 195 // | 728 301 // | 920 425 // | 195 525 // | 378 395 // | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 192 50 | 800 124 50 | 600 035 56 | 570 000 56 | 350 290 41 | — | — | — | — | 147 677 // | — | — |
| Dacca ... | 00 00 | 900 152 59 | 800 088 59 | 712 088 59 | 682 034 65 | 619 000 64 | 600 013 67 | 350 307 70 | — | — | 278 265 93 | — | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | — | — | — | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | — | ... | — | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 800 068 // | 705 008 // | 600 067 // | 350 353 // | 325 381 // | ... | — | ... | ... | ... | — | — |
| Sargodha ... | 00 00 | ... | ... | — | — | — | ... | — | — | — | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 320 08 | 320 08 | 330 09 | 330 17 | 320 20 | 270 17 | ... | — | ... | 035 08 | 360 08 | 345 10 | 325 13 | 315 14 | 260 28 |
| Bogra ... | 150 02 | 270 02 | 335 02 | 320 09 | 320 31 | 290 81 | — | ... | — | 040 10 | 020 09 | 015 07 | 335 10 | 320 25 | 295 36 |
| Chaklala ... | — | 265 07 | 200 04 | 095 10 | 140 17 | 205 13 | .. | ... | ... | | 275 04 | 150 03 | 210 03 | 119 08 | 155 08 |
| Chhor ... | 020 15 | 220 11 | 030 12 | 080 12 | 350 10 | 318 27 | 360 34 | 260 52 | 265 55 | 045 15 | 035 09 | 010 15 | 355 10 | 005 07 | 345 13 |
| Chittagong ... | 270 08 | 265 02 | 095 04 | 330 02 | 310 08 | 240 06 | — | .. | . | ... | — | — | ... | ... | ... |
| Cherat ... | ... | ... | .. | ... | — | ... | .. | — | ... | ... | ... | ... | ... | ... | — |
| Cox's Bazar ... | 315 11 | 315 07 | 335 05 | 035 04 | 080 08 | 125 04 | — | ... | .. | 015 15 | 015 11 | 018 09 | 015 03 | 340 04 | |
| Dacca ... | 300 06 | 290 06 | 310 06 | 325 05 | 320 07 | 330 14 | .. | ... | .. | 045 06 | 035 04 | 315 07 | 315 14 | 315 06 | 265 25 |
| Dalbandin ... | ... | ... | 115 04 | 015 04 | 355 06 | 040 13 | 290 30 | 285 35 | 285 42 | | ... | 060 04 | 050 08 | 200 08 | 240 03 |
| D. I. Khan ... | 040 03 | 040 03 | 025 03 | 010 06 | 350 06 | 295 08 | 285 11 | 285 10 | 265 31 | 360 05 | 025 04 | 055 03 | 120 04 | 300 04 | 285 09 |
| Drosh ... | — | ... | ... | 240 03 | 240 03 | 185 02 | — | | ... | No | Ascent | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 240 02 | 265 03 | 270 11 | 270 15 | 275 23 | 265 21 | ... | ... | ... | 145 06 | 265 07 | 295 13 |
| Gilgit ... | ... | ... | .. | 105 10 | 165 02 | 155 08 | 130 15 | ... | ... | .. | ... | .. | 090 01 | 105 03 | 135 05 |
| Ishurdi ... | 290 04 | 290 06 | 300 07 | 318 15 | 325 27 | 330 35 | ... | ... | .. | 050 07 | 040 06 | 330 09 | 315 11 | | |
| Jacobabad ... | 010 07 | 245 06 | 285 01 | 260 07 | 265 09 | 295 24 | 285 27 | ... | ... | 280 04 | 255 05 | 225 06 | 255 01 | 350 02 | 290 06 |
| Jessore ... | 305 07 | 310509 | 315 16 | 325 10 | 330 23 | 310 25 | ... | . | ... | 050 10 | 045 09 | 355 09 | 230 11 | 320 15 | 325 13 |
| Jhelum ... | 325 02 | 320 09 | 325 05 | 100 10 | 115 12 | 155 08 | 160 16 | 180 12 | 195 12 | 315 04 | 275 05 | 175 05 | 145 08 | 140 08 | 160 06 |
| Jiwani ... | 270 06 | 290 04 | 095 04 | 315 06 | 305 15 | 315 15 | 295 25 | 290 28 | 285 52 | 320 11 | 310 08 | 310 08 | 030 03 | 290 09 | 290 41 |
| Karachi ... | 015 08 | 085 09 | 005 08 | 005 08 | 030 09 | 320 17 | 295 27 | 280 39 | 265 48 | | | | | | |
| Khanpur ... | 340 08 | 335 08 | 335 10 | 020 12 | 360 10 | 340 29 | 290 08 | 275 04 | 265 08 | 075 09 | 095 05 | 115 03 | 350 03 | 300 17 | 315 27 |
| Khuzdar ... | .. | ... | ... | 275 07 | 305 08 | 335 13 | 290 25 | 280 37 | 280 36 | ... | .. | .. | 265 05 | 255 07 | 230 13 |
| Lahore ... | 330 04 | 330 04 | 345 03 | 010 02 | 335 01 | 280 02 | 180 06 | 170 10 | 190 08 | 315 07 | 300 07 | 305 06 | 295 04 | 285 05 | 230 05 |
| Multan ... | 010 03 | 350 04 | 350 03 | 340 09 | 345 15 | 315 11 | 305 13 | 280 11 | 270 16 | 190 01 | 190 01 | 310 02 | 335 05 | 325 08 | 315 11 |
| Nawab Shah ... | 355 05 | 015 05 | 035 03 | 010 02 | 310 15 | 300 20 | 280 37 | 270 62 | .. | 085 05 | 100 07 | 135 05 | 330 03 | 330 09 | 225 23 |
| Nokkundi ... | — | ... | 100 04 | 120 02 | 160 01 | ... | ... | — | ... | ... | ... | 235 09 | 330 03 | 355 06 | 295 11 |
| Panjgur ... | ... | .. | — | ... | ... | ... | .. | .. | ... | ... | .. | ... | — | ... | ... |
| Peshawar ... | .. | 335 03 | 315 19 | 315 05 | 320 04 | 295 04 | .. | ... | ... | .. | ... | ... | ... | — | ... |
| Parachinar ... | ... | ... | — | 150 02 | 275 01 | /// // | 235 12 | ... | ... | — | ... | .. | 245 01 | 100 03 | — |
| Quetta ... | ... | .. | | ... | 330 06 | 275 11 | 285 20 | 285 27 | 285 35 | ... | .. | ... | ... | . | ... |
| Sargodha ... | 070 02 | 015 02 | 010 05 | 365 11 | 330 11 | 225 08 | 190 13 | 208 16 | 210 12 | 245 06 | 285 05 | 305 06 | 305 06 | 270 12 | 260 09 |
| Skardu ... | .. | ... | .. | 340 01 | 340 03 | ... | ... | ... | — | ... | .. | ... | 185 03 | 200 03 | |
| Sylhet ... | 300 30 | 305 82 | 300 03 | 210 08 | 250 04 | ... | .. | — | ... | 090 04 | 105 04 | 105 05 | 085 03 | 285 23 | 220 15 |
| Yarawal ... | ... | ... | .. | ... | ... | .. | — | ... | ... | .. | .. | ... | — | ... | — |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 020 08 | 360 09 | 355 08 | 335 07 | 310 12 | ... | | ... | ... | ... | .. |
| Bogra ... | 075 03 | 055 03 | 350 04 | 315 09 | 325 23 | 300 40 | 265 32 | .. | ... | .. | ... |
| Chaklala ... | .. | 150 06 | 145 10 | 140 13 | 105 19 | ... | ... | ... | ... | ... | ... |
| Chhor ... | 075 09 | 040 09 | 030 08 | 335 08 | 360 08 | 350 08 | 285 25 | 285 33 | 280 44 | 275 51 | 255 58 |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 020 04 | 060 03 | 025 06 | 015 17 | 355 13 | 270 05 | 260 23 | ... | ... | ... | ... |
| Dacca ... | 045 03 | 325 04 | 305 05 | 325 13 | 325 19 | 305 31 | 270 36 | 270 41 | 265 43 | 265 48 | 250 60 |
| Dalbandin ... | ... | ... | 070 07 | 165 06 | 210 05 | 230 09 | 260 29 | 275 35 | 275 35 | 270 49 | 270 69 |
| D. I. Khan ... | ... | ... | — | .. | | ... | .. | ... | ... | ... | ... |
| Drosh ... | ... | ... | — | | | | | | | | ... |
| Fort Sandeman ... | ... | ... | .. | 225 06 | 300 08 | 280 12 | 260 35 | 170 32 | 265 41 | 270 46 | .. |
| Gilgit ... | | | | | | ... | .. | — | ... | ... | ... |
| Ishurdi ... | 070 01 | 030 03 | 335 03 | 005 10 | 355 12 | ... | | | | | ... |
| Jacobabad ... | 185 06 | 285 06 | 205 07 | 235 09 | 250 05 | 285 08 | 295 19 | 270 40 | 280 56 | 275 52 | .. |
| Jessore ... | 025 04 | 010 08 | 345 10 | 345 13 | 320 15 | 300 15 | ... | — | . | . | |
| Jhelum ... | 115 08 | 110 12 | 130 12 | 135 08 | 155 08 | 175 09 | 255 13 | 220 21 | 225 26 | 240 28 | 245 43 |
| Jiwani ... | 305 07 | 225 07 | 250 07 | 225 06 | 270 09 | 310 13 | 265 18 | 280 25 | 270 33 | 270 35 | |
| Karachi ... | 165 06 | 245 03 | 265 06 | 120 01 | 130 08 | 375 06 | 300 25 | 285 32 | 275 39 | 275 47 | 260 60 |
| Khanpur ... | 205 07 | 210 09 | 210 10 | 235 23 | 255 28 | 295 27 | 280 08 | 280 21 | 270 37 | 270 81 | |
| Khuzdar ... | | | | | | | | | | | |
| Lahore ... | 140 04 | 125 06 | 100 06 | 090 07 | 035 07 | 340 08 | 260 11 | 195 15 | 195 17 | 235 16 | 250 22 |
| Multan ... | 180 01 | 215 13 | 190 13 | 180 14 | 180 17 | 180 12 | 240 14 | 265 20 | 250 25 | 260 37 | 270 58 |
| Nawab Shah ... | 165 08 | 195 07 | 270 05 | 350 02 | 325 08 | 285 15 | 275 35 | 275 49 | 275 56 | ... | ... |
| Nokkundi ... | — | - | 110 05 | 135 06 | 160 07 | 250 13 | 270 25 | 265 28 | 265 38 | 265 49 | .. |
| Panjgur ... | ... | | ... | ... | | | | | ... | .. | ... |
| Peshawar ... | ... | 350 05 | 035 02 | 135 07 | 145 06 | 190 11 | ... | — | ... | ... | ... |
| Parachinar ... | ... | .. | — | 235 07 | 160 04 | — | | | | ... | ... |
| Quetta ... | ... | ... | | | 145 05 | 255 14 | 275 31 | 280 42 | 275 45 | | |
| Sargodha ... | 095 03 | 150 03 | 165 03 | 280 02 | 255 06 | 250 13 | 250 15 | 250 21 | 240 25 | 270 33 | 250 31 |
| Skardu ... | | | | 230 01 | 195 06 | | | | | | |
| Sylhet ... | 080 05 | 085 05 | 085 06 | 105 05 | 340 07 | 295 21 | 315 23 | 320 02 | ... | ... | ... |
| Yarawal ... | .. | ... | — | — | ... | — | — | ... | ... | ... | |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 115 14 | 115 08 | 315 10 | 315 10 | 315 09 | 285 14 | 285 26 | 265 43 | 270 45 | 270 62 | 265 70 | 265 95 | — | ... | ... | ... | ... | ... |
| Multan ... | 220 05 | 225 05 | 235 03 | 275 03 | 235 08 | 260 08 | 300 15 | 330 35 | 285 37 | 280 39 | 280 76 | 280 94 | ... | .. | . | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres,

TT—Dry Bulb temperatures in °C

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

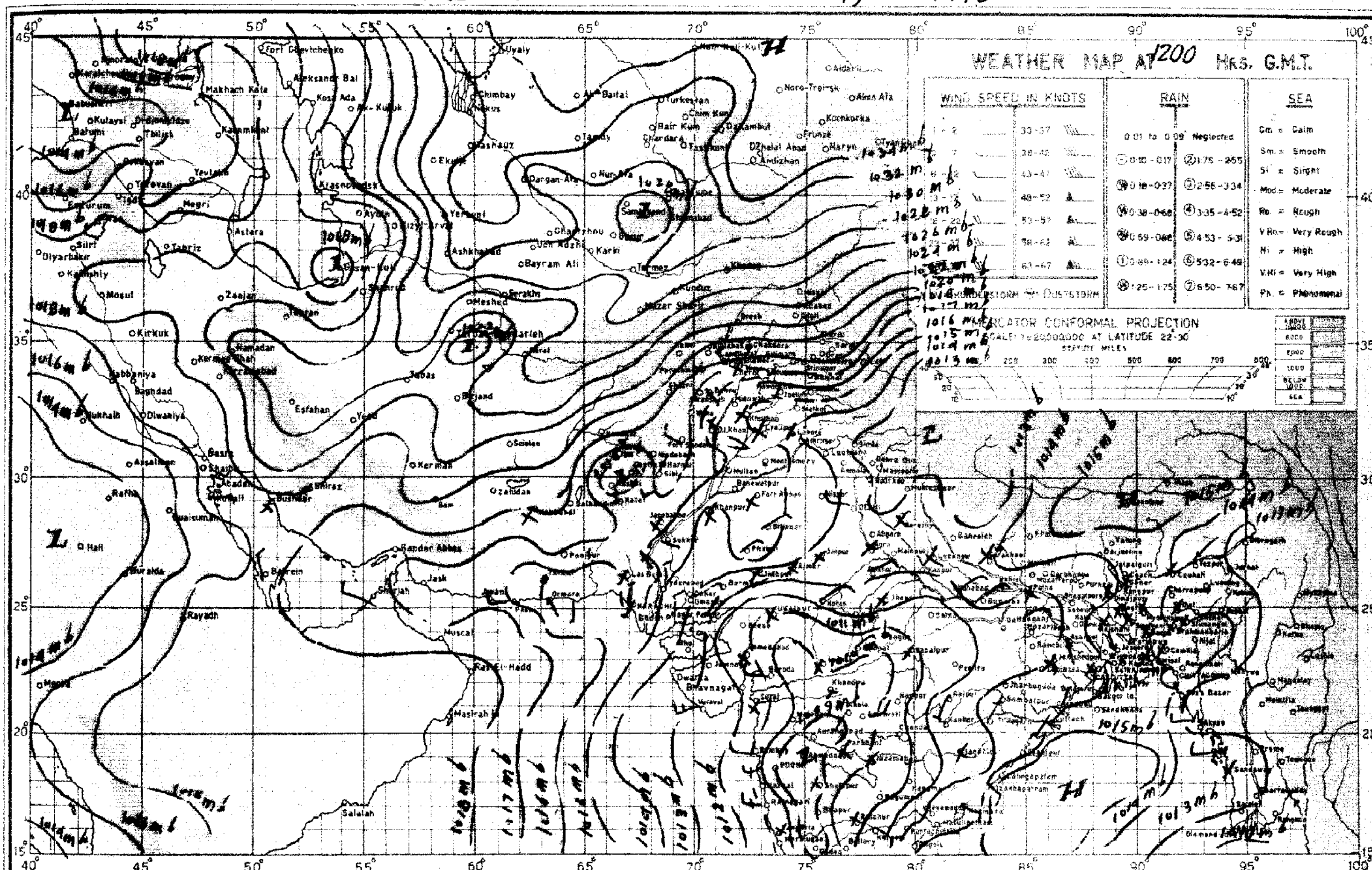
† The actual time of observations may vary within half an hour of the specified time.

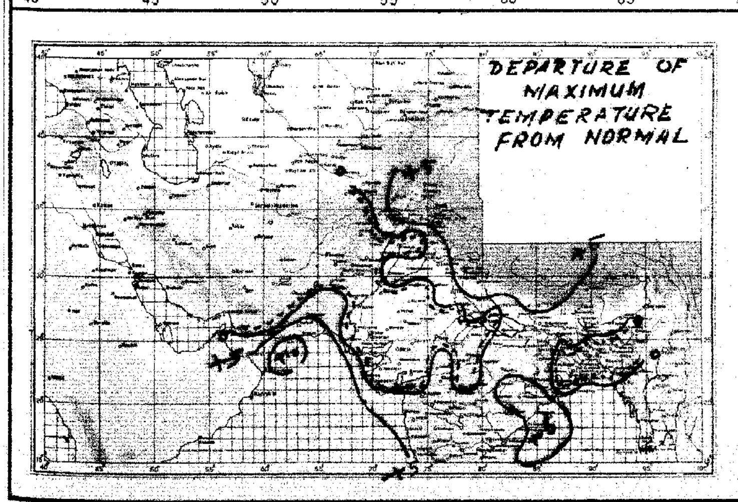
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in Knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

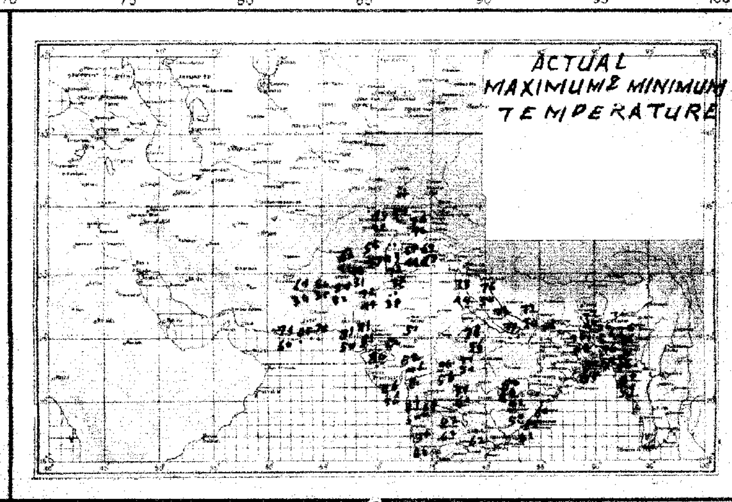
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Central Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

THURSDAY 15th JANUARY, 1970



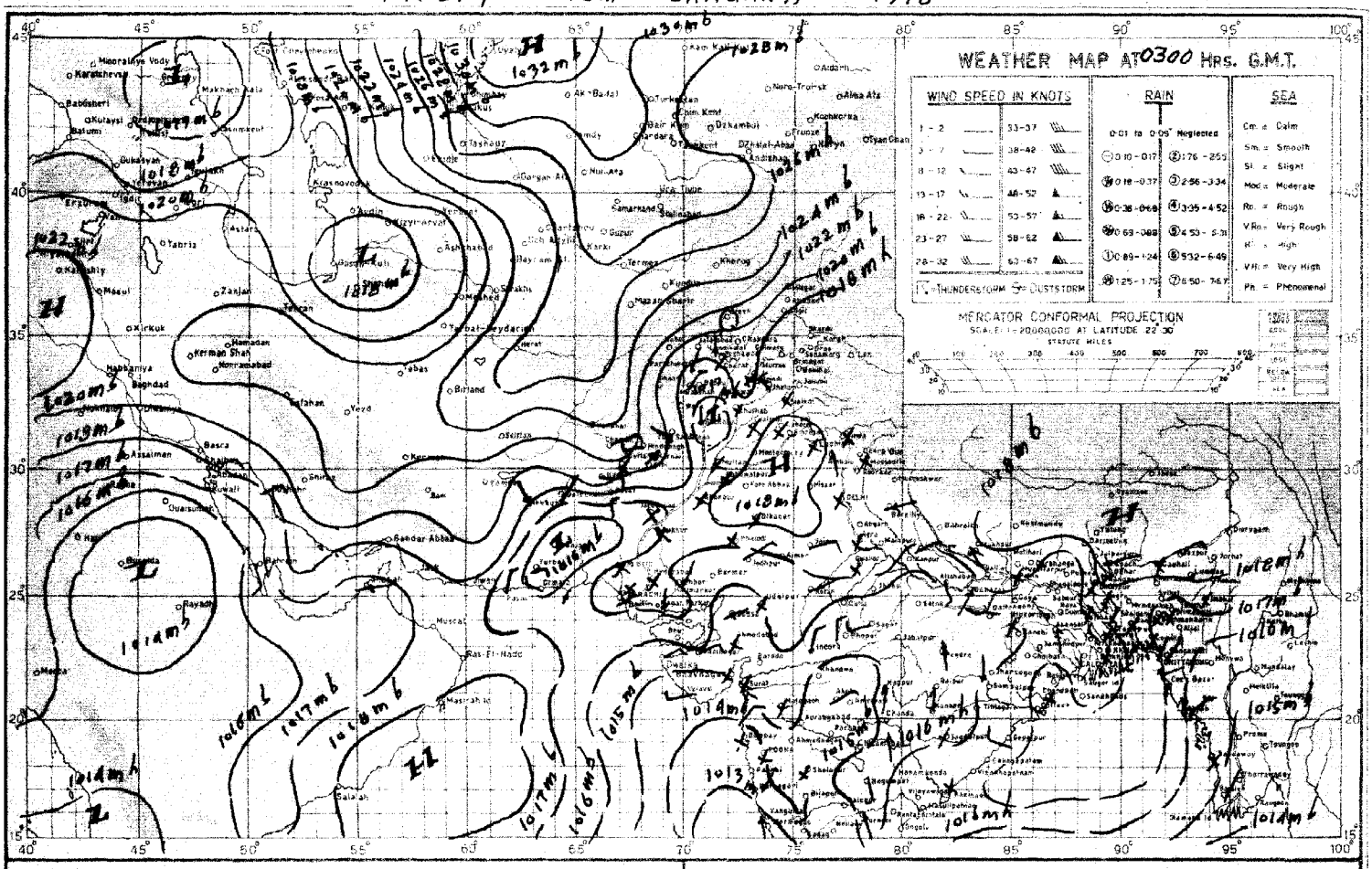



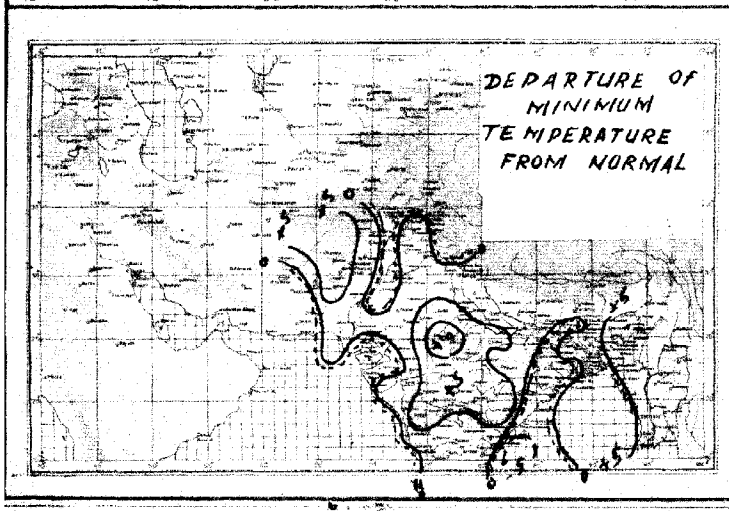



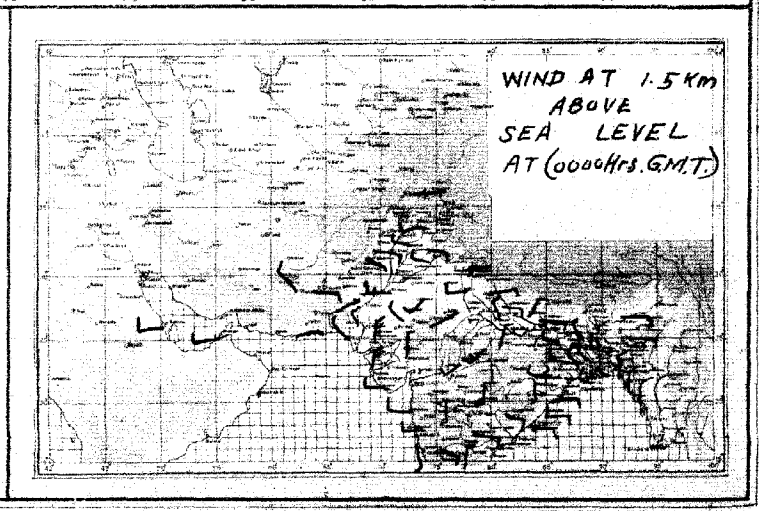

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 16th JANUARY, 1970



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Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 17th JANUARY 1970.**

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

Yesterday's trough of low pressure over Kalat division is moving across Multan and Sargodha divisions.

A western disturbance over southeast Iran and adjoining Kalat division.

Scattered rain/drizzle with snowfall over hills have occurred in Peshawar division and a few falls of light rain/showers in Lahore and D. I. Khan divisions. Kalat recorded ½" of rainfall.

The shallow trough over East Pakistan moved away after causing light drizzle at a few places in Chittagong and Khulna divisions. Weather remained dry elsewhere over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Bahawalpur, Peshawar, Karachi and Khairpur divisions and were 3—4 °F (2 °C) below normal in Sargodha and northern Kalat divisions.

**Forecast valid until the evening of 18th January 1970 :**—Scattered rain with snow over hills are likely to occur in Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and in Kashmir and scattered thunderstorms/showers in Kalat, Karachi and Khairpur divisions. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 17th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amounts of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati — | 000 | 0 | 2 | 31 | 02 | // | 01 | 0 | 137 | 75 | 2 | 3 | 7 | 0 | 0 | 38 | 82 |
| | Cox's Bazar — | 000 | 0 | 3 | 36 | 02 | // | 02 | 0 | 132 | 56 | 0 | 0 | 9 | 0 | 0 | 38 | 78 |
| | Chittagong — | 000 | 0 | 5 | 31 | 02 | // | 03 | 2 | 137 | 72 | 0 | 0 | 9 | 0 | 2 | 60 | 78 |
| | Maijdee Court — | 000 | 4 | 0 | 00 | 00 | // | 00 | 0 | 128 | 76 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| | Comilla — | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | 136 | 76 | 0 | 0 | 9 | 0 | 1 | 70 | 82 |
| | Brahmanbaria — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 136 | 73 | 0 | 0 | 9 | 0 | 0 | 68 | 79 |
| | Sylhet — | 000 | 0 | 2 | 27 | 01 | // | 01 | 2 | 132 | 67 | 0 | 0 | 9 | 0 | : | 58 | 77 |
| | Srimangal — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 130 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| Dacca | Mymensingh — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 155 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Narayanganj — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 143 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 83 |
| | Dacca (Tezgaon) — | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 2 | 141 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Faridpur — | 000 | 0 | 2 | 34 | 02 | 93 | 01 | 1 | 138 | 72 | 0 | 0 | 9 | 0 | 0 | // | 76 |
| Khulna | Barisal — | 000 | 0 | 3 | 00 | 00 | 95 | 02 | 1 | 139 | 73 | 0 | 0 | 9 | 0 | 2 | 60 | 79 |
| | Khulna — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 146 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 82 |
| | Satkhira — | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 144 | 73 | 2 | 2 | 9 | 0 | 0 | 62 | 81 |
| | Jessore — | 000 | 0 | 2 | 34 | 02 | 93 | 01 | 1 | 138 | 73 | 0 | 0 | 9 | 0 | 1 | // | 75 |
| Rajshahi | Pabna — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sirajganj — | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 136 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 79 |
| | Rajshahi — | 000 | 0 | 7 | 00 | 00 | 94 | 03 | 1 | 147 | 73 | 5 | 5 | 5 | 2 | 1 | 58 | 77 |
| | Bogra — | 000 | 0 | 6 | 00 | 00 | // | 02 | 2 | 138 | 73 | 6 | 0 | 9 | 3 | 0 | 56 | 79 |
| | Dinajpur — | 000 | 0 | 2 | 00 | 00 | // | 02 | 0 | 146 | 69 | 4 | 0 | 9 | 4 | 1 | 56 | 79 |
| | Rangpur ** | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 140 | 56 | 0 | 0 | 9 | 0 | 0 | 50 | 76 |
| Kashmir | Jammu ** | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sialkot — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum — | 000 | 0 | 1 | 13 | 02 | 97 | 02 | 0 | 163 | 67 | 1 | 1 | 7 | 0 | 1 | 45 | 70 |
| | Islamabad — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rawalpindi — | 000 | 0 | 1 | 09 | 02 | 99 | 00 | 0 | 164 | 54 | 3 | 2 | 0 | 0 | 0 | 40 | 58 |
| | Campbellpur — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 159 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 70 |
| | Sargodha — | 000 | 0 | 2 | 12 | 02 | 97 | 01 | 0 | 162 | 67 | 1 | 1 | 6 | 0 | 0 | 41 | 70 |
| | Lyallpur — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 162 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 67 |
| Multan | Sahiwal — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Multan — | 000 | 0 | 0 | 36 | 00 | 91 | 00 | 0 | 174 | 72 | 0 | 0 | 9 | 0 | 0 | 41 | 72 |
| | Leiah — | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 168 | 68 | 0 | 0 | 9 | 0 | 0 | 45 | 70 |
| | Fort Abbas — | | | | | | | | | | | | | | | | | |
| Peshawar | Chakdra — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Peshawar — | 000 | 0 | 7 | 31 | 03 | 97 | 02 | 1 | 176 | 56 | 3 | 3 | 6 | 0 | 0 | 47 | 62 |
| | Haripur — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu — | 000 | 0 | 6 | 09 | 02 | 98 | 03 | 1 | 155 | 68 | 3 | 2 | 7 | 6 | 1 | 40 | 64 |
| | D. I. Khan — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 151 | 68 | 0 | 0 | 9 | 0 | 0 | 47 | 70 |
| Quetta | Sibi — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 136 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 74 |
| | Nokkundi — | 000 | 0 | 0 | 05 | 02 | 97 | 03 | 0 | 137 | 64 | 3 | 3 | 6 | 0 | 0 | 34 | // |
| Kalat | Turbat — | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 44 | 75 |
| | Jiwani — | 000 | 0 | 2 | 27 | 03 | 96 | 01 | 0 | 148 | 73 | 2 | 5 | 6 | 0 | 0 | 57 | 74 |
| | Pasni — | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 146 | 59 | 0 | 0 | 0 | 0 | 0 | 44 | 80 |
| Karachi division | Ormara — | 000 | 0 | 1 | 27 | 05 | 96 | 02 | 2 | 137 | 74 | 1 | 0 | 6 | 0 | 0 | 50 | 75 |
| | Lasbela — | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) — | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 146 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Karachi (Airport) — | 000 | 0 | 0 | 23 | 05 | 56 | 01 | 0 | 147 | 75 | 0 | 0 | 9 | 0 | 0 | 53 | 79 |
| Hyderabad | Nagarparkar .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chhor — | 000 | 0 | 0 | 36 | 12 | // | 02 | 0 | 143 | 77 | 0 | 0 | 9 | 0 | 0 | 32 | 80 |
| | Hyderabad — | 000 | 0 | 0 | 05 | 02 | 97 | 03 | 0 | 145 | 77 | 0 | 0 | 0 | 0 | 0 | 47 | 80 |
| | Badin — | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 146 | 70 | 0 | 0 | 9 | 0 | 0 | 40 | 80 |
| Khairpur | Padidan .. | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 141 | 75 | 0 | 0 | 9 | 0 | 0 | 44 | 75 |
| | Nawabshah .. | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 149 | 75 | 0 | 0 | 9 | 0 | 0 | 47 | 79 |
| | Sukkur .. | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 145 | 72 | 0 | 0 | 9 | 0 | 0 | 45 | 79 |
| | Kashmore .. | | | | | | | | | | | | | | | | | |
| | Jacobabad ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 150 | 72 | 0 | 0 | 9 | 0 | 0 | 42 | 73 |
| Junagadh | Veraval — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * .. | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Alliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * .. | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Cherat * ... | 000 | 0 | 3 | 05 | 03 | 97 | 01 | 0 | 492 | 54 | 3 | 2 | 0 | 0 | 0 | // | 54 |
| | Kakul * ... | 000 | 0 | 4 | 09 | 05 | 97 | 03 | 2 | 510 | 49 | 3 | 4 | 5 | 2 | 0 | 34 | 51 |
| | Landikotal * ... | 022 | 2 | 0 | 31 | 05 | 98 | 04 | 3 | 614 | 45 | 0 | 7 | 6 | 1 | 1 | 38 | 51 |
| | Parachinar * ... | 000 | 0 | 7 | 00 | 00 | 97 | 01 | 7 | 514 | 40 | 6 | 7 | 9 | 2 | 0 | 32 | // |
| D.I. Khan* | Miranshah * ... | 000 | 0 | 6 | 05 | 05 | 96 | 02 | 0 | 494 | 59 | 6 | 0 | 9 | 0 | 0 | 38 | 59 |
| | Wana * ... | 000 | 0 | 6 | 13 | 03 | 98 | 03 | 0 | 460 | 43 | 6 | 2 | 8 | 9 | 0 | 38 | 56 |
| Quetta | Fort Sandeman * ... | 000 | 0 | 6 | 23 | 01 | 98 | 03 | 1 | 484 | 55 | 5 | 4 | 7 | 3 | 0 | 13 | 57 |
| | Hindubagh * ... | 000 | 0 | 0 | 20 | 19 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 27 | 42 |
| | Loralai * ... | 000 | 0 | 2 | 18 | 04 | 97 | 01 | 0 | 529 | 54 | 0 | 1 | 0 | 0 | 2 | 44 | 55 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 494 | 61 | 0 | 0 | 9 | 0 | 0 | 34 | 63 |
| | Samungli (Quetta) * ... | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 2 | 499 | 49 | 2 | 0 | 9 | 0 | 1 | 34 | 50 |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 503 | 48 | 9 | 0 | 9 | 0 | 0 | 38 | 56 |
| | Nushki * ... | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 538 | 58 | 0 | 0 | 9 | 0 | 0 | 42 | 54 |
| | Dalbandin * ... | 000 | 0 | 2 | 00 | 00 | 98 | 03 | 0 | 601 | 64 | 0 | 0 | 9 | 0 | 3 | 39 | // |
| Kalat | Kalat * ... | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 2 | 477 | 59 | 0 | 0 | 9 | 0 | 0 | 25 | 52 |
| | Khuzdar * ... | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 486 | 62 | 0 | 0 | 9 | 0 | 0 | // | 65 |
| | Panjgur * ... | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 4 | 3 | 36 | 02 | 94 | 40 | 4 | 198 | 65 | 1 | 1 | 7 | 1 | 1 | 60 | 60 | — | — | 1.5 | — | 0.0 | — |
| | Cox's Bazar | 000 | 0 | 5 | 36 | 12 | 96 | 03 | 5 | 178 | 69 | 6 | 1 | 5 | 3 | 2 | 58 | 60 | — 2 | + 3 | 0.7 | — 3.5 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 185 | 64 | 0 | 0 | 9 | 0 | 4 | 56 | 59 | — 1 | + 4 | 1.2 | — 1.6 | 0.0 | 108 |
| | Maijdee Court | ... | .. | .. | ... | | | | .. | | ... | .. | .. | .. | .. | .. | .. | .. | 0 | | | | | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 186 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | + 10 | + 6 | 0.5 | — 1.2 | 0.0 | 194 |
| | Brahmanbaria | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 1 | 147 | 69 | 0 | 0 | 9 | 0 | 5 | 62 | 58 | — | — | 1.3 | — 0.1 | 0.0 | 78 |
| | Sylhet | 000 | 0 | 1 | 05 | 01 | 96 | 02 | 0 | 184 | 62 | 0 | 0 | 9 | 3 | 0 | 59 | 54 | — | — | 2.3 | — | 0.7 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 0 | 187 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 47 | — 4 | — 1 | 1.6 | — 0.1 | 0.1 | 99 |
| Dacca | Mymensingh | 000 | 0 | 0 | 13 | 05 | 97 | 00 | 0 | 191 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | + 1 | + 3 | 0.3 | — 0.7 | 0.0 | 91 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 183 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 60 | + 4 | + 5 | 1.4 | + 0.2 | 0.1 | 74 |
| | Dacca (Tezgaon) | 000 | 3 | 2 | 31 | 02 | 96 | 05 | 4 | 178 | 68 | 0 | 0 | 9 | 0 | 1 | 56 | 58 | — | — | 1.3 | — | 0.1 | — |
| | Faridpur | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 181 | 69 | 2 | 0 | 9 | 0 | 9 | 59 | 56 | 0 | + 3 | 2.0 | + 0.7 | 0.5 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 2 | 183 | 65 | 0 | 0 | 9 | 0 | 2 | 59 | 60 | + 1 | + 5 | 0.9 | — 0.9 | 0.0 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 149 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 64 | + 4 | + 9 | 1.3 | — 0.0 | 0.0 | 48 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 158 | 65 | 0 | 0 | 0 | 0 | 0 | 59 | 56 | + 1 | + 3 | 0.1 | — 0.9 | 0.0 | 45 |
| | Jessore | 000 | 0 | 3 | 03 | 03 | 96 | 05 | 0 | 184 | 65 | 0 | 0 | 9 | 0 | 8 | 59 | 59 | — | — | 1.3 | + 0.1 | 0.1 | 68 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 03 | 98 | 02 | 0 | 183 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 58 | — | — | 1.1 | — | 0.0 | 59 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 185 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | + 3 | — | 0.3 | — | 0.2 | 64 |
| | Rajshahi | 000 | 0 | 2 | 36 | 02 | 97 | 01 | 1 | 190 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | + 9 | + 7 | 0.3 | — 0.4 | 0.0 | — |
| | Bogra | 000 | 0 | 1 | 31 | 02 | 96 | 02 | 0 | 185 | 64 | 1 | 0 | 9 | 3 | 0 | 58 | 56 | + 3 | + 4 | 1.3 | + 0.4 | 0.0 | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 189 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — | — | — | — | 72 |
| | Rangpur | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | .. | | .. | .. | ... | ... | ... | + 11 | | | | | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 01 | 6 | 213 | 49 | 8 | 0 | 9 | 0 | 0 | 41 | 43 | — | + 2 | 0.0 | — 1.0 | 0.0 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 80 | 00 | 0 | /// | 49 | 0 | 0 | 9 | 0 | 0 | 59 | // | — | — | 0.0 | — 1.6 | 0.0 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 1 | 227 | 49 | 1 | 0 | 9 | 3 | 1 | 39 | 40 | — | — | 0.1 | — | 0.0 | — |
| | Islamabad | 000 | 0 | 2 | 08 | 09 | 96 | 03 | 0 | /// | 49 | 2 | 3 | 5 | 4 | 6 | 40 | 43 | | — | 0.1 | — | 0.1 | — |
| | Rawalpindi | 000 | 0 | 6 | 19 | 02 | 97 | 03 | 2 | 235 | 49 | 4 | 0 | 9 | 4 | 3 | 41 | 40 | — 4 | + 1 | 0.3 | — 2.0 | 0.2 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 217 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | + 2 | — 4 | 0.0 | — 0.1 | 0.0 | 18 |
| | Sargodha | 000 | 0 | 0 | 05 | 03 | 94 | 10 | 0 | 216 | 41 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | — | — | 0.1 | — | 0.0 | — |
| | Lyallpur | 0.0 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 220 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | 0 | + 1 | 0.0 | — 0.3 | 0.0 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 2 | 36 | 02 | 96 | 04 | 0 | 222 | 45 | 0 | 0 | 9 | 0 | 2 | 40 | 40 | — | — 2 | 0.0 | — 0.3 | 0.0 | 7 |
| | Leiah | .. | ... | .. | ... | | ... | .. | ... | ... | ... | .. | .. | .. | ... | | ... | ... | — | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 204 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | // | — | — | 0.3 | 0.0 | 0.0 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 211 | 56 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | — 1 | + 3 | 0.0 | — 0.7 | 0.0 | 6 |
| | Fort Abbas | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Peshawar | Chakdra | 000 | 0 | 7 | 05 | 05 | 97 | 02 | 2 | 231 | 42 | 7 | 0 | 9 | 6 | 0 | 41 | 40 | — | — | — | — | — | — |
| | Peshawar | 001 | 9 | 7 | 00 | 00 | 96 | 21 | 6 | 249 | 47 | 2 | 5 | 7 | 7 | 0 | 45 | 45 | 0 | + 4 | 0.8 | — 0.8 | 0.3 | 11 |
| | Haripur | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 149 | 45 | 5 | 0 | 9 | 3 | 0 | 42 | 42 | — | | 1.1 | | 0.2 | — |
| D. I. Khan | Bannu | ... | | | ... | | ... | ... | ... | | | | | | | | .. | ... | — | | | | | 11 |
| | D. I. Khan | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 224 | 49 | 4 | 2 | 9 | 5 | 0 | // | 43 | + 3 | + 2 | 0.1 | — 0.4 | 0.1 | 9 |
| Quetta | Sibi | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 1 | 206 | 46 | 2 | 0 | 9 | 0 | 2 | 48 | 44 | — | — | 0.0 | — | 0.0 | 3 |
| | Nokkundi | 000 | 0 | 3 | 36 | 03 | 97 | 03 | 0 | 178 | 45 | 3 | 3 | 6 | 0 | 0 | 35 | 39 | — | — | 0.0 | — | 0.0 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 00 | 02 | 96 | 00 | 0 | /// | 59 | 0 | 0 | 9 | 0 | 0 | 42 | // | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 7 | 25 | 03 | 96 | 03 | 0 | 164 | 64 | 7 | 8 | 6 | 0 | 0 | 58 | 62 | — | — | 6.6 | — | 6.8 | 8 |
| | Pasni | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 155 | 59 | 0 | 0 | 0 | 0 | 0 | 51 | // | + 5 | — | 2.5 | + 0.8 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 172 | 58 | 1 | 0 | 6 | 0 | 0 | 54 | // | — | — | 0.5 | — 1.3 | 0.5 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 175 | 61 | 0 | 0 | 9 | 0 | 0 | 55 | 60 | + 7 | + 3 | 0.3 | — 0.1 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 1 | 27 | 03 | 96 | 03 | 0 | 175 | 54 | 1 | 5 | 6 | 0 | 0 | 41 | 49 | — | — | 0.1 | — | 0.1 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 184 | 61 | 0 | 0 | 0 | 0 | 0 | 59 | 61 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 150 | 47 | 0 | 0 | 9 | 0 | 0 | 30 | 41 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 34 | 03 | 97 | 07 | 0 | 189 | 52 | 0 | 0 | 9 | 0 | 0 | 46 | 51 | + 4 | 0 | 0.1 | — 0.8 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 186 | 50 | 0 | 0 | 9 | 0 | 0 | 39 | 48 | + 3 | — 1 | 0.0 | — 0.3 | 0.0 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 02 | 96 | 02 | 0 | 191 | 44 | 0 | 0 | 9 | 0 | 0 | 39 | // | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 196 | 46 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 3 | 05 | 03 | 95 | 05 | 4 | 199 | 56 | 0 | 0 | 9 | 0 | 8 | 41 | 50 | — | — | 0.0 | — | 0.0 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 198 | 51 | 0 | 0 | 9 | 0 | 0 | 41 | 49 | + 1 | + 4 | 0.1 | — 0.1 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Alliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Peshawar | Drosh | 0·0 | 0 | 0 | 00 | 00 | 90 | 23 | 7 | 553 | 32 | 8 | 7 | 1 | 0 | 0 | 32 | 32 | — | — | 0.7 | — | 0.1 | 49 |
| | Cherat | 00 | 0 | 6 | 18 | 03 | 94 | 01 | 2 | 544 | 40 | 6 | 3 | 6 | 0 | 0 | 35 | 33 | + 7 | — 4 | 0.6 | — 2.2 | 0.0 | — |
| | Kakul | 000 | 0 | 6 | 05 | 03 | 97 | 03 | 2 | 539 | 41 | 3 | 5 | 6 | 1 | 0 | 35 | 35 | — | — | 1.3 | — | 0.2 | — |
| | Landikotal | 000 | 0 | 6 | 31 | 05 | 98 | 03 | 4 | 606 | 38 | 7 | 6 | 6 | 0 | 0 | 30 | 26 | — | — | 0.7 | — | 0.1 | 29 |
| | Parachinar | 000 | 0 | 7 | 08 | 07 | 97 | 02 | 2 | 551 | 33 | 5 | 2 | 5 | 3 | 0 | 32 | 32 | — | + 3 | 0.9 | — | 0.3 | 13 |
| D.I. Khan* | Miranshah | 000 | 0 | 0 | 05 | 05 | 97 | 03 | 0 | 489 | 41 | 4 | 0 | 9 | 0 | 0 | 32 | 40 | — | — | — | — | — | 11 |
| | Wana | ... | .. | .. | ... | | ... | .. | .. | ... | ... | .. | ... | | .. | . | .. | ... | | | | | | 11 |
| Quetta | Fort Sandeman | 000 | 0 | 1 | 13 | 02 | 97 | 03 | 0 | 518 | 32 | 0 | 0 | 9 | 0 | 1 | 23 | 30 | — 1 | — 2 | 0.2 | — 0.7 | 0.2 | — |
| | Hindubagh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 14 | 0 | 0 | 9 | 0 | 0 | 10 | 12 | — | — | 0.7 | — | 0.6 | 9 |
| | Loralai | 000 | 0 | 4 | 27 | 03 | 97 | 01 | 0 | 534 | 31 | 0 | 1 | 9 | 0 | 4 | 28 | 30 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| | Harnai | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 493 | 43 | 4 | 2 | 9 | 2 | 5 | // | 41 | — | — | 0.0 | — 1.3 | 0.0 | 9 |
| | Samungli (Quetta) | 006 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 511 | 32 | 2 | 6 | 9 | 3 | 0 | 29 | 25 | — | — | 1.5 | — 1.7 | 0.8 | 6 |
| | Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 500 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | + 4 | + 1 | 6.3 | + 3.7 | 6.3 | — |
| | Nushki | 000 | 0 | 0 | 07 | 05 | 97 | 02 | 0 | 545 | 49 | 0 | 0 | 9 | 0 | 0 | 37 | 47 | — | — | 1.3 | — | 1.1 | 4 |
| | Dalbandin | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 1 | 495 | 43 | 5 | 0 | 9 | 3 | 3 | 35 | 37 | — | 0 | 0.4 | — 0.7 | 0.5 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 18 | 02 | 58 | 08 | 2 | 527 | 32 | 0 | 0 | 9 | 0 | 0 | 24 | 22 | + 2 | — 4 | 0.8 | — 0.9 | 0.8 | — |
| | Khuzdar | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 508 | 40 | 2 | 5 | 6 | 0 | 0 | 34 | 38 | — | — | 0.6 | — | 0.0 | 5 |
| | Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 17th JANUARY, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Henis | 99 2 48 | 10 6 28 | 16 0 03 | 13 5 05 | 99 0 20 | 15 5 21 | 14 4 00 | 13 7 07 | | ... | 05 4 53 | 17 5 00 | [illegible] | 00 0 00 |
| Sdiaam | 99 1 57 | 10 6 67 | 16 1 23 | 40 4 08 | 98 2 81 | 12 0 25 | 29 4 60 | — | | ... | 0 / / 21 | 12 6 18 | [illegible] | 00 / 00 |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G.M.T. | Surface PoPoPo ToToTo DoDo | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 015 170 50 | ... | 490 100 58 | 099 000 57 | 537 145 59 | 738 267 59 | 942 349 59 | 214 549 // | 392 661 // | ... | — | ... | — |
| Dacca | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 013 150 25 | ... | 480 050 46 | 053 025 // | 567 151 // | 740 311 // | 930 431 // | 799 481 // | ... | ... | ... | — | — |
| Multan | 00 00 | 004 090 40 | ... | 450 114 58 | 131 064 05 | 578 121 // | 745 205 // | 954 341 // | ... | ... | — | ... | ... | ... |
| Peshawar | 00 00 | 980 074 04 | ... | 450 000 08 | 043 079 // | 557 243 // | 716 351 // | 911 487 // | 171 557 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | MISDA | | ... | | | ... | ... | ... | ... | — | — |
| Sargodha | 00 00 | 997 094 60 | ... | 500 060 60 | 082 041 60 | 545 191 // | 727 285 // | 921 381 // | 203 501 // | ... | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{ta}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 139 25 | 800 864 57 | 600 065 59 | 350 325 95 | 250 674 33 | ... | — | — | ... | ... | — | — |
| Dacca | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | — | — | ... | ... | ... | ... | — | — | — | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Quetta | 00 00 | ... | MISDA | ... | ... | ... | ... | — | ... | ... | ... | — | — |
| Sargodha | 00 00 | ... | ... | — | ... | ... | ... | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd fff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (dd fff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 0.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 355 06 | 335 04 | 355 08 | 315 06 | 045 14 | 355 04 | ... | — | ... | 005 10 | 360 10 | 320 13 | 265 19 | 285 19 | 300 19 | 040 03 | 040 07 | 350 10 | 305 14 | | ... | — | ... | ... | — | ... |
| Bogra | 295 14 | 305 10 | 305 09 | 075 04 | 290 20 | 095 01 | — | ... | ... | 345 01 | 195 10 | 280 04 | 270 11 | 265 23 | 260 35 | 315 05 | 285 06 | 285 06 | 295 10 | 300 14 | 290 17 | ... | — | ... | ... | ... |
| Chaklala | — | 140 08 | 140 09 | 140 07 | 175 10 | 150 06 | 130 12 | ... | ... | | 040 04 | 050 04 | 065 06 | 079 08 | 065 08 | | 260 08 | 320 06 | 350 05 | 050 07 | 170 08 | ... | ... | ... | ... | ... |
| Chhor | 020 07 | 021 07 | 020 06 | 015 07 | 045 06 | 258 07 | 275 25 | 280 33 | 275 39 | 025 19 | 025 21 | 040 11 | 085 10 | 135 09 | 195 08 | 045 17 | 040 17 | 040 15 | 065 14 | 075 13 | 190 07 | 220 21 | 230 34 | 240 25 | 245 21 | 250 80 |
| Chittagong | 355 05 | 010 06 | 345 10 | 315 13 | 315 17 | 280 17 | — | ... | — | ... | — | — | ... | ... | ... | 035 04 | 020 06 | 020 10 | 300 17 | 280 29 | 265 21 | 275 22 | ... | ... | ... | ... |
| Cherat | ... | ... | ... | — | ... | ... | — | — | ... | | ... | | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 020 15 | 030 13 | 080 13 | 060 15 | 075 18 | — | ... | ... | ... | 005 19 | 005 14 | 015 13 | 330 15 | 310 12 | 305 18 | 010 06 | 015 14 | 020 12 | 310 15 | 320 15 | 310 22 | ... | ... | ... | ... | ... |
| Dacca | 320 10 | 350 66 | 355 08 | 305 13 | 305 14 | 295 23 | ... | ... | ... | 340 06 | 325 06 | 310 04 | ... | ... | ... | 250 08 | 352 10 | 320 08 | 310 19 | 320 08 | 280 26 | 280 35 | 270 44 | 261 30 | 275 60 | 275 97 |
| Dalbandin | ... | ... | 185 01 | 205 02 | 180 06 | 245 17 | 245 18 | 250 33 | 260 39 | ... | ... | 055 07 | 150 06 | 210 12 | 220 11 | ... | ... | 185 09 | 175 09 | 240 05 | 215 08 | 215 09 | ... | ... | ... | ... |
| D. I. Khan | 145 03 | 145 06 | 145 10 | 160 08 | 200 10 | 230 05 | 260 15 | 270 23 | 265 25 | 135 01 | 050 05 | 110 05 | 180 05 | 215 07 | 065 21 | 285 02 | 065 05 | 095 06 | 285 06 | | ... | — | ... | ... | ... | ... |
| Drosh | — | — | — | 050 02 | 225 04 | 215 02 | — | ... | — | ... | — | ... | ... | ... | ... | No | Ascent | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | ... | ... | — | 130 21 | ... | ... | ... | ... | ... | 050 05 | 030 05 | 285 02 | ... | ... | ... | 035 01 | 015 01 | 330 18 | 200 18 | 305 17 | 300 21 | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Ishurdi | 075 01 | 095 01 | 090 03 | 355 04 | 045 14 | 355 04 | ... | ... | ... | 010 05 | 315 03 | 315 05 | 270 19 | 275 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 195 03 | 195 04 | 195 05 | 189 05 | 220 06 | 250 15 | 270 00 | 265 35 | 260 44 | 055 04 | 065 03 | 115 03 | 160 03 | 165 04 | 200 12 | 090 11 | 130 10 | 130 08 | 145 06 | 165 04 | 200 13 | 240 31 | 235 10 | 221 09 | 235 40 | ... |
| Jessore | 350 09 | 345 04 | 340 06 | 315 33 | 305 14 | 315 13 | | | ... | 010 11 | 010 11 | 010 09 | 300 13 | 255 19 | 285 21 | 035 02 | 325 03 | 335 10 | 290 15 | 275 25 | 282 02 | 295 35 | 300 28 | 280 49 | 275 05 | — |
| Jhelum | 175 03 | 150 04 | 145 04 | 160 04 | 210 04 | 190 04 | 205 15 | 255 25 | 245 39 | 325 12 | 345 09 | 360 03 | 105 02 | 180 02 | 150 04 | 330 05 | 340 14 | 340 08 | 030 02 | 200 03 | 220 03 | 235 08 | 265 27 | 260 31 | 265 50 | 271 61 |
| Jiwani | 260 05 | 235 07 | 230 08 | 260 09 | 300 15 | 290 19 | 270 27 | 278 20 | 270 34 | 245 04 | 215 04 | 220 03 | 285 05 | 275 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi | 240 03 | 195 03 | 165 02 | 085 03 | 260 04 | 245 11 | 285 25 | 265 31 | 265 23 | ... | ... | ... | ... | ... | ... | 070 11 | 060 07 | 085 04 | 160 06 | 205 08 | 220 09 | 240 13 | 230 19 | 235 11 | ... | ... |
| Khanpur | 285 11 | 215 12 | 215 09 | 260 04 | 275 11 | 285 02 | 275 11 | 290 12 | 290 43 | 200 23 | 115 12 | 120 11 | 065 08 | 360 04 | 360 11 | 050 12 | 060 15 | 060 15 | 070 17 | 075 25 | 070 31 | 040 43 | 095 26 | 075 25 | 140 13 | 230 35 |
| Khuzdar | ... | ... | ... | 275 04 | 305 08 | 335 13 | 290 25 | 280 37 | 280 26 | — | — | ... | 155 03 | 225 03 | 240 12 | ... | ... | ... | 250 04 | 245 06 | 220 11 | 260 24 | 270 32 | 275 05 | 270 42 | 275 49 |
| Lahore | ... | ... | ... | ... | ... | ... | ... | ... | ... | 005 09 | 350 10 | 350 09 | 350 04 | 350 04 | 005 06 | 010 10 | 355 14 | 355 13 | 330 09 | 330 09 | 270 04 | 160 03 | 260 10 | 270 44 | 265 40 | 270 52 |
| Multan | 145 07 | 140 11 | 140 13 | 185 01 | 220 07 | 250 13 | 280 20 | 285 45 | 275 51 | 120 11 | 120 04 | 320 04 | 320 03 | 320 04 | 270 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah | 185 01 | 230 02 | 205 03 | 235 03 | 275 07 | 295 18 | 230 43 | 270 48 | 270 62 | 130 11 | 135 09 | 170 06 | 170 04 | 110 06 | 235 07 | 150 12 | 255 60 | 261 30 | 015 17 | 254 40 | 040 14 | 045 18 | ... | ... | ... | ... |
| Nokkundi | ... | ... | 145 04 | 095 03 | 250 07 | 240 10 | 255 22 | — | ... | ... | ... | 115 02 | 175 07 | 240 10 | 270 15 | 095 07 | 115 06 | 050 04 | 070 04 | 140 00 | 195 09 | 220 15 | 235 25 | 245 10 | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | . | ... | 115 06 | 175 04 | 185 03 | 180 08 | — | ... | ... | ... | ... |
| Peshawar | ... | 010 09 | 015 09 | 115 04 | 180 14 | 195 07 | 250 17 | 250 20 | ... | ... | 195 01 | 265 02 | 335 02 | 190 02 | 220 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | — | 220 03 | 255 02 | — | ... | ... | ... | — | ... | ... | 275 07 | 130 01 | ... | ... | 310 03 | 320 09 | 340 00 | 060 02 | 245 11 | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | — | 305 04 | 255 12 | 265 18 | 230 21 | — | No | Ascent | ... | ... | ... | ... | ... | — | ... | 255 01 | 235 01 | ... | ... | ... | ... | ... | ... |
| Sargodha | 105 05 | 115 04 | 125 04 | 170 15 | 165 05 | 245 10 | 235 15 | 260 24 | 265 16 | 070 06 | 085 03 | 085 09 | 035 01 | 250 04 | 265 14 | ... | ... | ... | 190 07 | 205 07 | ... | ... | ... | ... | ... | ... |
| Skardu | ... | ... | ... | 355 01 | 365 02 | 250 03 | 304 06 | 280 12 | 066 05 | ... | — | ... | 015 02 | 005 03 | ... | 015 04 | 020 09 | 020 08 | 105 02 | 210 06 | 215 05 | 270 13 | 255 23 | 255 35 | 265 52 | 305 21 |
| Sylhet | 300 11 | 295 11 | 290 05 | 230 03 | 215 07 | 080 04 | — | — | ... | 090 05 | 110 02 | 285 02 | 280 12 | 275 23 | 285 27 | 110 06 | 095 03 | 290 05 | 190 09 | 295 21 | 275 28 | ... | ... | ... | ... | ... |
| Veraval | ... | — | — | — | ... | — | — | ... | — | ... | — | ... | — | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 315 06 | 290 04 | 165 04 | 165 04 | 180 04 | 330 15 | 240 14 | 240 24 | 250 20 | 250 20 | 250 47 | — | — | ... | ... | — | — | — |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

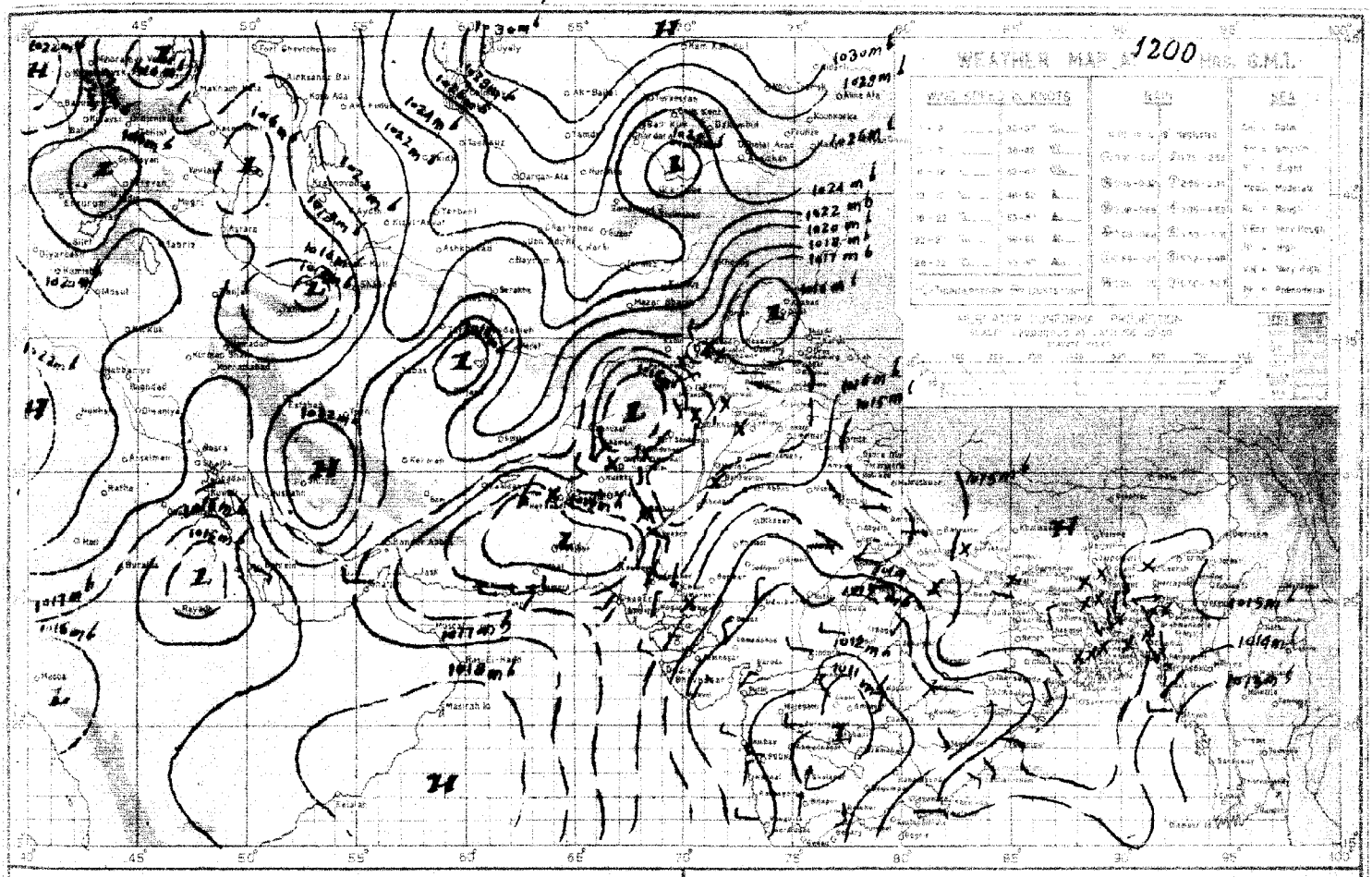
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

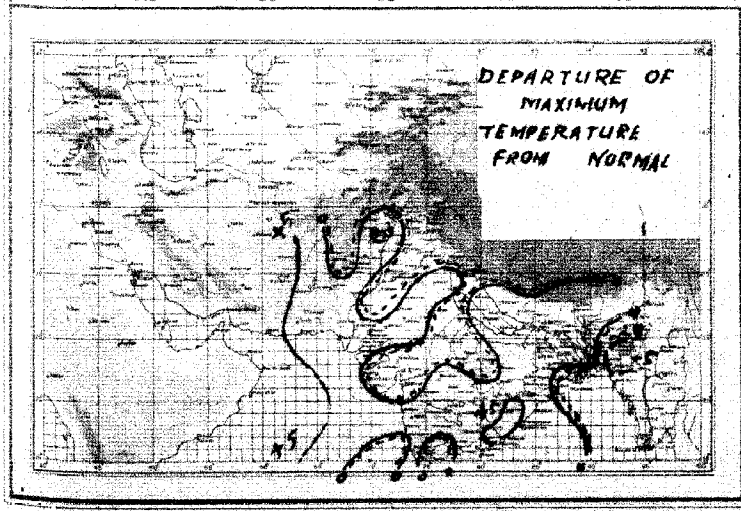
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

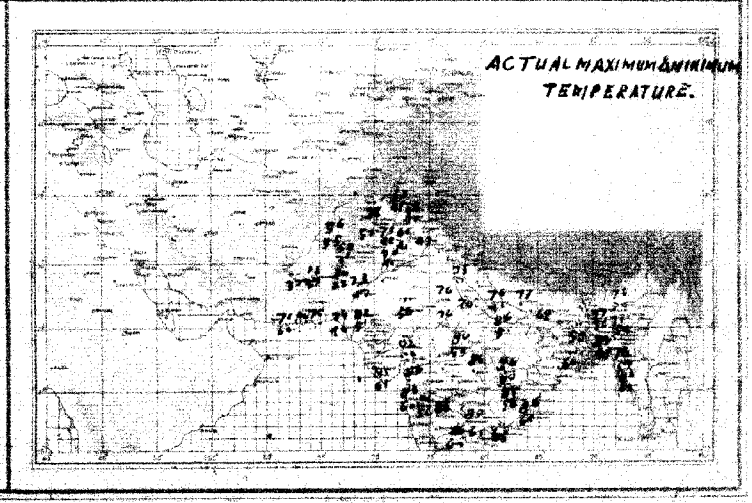
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Centre (Air Port, KARACHI—1)

# PAKISTAN DAILY WEATHER MAP

FRIDAY 16th JANUARY, 1970



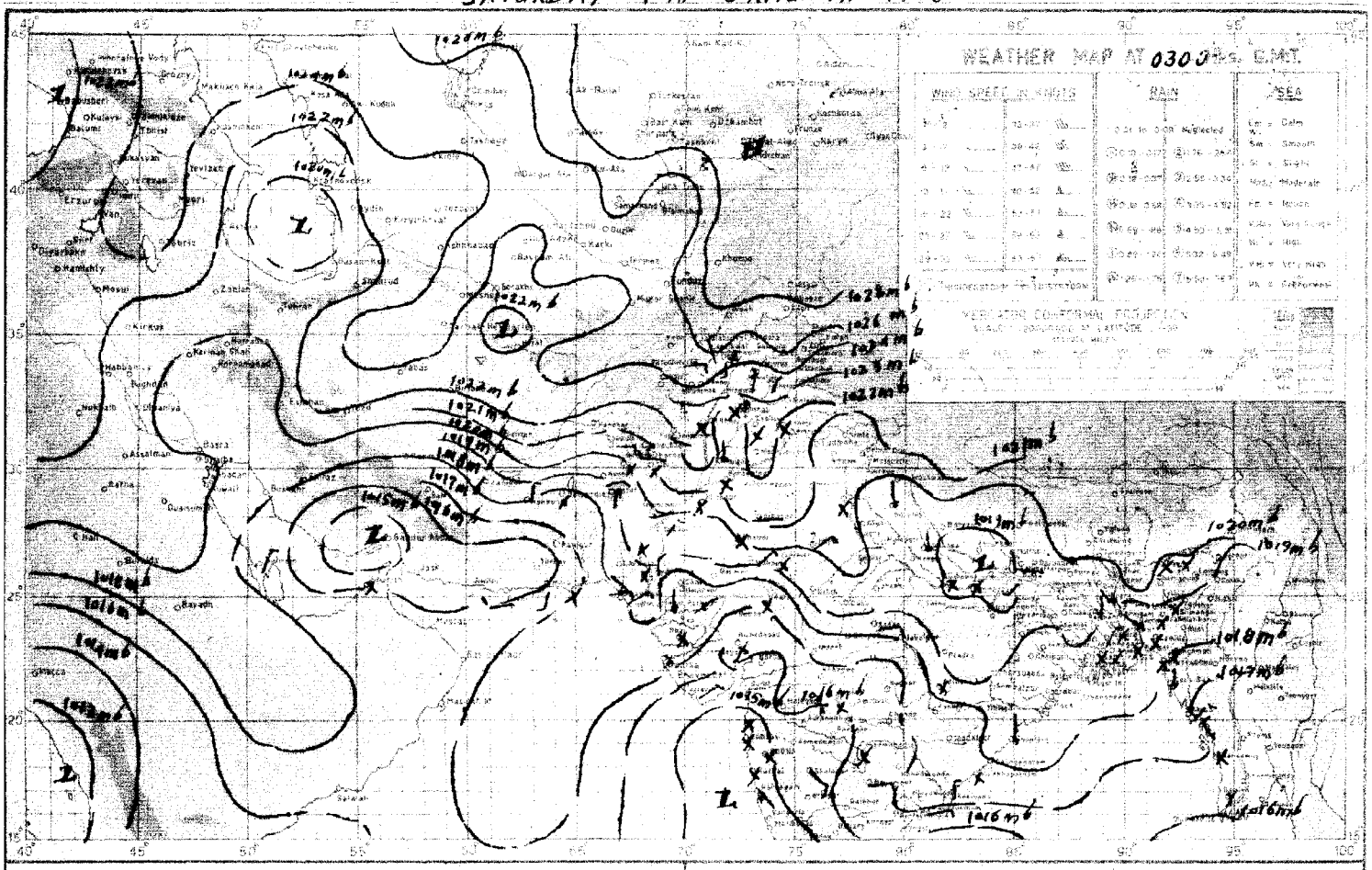




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SATURDAY 17th JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SUNDAY THE 18th JANUARY 1970.**

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

Yesterday's trough of low pressure over Sargodha division is moving away eastwards across Kashmir. The western disturbance over southeast Iran now lies over Quetta and Kalat divisions with its trough extending to Peshawar division. It has induced a secondary over the Gulf of Oman and adjoining areas.

Rain has been scattered in Karachi division. A few falls of light rain/thundershowers occurred in Quetta, Kalat and Khairpur divisions. Ormara recorded ½" of rain. Weather remained dry in East Pakistan.

Night temperatures were 7—9 °F (2—5 °C) above normal in Chittagong, Khulna and Rawalpindi divisions and 3—6 °F (2—3 °C) so in Dacca, Rajshahi, Lahore, D. I. Khan, Kalat, Hyderabad and Khairpur divisions and were 3—4 °F (2 °C) below normal in Sargodha division.

**Forecast valid until the evening of 19th January 1970** :—Rain/thundershowers with snowfall over the hills will be fairly widespread in Quetta, D. I. Khan divisions and scattered in Kalat, Khairpur Peshawar, Rawalpindi divisions. A few thunderstorms/showers likely elsewhere in West Pakistan and Kashmir. Weather will remain dry elsewhere in East Pakistan.

Karachi-11
The 18th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 36 | 02 | // | 01 | 0 | 156 | 76 | 1 | 1 | 7 | 0 | 0 | 58 | 82 |
| | Cox's Bazar | 000 | 0 | 5 | 31 | 02 | // | 02 | 2 | 151 | 73 | 2 | 0 | 9 | 3 | 1 | 63 | 82 |
| | Chittagong | 000 | 0 | 6 | 27 | 02 | // | 03 | 1 | 155 | 73 | 0 | 0 | 9 | 0 | 4 | 59 | 77 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 146 | 77 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 161 | 77 | 0 | 0 | 9 | 0 | 0 | 76 | 80 |
| | Brahmanbaria | 000 | 0 | 6 | 00 | 00 | // | 03 | 1 | 155 | 76 | 0 | 0 | 9 | 0 | 5 | 70 | 80 |
| | Sylhet | 000 | 0 | 5 | 00 | 00 | // | 02 | 0 | 149 | 70 | 0 | 0 | 9 | 2 | 2 | 58 | 76 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 152 | 64 | 0 | 0 | 9 | 0 | 0 | 63 | 78 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | /// | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Narayanganj | 000 | 0 | 5 | 31 | 02 | // | 02 | 2 | 147 | 72 | 5 | 6 | 6 | 0 | 0 | 58 | 80 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 154 | 76 | 2 | 0 | 9 | 0 | 2 | 58 | 82 |
| | Faridpur | 000 | 0 | 4 | 34 | 02 | 93 | 01 | 1 | 126 | 72 | 2 | 5 | 6 | 1 | 0 | 60 | 78 |
| Khulna | Barisal | 000 | 0 | 7 | 00 | 00 | 94 | 02 | 2 | 154 | 72 | 2 | 5 | 5 | 0 | 5 | 64 | 80 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 161 | 78 | 0 | 0 | 9 | 0 | 0 | 63 | 82 |
| | Satkhira | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 144 | 72 | 2 | 2 | 9 | 0 | 0 | 63 | 80 |
| | Jessore | 000 | 0 | 6 | 36 | 05 | 96 | 03 | 2 | 159 | 76 | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| Rajshahi | Pabna | 000 | 0 | 6 | 00 | 00 | // | 03 | 1 | 150 | 73 | 6 | 0 | 9 | 6 | 0 | 40 | 80 |
| | Sirajganj | 000 | 0 | 6 | 00 | 00 | // | 02 | 2 | 156 | 73 | 6 | 0 | 7 | 6 | 0 | 60 | 78 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 160 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 78 |
| | Bogra | 000 | 0 | 3 | 00 | 00 | // | 01 | 1 | 154 | 70 | 0 | 0 | 9 | 0 | 2 | 58 | 78 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 151 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| | Rangpur | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 140 | 56 | 2 | 0 | 9 | 1 | 0 | 50 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 00 | 00 | 95 | 03 | 0 | 191 | 70 | 0 | 0 | 9 | 0 | 4 | 36 | 72 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 245 | 61 | 0 | 0 | 9 | 0 | 0 | 16 | // |
| Rawalpindi | Jhelum | 000 | 0 | 3 | 31 | 03 | 97 | 03 | 0 | 187 | 70 | 0 | 0 | 9 | 0 | 2 | 32 | 72 |
| | Islamabad | 000 | 0 | 4 | 27 | 02 | 97 | 02 | 0 | /// | 60 | 3 | 3 | 7 | 4 | 0 | 34 | 60 |
| | Rawalpindi | 000 | 0 | 4 | 27 | 03 | 99 | 03 | 2 | 207 | 60 | 0 | 0 | 9 | 0 | 4 | 38 | 67 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 199 | 60 | 0 | 0 | 9 | 0 | 0 | 50 | 70 |
| | Sargodha | 000 | 0 | 7 | 06 | 03 | 97 | 03 | 1 | 196 | 60 | 0 | 0 | 9 | 0 | 2 | 47 | 73 |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 95 | 02 | 0 | 202 | 67 | 0 | 0 | 9 | 0 | 4 | 47 | 70 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 202 | 67 | 2 | 5 | 6 | 3 | 1 | 45 | 70 |
| | Leiah | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 174 | 72 | 0 | 0 | 9 | 0 | 0 | 45 | 72 |
| Bahawalpur | Khanpur | 000 | 0 | 6 | 05 | 07 | 97 | 03 | 2 | 190 | 70 | 2 | 5 | 6 | 3 | 1 | 43 | 72 |
| | Bahawalpur | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 187 | 70 | 0 | 0 | 9 | 0 | 0 | 47 | 70 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Chakdra | 000 | 0 | 0 | 09 | 09 | 98 | 02 | 0 | 146 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 54 |
| | Peshawar | 000 | 0 | 7 | 31 | 02 | 98 | 03 | 2 | 186 | 60 | 1 | 1 | 6 | 3 | 0 | 47 | 72 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | 000 | 0 | 6 | 18 | 01 | 98 | 02 | 2 | 216 | 63 | 2 | 1 | 7 | 6 | 0 | 43 | 64 |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 189 | 71 | 4 | 2 | 9 | 4 | 2 | 42 | 72 |
| | Nokkundi | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 135 | 66 | 6 | 0 | 9 | 4 | 0 | 31 | 68 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 02 | 96 | 00 | 0 | /// | 72 | 0 | 2 | 9 | 0 | 0 | 50 | 72 |
| | Jiwani | 003 | 0 | 8 | 13 | 07 | 96 | 02 | 9 | 153 | 70 | 6 | 8 | 6 | 0 | 0 | 40 | 72 |
| | Pasni | 000 | 0 | 7 | 11 | 00 | 97 | 02 | 0 | 159 | 71 | 0 | 4 | 0 | 7 | 0 | 57 | 80 |
| Karachi division | Ormara | 000 | 0 | 7 | 09 | 05 | 96 | 06 | 6 | 174 | 72 | 2 | 8 | 6 | 0 | 0 | 54 | 73 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 5 | 33 | 03 | 97 | 03 | 0 | 158 | 75 | 0 | 0 | 9 | 0 | 4 | 54 | 81 |
| | Karachi (Airport) | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 163 | 77 | 0 | 0 | 9 | 0 | 1 | 35 | 79 |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chhor | 000 | 0 | 0 | 36 | 09 | 96 | 02 | 0 | 138 | 79 | 0 | 0 | 9 | 0 | 0 | 41 | [illegible] |
| | Hyderabad | 000 | 0 | 3 | 36 | 07 | 97 | 03 | 0 | 167 | 75 | 1 | 0 | 9 | 3 | 1 | 38 | 77 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 57 | 02 | 0 | 156 | 79 | 0 | 0 | 9 | 0 | 0 | 31 | 80 |
| Khairpur | Padidan | 000 | 0 | 0 | 05 | 03 | 96 | 03 | 0 | 174 | 75 | 0 | 0 | 9 | 0 | 1 | 36 | 76 |
| | Nawabshah | 000 | 0 | 3 | 36 | 07 | 96 | 03 | 0 | 189 | 75 | 3 | 5 | 9 | 0 | 0 | 41 | 78 |
| | Sukkur | 000 | 0 | 0 | 20 | 05 | 95 | 05 | 4 | 176 | 73 | 6 | 0 | 9 | 6 | 0 | 44 | 75 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 4 | 05 | 05 | 97 | 02 | 1 | 191 | 71 | 0 | 0 | 6 | 0 | 7 | 43 | 73 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Cherat * | 000 | 0 | 2 | 05 | 07 | 97 | 08 | 1 | 459 | 56 | 2 | 5 | 7 | 0 | 0 | 30 | 66 |
| | Kakul * | 000 | 0 | 2 | 34 | 05 | 97 | 01 | 1 | 345 | 50 | 1 | 0 | 9 | 4 | 1 | 29 | 56 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Parachinar * | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 562 | 43 | 7 | 7 | 5 | 0 | 0 | 29 | 45 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 550 | 59 | 0 | 0 | 9 | 0 | 0 | 39 | 60 |
| | Wana * | 000 | 0 | 4 | 13 | 02 | 98 | 03 | 0 | 500 | 51 | 6 | 2 | 8 | 0 | 0 | 43 | 54 |
| Quetta | Fort Sandeman * | 000 | 0 | 6 | 02 | 05 | 97 | 01 | 2 | 522 | 50 | 3 | 4 | 7 | 2 | 0 | 31 | 51 |
| | Hindubagh * | 000 | 0 | 7 | 20 | 13 | 97 | 03 | 0 | /// | 47 | 7 | 2 | 5 | 0 | 0 | 13 | 48 |
| | Loralai * | 000 | 0 | 8 | 12 | 05 | 98 | 01 | 0 | 560 | 50 | 0 | 1 | 9 | 0 | 0 | 44 | 52 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 511 | 58 | 0 | 0 | 5 | 0 | 0 | 39 | 61 |
| | Samungli (Quetta) * | 000 | 0 | 7 | 18 | 09 | 96 | 03 | 2 | 517 | 49 | 7 | 5 | 6 | 0 | 0 | 33 | 53 |
| | Chaman * | 000 | 0 | 0 | 13 | 05 | 96 | 00 | 0 | 528 | 53 | 0 | 0 | 9 | 0 | 0 | 38 | 56 |
| | Nushki * | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 550 | 62 | 0 | 0 | 9 | 0 | 2 | 48 | 59 |
| | Dalbandin * | 000 | 0 | 7 | 00 | 00 | 98 | 03 | 0 | 510 | 64 | 7 | 6 | 6 | 0 | 0 | 37 | 64 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 2 | 511 | 44 | 0 | 0 | 9 | 0 | 0 | 21 | 52 |
| | Khuzdar * | 000 | 0 | 0 | 06 | 08 | 97 | 02 | 2 | 500 | 35 | 4 | 5 | 6 | 2 | 0 | 25 | 37 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 4 | 36 | 02 | 97 | 40 | 4 | 225 | 64 | 3 | 4 | 6 | 2 | 0 | 60 | 60 |
| | Cox's Bazar | 000 | 0 | 7 | 36 | 10 | 95 | 01 | 2 | 195 | 69 | 1 | 3 | 5 | 4 | 3 | 59 | 60 |
| | Chittagong | 000 | 0 | 6 | 36 | 02 | 96 | 02 | 2 | 206 | 64 | 0 | 0 | 9 | 0 | 2 | 58 | 59 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 194 | 79 | 0 | 0 | 9 | 0 | 0 | 69 | 59 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 203 | 64 | 0 | 0 | 9 | 0 | 0 | 41 | 60 |
| | Brahmanbaria | 000 | 0 | 4 | 13 | 02 | 97 | 03 | 1 | 217 | 69 | 0 | 0 | 9 | 0 | 5 | 64 | 58 |
| | Sylhet | 000 | 0 | 3 | 05 | 05 | 96 | 02 | 0 | 122 | 51 | 0 | 0 | 9 | 0 | 1 | 54 | 56 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 201 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 47 |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 222 | 68 | 4 | 0 | 8 | 2 | 0 | 59 | 56 |
| | Narayanganj | 000 | 0 | 0 | 20 | 01 | 97 | 02 | 1 | 218 | 73 | 1 | 6 | 6 | 3 | 1 | 59 | 59 |
| | Dacca (Tejgaon) | 000 | 0 | 4 | 00 | 00 | 96 | 10 | 4 | 215 | 64 | 0 | 0 | 9 | 0 | 1 | 60 | 56 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 209 | 69 | 3 | 0 | 9 | 0 | 0 | 62 | 56 |
| Khulna | Barisal | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 2 | 209 | 64 | 2 | 4 | 4 | 0 | 7 | 59 | 56 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 149 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 69 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jessore | 000 | 0 | 3 | 02 | 05 | 96 | 05 | 4 | 209 | 64 | 1 | 0 | 9 | 3 | 0 | 59 | 53 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 204 | 62 | 0 | 0 | 9 | 8 | 3 | 59 | 56 |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dinajpur | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 211 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 56 |
| | Rangpur | 000 | 0 | 0 | 05 | 02 | 96 | 01 | 0 | 200 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 49 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 02 | 95 | 02 | 0 | 200 | 49 | 2 | 9 | 5 | 3 | 1 | 40 | 41 |
| | Sialkot | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 207 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Islamabad | 000 | 0 | 3 | 00 | 08 | 97 | 01 | 0 | /// | // | 2 | 3 | 8 | 2 | 0 | 30 | 42 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 01 | 2 | 210 | 50 | 2 | 0 | 9 | 3 | 8 | 40 | 47 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 216 | 41 | 0 | 0 | 9 | 0 | 0 | 40 | 38 |
| | Sargodha | 000 | 0 | 0 | 27 | 03 | 97 | 03 | 1 | 210 | 42 | 1 | 0 | 9 | 3 | 2 | 38 | 41 |
| | Lyallpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 224 | 45 | 2 | 0 | 9 | 3 | 2 | 40 | 41 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 03 | 05 | 96 | 02 | 2 | 210 | 52 | 1 | 5 | 6 | 3 | 1 | 42 | 41 |
| | Bahawalpur | 000 | 0 | 4 | 00 | 00 | 98 | 02 | 0 | 223 | 54 | 0 | 8 | 5 | 7 | 0 | 41 | 43 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 150 | 61 | 0 | 8 | 9 | 0 | 0 | 52 | // |
| Peshawar | Chakdra | 000 | 0 | 0 | 05 | 05 | 97 | 03 | 0 | 233 | 38 | 0 | 0 | 9 | 0 | 0 | 34 | 38 |
| | Peshawar | 000 | 0 | 7 | 09 | 03 | 97 | 03 | 0 | 235 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 41 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 254 | 47 | 0 | 0 | 9 | 0 | 0 | 36 | 41 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 46 | 01 | 98 | 03 | 1 | 227 | 47 | 0 | 0 | 9 | 6 | 0 | 40 | 47 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 211 | 43 | 3 | 0 | 9 | 2 | 1 | 40 | 45 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 215 | 48 | 4 | 2 | 9 | 6 | 2 | 46 | 45 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 5 | 169 | 54 | 4 | 5 | 6 | 0 | 0 | 46 | 47 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani | 000 | 0 | 7 | 09 | 03 | 96 | 17 | 9 | 161 | 61 | 1 | 9 | 6 | 0 | 0 | 58 | 59 |
| | Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi division | Ormara | 000 | 7 | 0 | 00 | 00 | 95 | 01 | 2 | 193 | 59 | 7 | 7 | 5 | 0 | 0 | 57 | // |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Airport) | 000 | 0 | 6 | 05 | 12 | 98 | 03 | 0 | 164 | 64 | 6 | 0 | 9 | 2 | 0 | 44 | 51 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 104 | 61 | 6 | 6 | 6 | 0 | 0 | 59 | 61 |
| | Chhor | 000 | 0 | 0 | 01 | 07 | 96 | 02 | 0 | 173 | 60 | 0 | 0 | 9 | 0 | 0 | 44 | 43 |
| | Hyderabad | 000 | 0 | 8 | 36 | 09 | 97 | 02 | 2 | 186 | 57 | 0 | 0 | 9 | 3 | 0 | 45 | 52 |
| | Badin | 000 | 0 | 8 | 36 | 09 | 97 | 02 | 2 | 188 | 56 | 0 | 0 | 9 | 0 | 0 | 42 | 51 |
| Khairpur | Padidan | 000 | 0 | 6 | 36 | 03 | 96 | 03 | 1 | 208 | 55 | 6 | 0 | 9 | 7 | 0 | 47 | // |
| | Nawabshah | 000 | 0 | 6 | 31 | 09 | 96 | 02 | 0 | 200 | 54 | 3 | 0 | 9 | 2 | 0 | // | // |
| | Sukkur | 000 | 0 | 7 | 05 | 05 | 96 | 93 | 2 | 208 | 58 | 7 | 0 | 9 | 9 | 0 | 46 | 55 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 7 | 27 | 02 | 96 | 03 | 2 | 207 | 58 | 7 | 0 | 9 | 5 | 0 | 46 | 51 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh * | 000 | 3 | 12 | 03 | 07 | 97 | 03 | 0 | 596 | 51 | 0 | 0 | 9 | 0 | 4 | 53 | 51 |
| | Cherat * | 000 | 0 | 0 | 05 | 05 | 97 | 03 | 1 | 532 | 39 | 5 | 5 | 7 | 4 | 1 | 27 | 38 |
| | Kakul * | 000 | 0 | 0 | 02 | 02 | 98 | 03 | 1 | 542 | 43 | 0 | 0 | 9 | 0 | 5 | 26 | 40 |
| | Landikotal * | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 614 | 45 | 0 | 0 | 9 | 0 | 0 | 28 | 24 |
| | Parachinar * | 000 | 0 | 5 | 00 | 00 | 98 | 03 | 0 | 554 | // | 0 | 0 | 9 | 0 | 3 | 30 | 51 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 544 | 43 | 0 | 0 | 9 | 0 | 0 | 30 | 40 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 01 | 0 | 520 | 32 | 6 | 2 | 8 | 0 | 0 | 30 | 32 |
| Quetta | Fort Sandeman * | 000 | 0 | 4 | 00 | 00 | 96 | 05 | 2 | 530 | 32 | 2 | 5 | 7 | 2 | 0 | 19 | 29 |
| | Hindubagh * | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | /// | 26 | 8 | 8 | 4 | 0 | 0 | // | 18 |
| | Loralai * | 000 | 0 | 0 | 27 | 03 | 97 | 01 | 0 | 552 | 33 | 0 | 1 | 9 | 0 | 0 | 30 | 30 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 510 | 56 | 0 | 0 | 6 | 0 | 0 | 42 | 42 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 13 | 09 | 96 | 03 | 2 | 527 | 41 | 3 | 5 | 6 | 2 | 1 | 37 | 35 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 516 | 42 | 0 | 0 | 9 | 0 | 0 | 35 | 35 |
| | Nushki * | 000 | 0 | 6 | 07 | 03 | 97 | 01 | 0 | 541 | 47 | 0 | 0 | 9 | 0 | 3 | 36 | 46 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 97 | 51 | 5 | 508 | 50 | 3 | 5 | 7 | 2 | 7 | 40 | 42 |
| Kalat | Kalat * | 000 | 0 | 0 | 05 | 02 | 57 | 00 | 2 | 544 | 32 | 0 | 0 | 9 | 0 | 0 | 37 | 30 |
| | Khuzdar * | 000 | 0 | 0 | 13 | 03 | 96 | 03 | 1 | 520 | 45 | 3 | 5 | 6 | 2 | 0 | 37 | 40 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

### Departure from Normal of / Rainfall

| Divisions (1) | Stations (2) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | 1.5 | — | 0.0 | — |
| | Cox's Bazar | + 2 | + 3 | 0.7 | — 3.5 | 0.0 | 140 |
| | Chittagong | — 2 | + 4 | 1.3 | — 1.7 | 0.0 | 108 |
| | Maijdee Court | + 2 | + 1 | — | — | — | 115 |
| | Comilla | + 1 | + 6 | 0.5 | — 1.2 | 0.0 | 94 |
| | Brahmanbaria | — | — | 1.3 | — 0.1 | 0.0 | 78 |
| | Sylhet | — | — | 2.3 | — | 0.7 | — |
| | Srimangal | — 3 | — 1 | 1.6 | — 0.1 | 0.1 | 98 |
| Dacca | Mymensingh | + 1 | + 3 | 0.3 | — 0.7 | 0.0 | 91 |
| | Narayanganj | — | + 4 | 1.4 | + 0.2 | 0.1 | 74 |
| | Dacca (Tejgaon) | + 2 | — | 1.4 | — | 0.1 | — |
| | Faridpur | — | + 3 | 2.1 | + 0.7 | 0.5 | 71 |
| Khulna | Barisal | + 3 | + 1 | 0.9 | — 0.9 | 0.0 | 81 |
| | Khulna | + 2 | + 9 | 1.3 | — 0.1 | 0.0 | 68 |
| | Satkhira | 0 | | | | | 65 |
| | Jessore | — | — | 1.3 | + 0.1 | 0.2 | 65 |
| Rajshahi | Pabna | — | | | | | 59 |
| | Sirajganj | — | + 4 | 0.3 | — 0.5 | 0.2 | 64 |
| | Rajshahi | + 2 | | | | | — |
| | Bogra | + 2 | + 4 | 1.3 | + 0.3 | 0.0 | 69 |
| | Dinajpur | 0 | | | | | 72 |
| | Rangpur | 0 | — 1 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | — 2 | + 6 | 0.0 | — 1.1 | 0.0 | 19 |
| | Sialkot | — | 0 | 0.0 | — 1.8 | 0.0 | 32 |
| Rawalpindi | Jhelum | — | — | 0.3 | — 2.0 | 0.2 | — |
| | Islamabad | | | | | | — |
| | Rawalpindi | + 5 | + 6 | 0.3 | — 1.1 | 0.2 | 36 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | + 2 | — 4 | 0.0 | — 0.8 | 0.0 | 15 |
| | Sargodha | — | — | 0.1 | — | 0.0 | — |
| | Lyallpur | + 3 | | | | | 12 |
| Multan | Sahiwal | | | | | | 18 |
| | Multan | + 2 | — 1 | 0.0 | — 0.4 | 0.0 | 7 |
| | Leiah | | | | | | 8 |
| Bahawalpur | Khanpur | 0 | — | 0.3 | 0.0 | 0.0 | 6 |
| | Bahawalpur | — 1 | + 2 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas | — | — | — | — | | 8 |
| Peshawar | Chakdra | — | — | — | — | — | — |
| | Peshawar | + 4 | — 8 | 0.7 | — 0.8 | 0.3 | 11 |
| | Haripur | — | | — | — | — | — |
| D. I. Khan | Bannu | — | — | — | — | — | 11 |
| | D. I. Khan | — | + 2 | 0.1 | — 0.5 | 0.1 | 9 |
| Quetta | Sibi | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | — | — | 0.0 | — | 0.0 | 3 |
| Kalat | Turbat | — | — | 6.7 | — | 5.9 | 3 |
| | Jiwani | + 5 | | | | | 6 |
| | Pasni | — | | | | | 6 |
| Karachi division | Ormara | — | — | 0.7 | — 0.7 | 0.7 | 4 |
| | Lasbela | + 6 | | | | | 5 |
| | Karachi (Manora) | — | — | 0.1 | — | 0.1 | 8 |
| | Karachi (Airport) | — | — | — | — | — | — |
| Hyderabad | Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| | Chhor | + 3 | + 1 | 0.1 | 0.0 | 0.1 | 7 |
| | Hyderabad | + 1 | | | | | 9 |
| | Badin | + 2 | 0 | 0.0 | — 0.3 | 0.0 | — |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | | — | — | — | 4 |
| | Sukkur | — | — | 0.0 | — | 0.0 | — |
| | Kashmore | | | | | | 4 |
| | Jacobabad | — | + 6 | 0.1 | — 0.1 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | 36 |
| | **HILL STATIONS** | | | | | | |
| Kashmir | Srinagar * | | | | | | — |
| | Gulmarg ** | | | | | | 71 |
| | Sonamarg ** | | | | | | 86 |
| | Dras ** | | | | | | 2 |
| | Leh ** | | | | | | 6 |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | — |
| | Aliabad * | | | | | | 5 |
| | Gilgit * | | | | | | 89 |
| Rawalpindi | Murree * | | | | | | 18 |
| Peshawar | Drosh * | — | — | — | — | — | 29 |
| | Cherat * | + 7 | — 1 | 0.6 | — 2.3 | 0.8 | — |
| | Kakul * | — | — | 1.3 | — | 0.2 | — |
| | Landikotal * | — | — | 0.7 | — | 0.1 | 29 |
| | Parachinar * | — 5 | — | — | — | — | 18 |
| D.I. Khan | Miranshah * | — | — | — | — | — | 11 |
| | Wana * | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | — 1 | — 3 | 0.2 | — 0.7 | 0.2 | — |
| | Hindubagh * | — | — | 0.7 | — | 0.5 | 9 |
| | Loralai * | — | — | 0.1 | — | 0.0 | — |
| | Barkhan * | — | | | | | 14 |
| | Harnai * | — | — | 0.0 | — 1.4 | 0.0 | 9 |
| | Samungli (Quetta) * | — | — | 1.5 | — 0.7 | 0.0 | 9 |
| | Chaman * | + 4 | + 1 | 6.3 | + 3.7 | 6.3 | — |
| | Nushki * | — 1 | — | 1.3 | — | 1.1 | 6 |
| | Dalbandin * | — | + 5 | 0.4 | — 0.7 | 0.5 | 7 |
| Kalat | Kalat * | + 2 | + 4 | 0.8 | — 1.1 | 0.8 | — |
| | Khuzdar * | — | — | 0.6 | — | 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 0300 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 18th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_a L_a L_o$ | $Q_c L_a L_o L_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_h C_L h C_M C_H$ | $D_v V_s a$ PP | 7RR $t_R t_R t_R$ | 8$N_s Ch_s h_s$ | OT$_s$T$_s$T$_s$T$_d$ | 1T$_w$T$_w$T$_{wx}$T | 3P$_w$P$_w$H$_w$H$_w$ | d$_w$d$_w$P$_w$H$_w$H$_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Diamas ... ... | 99 2 03 | 18 6 21 | 17 1 23 | 50 4 04 | 98 0 21 | 14 6 23 | 11 4 81 | | | | 0 / / 16 | 12 5 00 | 30 1 81 | 00 / 00 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
| | | $P_0P_0P_0$ $T_0T_0T_0$ $D_0D_0$ | hhh TTT$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 014 156 20 | ... | 310 092 56 | 120 014 57 | 576 125 57 | 743 223 57 | 949 338 56 | 219 561 / / | 396 703 / / | ... | ... | ... | ... |
| Dacca ... | 00 00 | 016 154 14 | ... | 590 128 60 | 119 049 65 | 581 011 68 | 753 191 63 | 960 301 62 | 236 515 / / | 419 685 / / | 611 741 / / | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 013 174 61 | ... | 800 054 56 | 051 055 / / | 562 195 / / | 724 301 / / | 923 421 / / | 190 621 / / | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 006 072 42 | ... | 500 090 57 | 206 011 57 | 570 165 / / | 735 241 / / | 540 351 / / | 215 451 / / | 401 521 / / | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 979 060 30 | ... | 500 090 31 | 108 010 12 | 570 102 / / | 740 195 / / | 946 343 / / | 219 477 / / | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 922 052 57 | ... | ... | 067 097 / / | 559 269 / / | 716 307 / / | 900 523 / / | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 997 090 56 | ... | 480 060 55 | 059 044 59 | 564 191 / / | 727 285 / / | 929 391 / / | 209 485 / / | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT T$_a$ DD | | | | | | | | $P_mP_mP_m$ $d_md_md_m$ $f_mf_mf_m$ | $P_tT_tP_tT_tT_{tx}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 132 47 | 800 060 56 | 600 051 56 | 350 277 56 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 156 62 | 600 092 61 | 600 008 66 | 350 265 66 | 250 074 07 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 830 052 57 | 600 167 / / | 350 483 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | As 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | As 0000 hrs. G.M.T. † of date (dd ff) | | | | | | As 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 075 01 | 045 03 | 345 66 | 310 12 | ... | ... | ... | ... | ... | 290 03 | 285 08 | 285 04 | 350 86 | 369 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | 275 06 | 265 05 | 275 05 | 295 16 | 280 25 | 280 23 | ... | ... | ... | 310 03 | 270 04 | 240 06 | 285 13 | 288 17 | 270 21 | 295 03 | 260 04 | 160 07 | 290 11 | 290 17 | 290 25 | 265 35 | 270 39 | 265 42 | ... | ... |
| Chaklala ... | ... | 310 10 | 345 03 | 270 06 | 335 86 | 275 45 | 270 21 | 260 20 | 260 56 | ... | 345 06 | 330 05 | 360 03 | 290 23 | 275 81 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 060 24 | 070 32 | 090 27 | 090 11 | 085 08 | 105 06 | 040 13 | 035 15 | 030 17 | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 345 09 | 355 09 | 360 06 | 015 06 | 050 04 | 080 04 | ... | ... | ... | 011 12 | 000 17 | 030 17 | 035 22 | 045 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 295 06 | 305 06 | 295 08 | 300 15 | 285 15 | 275 23 | ... | ... | ... | 045 05 | 320 09 | 320 08 | ... | ... | ... | 015 02 | 020 03 | 300 03 | 305 04 | 300 07 | 330 14 | 280 23 | 280 27 | 280 31 | 275 36 | 270 49 |
| Dalbandin ... | ... | ... | 190 05 | 180 11 | 180 11 | ... | ... | ... | ... | ... | ... | 210 12 | 285 15 | 260 20 | 190 17 | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 325 03 | 015 03 | 025 04 | 035 09 | 030 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 315 06 | 325 10 | 335 09 | 345 05 | 030 06 | 075 05 | 240 06 | 220 08 | 240 33 | 285 13 | 240 29 |
| Dresh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 030 01 | 045 01 | 065 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 015 08 | 015 07 | 210 05 | 210 26 | 225 30 | 230 27 | ... | ... | ... | 046 06 | 015 08 | 255 08 | ... | ... | ... | 320 11 | 080 04 | 190 06 | 180 08 | 230 14 | 230 17 | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 340 03 | 065 02 | 360 04 | 310 11 | 310 15 | 335 29 | ... | ... | ... | 050 09 | 060 09 | 225 02 | 260 03 | 275 10 | 265 17 | 025 05 | 020 04 | 270 05 | 290 08 | 305 09 | 270 15 | ... | ... | ... | ... | ... |
| Jacobabad ... | 065 10 | 080 09 | 095 11 | 095 11 | 119 08 | 125 13 | 215 23 | 245 31 | 235 38 | 015 08 | 055 11 | 045 14 | 065 14 | 055 07 | 110 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | 240 12 | 275 20 | 280 25 | ... | ... | ... | ... | ... | ... | 035 07 | 025 07 | 340 06 | 315 11 | 305 15 | 280 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 315 08 | 315 04 | 315 07 | 290 12 | 350 08 | 280 12 | 295 02 | 265 04 | 280 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 185 04 | 145 04 | 135 06 | 230 06 | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 045 05 | 155 06 | 070 06 | 075 05 | 171 04 | 260 18 | 250 24 | 245 29 | 245 51 | ... | ... | ... | ... | ... | ... | 055 23 | 060 25 | 045 30 | 040 35 | 070 28 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 015 03 | 015 03 | 020 17 | 020 20 | 050 13 | 120 16 | 155 16 | ... | ... | 020 12 | 010 12 | 010 12 | 015 13 | ... | ... | 045 13 | 061 07 | 065 20 | 085 12 | 095 08 | 280 04 | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 07 | 120 17 | 255 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 010 05 | 350 06 | 345 06 | 340 07 | 340 05 | 345 07 | 330 05 | 280 04 | 300 06 | 350 10 | 350 20 | 335 18 | 345 09 | 330 06 | ... | 330 12 | 345 18 | 345 19 | 320 16 | 310 17 | 310 10 | 010 09 | 004 08 | 240 10 | 235 15 | 240 17 |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 045 19 | 360 21 | 025 18 | 335 05 | 305 04 | 230 16 | 025 13 | 025 17 | 020 20 | 010 52 | 020 08 | 125 01 | 195 11 | 185 23 | 205 35 | 225 15 | 215 27 |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 255 19 | 033 24 | 052 24 | 085 13 | 090 09 | 190 19 | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 085 08 | 170 10 | 185 15 | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 320 06 | 335 08 | 225 10 | 350 04 | 255 08 | 250 13 | ... | ... | ... | 150 04 | 100 04 | 005 02 | 070 03 | 010 07 | ... | 125 06 | 310 08 | 315 16 | 300 09 | 055 06 | 190 06 | 230 14 | 240 23 | 245 39 | ... |
| Parachinar ... | ... | ... | ... | 150 01 | 060 02 | 260 12 | 240 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 160 07 | 205 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 355 07 | 345 07 | 355 07 | 010 03 | 280 03 | 220 03 | 255 16 | 260 25 | 255 30 | 350 72 | 335 72 | 330 11 | 290 04 | 300 04 | 265 06 | 345 06 | 005 09 | 350 08 | 295 04 | 310 03 | 230 07 | 245 09 | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | 270 01 | 240 03 | ... | ... | ... | ... | ... | ... | ... | 360 02 | 300 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 195 03 | 110 12 | 260 12 | 285 09 | 305 19 | 285 19 | ... | ... | ... | 055 02 | 010 02 | 305 05 | 230 03 | 330 11 | ... | 080 06 | 020 03 | 330 05 | 270 12 | 275 10 | 315 02 | 270 42 | 260 20 | 275 45 | ... | ... |
| Vertval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

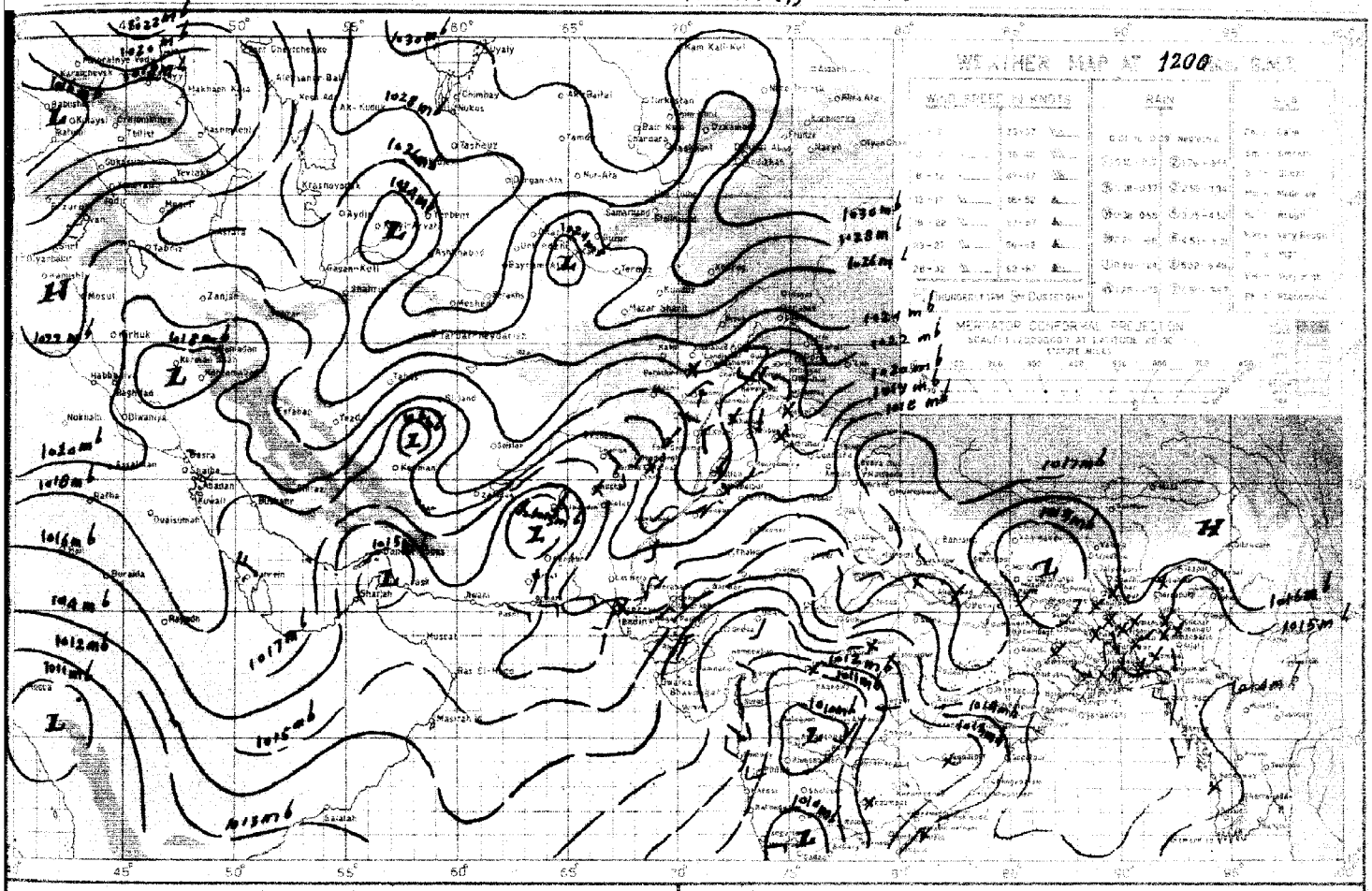
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

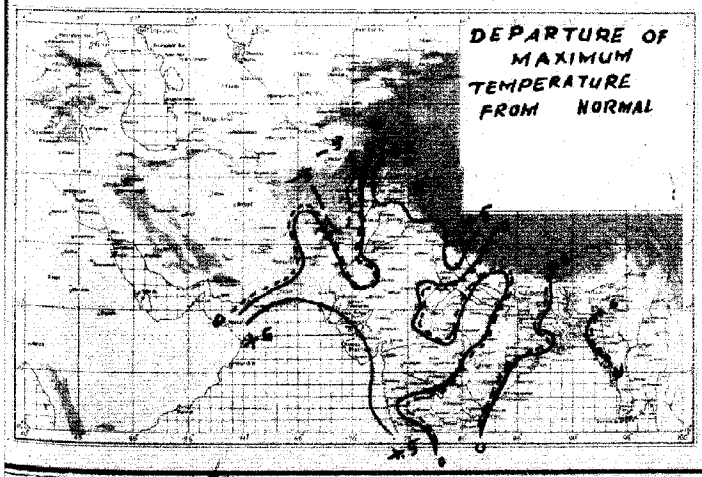
† The actual time of observations may vary within half an hour of the specified time.
‡ The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

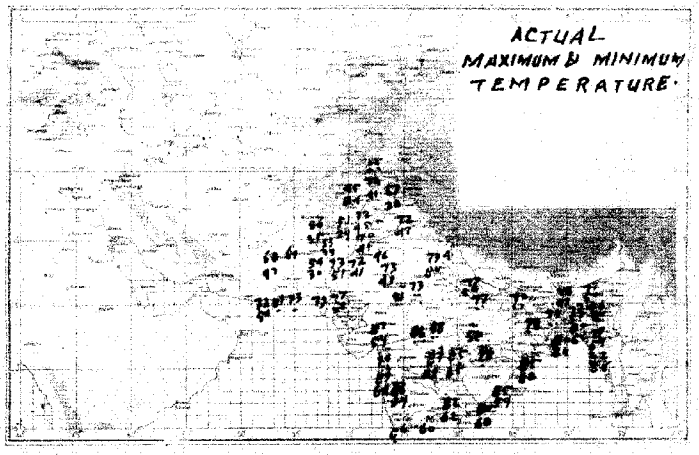
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre Air Force, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SATURDAY 17th JANUARY, 1970

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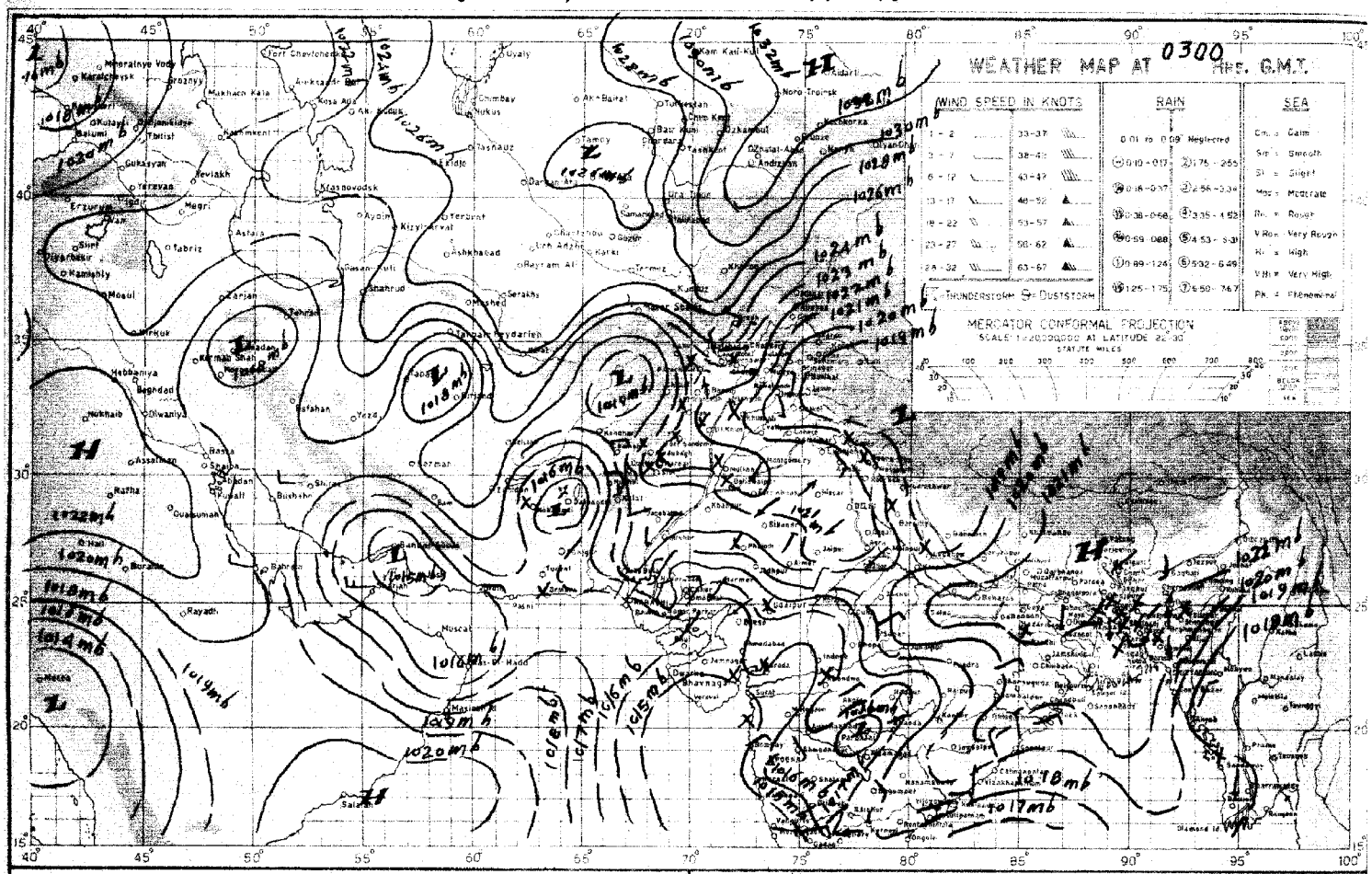
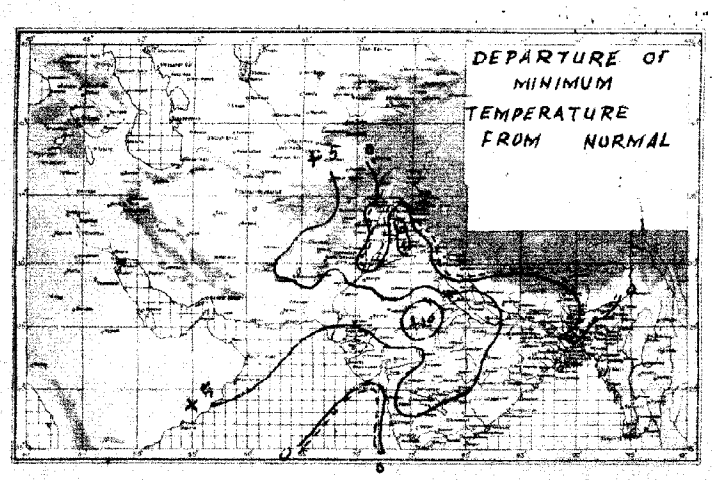
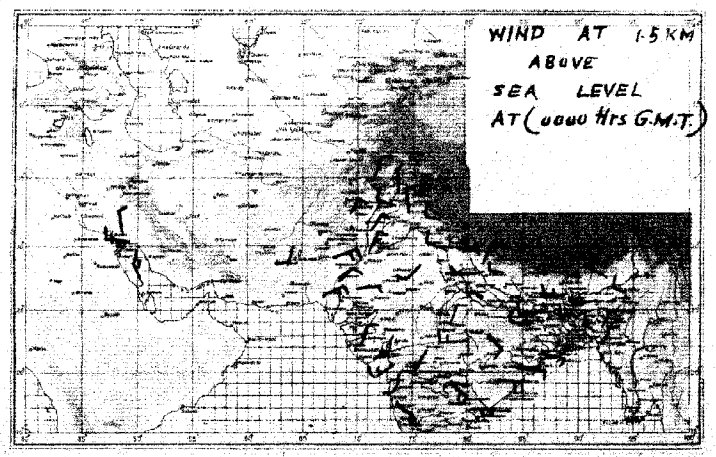
# PAKISTAN DAILY WEATHER MAP

SUNDAY 18th JANUARY, 1970

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Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 19th JANUARY 1970.**

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

Yesterday's western disturbance over Quetta division is now moving across Peshawar division and adjoining areas with its secondary lying over Kalat and adjoining Quetta division. A well marked low pressure area lies over Surashtra and neighbourhood.

Rain/thundershowers have been scattered in Quetta and Kalat divisions. A few falls of light rain/drizzle occurred in Khairpur division.

A trough of low pressure area lies over East Pakistan where weather remained dry.

**Chief amounts of rainfall are :** Nokkundi 1½", Jiwani 1" Dalbandin ¾", Nushki ¼".

Night temperatures were 8—11 °F (4—6 °C) above normal in Bahawalpur, Quetta, Khairpur and Karachi divisions and 3—7 °F (2—4 °C) so elsewhere in the country outside Multan and D. I. Khan divisions.

**Forecast valid until the evening of 20th January 1970 :**—Rain/thundershowers with snowfall over the hills will be local in Peshawar, Rawalpindi, D. I. Khan and Lahore divisions and scattered elsewhere in West Pakistan. A few thunderstorm/showers likely in Chittagong and Dacca divisions.

**Cold wave warning :** Moderate cold wave likely to affect Quetta and Kalat divisions next 48 Hrs.

Karachi-11
The 19th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *°F | Maximum temperature *°F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTa |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati | 000 | 0 | 2 | 36 | 02 | // | 81 | 4 | 157 | 75 | 2 | 3 | 6 | 0 | 0 | 52 | 81 |
| | Cox's Bazar | 000 | 0 | 4 | 34 | 10 | // | 81 | 2 | 157 | 73 | 0 | 0 | 9 | 0 | 1 | 59 | 82 |
| | Chittagong | 000 | 0 | 4 | 36 | 02 | // | 81 | 2 | 155 | 72 | 0 | 0 | 9 | 0 | 1 | 50 | 82 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 160 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 194 | 73 | 0 | 0 | 9 | 0 | 0 | 72 | 80 |
| | Brahmanbaria | 000 | 0 | 5 | 00 | 00 | // | 03 | 1 | 168 | 72 | 0 | 0 | 9 | 0 | 5 | 66 | 87 |
| | Sylhet | 000 | 0 | 5 | 00 | 00 | // | 02 | 2 | 164 | 68 | 0 | 0 | 9 | 2 | 8 | 54 | 77 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 164 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 77 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 174 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 79 |
| | Narayanganj | 000 | 0 | 3 | 31 | 02 | // | 01 | 2 | 167 | 73 | 3 | 6 | 6 | 0 | 0 | 59 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 2 | 165 | 73 | 2 | 8 | 9 | 7 | 3 | 54 | 80 |
| | Faridpur | 000 | 0 | 3 | 00 | 00 | 94 | 01 | 0 | 152 | 73 | 6 | 0 | 9 | 2 | 5 | // | 79 |
| Khulna | Barisal | 000 | 0 | 3 | 00 | 00 | 95 | 03 | 2 | 163 | 73 | 0 | 0 | 9 | 0 | 2 | 60 | 78 |
| | Khulna | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 161 | 79 | 0 | 0 | 9 | 0 | 0 | 38 | 80 |
| | Satkhira | 000 | 0 | 2 | 00 | 00 | 95 | 00 | 0 | 164 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | 80 |
| | Jessore | 000 | 0 | 4 | 36 | 05 | 97 | 02 | 2 | 169 | 73 | 1 | 0 | 9 | 3 | 8 | 58 | 80 |
| Rajshahi | Pabna | 000 | 0 | 3 | 00 | 00 | // | 01 | 0 | 162 | 73 | 0 | 0 | 9 | 0 | 2 | 59 | 80 |
| | Sirajganj | 000 | 0 | 2 | 00 | 00 | // | 02 | 2 | 166 | 73 | 2 | 0 | 7 | 2 | 0 | 59 | 79 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 173 | 72 | 0 | 0 | 9 | 0 | 0 | 63 | 75 |
| | Bogra | 000 | 0 | 6 | 00 | 00 | // | 03 | 2 | 170 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 79 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 167 | 69 | 0 | 0 | 9 | 0 | 0 | 50 | 77 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 152 | 68 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Intl Ad.) | 000 | 0 | 6 | 31 | 03 | 95 | 03 | 1 | 176 | 69 | 1 | 5 | 9 | 3 | 1 | 40 | 72 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 0 | 3 | 30 | 02 | 97 | 02 | 1 | 172 | 66 | 5 | 0 | 9 | 3 | 1 | 56 | 74 |
| | Islamabad | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | // | 62 | 3 | 5 | 6 | 5 | 0 | 32 | 63 |
| | Rawalpindi | 000 | 0 | 6 | 27 | 02 | 98 | 02 | 2 | 184 | 60 | 0 | 0 | 9 | 6 | 0 | 36 | 66 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 178 | 72 | 3 | 5 | 9 | 4 | 0 | 56 | 72 |
| | Sargodha | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 2 | 177 | 68 | 3 | 0 | 9 | 2 | 1 | 43 | 79 |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 95 | 02 | 0 | 153 | 68 | 4 | 4 | 3 | 8 | 0 | 49 | 72 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 5 | 36 | 02 | 97 | 01 | 2 | 173 | 69 | 4 | 0 | 9 | 7 | 4 | 40 | 72 |
| | Lalah | 000 | 0 | 0 | 36 | 00 | 97 | 00 | 0 | 174 | 72 | 0 | 0 | 9 | 0 | 0 | 45 | 72 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 2 | 173 | 68 | 3 | 0 | 9 | 3 | 1 | 39 | 72 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 159 | 66 | 0 | 0 | 9 | 0 | 1 | 49 | 70 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 03 | 98 | 02 | 2 | 157 | // | 0 | 0 | 9 | 0 | 0 | 62 | 76 |
| Peshawar | Chakdara | 000 | 0 | 2 | 23 | 02 | 98 | 03 | 1 | 179 | 60 | 0 | 0 | 9 | 0 | 8 | 40 | 60 |
| | Peshawar | 000 | 0 | 7 | 00 | 00 | 98 | 02 | 2 | 185 | 66 | 1 | 5 | 6 | 3 | 1 | 43 | 66 |
| | Hazipur | 000 | 0 | 0 | 23 | 07 | 98 | 00 | 0 | 217 | 60 | 0 | 0 | 9 | 0 | 0 | 40 | 63 |
| D. I. Khan | Bannu | 000 | 0 | 7 | 18 | 02 | 98 | 03 | 2 | 178 | 66 | 0 | 0 | 9 | 4 | 5 | 40 | 69 |
| | D. I. Khan | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 1 | 187 | 69 | 6 | 0 | 5 | 3 | 0 | 40 | 72 |
| Quetta | Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 189 | 71 | 4 | 2 | 0 | 4 | 2 | 31 | 72 |
| | Nokkundi | 007 | 0 | 8 | 18 | 07 | 96 | 36 | 1 | 159 | 52 | 8 | 5 | 5 | 0 | 0 | 44 | 52 |
| Kalat | Turbat | 096 | 2 | 4 | 05 | 10 | 96 | 01 | 9 | 138 | 61 | 4 | 5 | 6 | 0 | 0 | 56 | 61 |
| | Jiwani | 000 | 0 | 7 | 11 | 02 | 95 | 60 | 6 | 175 | 63 | 0 | 4 | 0 | 3 | 0 | 61 | 80 |
| | Pasni | | | | | | | | | | | | | | | | | |
| Karachi division | Ormara | 000 | 0 | 7 | 00 | 00 | 96 | 01 | 1 | 150 | 67 | 7 | 8 | 6 | 0 | 0 | 59 | 70 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 161 | 74 | 0 | 0 | 6 | 0 | 0 | 36 | 75 |
| | Karachi (Manora) | 000 | 0 | 6 | 05 | 12 | 97 | 03 | 1 | 135 | 73 | 0 | 0 | 9 | 0 | 7 | 48 | 76 |
| | Karachi (Airport) | 000 | 0 | 7 | 03 | 12 | 96 | 03 | 2 | 133 | 74 | 2 | 0 | 9 | 3 | 2 | 39 | 76 |
| Hyderabad | Nagarparkar | 000 | 0 | 7 | 05 | 02 | 97 | 02 | 0 | 152 | 75 | 0 | 0 | 9 | 0 | 0 | // | / |
| | Chhor | 000 | 0 | 0 | 36 | 15 | 95 | 02 | 2 | 123 | 77 | 8 | 5 | 6 | 0 | 0 | 66 | 79 |
| | Hyderabad | 000 | 0 | 8 | 36 | 09 | 96 | 00 | 2 | 146 | 69 | 6 | 0 | 9 | 3 | 1 | 45 | 70 |
| | Badin | 000 | 0 | 8 | 36 | 06 | 96 | 03 | 0 | 138 | 8 | 0 | 0 | 9 | 0 | 6 | 40 | 80 |
| Khairpur | Padidan | 000 | 0 | 6 | 36 | 07 | 96 | 03 | 2 | 160 | 68 | 2 | 4 | 7 | 7 | 0 | 41 | 71 |
| | Nawabshah | 000 | 0 | 7 | 11 | 10 | 96 | 16 | 2 | 157 | 70 | 2 | 0 | 9 | 2 | 8 | 47 | 72 |
| | Sukkur | 000 | 0 | 0 | 05 | 04 | 96 | 03 | 2 | 190 | 70 | 7 | 0 | 9 | 5 | 0 | 42 | 42 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 5 | 36 | 07 | 97 | 02 | 2 | 180 | 69 | 6 | 0 | 9 | 7 | 0 | 49 | 71 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Miagar | | | | | | | | | | | | | | | | | |
| | Allabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh | | | | | | | | | | | | | | | | | |
| | Chorah | | | | | | | | | | | | | | | | | |
| | Kakul | | | | | | | | | | | | | | | | | |
| | Landikotal | | | | | | | | | | | | | | | | | |
| | Parachinar | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 147 | 60 | 8 | 0 | 9 | 0 | 0 | 38 | 40 |
| | Wana | 000 | 0 | 3 | 13 | 03 | 99 | 00 | 0 | 464 | 54 | 3 | 2 | 8 | 0 | 0 | 43 | 50 |
| Quetta | Fort Sandeman | 000 | 0 | 7 | 34 | 05 | 97 | 03 | 2 | 509 | 50 | 2 | 4 | 7 | 4 | 8 | 34 | 50 |
| | Hindubagh | 000 | 0 | 8 | 09 | 03 | 97 | 03 | 0 | // | 32 | 8 | 8 | 3 | 0 | 0 | 27 | 35 |
| | Loralai | 000 | 0 | 8 | 09 | 03 | 98 | 01 | 0 | 548 | 51 | 4 | 3 | 9 | 1 | 2 | // | 53 |
| | Barkhan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 614 | 60 | 0 | 0 | 9 | 0 | 0 | 42 | 60 |
| | Harnai | 000 | 7 | 1 | 18 | 02 | 96 | 03 | 2 | 510 | 49 | 3 | 5 | 6 | 3 | 0 | 39 | // |
| | Samungli (Quetta) | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 581 | 48 | 0 | 0 | 9 | 0 | 0 | 44 | 53 |
| | Chaman | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 0 | 538 | 59 | 0 | 0 | 9 | 0 | 3 | 45 | 64 |
| | Nushki | 003 | 0 | 3 | 05 | 04 | 97 | 51 | 5 | 496 | 53 | 8 | 6 | 6 | 0 | 0 | 45 | 54 |
| Kalat | Kalat | 008 | 0 | 9 | 18 | 03 | 96 | 00 | 2 | 491 | 43 | 9 | 5 | 9 | 0 | 0 | 32 | 52 |
| | Khuzdar | 000 | 0 | 8 | 13 | 05 | 97 | 02 | 2 | 497 | 51 | 2 | 5 | 6 | 2 | 0 | 23 | 53 |
| | Panjgur | | | | | | | | | | | | | | | | | |

| DIVISIONS | STATIONS | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amounts of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *°F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TaTa | TxTx | TnTa | | | | |
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 198 | 66 | 2 | 0 | 9 | 0 | 8 | 59 | 54 | — | — 1 | 1.1 | — 0.7 | 0.5 | — |
| | Cox's Bazar | 000 | 0 | 3 | 36 | 09 | 96 | 01 | 1 | 186 | 66 | 0 | 0 | 9 | 3 | 1 | 54 | 59 | + 2 | + 2 | 0.7 | — 3.5 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 6 | 05 | 03 | 96 | 02 | 2 | 192 | 69 | 0 | 0 | 9 | 0 | 4 | 54 | 58 | + 3 | + 3 | 1.3 | — 1.6 | 0.0 | 106 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | | | | | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 198 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | + 1 | + 1 | 0.5 | — 1.2 | 0.0 | 94 |
| | Brahmanbaria | 000 | 0 | 2 | 00 | 10 | 97 | 03 | 1 | 173 | 58 | 2 | 0 | 9 | 4 | 0 | 56 | 49 | — | — | 1.3 | — 0.1 | 0.0 | 78 |
| | Sylhet | 000 | 0 | 5 | 00 | 05 | 96 | 03 | 9 | 198 | 64 | 0 | 0 | 9 | 2 | 1 | 41 | 56 | — | — | 2.3 | — | 0.7 | — |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | 98 |
| Dacca | Mymensingh | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 1 | 189 | 58 | 5 | 0 | 7 | 2 | 0 | 58 | 54 | + 3 | + 1 | 0.3 | — 0.7 | 0.0 | 91 |
| | Narayanganj | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | 170 | 73 | 0 | 0 | 6 | 3 | 1 | 56 | 59 | + 4 | + 4 | 1.4 | + 0.2 | 0.1 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 3 | 05 | 02 | 96 | 05 | 0 | 200 | 69 | 0 | 0 | 9 | 0 | 1 | 54 | 56 | — | — | 1.3 | — | 0.1 | — |
| | Faridpur | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 189 | 67 | 2 | 0 | 9 | 0 | 6 | 60 | 54 | + 3 | — | 2.1 | + 0.7 | 0.5 | 71 |
| Khulna | Barisal | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 198 | 64 | 0 | 0 | 9 | 0 | 5 | 62 | 55 | 0 | 8 | 0.9 | — 0.9 | 0.0 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 156 | 69 | 8 | 0 | 9 | 0 | 0 | 62 | 60 | 0 | + 5 | 1.3 | — 0.1 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 204 | 69 | 0 | 0 | 9 | 2 | 0 | 58 | 59 | 0 | + 6 | — | — | — | 65 |
| | Jessore | 000 | 0 | 6 | 00 | 00 | // | 00 | 0 | 196 | 65 | 2 | 6 | 9 | 0 | 1 | 59 | 57 | — | — | 1.3 | + 0.1 | 0.1 | 65 |
| Rajshahi | Pabna | 000 | 0 | 4 | 31 | 03 | 98 | 03 | 1 | 196 | 68 | 0 | 0 | 9 | 0 | 3 | 56 | 58 | — | — | — | — | — | 59 |
| | Sirajganj | 000 | 0 | 4 | 36 | 03 | 98 | 03 | 2 | 200 | 64 | 4 | 0 | 7 | 4 | 0 | 56 | 56 | + 3 | + 4 | 0.3 | — 0.6 | 0.2 | 64 |
| | Rajshahi | 000 | 0 | 5 | 00 | 02 | 96 | 03 | 1 | 206 | 64 | 0 | 0 | 9 | 3 | 9 | 58 | 58 | — | + 7 | — | — | — | — |
| | Bogra | 000 | 0 | 6 | 00 | 00 | 96 | 00 | 0 | 201 | 64 | 3 | 0 | 9 | 7 | 2 | 56 | 54 | + 3 | + 3 | 1.2 | + 0.3 | 0.0 | 69 |
| | Dinajpur | 000 | 0 | 3 | 00 | 00 | 93 | 03 | 4 | 202 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 52 | + 1 | 0 | — | — | — | 72 |
| | Rangpur | 000 | 0 | 3 | 00 | 00 | 93 | 03 | 4 | 202 | 59 | 3 | 0 | 9 | 1 | 0 | 56 | 50 | + 3 | 0 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Intl Ad.) | 000 | 0 | 7 | 00 | 00 | 94 | 05 | 1 | 193 | 50 | 3 | 5 | 6 | 2 | 2 | 43 | 46 | — | — 4 | + 5 | 0.0 | — 1.1 | 0.0 | 19 |
| | Sialkot | 000 | 0 | 2 | 01 | 05 | 96 | 00 | 0 | 170 | 45 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | 0.0 | — 1.9 | 0.0 | 32 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Islamabad | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | // | 50 | 1 | 2 | 5 | 7 | 1 | 34 | 47 | — | — | 0.4 | — | 0.2 | — |
| | Rawalpindi | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 205 | 45 | 4 | 5 | 6 | 4 | 0 | 38 | 45 | + 4 | + 6 | 0.3 | — 2.2 | 0.2 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 174 | 45 | 0 | 0 | 7 | 0 | 0 | 40 | 43 | + 4 | + 1 | 0.0 | — 0.8 | 0.0 | 15 |
| | Sargodha | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 2 | 188 | 46 | 6 | 0 | 9 | 3 | 2 | 43 | 45 | — | — | 0.1 | — | 0.0 | — |
| | Lyallpur | 000 | 0 | 5 | 36 | 02 | 95 | 02 | 0 | 190 | 49 | 5 | 4 | 8 | 0 | 0 | 40 | 43 | + 5 | + 3 | — | — | — | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 2 | 191 | 46 | 6 | 0 | 9 | 7 | 2 | 35 | 43 | + 4 | + 1 | 0.0 | — 0.4 | 0.0 | 7 |
| | Lalah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 05 | 05 | 96 | 03 | 2 | 182 | 56 | 4 | 5 | 6 | 4 | 0 | 45 | 52 | — 1 | + 11 | 0.3 | 0.0 | 0.0 | 6 |
| | Bahawalpur | 000 | 0 | 1 | 00 | 00 | 96 | 00 | 0 | 219 | 58 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | — 1 | + 2 | 0.0 | — 0.8 | 0.0 | 6 |
| | Fort Abbas | 000 | 0 | 2 | 05 | 02 | 95 | 00 | 2 | 154 | 58 | 2 | 0 | 9 | 0 | 0 | 42 | 58 | — | — | — | — | — | 8 |
| Peshawar | Chakdara | 000 | 0 | 7 | 00 | 00 | 96 | 04 | 2 | 204 | 46 | 3 | 0 | 9 | 2 | 2 | 36 | 45 | + 3 | + 4 | 0.7 | — 0.9 | 0.3 | 11 |
| | Peshawar | 000 | 0 | 9 | 02 | 02 | 97 | 03 | 2 | 187 | 54 | 9 | 9 | / | / | / | 45 | 45 | — | — | — | — | — | — |
| | Hazipur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 11 |
| D. I. Khan | Bannu | 000 | 0 | 7 | 31 | 02 | 98 | 04 | 2 | 165 | 51 | 7 | 2 | 7 | 0 | 2 | 45 | 45 | — | — | — | — 0.3 | 0.1 | 9 |
| | D. I. Khan | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 191 | 50 | 5 | 5 | 6 | 2 | 0 | 40 | 47 | + 4 | + 5 | 0.1 | | | |
| Quetta | Sibi | 000 | 0 | 8 | 18 | 03 | 97 | 03 | 1 | 205 | 50 | 6 | 2 | 9 | 6 | 2 | // | 46 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 9 | 36 | 03 | 96 | 01 | 5 | 197 | 49 | 6 | 5 | 6 | 0 | 0 | 43 | 47 | — | — | 1.4 | — | 1.4 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 36 | 06 | 96 | 02 | 0 | 172 | 53 | 0 | 0 | 9 | 0 | 0 | 50 | 50 | — | — | 7.6 | — | 6.8 | 5 |
| | Jiwani | 096 | 4 | 6 | 29 | 04 | 97 | 02 | 0 | 164 | 55 | 3 | 0 | 9 | 3 | 0 | 55 | // | + 5 | — | — | — | — | 6 |
| | Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 4 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 165 | 64 | 0 | 0 | 8 | 0 | 0 | 41 | 51 | + 1 | — | — | — | — | 8 |
| | Lasbela | 000 | 0 | 7 | 05 | 07 | 96 | 03 | 2 | 170 | 65 | 7 | 7 | 9 | 0 | 0 | 57 | 65 | — | + 8 | 0.3 | — 0.1 | 0.3 | 8 |
| | Karachi (Manora) | 000 | 0 | 6 | 05 | 07 | 96 | 02 | 2 | 122 | 66 | 4 | 6 | 5 | 3 | 0 | 40 | 63 | — | — | 0.1 | — | 0.1 | — |
| | Karachi (Airport) | 000 | 0 | 6 | 05 | 07 | 96 | 02 | 2 | 164 | 65 | 6 | 6 | 6 | 0 | 0 | 65 | 65 | — | — | — | — | — | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 164 | 65 | 6 | 4 | 6 | 0 | 0 | 34 | 47 | — | — | 0.0 | — | 0.1 | 7 |
| | Chhor | 000 | 0 | 3 | 36 | 03 | 96 | 02 | 2 | 164 | 61 | 7 | 0 | 9 | 3 | 0 | 44 | 57 | — | + 6 | 0.1 | — 0.8 | — | 9 |
| | Hyderabad | 000 | 0 | 7 | 36 | 09 | 97 | 02 | 2 | 166 | 57 | 0 | 0 | 9 | 0 | 0 | 42 | 55 | — | + 6 | 0.0 | — 0.3 | 0.0 | — |
| | Badin | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 166 | 57 | 0 | 0 | 9 | 0 | 0 | 46 | 54 | + 3 | — | 0.0 | — | 0.0 | — |
| Khairpur | Padidan | 000 | 0 | 7 | 34 | 05 | 97 | 02 | 2 | 177 | 58 | 7 | 5 | 7 | 7 | 0 | 47 | 54 | — | — | 0.0 | — | 0.0 | 4 |
| | Nawabshah | 000 | 0 | 6 | 36 | 05 | 96 | 02 | 2 | 175 | 57 | 0 | 0 | 9 | 2 | 0 | 47 | 57 | — | — | 0.0 | — | 0.0 | — |
| | Sukkur | 000 | 0 | 7 | 34 | 03 | 96 | 03 | 2 | 176 | 59 | 7 | 0 | 9 | 9 | 0 | | | | | | | | 4 |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | Jacobabad | 001 | 0 | 7 | 13 | 10 | 96 | 02 | 5 | 191 | 57 | 7 | 0 | 9 | 7 | 0 | 51 | 56 | — 1 | + 11 | 0.1 | — 0.1 | 0.1 | 26 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | — |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Miagar | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Allabad | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | — |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Peshawar | Drosh | 000 | 0 | 0 | 02 | 02 | 97 | 03 | 2 | 187 | 54 | 9 | 9 | / | / | / | 38 | 45 | + 1 | — | — | — | — | 29 |
| | Chorah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | — |
| | Kakul | 000 | 0 | 8 | 31 | 05 | 98 | 03 | 1 | 412 | 43 | 6 | 7 | 6 | / | / | 35 | 38 | — | — | — | — | — | — |
| | Landikotal | 000 | 0 | 8 | 22 | 02 | 97 | 02 | 2 | 543 | 36 | 2 | 5 | 6 | 3 | 1 | 26 | 31 | + 4 | + 3 | 0.7 | — | 0.1 | 29 |
| | Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 18 |
| D.I. Khan | Miranshah | 000 | 0 | 8 | 05 | 09 | 97 | 02 | 0 | 546 | 45 | 8 | 0 | 9 | 0 | 0 | 27 | 40 | — | — | — | — | — | — |
| | Wana | 000 | 0 | 8 | 13 | 03 | 98 | 03 | 0 | 519 | 43 | 8 | 2 | 8 | 0 | 0 | 38 | 36 | — | — | — | — | — | 11 |
| Quetta | Fort Sandeman | 000 | 0 | 7 | 34 | 05 | 97 | 03 | 2 | 519 | 40 | 2 | 5 | 7 | 2 | 3 | 27 | 33 | — | + 1 | 0.2 | — 0.7 | 0.2 | 13 |
| | Hindubagh | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | // | 40 | 8 | 2 | 4 | 0 | 0 | 10 | 12 | — | — | 0.7 | — | 0.5 | 9 |
| | Loralai | 000 | 0 | 9 | 27 | 04 | 98 | 01 | 0 | 554 | 40 | 0 | 1 | 9 | 0 | 0 | 38 | 33 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 595 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | 45 | — | — | 0.0 | — 1.5 | 0.0 | 14 |
| | Harnai | 000 | 7 | 0 | 09 | 05 | 95 | 03 | 2 | 520 | 40 | 4 | 5 | 5 | 3 | 0 | 33 | 39 | — | — | 1.5 | — 0.7 | 0.8 | 9 |
| | Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 524 | 55 | 0 | 0 | 9 | 0 | 0 | 39 | 40 | + 1 | + 6 | 6.3 | + 3.6 | 6.3 | — |
| | Chaman | 020 | 0 | 8 | 00 | 00 | 97 | 00 | 6 | 561 | 46 | 8 | 4 | 7 | 0 | 0 | 43 | 45 | — | — | 1.5 | — | 1.3 | 4 |
| | Nushki | 083 | 3 | 7 | 05 | 02 | 96 | 01 | 6 | 505 | 47 | 2 | 5 | 6 | 9 | 0 | 45 | 47 | + 11 | + 10 | 1.3 | + 0.1 | 1.3 | 3 |
| Kalat | Kalat | 001 | 0 | 9 | 05 | 03 | 96 | 00 | 2 | 519 | 35 | 9 | 5 | 9 | 3 | 0 | 33 | 38 | + 2 | + 4 | 0.8 | — 1.1 | 0.9 | — |
| | Khuzdar | 017 | 0 | 0 | 00 | 00 | 96 | 02 | 6 | 504 | 43 | 4 | 5 | 6 | 2 | 0 | 39 | 41 | — | — | 0.7 | — | 0.5 | 5 |
| | Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**MONDAY THE 19th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_a L_a L_o$ | $Q_c L_o L_o L_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_h C_L h C_M C_H$ | $D_s V_s$ a PP | 7RR $t_R t_R$ | 8N$_s$Ch$_s$ h$_s$ | OT$_s$T$_s$T$_d$T$_d$ | 1T$_w$T$_w$T$_{wx}$T | 3P$_a$P$_a$H$_a$H$_a$ | d$_a$d$_a$P$_a$H$_a$H$_a$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Dadema ... | 99 2 41 | 18 5 87 | 18 0 43 | 60 2 13 | 97 9 19 | 16 0 17 | 64 7 43 | 67 4 61 | | | 0 / / 16 | 12 3 70 | 30 4 00 | 00 / 00 |
| Sagarodhi ... | 99 1 64 | 10 6 37 | 16 1 83 | 73 6 98 | 98 0 32 | 15 3 25 | 48 4 10 | 42 5 12 | | 83 8 94 | 05 5 18 | — | ... | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DaDo) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | hhh TTT, DD | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 014 166 57 | ... | 470 104 58 | 062 036 58 | 572 133 58 | 740 209 64 | 947 363 36 | 215 573 / / | 389 737 / / | ... | ... | ... | ... |
| Dacca ... | 00 00 | 018 222 56 | ... | 580 110 61 | 147 040 63 | 581 115 63 | 749 203 63 | 956 351 61 | 226 565 / / | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 010 184 62 | ... | 459 104 63 | 055 040 / / | 560 231 / / | 722 281 / / | 926 341 / / | 203 447 / / | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 003 070 58 | ... | 500 110 62 | 096 011 58 | 566 205 / / | 717 321 / / | 810 425 / / | | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 977 082 57 | ... | 460 102 57 | 081 015 56 | 567 191 46 | 730 291 48 | 928 469 / / | 187 587 / / | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 021 037 53 | ... | ... | 161 061 / / | 570 247 / / | 729 359 / / | 932 500 / / | | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 995 094 58 | ... | 580 064 58 | 066 067 56 | 561 241 / / | 721 335 / / | 918 421 / / | 186 525 / / | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_s$ DD | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | FmFmFm dmdm fmfmfm | $P_c T_c P_c T_c T_{cx} T_{cx}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 116 56 | 800 082 58 | 600 027 57 | 350 285 58 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 138 62 | 800 084 63 | 600 025 59 | 350 289 62 | 250 814 35 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | | ... | ... | | | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 003 / / | /// /// / / | /// /// / / | 350 433 / / | 250 583 / / | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → / STATION ↓ | At 1200 hrs. G.M.T.† of Previous day (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 005 19 | 360 20 | 360 10 | 320 11 | 315 13 | ... | ... | ... | ... |
| Bogra ... | 285 04 | 310 06 | 325 06 | 295 10 | 290 15 | 275 19 | ... | ... | ... |
| Chaklala ... | ... | 285 12 | 295 10 | 320 05 | 290 05 | 165 04 | 130 08 | 180 12 | 150 10 |
| Chhor ... | 040 16 | 045 16 | | | | | ... | ... | ... |
| Chittagong ... | 350 15 | 350 17 | 355 16 | 025 12 | 020 10 | 030 08 | ... | ... | ... |
| Cheraat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 350 11 | 355 17 | 015 12 | 005 19 | 245 21 | 280 27 | ... | ... | ... |
| Dacca ... | 005 07 | 330 05 | 335 05 | 345 08 | 330 08 | 290 17 | 275 23 | ... | ... |
| Dalbandin ... | ... | | 010 39 | 110 12 | 125 15 | | ... | ... | ... |
| D. I. Khan ... | 060 05 | 025 03 | 025 06 | 040 07 | 325 03 | 325 05 | 245 11 | 180 03 | 130 05 |
| Drosh | ... | ... | ... | 080 08 | 100 17 | 080 15 | 140 12 | 162 60 | 180 41 |
| Port Sandeman ... | | | ... | 330 07 | 345 05 | 160 12 | 160 15 | 210 21 | 322 24 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi ... | 355 06 | 335 04 | 290 16 | 300 12 | 295 23 | ... | ... | ... | ... |
| Jacobabad ... | 020 09 | 030 07 | 060 07 | 080 08 | 119 10 | 160 13 | 215 13 | 200 18 | 225 15 |
| Jessore ... | 350 12 | 360 08 | 350 08 | 325 11 | 300 22 | 300 21 | 290 29 | ... | ... |
| Jhelum ... | 315 04 | 315 06 | 315 07 | 350 04 | 350 03 | 260 03 | 225 10 | 265 04 | 270 30 |
| Jiwani ... | 025 24 | 010 20 | 325 11 | 290 15 | 280 24 | | | | |
| Karachi ... | 045 24 | 050 21 | 065 18 | 085 19 | 110 15 | 100 11 | ... | ... | ... |
| Khanpur ... | 040 09 | 040 11 | 035 11 | 045 13 | 065 10 | 040 09 | ... | ... | ... |
| Khuzdar ... | | | | 120 15 | 170 09 | 140 12 | ... | ... | ... |
| Lahore ... | 330 07 | 325 09 | 330 09 | 310 12 | 306 08 | 330 05 | 260 06 | 235 04 | 235 03 |
| Multan ... | 045 11 | 025 13 | 105 15 | 040 11 | 090 07 | 045 08 | 210 32 | 215 21 | 215 15 |
| Nawab Shah ... | 005 14 | 020 15 | 040 15 | 060 20 | | | | | |
| Nokkundi ... | | | 165 10 | 120 07 | | | | | |
| Panjgur ... | ... | | | 245 13 | 250 15 | | | | |
| Peshawar ... | ... | 245 06 | 310 08 | 330 09 | 015 10 | 030 07 | 230 09 | 265 13 | ... |
| Parachinar ... | ... | ... | ... | ... | | | | | |
| Quetta ... | | | | | 350 12 | 320 17 | | | |
| Sargodha ... | 015 06 | 005 04 | 005 04 | 340 02 | 315 03 | 290 04 | 305 05 | 275 08 | 280 07 |
| Skardu ... | | | | 225 01 | 165 01 | 200 06 | | | |
| Sylhet ... | 295 10 | 295 05 | 295 04 | 315 04 | 280 03 | 305 13 | | | |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → / STATION ↓ | At 0000 hrs. G.M.T.† of date (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 025 06 | 020 08 | 360 11 | 320 11 | 305 17 | ... |
| Bogra ... | 315 06 | 310 07 | 300 10 | 270 18 | 300 20 | 295 18 |
| Chaklala ... | | 075 05 | 100 04 | 100 06 | 105 06 | 130 09 |
| Chhor ... | 080 10 | 095 11 | 130 11 | 250 10 | 265 15 | 250 07 |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cheraat ... | | | | | | |
| Cox's Bazar ... | 015 20 | 010 27 | 350 12 | 340 23 | 320 23 | ... |
| Dacca ... | 020 45 | 295 60 | 295 75 | ... | ... | ... |
| Dalbandin ... | No | Ascent | | | | |
| D. I. Khan ... | 030 08 | 045 11 | 015 09 | ... | ... | ... |
| Drosh | | | | 245 09 | | |
| Port Sandeman ... | | | | 061 03 | 030 13 | ... |
| Gilgit ... | ... | ... | ... | 050 01 | 230 12 | 140 14 |
| Jahurdi ... | 045 06 | 045 08 | 014 07 | 244 12 | 295 10 | 265 21 |
| Jacobabad ... | 320 13 | 345 14 | 360 11 | 045 06 | 040 09 | 275 17 |
| Jessore ... | 010 08 | 295 01 | 340 14 | 295 09 | 305 20 | 210 28 |
| Jhelum ... | 335 03 | 345 10 | 075 05 | 225 05 | 020 05 | ... |
| Jiwani ... | | | | | | |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 010 06 | 360 06 | 030 05 | 055 02 | 035 03 | 005 04 |
| Multan ... | 045 15 | 345 14 | 090 10 | 100 08 | 110 01 | 135 06 |
| Nawab Shah ... | 025 39 | 025 29 | 030 21 | 090 16 | ... | ... |
| Nokkundi ... | No | Ascent | ... | ... | ... | ... |
| Panjgur ... | ... | | ... | | | |
| Peshawar ... | ... | 150 01 | 150 01 | 230 05 | 175 03 | 280 04 |
| Parachinar ... | ... | ... | ... | 225 03 | 105 03 | ... |
| Quetta ... | | | | | | |
| Sargodha ... | 325 05 | 015 09 | 020 06 | 310 01 | 210 03 | 285 03 |
| Skardu ... | | | | 310 03 | 275 02 | |
| Sylhet ... | 090 20 | 085 04 | 085 03 | 210 02 | 260 07 | 235 14 |
| Veraval ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → / STATION ↓ | At 0600 hrs. G.M.T.† of date (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 360 05 | 335 08 | 320 12 | 321 50 | 310 19 | 330 17 | ... | ... | ... | ... | ... |
| Bogra ... | 335 07 | 315 09 | 285 13 | 291 18 | | | | | | | |
| Chaklala ... | ... | 350 03 | 110 04 | 115 03 | 135 13 | 175 09 | 150 17 | ... | ... | ... | ... |
| Chhor ... | 015 13 | 020 09 | 020 07 | 060 03 | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 350 09 | 335 09 | 320 07 | 295 09 | 280 13 | ... | ... | ... | ... | ... | ... |
| Cheraat ... | | | | | | | | | | | |
| Cox's Bazar ... | 010 01 | 010 21 | 355 24 | 345 01 | 235 44 | 345 21 | | | | | |
| Dacca ... | 330 15 | 300 13 | 300 12 | 300 16 | 310 23 | 310 31 | 275 28 | 280 31 | 280 35 | 265 45 | 260 70 |
| Dalbandin ... | ... | ... | 035 03 | 075 09 | 135 07 | ... | | | | | |
| D. I. Khan ... | 110 02 | 085 02 | 065 06 | 065 08 | 075 08 | 040 05 | 075 06 | 120 12 | 160 18 | 215 11 | 210 10 |
| Drosh | | | | | | | | | | | |
| Port Sandeman ... | ... | ... | ... | 020 07 | 105 07 | 235 12 | 265 16 | 280 23 | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi ... | 030 04 | 350 05 | 240 05 | 270 12 | | | | | | | |
| Jacobabad ... | 350 25 | 050 14 | 060 19 | 075 12 | 205 02 | 210 07 | ... | ... | ... | ... | ... |
| Jessore ... | 035 06 | 045 07 | 055 07 | 075 08 | 055 08 | 160 11 | 150 12 | ... | ... | ... | ... |
| Jhelum ... | 345 07 | 115 05 | 110 08 | 105 13 | 115 10 | 115 11 | | | | | |
| Jiwani ... | 360 11 | 010 11 | 010 17 | 310 12 | 315 17 | 315 20 | 320 20 | 295 45 | 295 34 | ... | ... |
| Karachi ... | 360 17 | 005 14 | 035 16 | 005 03 | | | | | | | |
| Khanpur ... | 020 12 | 015 16 | 035 21 | 045 28 | 065 14 | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | | | | | | | | | | | |
| Lahore ... | 035 06 | 045 07 | 085 07 | 055 06 | 050 08 | 075 08 | 150 14 | 160 11 | ... | ... | ... |
| Multan ... | | | | | | | | | | | |
| Nawab Shah ... | 005 03 | 020 30 | 025 06 | 075 14 | 175 06 | 220 05 | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 330 06 | 040 06 | 050 07 | ... | ... | ... | ... | ... | ... |
| Panjgur ... | | | | | | | | | | | |
| Peshawar ... | ... | 130 01 | 260 02 | 324 10 | 050 06 | 090 08 | 135 06 | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | 105 06 | 300 25 | 305 09 | 135 13 | 270 11 | 255 34 | 220 30 | 250 39 |
| Quetta ... | | | | 090 05 | 165 07 | | | | | | |
| Sargodha ... | 045 05 | 055 06 | 070 04 | 105 07 | 140 04 | 090 04 | 175 04 | ... | ... | ... | ... |
| Skardu ... | | | | 075 01 | 185 01 | | | 280 12 | 321 07 | ... | ... |
| Sylhet ... | 100 03 | 095 03 | 125 02 | 220 01 | 300 10 | 300 21 | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → / STATION ↓ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 025 27 | 030 49 | 050 39 | 135 08 | 220 12 | 250 17 | 255 21 | 260 23 | 265 26 | 265 43 | 250 09 | 265 60 | 286 01 | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

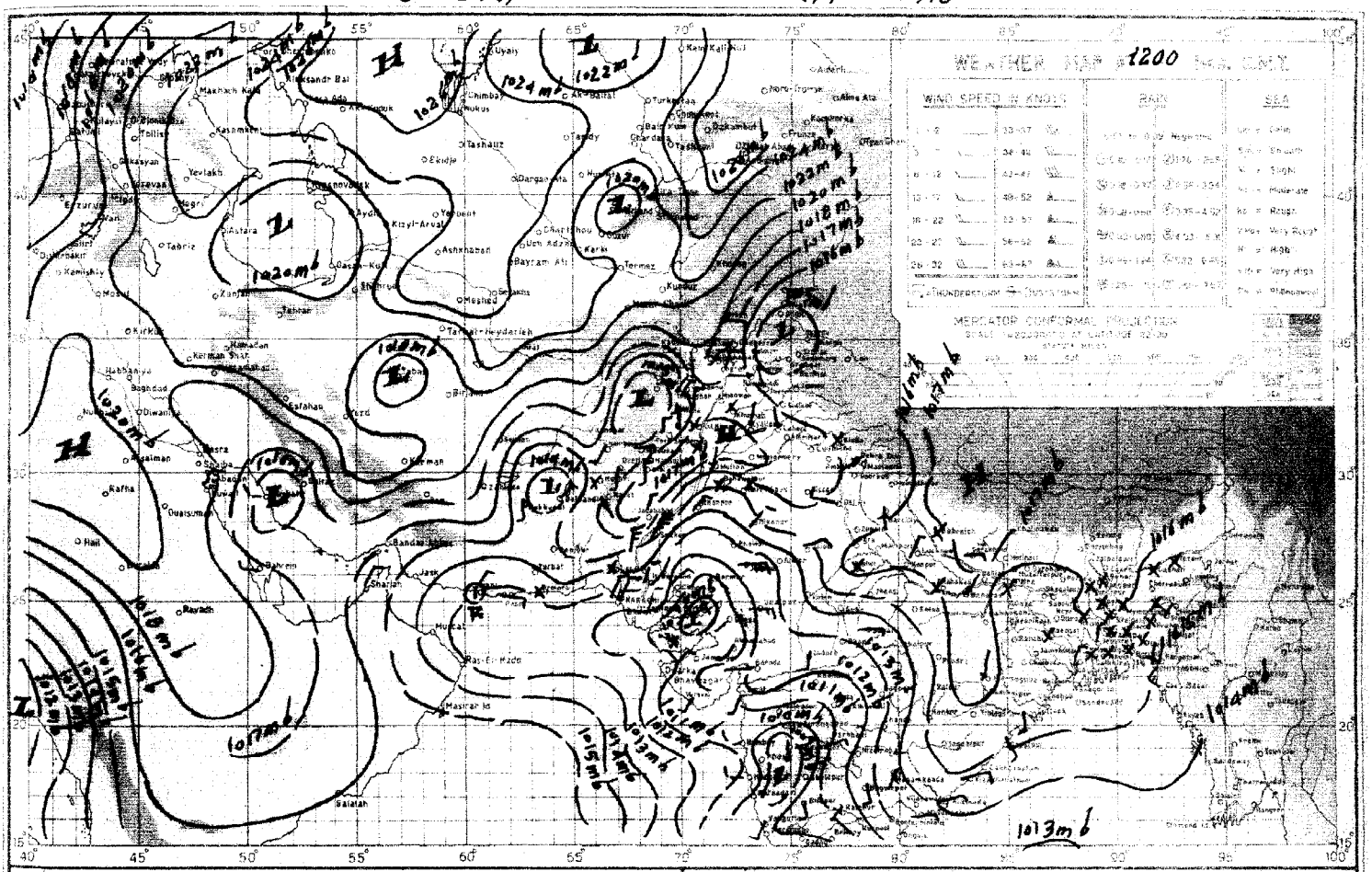
† The actual time of observations may vary within half an hour of the specified time.

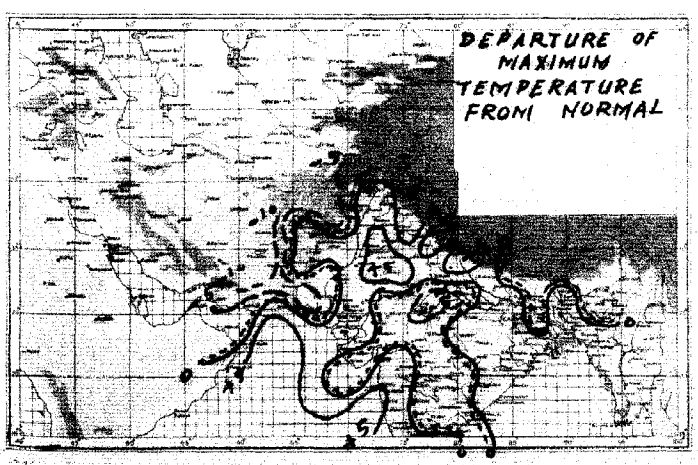
* The first two figures in each column give the wind direction "dd" in tens of degree clockwise from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

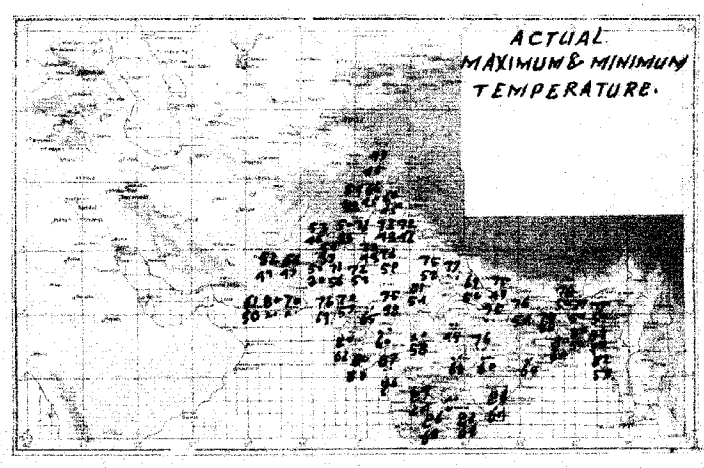
The accuracy of individual entries in this report cannot not be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Centre (Air Port, KARACHI—11)

# PAKISTAN DAILY WEATHER MAP

SUNDAY 18th JANUARY, 1970

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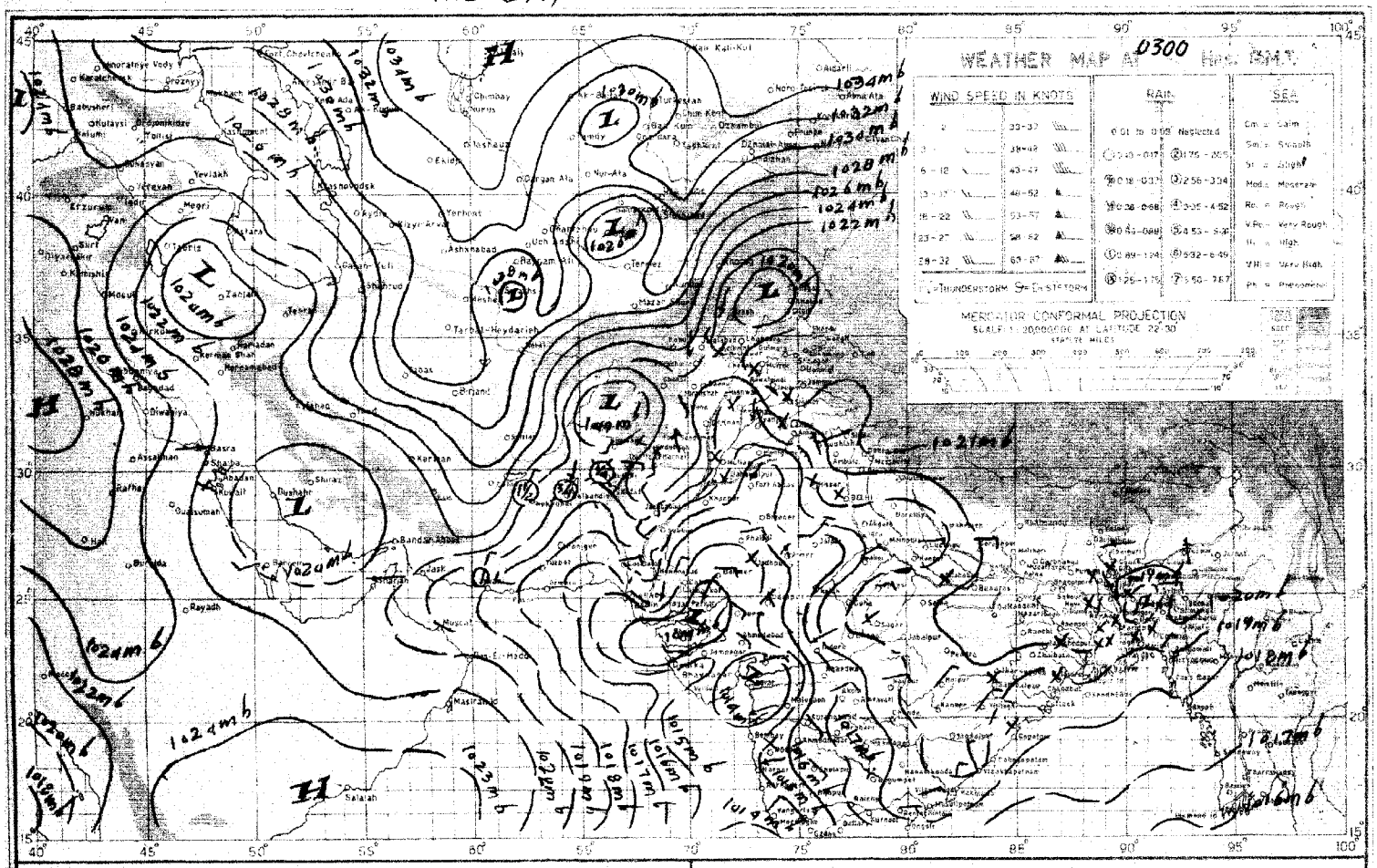
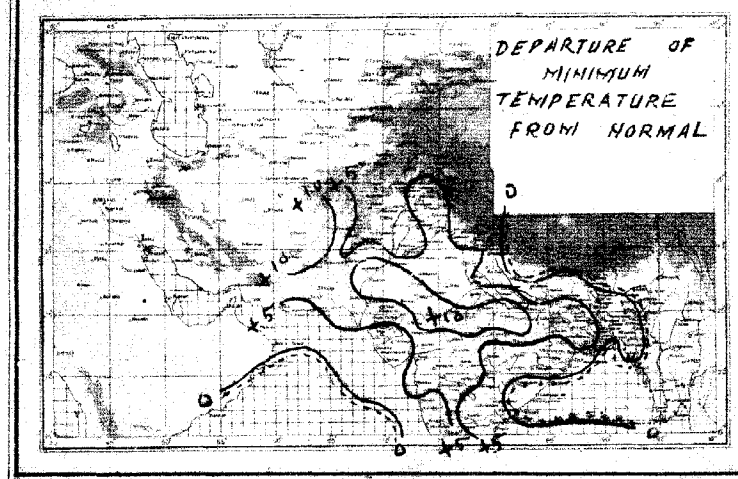
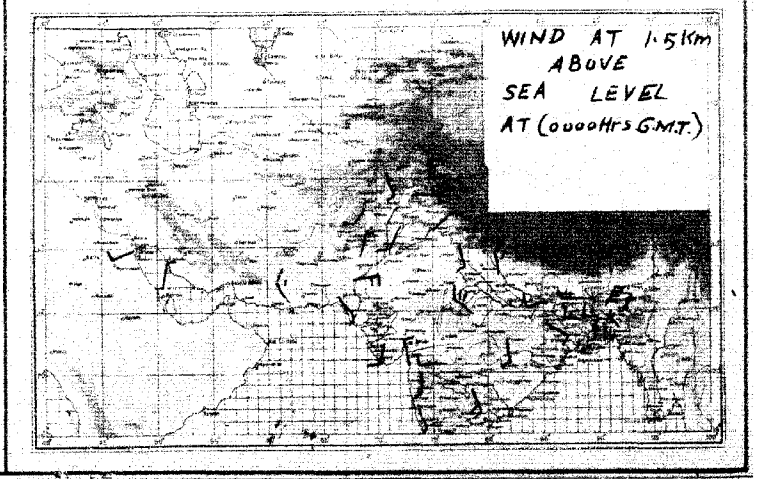
# PAKISTAN DAILY WEATHER MAP

MONDAY 19th JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**TUESDAY THE 20th JANUARY 1970.**

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

Yesterday's western disturbance over Peshawar division is moving away eastwards across Kashmir with its trough extending to Quetta division. The well marked low pressure area over Surashtra now lies over Rajasthan. The trough of low pressure over East Pakistan persists.

Fairly widespread rain/drizzle have occurred in Lahore division and scattered in Kalat and Khairpur divisions. A few falls of light rain or drizzle also occurred in Sargodha, Multan, Bahawalpur and Quetta divisions. Weather remained dry elsewhere over the country. Khuzdar recorded ¼" of rainfall.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan outside Chittagong division and in Lahore, Multan, Bahawalpur, D. I. Khan Quetta and Kalat divisions and were 3—4 °F (2 °C) below normal in Hyderabad division.

**Forecast valid until the evening of 21st January 1970** :—Scattered rain/thundershowers are likely to occur in Lahore, Rawalpindi, Chittagong and Rajshahi divisions and Kashmir. Mainly dry weather is likely to prevail elsewhere over the country.

Karachi-11
The 20th January, 1970.

## OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

| DIVISIONS | STATIONS | As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | 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 *P | Maximum temperature *P | As 0300 Hrs. G. M. T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *P | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 1 | 31 | 02 | // | 01 | 0 | 158 | 76 | 1 | 1 | 7 | 0 | 0 | 51 | 80 | 000 | 0 | 2 | 36 | 07 | 98 | 40 | 4 | 163 | 62 | 1 | 1 | 9 | 0 | 0 | 58 | 59 | — | — | — | — | — | — |
| | Cox's Bazar | 000 | 0 | 6 | 31 | 06 | // | 02 | 0 | 152 | 72 | 0 | 0 | 9 | 3 | 6 | 60 | 80 | 000 | 0 | 3 | 36 | 05 | 96 | 42 | 0 | /// | 68 | 0 | 0 | 9 | 2 | 1 | 56 | 58 | 0 | — | — | — | — | 140 |
| | Chittagong | 000 | 0 | 3 | 10 | 02 | // | 02 | 2 | 155 | 72 | 0 | 0 | 9 | 0 | 1 | 54 | 78 | 000 | 0 | 7 | 05 | 03 | 96 | 01 | 1 | 173 | 62 | 0 | 0 | 9 | 0 | 2 | 56 | 56 | — | + 1 | 1.3 | — 1.6 | 0.0 | 108 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 146 | 76 | 0 | 0 | 9 | 0 | 0 | 64 | 80 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 171 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | + 2 | — 2 | — | — | — | 115 |
| | Comilla | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 156 | 78 | 0 | 0 | 9 | 0 | 0 | 73 | 78 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 175 | // | 0 | 0 | 9 | 0 | 0 | 58 | 59 | — 1 | + 1 | 0.5 | — 0.9 | 0.0 | 54 |
| | Brahmanbaria | 000 | 0 | 6 | 00 | 00 | // | 03 | 2 | 156 | 72 | 0 | 0 | 9 | 0 | 5 | 67 | 77 | 000 | 0 | 4 | 02 | 03 | 97 | 03 | 1 | 178 | 68 | 0 | 0 | 9 | 0 | 5 | 60 | 56 | — | — | 1.3 | 0.1 | 0.0 | 78 |
| | Sylhet | 000 | 0 | 4 | 00 | 00 | // | 02 | 0 | 152 | 68 | 0 | 0 | 9 | 3 | 1 | 58 | 76 | 000 | 0 | 0 | 05 | 09 | 96 | 03 | 2 | 174 | 63 | 0 | 0 | 9 | 0 | 8 | 56 | 56 | — | — | 2.3 | — | 0.7 | — |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 120 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 47 | — | — 1 | — | — | — | 58 |
| Dacca | Mymensingh | 000 | 0 | 3 | 00 | 00 | // | 00 | 0 | 151 | 72 | 2 | 0 | 8 | 2 | 0 | 58 | 78 | 000 | 0 | 4 | 13 | 02 | 97 | 01 | 1 | 184 | 67 | 4 | 0 | 8 | 2 | 0 | 58 | 56 | + 2 | + 3 | 0.3 | — 0.7 | 0.0 | 91 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 145 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 85 | 000 | 0 | 2 | 31 | 02 | 97 | 01 | 1 | 177 | 73 | 0 | 0 | 9 | 3 | 1 | 58 | 60 | + 7 | + 5 | 1.4 | + 0.2 | 0.1 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 141 | 73 | 2 | 2 | 5 | 4 | 2 | 56 | 78 | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 4 | 171 | 65 | 0 | 0 | 9 | 0 | 1 | 56 | 58 | — | — | 1.2 | — | 0.1 | — |
| | Faridpur | 000 | 0 | 3 | 34 | 02 | 93 | 01 | 1 | 154 | 72 | 0 | 0 | 9 | 9 | 1 | 50 | 76 | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 174 | 68 | 6 | 4 | 6 | 1 | 0 | 62 | 58 | 0 | + 5 | 2.1 | + 0.7 | 0.5 | 71 |
| Khulna | Barisal | 000 | 0 | 2 | 00 | 00 | 95 | 02 | 0 | 160 | 72 | 0 | 0 | 9 | 0 | 5 | 59 | 78 | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 2 | 186 | 65 | 1 | 5 | 5 | 1 | 1 | 64 | 54 | 0 | — 1 | 0.9 | — 0.9 | 0.0 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 146 | 77 | 0 | 0 | 9 | 0 | 0 | 77 | 82 | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 149 | 69 | 0 | 4 | 5 | 0 | 0 | 59 | 62 | + 4 | + 7 | 1.3 | — 8.1 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 2 | 160 | 76 | 0 | 2 | 0 | 2 | 1 | 64 | 82 | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 172 | 65 | 2 | 2 | 6 | 9 | 0 | 60 | 59 | + 2 | + 6 | — | — | — | 85 |
| | Jessore | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 157 | 73 | 0 | 0 | 9 | 0 | 8 | 59 | 78 | 000 | 0 | 4 | 00 | 00 | 96 | 05 | 1 | 170 | 65 | 1 | 4 | 5 | 0 | 7 | 59 | 58 | — | — | 1.3 | + 0.1 | 0.1 | 65 |
| Rajshahi | Pabna | 000 | 0 | 4 | 00 | 00 | // | 03 | 0 | 161 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 80 | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 1 | 173 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 60 | + 1 | — | — | — | — | 59 |
| | Sirajganj | 000 | 0 | 4 | 00 | 00 | // | 02 | 2 | 165 | 73 | 4 | 0 | 7 | 4 | 0 | 56 | 77 | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 206 | 64 | 0 | 0 | 7 | 1 | 0 | 56 | 58 | + 1 | + 6 | 0.3 | — 0.6 | 0.3 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 1 | 164 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 77 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 183 | 68 | 0 | 0 | 9 | 2 | 0 | 56 | 59 | + 1 | 0 | — | — | — | — |
| | Bogra | 000 | 0 | 4 | 27 | 02 | // | 02 | 2 | 152 | 68 | 0 | 0 | 9 | 3 | 1 | 54 | 78 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 2 | 176 | 64 | 0 | 0 | 9 | 7 | 1 | 56 | 56 | + 4 | + 4 | 1.8 | + 0.3 | 0.0 | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 146 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 78 | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 157 | 54 | 0 | 0 | 9 | 0 | 0 | 41 | // | + 2 | — | — | — | — | 73 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 151 | 58 | 1 | 0 | 9 | 1 | 0 | 49 | 78 | 000 | 0 | 3 | 00 | 00 | 96 | 42 | 4 | 200 | 59 | 2 | 0 | 9 | 1 | 0 | 56 | 51 | + 3 | + 1 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Intl Ad.) | 000 | 0 | 8 | 00 | 00 | 95 | 02 | 3 | 158 | 63 | 4 | 5 | 7 | 2 | 1 | 45 | 67 | 013 | 9 | 8 | 00 | 00 | 95 | 00 | 8 | 134 | 54 | 6 | 6 | 6 | 2 | 1 | 57 | 49 | + 1 | + 3 | 0.1 | — 1.0 | 0.1 | 19 |
| | Sialkot | 000 | 0 | 2 | 00 | 05 | 92 | 00 | 0 | 165 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 72 | 015 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 175 | 56 | 0 | 0 | 9 | 0 | 0 | 69 | // | + 6 | — 8 | 0.1 | — 1.8 | 0.1 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 2 | 156 | 64 | 4 | 5 | 6 | 2 | 1 | 45 | 70 | 000 | 0 | 6 | 00 | 00 | 96 | 05 | 0 | /// | 49 | 2 | 3 | 5 | 7 | 0 | 43 | 47 | — | — | 0.4 | — | 0.2 | — |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | /// | 60 | 1 | 1 | 4 | 3 | 4 | 43 | 63 | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | /// | 49 | 2 | 3 | 5 | 7 | 0 | 43 | 47 | — | — | 0.4 | — | 0.2 | — |
| | Rawalpindi | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 2 | 162 | 63 | 8 | 4 | 6 | 3 | 0 | 28 | 64 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 2 | 149 | 49 | 5 | 6 | 3 | 1 | / | 42 | 49 | + 2 | + 10 | 0.3 | — 2.3 | 0.2 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 154 | 64 | 5 | 5 | 8 | 3 | 0 | 56 | 68 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | — | — | — | | 15 |
| | Sargodha | 000 | 0 | 7 | 12 | 03 | 96 | 01 | 2 | 157 | 67 | 2 | 5 | 6 | 2 | 6 | 43 | 69 | 000 | 0 | 8 | 00 | 00 | 96 | 04 | 5 | 129 | 54 | 5 | 5 | 6 | 2 | 1 | 49 | 52 | — | — | 0.1 | — | 0.0 | — |
| | Lyallpur | 000 | 0 | 5 | 29 | 02 | 95 | 02 | 0 | 162 | 64 | 5 | 4 | 8 | 0 | 0 | 49 | 70 | 000 | 0 | 0 | 00 | 00 | 95 | 01 | 5 | 125 | 56 | 2 | 5 | 8 | 0 | 0 | 48 | 48 | + 3 | + 8 | — | — | — | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| | Multan | 000 | 0 | 9 | 09 | 02 | 97 | 53 | 5 | 167 | 63 | 4 | 8 | 6 | 2 | 0 | 49 | 64 | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 145 | 50 | 2 | 5 | 6 | 7 | 0 | 45 | 45 | + 4 | + 3 | 0.0 | — 0.5 | 0.0 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Bahawalpur | 000 | 0 | 9 | 00 | 00 | 95 | 00 | 6 | 191 | 63 | 0 | 0 | 9 | 0 | 0 | 49 | 68 | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 9 | 131 | 56 | 0 | 0 | 9 | 0 | 0 | 49 | 47 | — 3 | + 6 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 2 | 145 | 64 | 2 | 0 | 9 | 3 | 4 | 41 | 67 | 000 | 0 | 1 | 00 | 00 | 93 | 04 | 0 | 142 | 40 | 0 | 0 | 9 | 0 | 7 | 33 | 40 | — 1 | + 1 | 0.7 | — 0.9 | 0.3 | 11 |
| Peshawar | Chakdara | 000 | 0 | 8 | 33 | 03 | 97 | 02 | 2 | 153 | 58 | 8 | 0 | 9 | 1 | 8 | 43 | 58 | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 2 | 140 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | — | — | 0.0 | — | 0.0 | — |
| | Peshawar | 000 | 0 | 7 | 00 | 09 | 97 | 02 | 2 | 164 | 64 | 2 | 0 | 9 | 3 | 4 | 41 | 67 | 000 | 0 | 1 | 00 | 00 | 93 | 04 | 0 | 142 | 40 | 0 | 0 | 9 | 0 | 7 | 33 | 40 | — 1 | + 1 | 0.7 | — 0.9 | 0.3 | 11 |
| | Kohat | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 2 | 158 | 60 | 6 | 0 | 9 | 7 | 0 | 40 | 63 | 000 | 0 | 0 | 05 | 03 | 97 | 03 | 2 | 145 | 44 | 5 | 0 | 9 | 3 | 0 | 38 | 43 | — | — | — | — | — | — |
| D. I. Khan | Bannu | 000 | 0 | 6 | 30 | 01 | 98 | 03 | 2 | 158 | 63 | 3 | 2 | 7 | 6 | 0 | 40 | 72 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 11 |
| | D. I. Khan | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 157 | 68 | 4 | 0 | 9 | 7 | 1 | 41 | 76 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 145 | 47 | 0 | 0 | 9 | 0 | 0 | 40 | 45 | + 8 | + 4 | 0.1 | — 0.8 | 0.1 | 9 |
| Quetta | Sibi | 025 | 0 | 8 | 18 | 03 | 97 | 03 | 1 | 103 | 56 | / | / | / | / | / | 62 | 58 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 168 | 44 | 0 | 0 | 9 | 0 | 0 | 42 | 42 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 5 | 31 | 09 | 96 | 01 | 2 | 183 | 56 | 5 | 5 | 5 | 0 | 0 | 31 | 54 | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 230 | 41 | 0 | 0 | 9 | 0 | 0 | 36 | 41 | — | — | 1.4 | — | 1.4 | 2 |
| Kalat | Turbat | 000 | 0 | 8 | 05 | 02 | 96 | 00 | 0 | /// | 67 | 0 | 2 | 9 | 0 | 0 | 48 | 67 | 000 | 0 | 0 | 31 | 02 | 96 | 00 | 0 | /// | 51 | 0 | 0 | 9 | 0 | 0 | 47 | // | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 169 | 67 | 0 | 0 | 9 | 0 | 0 | 49 | 68 | 000 | 0 | 4 | 26 | 03 | 96 | 03 | 0 | 195 | 53 | 1 | 5 | 6 | 0 | 0 | 50 | 51 | — | — | 7.6 | — | 6.6 | 5 |
| | Pasni | 000 | 0 | 6 | 11 | 06 | 97 | 02 | 0 | 151 | 78 | 3 | 3 | 9 | 0 | 0 | 69 | 80 | 000 | 0 | 0 | 29 | 04 | 97 | 02 | 0 | 188 | 56 | 0 | 0 | 0 | 0 | 0 | 46 | // | + 5 | — | 2.5 | + 0.6 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 1 | 07 | 05 | 96 | 02 | 2 | 171 | 68 | 1 | 8 | 6 | 0 | 0 | 58 | 69 | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 186 | 60 | 0 | 0 | 9 | 0 | 0 | 41 | // | — | — | — | — | — | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 183 | 50 | 0 | 0 | 8 | 0 | 0 | 41 | 50 | — | — | — | — | — | 8 |
| | Karachi (Manora) | 000 | 0 | 1 | 05 | 03 | 97 | 03 | 2 | 135 | 72 | 1 | 6 | 4 | 0 | 0 | 45 | 75 | 000 | 0 | 0 | 07 | 00 | 96 | 03 | 9 | 173 | 56 | 8 | 0 | 9 | 0 | 0 | 48 | 53 | 0 | — 2 | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 2 | 05 | 05 | 96 | 01 | 2 | 147 | 73 | 2 | 5 | 6 | 0 | 0 | 34 | 74 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 175 | 50 | 0 | 0 | 9 | 0 | 0 | 39 | 49 | — | — | 0.1 | — | 0.1 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 03 | 0 | 141 | 81 | 6 | 4 | 6 | 0 | 0 | 81 | 81 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 164 | 65 | 0 | 0 | 0 | 0 | 0 | 65 | 65 | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 6 | 36 | 10 | 96 | 02 | 2 | 124 | 72 | 4 | 6 | 5 | 2 | 0 | 42 | 78 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 169 | 46 | 0 | 0 | 9 | 0 | 0 | 43 | 44 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 4 | 36 | 09 | 96 | 02 | 2 | 153 | 65 | / | / | / | / | / | 45 | 68 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 175 | 49 | 0 | 0 | 9 | 0 | 0 | 43 | 47 | — 8 | — 4 | 0.1 | 0.8 | 0.1 | 9 |
| | Badin | 000 | 0 | 6 | 36 | 14 | 96 | 03 | 0 | 159 | 70 | 8 | 0 | 9 | 0 | 0 | 47 | 71 | 000 | 0 | 0 | 36 | 03 | 96 | 03 | 0 | 178 | 51 | 0 | 0 | 9 | 0 | 0 | 45 | 47 | — 6 | — 2 | 0.0 | — 0.4 | 0.0 | — |
| Khairpur | Padidan | | | | | | | | | | | | | | | | | | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 5 | 172 | 43 | 0 | 0 | 9 | 0 | 0 | 39 | 41 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 6 | 31 | 19 | 95 | 07 | 2 | 170 | 63 | 6 | 0 | 9 | 7 | 0 | 46 | 67 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 179 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 40 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 23 | 05 | 94 | 05 | 4 | 142 | 49 | 0 | 0 | 9 | 0 | 0 | 45 | 47 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 8 | 11 | 13 | 97 | 02 | 5 | 170 | 59 | 3 | 5 | 6 | 2 | 1 | 53 | 59 | 001 | 0 | 0 | 27 | 05 | 97 | 02 | 5 | 155 | 47 | 0 | 0 | 9 | 0 | 0 | 44 | 45 | — 13 | 0 | 0.1 | — 0.1 | 0.1 | 20 |
| Nasgadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Peshawar | Drosh | 000 | 0 | 7 | 09 | 07 | 97 | 02 | 1 | 537 | 49 | 7 | 0 | 9 | 5 | 0 | 29 | 56 | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 8 | 515 | 33 | 0 | 0 | 9 | 0 | 0 | 56 | 33 | + 8 | — | — | — | — | 18 |
| | Chitral | 000 | 0 | 6 | 31 | 14 | 96 | 02 | 2 | 508 | 51 | 6 | 5 | 9 | 0 | 0 | 22 | 51 | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 484 | 44 | 0 | 0 | 9 | 0 | 0 | 57 | 42 | + 2 | — | — | — | — | 29 |
| | Kakul | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 31 | 05 | 98 | 01 | 0 | 614 | 45 | 0 | 0 | 9 | 0 | 0 | // | // | | | 0.7 | — | 0.1 | — |
| | Peshawar | 000 | 0 | 7 | 13 | 05 | 97 | 02 | 2 | 515 | 50 | 2 | 5 | 6 | 3 | 1 | 23 | 54 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 490 | 33 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | + 4 | + 1 | — | — | — | 18 |
| D.I. Khan* | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 550 | 59 | 0 | 0 | 9 | 0 | 0 | 30 | 60 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 564 | 56 | 0 | 0 | 9 | 0 | 0 | 14 | 40 | — | — | — | — | — | 11 |
| | Wana | 000 | 0 | 4 | 00 | 00 | 99 | 00 | 0 | 464 | 54 | 4 | 2 | 8 | 0 | 0 | 41 | 56 | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 501 | 33 | 0 | 0 | 9 | 0 | 0 | 24 | 30 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 6 | 20 | 09 | 97 | 01 | 2 | 450 | 54 | 2 | 4 | 7 | 1 | 1 | 16 | 57 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 483 | 33 | 0 | 0 | 9 | 0 | 0 | 17 | 31 | — 1 | + 1 | 0.2 | — 0.7 | 0.2 | — |
| | Hindubagh | 000 | 0 | 8 | 09 | 09 | 97 | 03 | 0 | /// | 33 | 8 | 7 | 4 | 0 | 0 | 27 | 34 | 000 | 0 | 0 | 23 | 31 | 97 | 02 | 0 | /// | 14 | 0 | 0 | 9 | 0 | 0 | 10 | 10 | — | — | 0.7 | — | 0.5 | 9 |
| | Loralai | 000 | 0 | 8 | 27 | 03 | 97 | 01 | 0 | 528 | 49 | 0 | 1 | 9 | 0 | 0 | 41 | 50 | 000 | 0 | 0 | 27 | 05 | 98 | 00 | 0 | 516 | 40 | 0 | 0 | 9 | 0 | 0 | 30 | 35 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 481 | 51 | 0 | 4 | 6 | 0 | 0 | 45 | 56 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 449 | 39 | 0 | 0 | 9 | 0 | 0 | 31 | 38 | — | — | 0.0 | — 1.5 | 0.0 | 9 |
| | Sanjungi (Quetta) | 000 | 0 | 7 | 31 | 05 | 96 | 03 | 2 | 584 | 46 | 5 | 5 | 6 | 2 | 0 | 41 | 49 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 523 | 33 | 3 | 3 | 6 | 0 | 0 | 29 | 33 | — | — | 1.5 | — 0.8 | 0.0 | 9 |
| | Chaman | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 511 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 52 | 000 | 0 | 0 | 00 | 03 | 97 | 00 | 0 | 503 | 46 | 0 | 0 | 9 | 0 | 0 | 39 | 40 | — | + 6 | 6.3 | + 3.5 | 6.3 | — |
| | Nushki | 003 | 0 | 8 | 05 | 00 | 97 | 03 | 6 | 548 | 51 | 4 | 2 | 9 | 4 | 1 | 41 | 60 | 000 | 0 | 0 | 31 | 03 | 95 | 05 | 0 | 567 | 43 | 0 | 0 | 9 | 0 | 0 | 37 | 42 | — | — | 1.5 | — | 1.3 | 4 |
| | Dalbandin | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 0 | 514 | 53 | 8 | 5 | 6 | 0 | 0 | 43 | 54 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 11 | | | | | 7 |
| Kalat | Kalat | 000 | 0 | 8 | 09 | 07 | 93 | 60 | 2 | 505 | 36 | 3 | 4 | 9 | 0 | 6 | 30 | 47 | 000 | 0 | 0 | 36 | 02 | 57 | 00 | 2 | 524 | 34 | 6 | 0 | 9 | 0 | 0 | 26 | 31 | — 3 | + 5 | 0.8 | — 0.2 | 0.9 | — |
| | Khuzdar | 024 | 9 | 0 | 00 | 00 | 97 | 01 | 5 | 492 | 47 | 3 | 5 | 6 | 3 | 0 | 41 | 47 | 024 | 9 | 0 | 00 | 00 | 96 | 02 | 0 | 497 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 41 | — | — | 1.0 | — | 0.7 | 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, or 1200 hrs. is rainfall since 0900 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 20th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$ 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 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Chindward ... | 99 2 22 | 10 6 82 | 19 1 23 | 43 4 07 | 99 0 30 | 14 8 21 | 11 5 01 | 73 6 20 | | | | 12 3 51 | 20 1 01 | 33 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 |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 012 150 48 | ... | 500 114 57 | 108 024 56 | 577 109 57 | 745 211 57 | 950 389 45 | 218 585 // | 394 411 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 016 000 00 | ... | 500 092 50 | 114 054 61 | 518 105 64 | 746 221 64 | 952 365 59 | 225 585 // | 402 677 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 014 120 45 | ... | 450 030 50 | 036 045 // | 561 205 // | 723 049 // | 923 415 // | 189 565 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 998 800 50 | ... | 450 136 35 | 110 100 56 | 581 065 20 | 753 131 56 | 980 175 // | 265 265 // | 467 291 // | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 971 030 20 | ... | 400 044 33 | 995 041 36 | 595 177 36 | 713 281 // | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | MISDA | ... | ... | | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 998 080 40 | ... | 400 024 51 | 801 055 // | 556 215 // | 717 311 // | 917 391 // | 191 461 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 124 56 | 800 030 56 | 600 033 56 | 350 921 57 | .. | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 105 91 | 800 062 59 | 600 027 60 | 350 275 61 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 025 06 | 005 06 | 360 07 | 305 13 | 285 11 | 285 13 | ... | ... | ... |
| Bogra | 270 09 | 270 08 | 270 08 | 305 15 | 310 23 | 320 31 | ... | ... | ... |
| Chaklala | ... | 270 11 | 165 12 | 110 11 | 075 12 | 115 12 | ... | ... | ... |
| Chhor | 345 15 | 345 16 | 360 14 | | ... | ... | ... | ... | ... |
| Chittagong | 330 16 | 330 17 | 345 19 | 325 18 | 325 23 | 320 12 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 350 13 | 355 15 | 010 15 | 020 17 | 005 18 | ... | ... | ... | ... |
| Dacca | 340 04 | 310 10 | 305 06 | 310 17 | 300 20 | ... | ... | ... | ... |
| Dalbandin | ... | ... | 345 11 | 340 06 | ... | ... | ... | ... | ... |
| D. I. Khan | 055 08 | 055 08 | 050 17 | 055 12 | 035 12 | 050 12 | ... | ... | ... |
| Drosh | [illegible] | ... | ... | 055 07 | 040 11 | 015 04 | 020 03 | 145 05 | ... |
| Fort Sandeman | ... | ... | ... | 010 10 | 025 11 | 050 08 | 110 15 | 130 19 | 240 25 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 080 03 | 070 02 | 025 02 | 005 09 | 330 21 | ... | ... | ... | ... |
| Jacobabad | 340 19 | 340 13 | 005 06 | 070 06 | 355 07 | 250 10 | 265 10 | ... | ... |
| Jessore | 020 05 | 020 05 | 330 01 | 260 10 | 295 21 | 315 17 | 300 26 | ... | ... |
| Jhelum | 020 03 | 110 04 | 120 09 | 120 13 | 110 13 | 130 13 | ... | ... | ... |
| Jiwani | 030 00 | 025 14 | 025 15 | 025 20 | 340 19 | 330 24 | 305 36 | 300 46 | 300 54 |
| Karachi | 030 11 | 025 15 | 025 14 | 010 10 | 340 08 | 195 11 | 300 21 | 275 20 | 275 21 |
| Khanpur | 010 17 | 015 20 | 025 16 | 051 09 | 055 15 | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 015 09 | 015 07 | 310 13 | 310 19 | ... | ... |
| Lahore | 330 16 | 330 17 | 345 19 | 325 18 | 325 23 | 320 12 | ... | ... | ... |
| Multan | 065 10 | 040 22 | 030 22 | 035 25 | 085 13 | ... | ... | ... | ... |
| Nawab Shah | 355 19 | 360 23 | 020 17 | 340 06 | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 040 08 | 040 07 | 030 15 | 005 15 | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 315 03 | 325 11 | 010 07 | 035 07 | 065 12 | 065 13 | 065 12 | 055 07 |
| Parachinar | ... | ... | ... | 030 57 | 150 09 | 090 18 | 075 17 | ... | ... |
| Quetta | ... | ... | ... | ... | 300 05 | 315 12 | ... | ... | ... |
| Sargodha | 145 04 | 120 03 | 100 04 | 065 04 | 075 07 | 045 07 | 080 10 | 195 04 | 195 09 |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 230 03 | 250 03 | 090 05 | 050 02 | 240 04 | 225 07 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 035 18 | 360 06 | 320 07 | 315 14 | 305 18 | 280 12 |
| Bogra | 030 04 | 360 04 | 310 05 | 275 13 | 285 10 | ... |
| Chaklala | | 295 02 | 295 02 | 350 03 | 020 04 | 070 07 |
| Chhor | 350 20 | 335 15 | 005 09 | 030 09 | 085 06 | 140 06 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 010 18 | 010 25 | 020 15 | 325 21 | 300 26 | 260 24 |
| Dacca | 335 08 | 335 08 | 300 07 | /// // | 295 15 | ... |
| Dalbandin | ... | ... | 348 05 | 040 05 | 361 09 | ... |
| D. I. Khan | 065 07 | 050 09 | 045 10 | 085 05 | 185 05 | 205 09 |
| Drosh | ... | ... | 345 01 | 025 12 | 020 18 | 360 12 |
| Fort Sandeman | ... | ... | ... | 225 02 | 315 14 | 003 23 |
| Gilgit | ... | ... | ... | ... | ... | ... |
| Ishurdi | 090 07 | 095 13 | ... | ... | ... | ... |
| Jacobabad | 335 08 | 315 07 | 315 09 | 345 07 | 015 11 | 035 15 |
| Jessore | 101 23 | 210 03 | 240 03 | 285 08 | 260 10 | 305 23 |
| Jhelum | 310 02 | 025 08 | 025 09 | 060 08 | 045 12 | ... |
| Jiwani | 025 15 | 015 20 | 030 18 | 050 14 | 030 14 | ... |
| Karachi | | | | | ... | ... |
| Khanpur | 315 13 | 350 17 | 345 16 | 350 13 | | ... |
| Khuzdar | ... | ... | ... | 325 10 | 340 10 | 340 20 |
| Lahore | 080 05 | 105 09 | 105 08 | ... | ... | ... |
| Multan | 071 04 | 075 34 | 025 04 | 030 04 | 030 05 | 005 05 |
| Nawab Shah | 330 16 | 245 21 | 355 20 | 355 15 | 355 41 | 135 29 |
| Nokkundi | ... | ... | 330 15 | 040 05 | 367 08 | ... |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 315 05 | 310 06 | 310 07 | 311 15 | 335 17 |
| Parachinar | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 335 12 | 230 20 |
| Sargodha | 030 06 | 045 06 | 080 12 | 080 13 | 095 17 | ... |
| Skardu | ... | ... | ... | 310 03 | 275 02 | |
| Sylhet | 075 07 | 070 07 | 045 07 | 280 14 | 295 10 | 275 23 |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 0.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 050 07 | 360 07 | 330 10 | 310 20 | 305 13 | ... | ... | ... | ... | ... | ... |
| Bogra | 030 05 | 360 07 | 360 09 | 290 13 | 300 19 | 290 23 | ... | ... | ... | ... | ... |
| Chaklala | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... |
| Chhor | 300 06 | 305 06 | 325 06 | 010 14 | 350 22 | 330 37 | 300 24 | 310 53 | 310 52 | ... | ... |
| Chittagong | 350 19 | 330 20 | 320 23 | 315 11 | 280 04 | 305 19 | 260 25 | 265 33 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 016 12 | 360 21 | 355 21 | 005 13 | 010 11 | 050 12 | ... | ... | ... | ... | ... |
| Dacca | 025 03 | 005 04 | 305 05 | 310 10 | 310 17 | 300 12 | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 080 02 | 025 06 | 015 12 | 345 07 | 340 27 | 335 31 | 330 28 | 345 25 | 315 25 |
| D. I. Khan | 180 04 | 180 30 | 140 10 | 320 06 | 340 09 | 025 14 | 025 13 | 010 15 | 360 21 | 350 22 | 340 18 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 230 11 | 225 06 | 335 14 | 300 09 | 325 13 | 320 27 | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 045 05 | 074 05 | 135 02 | 275 08 | 290 07 | ... | ... | ... | ... | ... | ... |
| Jacobabad | 310 09 | 310 05 | 310 07 | 325 17 | 015 22 | 005 24 | 340 31 | 335 36 | 330 43 | ... | ... |
| Jessore | 155 07 | 290 22 | 215 03 | 280 10 | 280 12 | 310 23 | 310 27 | ... | ... | ... | ... |
| Jhelum | 090 03 | 115 04 | 130 04 | 110 04 | 075 02 | ... | ... | ... | ... | ... | ... |
| Jiwani | 035 13 | 040 12 | 045 13 | 055 16 | 120 13 | 335 75 | 310 27 | 300 40 | 300 49 | 300 53 | 300 78 |
| Karachi | 265 08 | 325 11 | 325 11 | 325 10 | 345 10 | 330 30 | 305 26 | 300 47 | 300 41 | ... | ... |
| Khanpur | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | | ... | 315 01 | 345 14 | 355 14 | 335 35 | 335 39 | 325 40 | 330 49 | ... |
| Lahore | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 245 05 | 290 06 | 290 09 | 290 20 | 310 82 | 330 38 | 365 41 | 360 59 | 360 44 | 345 61 | 355 74 |
| Nawab Shah | 355 05 | 350 09 | 350 14 | 360 20 | 360 23 | 315 28 | 310 24 | 315 15 | ... | ... | ... |
| Nokkundi | ... | ... | 065 01 | 155 06 | 190 05 | 010 12 | 330 27 | 310 25 | 310 25 | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | 315 03 | 330 03 | 340 15 | 355 21 | 355 23 | 350 21 | 345 30 | 345 37 |
| Quetta | ... | ... | ... | ... | 315 05 | 320 21 | 335 26 | 325 27 | 345 25 | ... | ... |
| Sargodha | 150 30 | 110 03 | 075 06 | 050 03 | 310 13 | 295 26 | 255 25 | ... | ... | ... | ... |
| Skardu | ... | ... | ... | 275 85 | 270 55 | 300 05 | ... | ... | ... | ... | ... |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 330 13 | 280 19 | 280 19 | 320 08 | 320 19 | 315 16 | 325 47 | 290 56 | 290 54 | 295 57 | 295 71 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

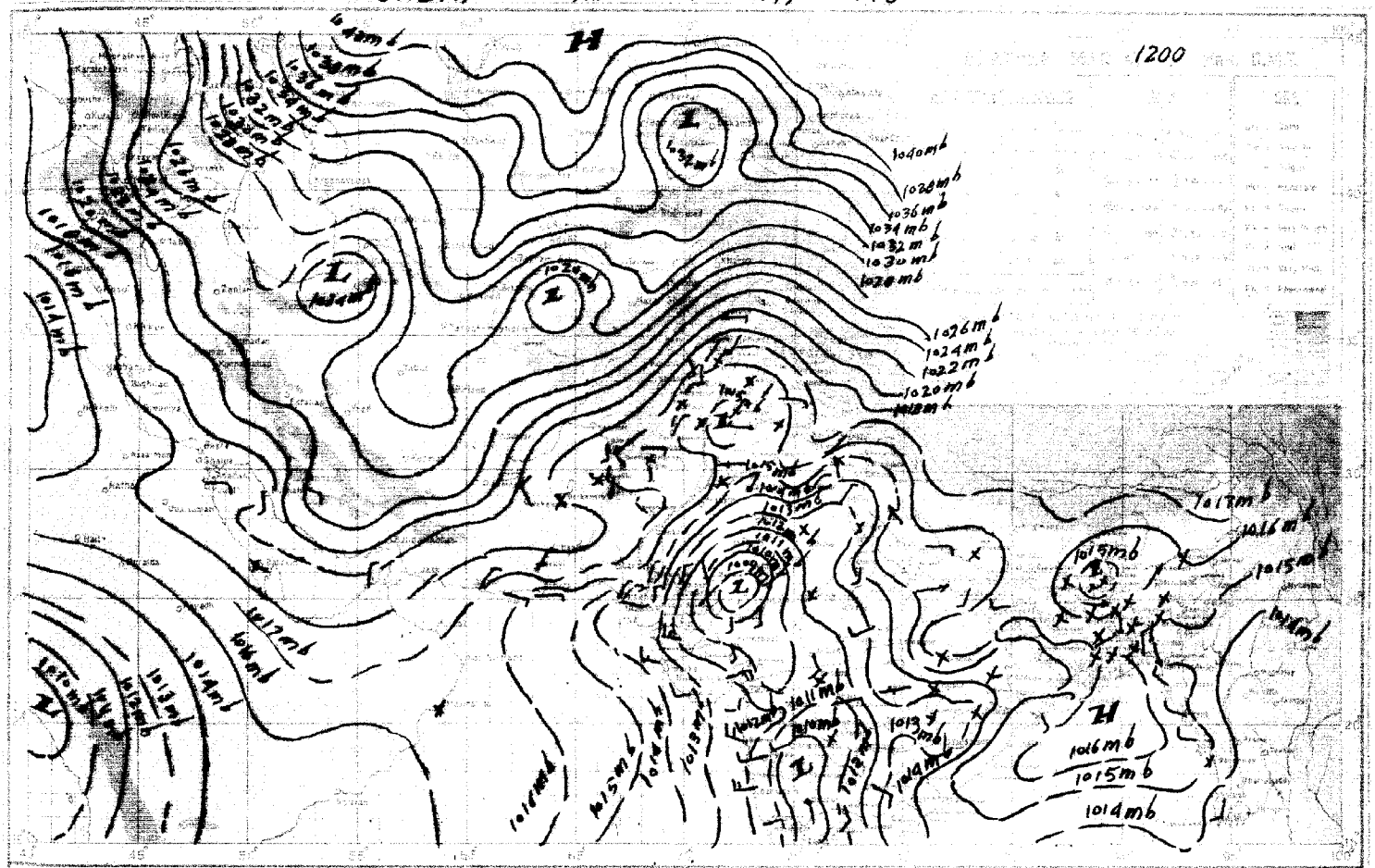
† The actual time of observations may vary within half an hour of the specified time.

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

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

# PAKISTAN DAILY WEATHER MAP

MONDAY 19th JANUARY, 1970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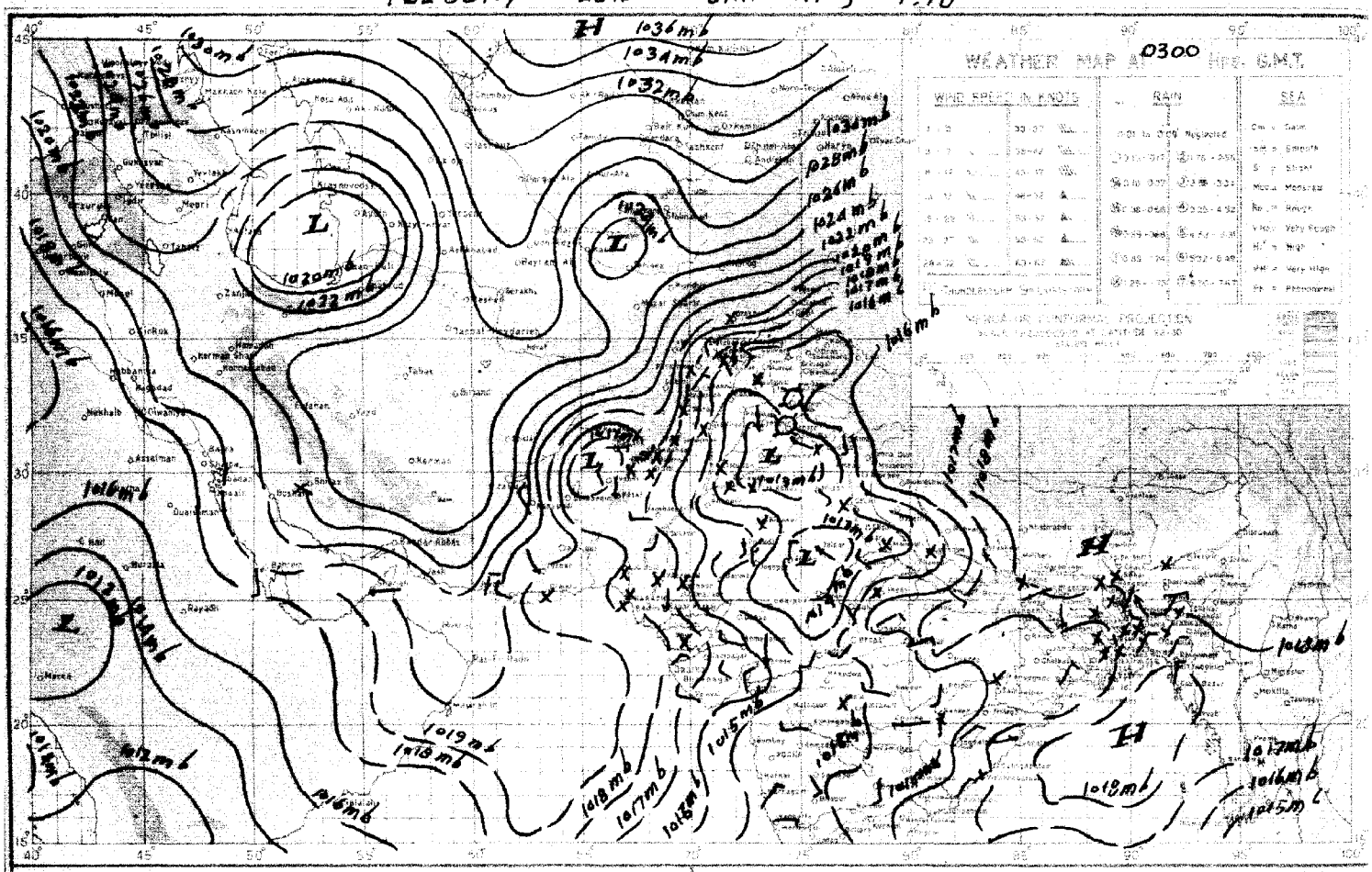
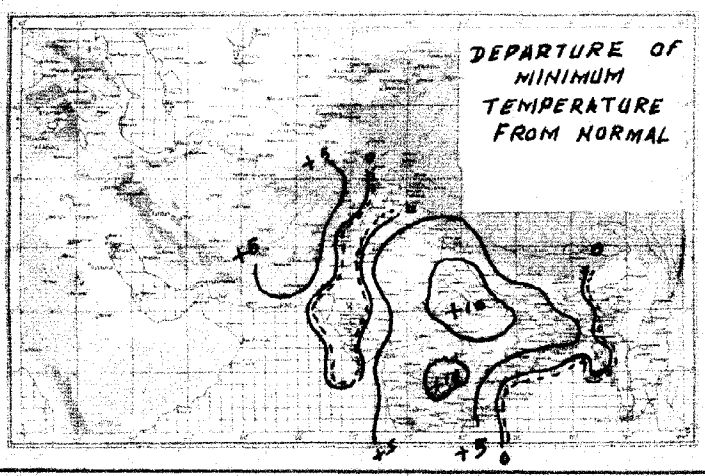
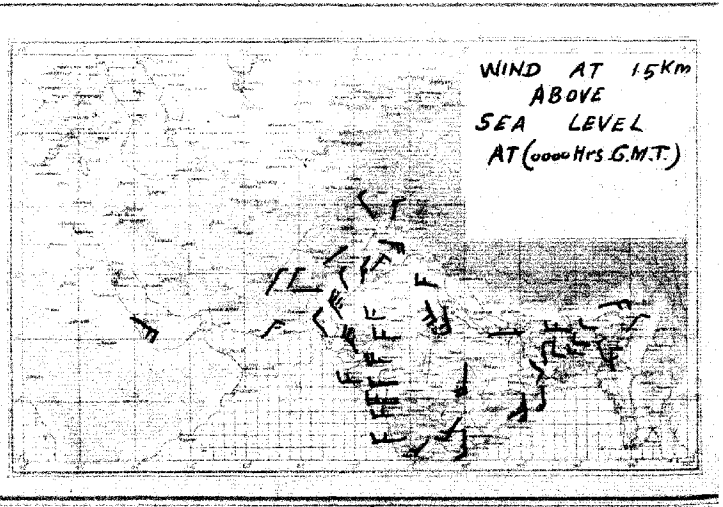
# PAKISTAN DAILY WEATHER MAP

TUESDAY 20th JANUARY, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 21st JANUARY 1970.**

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

A feeble western disturbance is moving across Quetta division and adjoining areas. Rain/showers have been scattered in Lahore division.

The trough of low pressure over East Pakistan has shifted slightly eastwards. A western disturbance lies over Bihar and adjoining areas. Rain/showers have been widespread in Rajshahi division, local in Dacca division and scattered in Chittagong and Khulna divisions.

Chief amounts of rainfall are : Pabna and Sirajgang 1½″ each, Mymensingh 1, Dinajpur and Jessore ¾″ each, Rajshahi, Bogra and Rangpur ½″ each, Sylhet, Faridpur and Lahore, ¼″ each.

Night temperatures were 3—4 °F (2 °C) below normal in Hyderabad division and were 3—9 °F (2—5 °C) above normal elsewhere in the country outside Rawalpindi, Peshawar Karachi and Khairpur divisions.

**Forecast valid until the evening of 22nd January 1970** :—Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Quetta, D. I. Khan, Multan, Lahore, Sargodha, Bahawalpur divisions and Kashmir. Weather will remain mainly dry elsewhere in West Pakistan.

(ZARIF AHMED)
for Director, Meteorological Service.

**Abridged winter rainfall forecast for January to March 1970** There is four to one chance that the winter rainfall in west Pakistan from January to March 1970 will be moderately below normal.

Karachi-11
The 21st January, 1970.

## OBSERVATIONS

SD. MUHAMMAD SAMIULLAH
Director, Meteorological Service.

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 3 | 18 | 02 | // | 01 | 0 | 139 | 73 | 2 | 3 | 6 | 8 | 0 | 50 | 78 |
| | Cox's Bazar | 000 | 0 | 7 | 36 | 06 | // | 02 | 2 | 132 | 73 | 1 | 5 | 4 | 7 | 1 | 63 | 80 |
| | Chittagong | 000 | 0 | 7 | 08 | 00 | // | 02 | 2 | 135 | 73 | 0 | 0 | 9 | 0 | 6 | 59 | 77 |
| | Maijdee Court | 000 | 6 | 8 | 00 | 00 | 90 | 03 | 2 | 131 | 76 | 8 | 4 | 4 | / | / | 73 | 78 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 141 | 77 | 0 | 0 | 9 | 0 | 0 | 73 | 78 |
| | Brahmanbaria | 000 | 0 | 6 | 03 | 00 | // | 03 | 1 | 135 | 72 | 0 | 0 | 9 | 0 | 5 | 64 | 77 |
| | Sylhet | 000 | 0 | 5 | 00 | 00 | // | 02 | 2 | 130 | 68 | 0 | 0 | 9 | 3 | 8 | 58 | 76 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 164 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 77 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 03 | 8 | 140 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Narayanganj | 000 | 0 | 8 | 13 | 02 | // | 02 | 2 | 130 | 76 | 8 | 6 | 3 | / | / | 59 | 80 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 131 | 73 | 8 | 8 | 9 | 3 | 1 | 58 | 78 |
| | Faridpur | 000 | 0 | 8 | 00 | 00 | 93 | 03 | 3 | 143 | 73 | 7 | 5 | 5 | 1 | 0 | 60 | 78 |
| Khulna | Barisal | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 2 | 133 | 72 | 2 | 3 | 4 | 0 | 5 | 63 | 78 |
| | Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 144 | 77 | 0 | 2 | 5 | 0 | 0 | 64 | 82 |
| | Satkhira | 000 | 0 | 8 | 00 | 08 | 95 | 03 | 3 | 139 | 76 | 5 | 4 | 9 | 2 | 1 | 67 | 82 |
| | Jessore | 000 | 2 | 8 | 18 | 03 | 96 | 02 | 5 | 122 | 74 | 4 | 5 | 4 | 2 | 1 | 67 | 80 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 03 | 2 | 122 | 73 | 7 | 8 | 9 | 7 | 0 | 56 | 78 |
| | Sirajganj | 000 | 0 | 8 | 00 | 00 | // | 02 | 2 | 150 | 73 | 8 | 0 | 7 | 8 | 0 | 54 | 77 |
| | Rajshahi | 005 | / | 8 | 05 | 03 | 94 | 61 | 6 | 141 | 67 | 8 | 7 | 9 | / | / | 63 | // |
| | Bogra | 000 | 0 | 7 | 00 | 00 | // | 02 | 2 | 131 | 72 | 2 | 0 | 4 | 3 | 8 | 58 | 77 |
| | Dinajpur | 000 | 3 | 6 | 00 | 00 | // | 01 | 1 | 137 | 67 | 6 | 6 | 0 | 9 | 2 | 59 | 76 |
| | Rangpur | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | 148 | 56 | 7 | 0 | 9 | 2 | 0 | 51 | // |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 024 | 8 | 8 | 00 | 00 | 96 | 21 | 6 | 108 | 56 | 4 | 5 | 6 | 2 | / | 54 | 56 |
| | Sialkot | 025 | 0 | 2 | 01 | 08 | 98 | 00 | 0 | 165 | 56 | 0 | 8 | 9 | 0 | 0 | // | 63 |
| Rawalpindi | Jhelum | 000 | 0 | 1 | 13 | 02 | 97 | 01 | 1 | /// | 60 | 1 | 8 | 9 | 3 | 0 | // | 62 |
| | Islamabad | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | /// | 61 | 1 | 2 | 8 | 0 | 0 | 33 | 62 |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 098 | 62 | 0 | 0 | 9 | 0 | 0 | 41 | 75 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | // | 98 | 00 | 0 | 103 | 68 | 0 | 0 | 9 | 6 | 0 | 58 | 69 |
| | Sargodha | 000 | 0 | 1 | 09 | 05 | 97 | 01 | 0 | 106 | 64 | 0 | 0 | 9 | 0 | 1 | 51 | 68 |
| | Lyallpur | 000 | 4 | 5 | 36 | 02 | 95 | 02 | 5 | 101 | 62 | 5 | 0 | 9 | 3 | 0 | 49 | 68 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Leiah | 000 | 0 | 0 | 36 | 06 | 94 | 00 | 0 | 120 | 77 | 0 | 0 | 9 | 0 | 0 | 35 | // |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 107 | 73 | 0 | 0 | 9 | 0 | 0 | 33 | 75 |
| | Bahawalpur | 000 | 0 | 8 | 00 | 00 | 96 | 00 | 0 | 126 | 69 | 0 | 0 | 9 | 0 | 0 | 45 | 73 |
| | Fort Abbas | 000 | 0 | 2 | 23 | 02 | 98 | 02 | 0 | /// | 51 | 0 | 0 | 9 | 0 | 0 | // | 56 |
| Peshawar | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Peshawar | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 091 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 68 |
| | Haripur | 000 | 0 | 0 | 09 | 03 | 98 | 00 | 0 | 091 | 62 | 0 | 0 | 9 | 0 | 0 | 35 | 65 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 13 | 02 | 99 | 00 | 0 | 106 | 64 | 8 | 0 | 9 | 0 | 0 | 30 | 69 |
| | D. I. Khan | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | 094 | 68 | 8 | 0 | 9 | 0 | 0 | 59 | 68 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 131 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 71 |
| | Nokkundi | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 166 | 61 | 0 | 0 | 9 | 0 | 0 | 32 | 63 |
| Kalat | Turbat | 000 | 0 | 0 | 02 | 02 | 96 | 00 | 0 | /// | 72 | 0 | 0 | 9 | 0 | 0 | 42 | 72 |
| | Jiwani | 000 | 0 | 5 | 36 | 05 | 96 | 02 | 1 | 171 | 69 | 0 | 0 | 9 | 0 | 1 | 50 | 70 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | /// | 73 | 0 | 0 | 9 | 0 | 0 | 46 | 75 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 07 | 96 | 02 | 2 | 149 | 72 | 1 | 0 | 9 | 0 | 0 | 52 | 73 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 3 | 27 | 05 | 97 | 03 | 0 | 145 | 71 | 2 | 6 | 4 | 0 | 0 | 54 | 78 |
| | Karachi (Airport) | 000 | 0 | 3 | 27 | 05 | 96 | 03 | 0 | 140 | 74 | 0 | 0 | 9 | 0 | 1 | 41 | 76 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 147 | 81 | 0 | 0 | 9 | 0 | 0 | 81 | 81 |
| | Chhor | 000 | 0 | 0 | 31 | 43 | 96 | 03 | 0 | 127 | 72 | 0 | 0 | 9 | 0 | 0 | 39 | 79 |
| | Hyderabad | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 0 | 138 | 76 | 0 | 0 | 9 | 0 | 1 | 41 | 78 |
| | Badin | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 137 | 75 | 0 | 0 | 9 | 0 | 0 | 41 | 77 |
| Khairpur | Padidan | 000 | 0 | 2 | 31 | 05 | 97 | 03 | 0 | 123 | 73 | 0 | 0 | 9 | 0 | 1 | 34 | 75 |
| | Nawabshah | 000 | 0 | 1 | 27 | 03 | 96 | 02 | 0 | 135 | 75 | 0 | 0 | 9 | 0 | 1 | 38 | 77 |
| | Sukkur | 000 | 0 | 0 | 13 | 05 | 94 | 05 | 4 | 131 | 73 | 0 | 0 | 9 | 0 | 0 | 49 | 74 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 2 | 07 | 03 | 97 | 02 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 45 | 75 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
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| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Peshawar | Drosh * | 000 | 0 | 0 | 36 | 17 | 98 | 02 | 0 | 477 | 31 | 0 | 0 | 9 | 0 | 0 | 41 | 53 |
| | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 486 | 38 | 0 | 0 | 9 | 0 | 0 | 56 | 58 |
| | Kakul * | 000 | 0 | 0 | 11 | 03 | // | 02 | 1 | 457 | 31 | 0 | 0 | 9 | 0 | 0 | 35 | 46 |
| | Landikotal * | 000 | 0 | 0 | 31 | 05 | 98 | 03 | 0 | 526 | 38 | 0 | 0 | 9 | 0 | 0 | 40 | 60 |
| | Parachinar * | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 438 | 51 | 0 | 0 | 9 | 0 | 0 | 20 | 56 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 557 | 60 | 0 | 0 | 9 | 0 | 0 | 31 | 62 |
| | Wana * | 000 | 0 | 2 | 05 | 05 | 99 | 00 | 0 | 472 | 60 | 0 | 0 | 9 | 0 | 0 | 45 | 62 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 31 | 03 | 98 | 02 | 0 | 441 | 59 | 0 | 0 | 9 | 0 | 0 | 11 | 61 |
| | Hindubagh * | 000 | 0 | 0 | 20 | 31 | 97 | 02 | 0 | /// | 34 | 0 | 0 | 9 | 0 | 0 | 29 | 35 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 481 | 60 | 2 | 0 | 9 | 0 | 0 | 42 | 60 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 459 | 64 | 0 | 0 | 9 | 0 | 0 | 43 | 46 |
| | Samungli (Quetta) * | 000 | 0 | 3 | 31 | 07 | 96 | 01 | 0 | 500 | 50 | 3 | 2 | 6 | 2 | 0 | 40 | 51 |
| | Chaman * | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 511 | 50 | 0 | 0 | 9 | 0 | 0 | 42 | 54 |
| | Nushki * | 000 | 0 | 3 | 27 | 02 | 97 | 03 | 0 | 558 | 52 | 0 | 0 | 9 | 0 | 2 | 44 | 52 |
| | Dalbandin * | 000 | 0 | 5 | 23 | 02 | 97 | 03 | 0 | 530 | 57 | 0 | 0 | 9 | 3 | 0 | 63 | 61 |
| Kalat | Kalat * | 000 | 0 | 0 | 36 | 03 | 98 | 00 | 2 | 510 | 48 | 0 | 0 | 9 | 0 | 0 | 20 | 45 |
| | Khuzdar * | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 490 | 59 | 0 | 0 | 9 | 0 | 0 | 29 | 48 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| STATIONS (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 6 | 6 | 27 | 02 | 58 | 40 | 4 | 148 | 64 | 3 | 4 | 6 | 7 | 0 | 59 | 59 |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong | 000 | 0 | 6 | 05 | 02 | 96 | 02 | 2 | 131 | 65 | 6 | 0 | 9 | 3 | 0 | 58 | 59 |
| Maijdee Court | 000 | 9 | 8 | 00 | 00 | 96 | 03 | 2 | 138 | 69 | 0 | 0 | 9 | 2 | 2 | 65 | 58 |
| Comilla | 000 | 0 | 4 | 36 | 05 | 96 | 02 | 0 | 147 | 64 | 4 | 4 | 7 | 0 | 0 | 62 | 59 |
| Brahmanbaria | 000 | 0 | 8 | 05 | 05 | 96 | 03 | 1 | 149 | 63 | 8 | 5 | 5 | / | / | 61 | 63 |
| Sylhet | 027 | 3 | 8 | 21 | 05 | 95 | 62 | 6 | 146 | 59 | 4 | 7 | 3 | 1 | / | 58 | 54 |
| Srimangal | 000 | 5 | 8 | 00 | 00 | 96 | 02 | 6 | 149 | 61 | / | / | / | / | / | // | 54 |
| Mymensingh | 090 | 2 | 8 | 00 | 00 | 96 | 61 | 6 | 154 | 60 | 8 | 6 | 4 | / | / | 60 | 59 |
| Narayanganj | 000 | 0 | 8 | 31 | 02 | 97 | 02 | 2 | 133 | 64 | 8 | 6 | 3 | / | / | 60 | // |
| Dacca (Tejgaon) | 007 | 9 | 8 | 05 | 05 | 94 | 61 | 6 | 142 | 62 | 7 | 7 | 3 | 2 | / | 60 | 62 |
| Faridpur | 025 | 0 | 8 | 05 | 05 | 96 | 61 | 2 | 155 | 64 | 6 | 4 | 5 | 1 | 0 | 62 | 62 |
| Barisal | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 144 | 65 | 7 | 0 | 8 | 2 | 0 | 64 | // |
| Khulna | 000 | 0 | 4 | 05 | 05 | 97 | 02 | 0 | 133 | 68 | 0 | 0 | 9 | 0 | 0 | 65 | 64 |
| Satkhira | 003 | 0 | 8 | 00 | 00 | 96 | 03 | 5 | 147 | 65 | 6 | 4 | 7 | 1 | 0 | 65 | 64 |
| Jessore | 071 | 0 | 8 | 36 | 08 | 96 | 03 | 9 | 149 | 62 | 3 | 7 | 7 | 3 | 0 | 68 | 62 |
| Pabna | 134 | 9 | 6 | 09 | 02 | 98 | 01 | 9 | 141 | 60 | 6 | 0 | 9 | 8 | 0 | 60 | 60 |
| Sirajganj | 135 | 4 | 8 | 09 | 01 | 96 | 63 | 0 | 147 | 60 | 8 | 7 | 6 | 0 | 0 | 59 | 58 |
| Rajshahi | 055 | 9 | 8 | 09 | 03 | 95 | 61 | 6 | 146 | 60 | 8 | 7 | 5 | / | / | 59 | 59 |
| Bogra | 045 | 9 | 8 | 09 | 02 | 96 | 61 | 6 | 138 | 59 | 4 | 5 | 4 | 2 | / | 65 | 59 |
| Dinajpur | 083 | 2 | 6 | 00 | 00 | 96 | 02 | 6 | 158 | 60 | 6 | 5 | 6 | 0 | 0 | 55 | 58 |
| Rangpur | 049 | 3 | 7 | 27 | 02 | 96 | 21 | 6 | 146 | 60 | 7 | 0 | 9 | 2 | 0 | 59 | 51 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 024 | 7 | 8 | 36 | 01 | 92 | 11 | 4 | 153 | 51 | / | / | / | / | / | 40 | 49 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 59 | 00 | 0 | 165 | 45 | 0 | 0 | 9 | 0 | 0 | 20 | 36 |
| Jhelum | 000 | 2 | 9 | 00 | 00 | 8 | 14 | 34 | 159 | 45 | / | / | / | / | / | 43 | 40 |
| Islamabad | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | /// | 46 | 3 | 5 | 6 | 5 | 0 | 43 | 43 |
| Rawalpindi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 5 | 05 | // | 97 | 04 | 2 | 160 | 47 | 0 | 0 | 9 | 2 | 3 | 41 | 40 |
| Sargodha | 000 | 3 | 0 | 00 | 00 | 90 | 45 | 4 | 155 | 46 | 9 | / | / | / | / | 46 | 45 |
| Lyallpur | 000 | 9 | 8 | 00 | 00 | 54 | 42 | 5 | 149 | 47 | 0 | 0 | 9 | 0 | 0 | 43 | 45 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 5 | 09 | 03 | 96 | 04 | 1 | 143 | 49 | 1 | 0 | 9 | 3 | 4 | 40 | 47 |
| Leiah | 000 | 0 | 0 | 36 | 02 | 92 | 00 | 0 | 168 | 45 | 0 | 0 | 9 | 0 | 0 | 41 | 45 |
| Khanpur | 000 | 0 | 5 | 23 | 03 | 96 | 03 | 0 | 136 | 51 | 2 | 0 | 9 | 3 | 1 | 41 | 45 |
| Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 145 | 46 | 0 | 0 | 9 | 0 | 0 | 40 | 45 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 155 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 56 |
| Chakdra | 000 | 0 | 6 | 05 | 07 | 97 | 03 | 0 | 163 | 35 | 0 | 0 | 9 | 8 | 9 | 33 | 35 |
| Peshawar | 000 | 0 | 6 | 00 | 00 | 96 | 04 | 2 | 164 | 42 | 7 | 0 | 9 | 3 | 1 | 40 | 41 |
| Haripur | 000 | 3 | 6 | 05 | 03 | 98 | 00 | 0 | 154 | 47 | 0 | 0 | 9 | 0 | 0 | // | 43 |
| Bannu | 000 | 0 | 5 | 18 | 01 | 98 | 03 | 1 | 161 | 41 | 0 | 0 | 9 | 4 | 5 | 35 | 41 |
| D. I. Khan | 000 | 3 | 8 | 00 | 00 | 98 | 10 | 4 | 160 | 50 | 3 | 5 | 5 | 0 | 0 | 47 | 47 |
| Sibi | 000 | 0 | 6 | 36 | 06 | 97 | 03 | 1 | 155 | 46 | 4 | 2 | 9 | 4 | 2 | 42 | 48 |
| Nokkundi | 000 | 0 | 2 | 00 | 00 | 92 | 01 | 0 | 204 | 45 | 2 | 0 | 9 | 3 | 0 | // | 40 |
| Turbat | 000 | 0 | 0 | 18 | 02 | 96 | 00 | 0 | /// | 52 | 0 | 0 | 9 | 0 | 0 | 45 | 50 |
| Jiwani | 000 | 0 | 5 | 36 | 03 | 96 | 02 | 2 | 158 | 58 | 0 | 0 | 9 | 0 | 1 | 49 | 53 |
| Pasni | 000 | 0 | 5 | 29 | 04 | 97 | 02 | 0 | 156 | 55 | 3 | 0 | 9 | 0 | 2 | 45 | // |
| Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 2 | 148 | 60 | 1 | 0 | 9 | 0 | 0 | 51 | // |
| Lasbela | | | | | | | | | | | | | | | | | |
| Karachi (Manora) | 000 | 0 | 3 | 05 | 07 | 96 | 03 | 0 | 135 | 64 | 0 | 0 | 9 | 0 | 1 | 55 | 59 |
| Karachi (Airport) | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 1 | 146 | 52 | 0 | 0 | 9 | 0 | 2 | 41 | 48 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 174 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 61 |
| Chhor | 000 | 0 | 1 | 03 | 00 | 96 | 02 | 0 | 149 | 44 | 0 | 0 | 9 | 0 | 1 | 38 | 41 |
| Hyderabad | 009 | 0 | 5 | 00 | 00 | 96 | 10 | 1 | 145 | 53 | 0 | 0 | 9 | 0 | 1 | 47 | 48 |
| Badin | 000 | 0 | 0 | 23 | 01 | 96 | 01 | 0 | 156 | 50 | 0 | 0 | 9 | 0 | 0 | 46 | 48 |
| Padidan | 000 | 0 | 2 | // | // | 97 | 02 | 0 | 187 | 43 | 0 | 0 | 9 | 0 | 1 | 37 | 42 |
| Nawabshah | 000 | 0 | 2 | 13 | 03 | 96 | 03 | 0 | 148 | 45 | 0 | 0 | 9 | 0 | 4 | 39 | 42 |
| Sukkur | 000 | 2 | 0 | 13 | 02 | 93 | 05 | 4 | 142 | 49 | 0 | 0 | 9 | 0 | 0 | 45 | 47 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 001 | 0 | 3 | 36 | 02 | 96 | 03 | 0 | 137 | 50 | 3 | 0 | 9 | 3 | 0 | 41 | 46 |
| Veraval | | | | | | | | | | | | | | | | | |
| Srinagar to Gilgit, Murree | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 507 | 33 | 2 | 0 | 9 | 7 | 1 | 20 | 33 |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kakul | 000 | 0 | 6 | 31 | 02 | 98 | 03 | 1 | 486 | 41 | 0 | 0 | 9 | 0 | 5 | 32 | 38 |
| Landikotal | 000 | 0 | 4 | 36 | 03 | 98 | 01 | 0 | 604 | 36 | 4 | 3 | 6 | 0 | 0 | 30 | 26 |
| Parachinar | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 495 | 35 | 0 | 0 | 9 | 0 | 0 | // | 32 |
| Miranshah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | 000 | 6 | 7 | 18 | 03 | 97 | 03 | 1 | 481 | 38 | 0 | 0 | 9 | 2 | 5 | 20 | 33 |
| Hindubagh | 000 | 0 | 7 | 09 | 09 | 96 | 09 | 0 | /// | 14 | 7 | 2 | 5 | 0 | 0 | 10 | 09 |
| Loralai | 000 | 0 | 2 | 07 | 05 | 98 | 00 | 0 | 516 | 39 | 0 | 0 | 9 | 0 | 0 | 30 | 35 |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 4 | 31 | 02 | 96 | 02 | 0 | 436 | 43 | 0 | 0 | 7 | 0 | 4 | 32 | 39 |
| Samungli (Quetta) | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 514 | 33 | 7 | 0 | 9 | 2 | 0 | 31 | 31 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 570 | 58 | 3 | 1 | 9 | 0 | 0 | // | 40 |
| Nushki | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 550 | 45 | 0 | 0 | 9 | 6 | 1 | 36 | 43 |
| Dalbandin | 000 | 0 | 6 | 00 | 00 | 98 | 02 | 1 | 500 | 41 | 2 | 0 | 9 | 3 | 7 | 39 | 39 |
| Kalat | 000 | 0 | 0 | 09 | 02 | 97 | 00 | 2 | 519 | 30 | 0 | 0 | 9 | 0 | 0 | 14 | 30 |
| Khuzdar | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 481 | 39 | 6 | 0 | 9 | 3 | 0 | 27 | 37 |
| Panjgur | | | | | | | | | | | | | | | | | |

| STATIONS (2) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Rainfall Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | — | — | — | — |
| Cox's Bazar | 0 | | | | | 140 |
| Chittagong | — 2 | + 4 | 1.3 | — 1.6 | 0.0 | 108 |
| Maijdee Court | 0 | 0 | — | | — | 115 |
| Comilla | — 1 | + 8 | 0.5 | — 1.3 | 0.0 | 94 |
| Brahmanbaria | — | — | 1.3 | — 0.1 | 0.0 | 78 |
| Sylhet | — | | 2.5 | — | 1.0 | — |
| Srimangal | — 4 | + 6 | — | | — | 58 |
| Mymensingh | + 1 | + 6 | 1.2 | + 0.1 | 0.9 | 91 |
| Narayanganj | + 2 | / | 1.4 | + 0.2 | 0.1 | 74 |
| Dacca (Tejgaon) | — | — | 1.4 | | 0.2 | — |
| Faridpur | + 2 | + 9 | 2.3 | + 1.1 | 0.7 | 71 |
| Barisal | 0 | / | 0.9 | — 0.9 | 0.0 | 81 |
| Khulna | + 4 | + 8 | 1.4 | — 0.1 | 0.0 | 68 |
| Satkhira | + 2 | + 9 | — | — | — | 65 |
| Jessore | — | — | 2.0 | — 0.8 | 0.9 | 65 |
| Pabna | — | — | — | — | — | 59 |
| Sirajganj | + 1 | + 6 | 1.7 | + 0.7 | 1.6 | 64 |
| Rajshahi | / | + 7 | 1.8 | + 1.0 | 0.6 | — |
| Bogra | + 1 | + 7 | 2.2 | + 1.2 | 0.5 | 69 |
| Dinajpur | 0 | — 9 | — | — | — | 72 |
| Rangpur | / | + 1 | — | — | — | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | — 12 | + 9 | 0.4 | — 0.8 | 0.4 | 19 |
| Sialkot | — 3 | — 7 | 0.2 | — 1.9 | 0.2 | 32 |
| Jhelum | — | — | — | — | — | — |
| Islamabad | — | | 0.4 | — | 0.2 | — |
| Rawalpindi | + 13 | | | | | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 1 | — 2 | — | — | — | 15 |
| Sargodha | — | — | 0.1 | — | 0.0 | — |
| Lyallpur | + 1 | + 4 | — | | — | 12 |
| Sahiwal | | | | | | 10 |
| Multan | | + 3 | 0.0 | — 0.5 | 0.0 | 7 |
| Leiah | — | | — | — | — | 8 |
| Khanpur | + 3 | + 3 | — | — | — | 6 |
| Bahawalpur | + 2 | + 3 | 0.0 | — 0.3 | 0.0 | 6 |
| Fort Abbas | — | — | | | | 8 |
| Chakdra | | — | 0.8 | — | 0.3 | — |
| Peshawar | + 5 | 0 | 0.8 | — 1.0 | 0.3 | 11 |
| Haripur | — | — | — | | — | — |
| Bannu | — | — | — | — | | 11 |
| D. I. Khan | + 1 | + 6 | 0.1 | — 0.5 | 0.1 | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 3 |
| Nokkundi | | — | 1.4 | | 1.4 | 2 |
| Turbat | — | — | 0.3 | — | 0.3 | — |
| Jiwani | — | — | 7.6 | — | 6.6 | 5 |
| Pasni | 0 | / | 2.5 | — 0.6 | 2.5 | 6 |
| Ormara | — | — | — | — | — | 6 |
| Lasbela | | | | | | 8 |
| Karachi (Manora) | + 3 | + 1 | 0.3 | — 0.2 | 0.3 | 8 |
| Karachi (Airport) | — | — | 0.1 | — | 0.1 | — |
| Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| Chhor | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | + 2 | — 3 | 0.2 | — 0.1 | 0.2 | 9 |
| Badin | 0 | — 2 | 0.0 | — 0.4 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | + 3 | + 1 | 0.2 | — 0.1 | 0.1 | 20 |
| Veraval | | | | | | 26 |
| HILL STATIONS | | | | | | — |
| Srinagar | | | | | | 71 |
| Gulmarg | | | | | | 26 |
| Sonamarg | | | | | | 3 |
| Dras | | | | | | 6 |
| Leh | | | | | | — |
| Skardu | | | | | | — |
| Misgar | | | | | | 5 |
| Aliabad | | | | | | 50 |
| Gilgit | | | | | | |
| Murree | | | | | | 10 |
| Drosh | + 5 | — 9 | — | — | — | 19 |
| Cherat | + 9 | | | | | — |
| Kakul | — | — | — | — | — | — |
| Landikotal | — | — | 0.0 | — | 0.1 | 20 |
| Parachinar | + 6 | + 3 | — | — | — | 18 |
| Miranshah | — | | | | | 11 |
| Wana | — | | | | | 13 |
| Fort Sandeman | + 3 | + 2 | 0.2 | — 0.8 | 0.2 | — |
| Hindubagh | — | — | 0.0 | — | 0.6 | 9 |
| Loralai | — | — | 0.1 | — | 0.0 | — |
| Barkhan | | | | | | 14 |
| Harnai | — | — | 0.0 | — 1.5 | 0.0 | 9 |
| Samungli (Quetta) | — | 8 | 1.5 | — 0.9 | 0.8 | 9 |
| Chaman | + 2 | + 6 | 6.3 | + 3.6 | 6.3 | — |
| Nushki | — | — | 1.5 | — | 1.4 | 4 |
| Dalbandin | — 4 | + 6 | — | — | — | 7 |
| Kalat | — 5 | + 3 | 0.8 | — 1.2 | 0.9 | — |
| Khuzdar | — | — | 1.0 | — | 0.7 | 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 RRR is given see the Summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 21st JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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** | | | | | | | | | | | | | | |
| Mohmdi ... | 99 6 36 | 10 6 09 | 20 0 03 | 10 3 13 | 99 0 11 | 15 4 24 | 11 2 00 | 23 2 03 | ... | | 03 3 18 | | 30 5 02 | ... |
| Chakdina ... | 99 2 12 | 10 6 96 | 20 0 63 | 03 4 13 | 98 0 50 | 18 7 21 | 00 9 00 | ... | 73 2 21 | | 0 / / 15 | 12 5 67 | 30 2 03 | 33 5 03 |
| Dwarka ... | 99 2 41 | 10 6 26 | 20 0 63 | 10 5 15 | 99 0 20 | 20 7 22 | 00 8 01 | 23 2 08 | ... | | 00 8 13 | ... | 30 4 01 | 05 4 03 |
| Dwarka ... | 99 2 42 | 10 6 40 | 20 1 23 | 53 5 06 | 99 0 20 | 17 6 21 | 00 0 02 | 23 6 20 | ... | | 00 0 12 | | 30 2 01 | 10 4 30 |
| Ghakdina ... | 99 2 22 | 10 6 07 | 20 1 23 | 03 4 13 | 98 0 20 | 15 8 21 | 00 0 00 | ... | 73 6 00 | | 0/ / 14 | 12 4 27 | 30 2 02 | 35 5 03 |

**UPPER AIR DATA**

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 009 160 28 | ... | 465 120 43 | 092 028 33 | 573 119 56 | 748 255 28 | 943 393 57 | 212 547 // | 391 687 // | ... | ... | ... | — |
| Dacca ... | 00 00 | 011 196 24 | ... | 400 064 23 | 064 026 56 | 570 145 58 | 735 249 58 | 918 989 60 | 197 541 // | ... | ... | ... | ... | — |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 011 150 59 | ... | 450 074 32 | 097 031 // | 550 221 // | 712 311 // | 912 385 // | | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 997 090 58 | ... | 450 164 65 | 105 060 60 | 577 121 // | 745 201 // | 953 311 // | 234 411 // | 426 461 // | 692 518 // | ... | ... | ... |
| Peshawar ... | 00 00 | 971 054 13 | ... | 400 070 18 | 025 003 23 | 506 161 5/ | 727 391 19 | 926 497 // | 785 637 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 820 018 61 | ... | /// /// // | 059 021 /* | 563 205 // | 728 275 // | 927 417 // | 191 555 // | 261 641 // | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 992 080 58 | — | 450 064 46 | 032 035 56 | 561 185 // | 725 275 // | 928 371 // | 182 461 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 150 30 | 800 090 46 | 770 000 23 | 600 061 25 | 573 081 16 | 542 061 57 | 351 313 56 | 140 727 // | ... | 280 255 73 | — | — |
| Dacca ... | 00 00 | 900 110 38 | 840 054 20 | 805 102 32 | 800 056 36 | 667 000 50 | 608 047 34 | 350 311 60 | ... | ... | | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | ... | — | ... | — | — | ... | | ... | ... |
| Multan ... | 00 00 | 900 190 71 | 440 000 40 | ... | ... | ... | ... | ... | ... | ... | 250 275 99 | ... | ... |
| Peshawar ... | 00 00 | | | | ... | ... | ... | ... | ... | ... | | ... | ... |
| Quetta ... | 00 00 | 800 028 // | 741 000 // | 608 097 // | 350 381 // | 143 655 // | ... | ... | ... | ... | 107 285 27 | ... | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |

**UPPER WIND DATA**

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 215 01 | 235 02 | 240 02 | 260 04 | ... | — | ... | — | ... |
| Bogra ... | 340 04 | 325 04 | 270 03 | 285 09 | 280 13 | 255 33 | ... | ... | ... |
| Chaklala ... | ... | 270 04 | 285 03 | 310 03 | 330 06 | 345 07 | 020 08 | 020 12 | 010 13 |
| Chhor ... | 305 06 | 305 08 | 300 08 | 335 09 | 305 24 | 335 26 | 330 51 | ... | ... |
| Chittagong ... | 335 02 | 345 06 | 350 08 | 280 09 | 290 10 | ... | — | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | — | — | ... |
| Cox's Bazar ... | 020 08 | 020 10 | 005 11 | 315 10 | 315 10 | 010 12 | ... | — | ... |
| Dacca ... | 305 01 | 325 02 | 305 02 | 295 01 | 300 05 | 285 13 | 275 21 | — | ... |
| Dalbandin ... | ... | ... | 115 02 | 235 02 | 325 10 | 340 09 | 360 12 | | ... |
| D. I. Khan ... | 125 08 | 120 09 | 125 08 | 280 09 | 290 12 | 300 12 | 355 23 | 355 21 | 345 23 |
| Drosh ... | — | ... | ... | 080 10 | 020 13 | 330 13 | 350 26 | 005 35 | 350 35 |
| Fort Sandeman ... | ... | ... | ... | 325 04 | 320 12 | 310 18 | 325 26 | 340 34 | 335 29 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Ishurdi ... | 115 05 | 115 04 | 105 06 | 255 08 | ... | ... | ... | ... | ... |
| Jacobabad ... | 345 08 | 235 09 | 245 10 | 280 10 | 330 07 | 010 07 | 235 09 | 310 13 | 305 23 |
| Jessore ... | 155 09 | 170 08 | 160 07 | 245 06 | ... | ... | | | ... |
| Jhelum ... | 120 04 | 110 11 | 350 06 | 310 10 | 335 12 | 350 17 | 315 10 | 310 08 | 340 07 |
| Jiwani ... | 340 07 | 335 08 | 320 08 | 350 04 | 340 12 | 325 13 | 315 29 | 335 31 | 295 41 |
| Karachi ... | 280 12 | 300 10 | 300 08 | 310 05 | 350 11 | 340 23 | 325 34 | 315 41 | 305 35 |
| Khanpur ... | 270 08 | 265 09 | 265 10 | 280 14 | 305 18 | 350 23 | 330 37 | 330 43 | ... |
| Khuzdar ... | ... | ... | ... | 320 06 | 335 10 | 335 02 | 315 40 | ... | ... |
| Lahore ... | 095 04 | 015 04 | 020 06 | ... | ... | ... | ... | ... | ... |
| Multan ... | 220 05 | 245 04 | 245 04 | 005 10 | 345 21 | 335 25 | 345 29 | 335 34 | 345 43 |
| Nawab Shah ... | 295 04 | 305 03 | 340 06 | 005 13 | 340 17 | 345 33 | 310 51 | ... | ... |
| Nokkundi ... | — | ... | 140 04 | 180 05 | 310 06 | 315 09 | 310 18 | 295 20 | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | — | 100 01 | 295 08 | 305 15 | 320 11 | 005 15 | 325 30 | 325 25 | 320 27 |
| Parachinar ... | — | ... | — | 285 11 | 050 03 | 330 27 | 340 23 | 330 44 | 340 27 |
| Quetta ... | ... | ... | ... | ... | 315 10 | 320 16 | 325 26 | 325 43 | — |
| Sargodha ... | 095 05 | 080 03 | 295 04 | 345 14 | 355 23 | 345 15 | 345 17 | 345 15 | 345 12 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 070 02 | 075 02 | 115 09 | 185 02 | 150 02 | 015 03 | — | — | ... |
| Veraval ... | ... | — | ... | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 270 08 | 230 05 | 225 13 | 260 13 | ... | ... |
| Bogra ... | No | Ascent | — | ... | ... | ... |
| Chaklala ... | | 185 10 | 035 12 | 110 15 | 345 11 | 325 10 |
| Chhor ... | 230 10 | 235 14 | 250 15 | 030 03 | 035 07 | 305 09 |
| Chittagong ... | ... | — | — | ... | ... | — |
| Cherat ... | — | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 160 04 | 165 05 | 130 04 | 335 01 | 275 02 | 025 02 |
| Dacca ... | 345 08 | 235 08 | 235 11 | 235 17 | 325 28 | 235 35 |
| Dalbandin ... | ... | ... | 055 04 | 070 04 | 330 06 | 320 11 |
| D. I. Khan ... | 145 06 | 160 09 | 175 10 | 235 08 | ... | ... |
| Drosh ... | ... | — | ... | 100 01 | 035 07 | 035 10 |
| Fort Sandeman ... | ... | ... | ... | 210 07 | 250 09 | 345 19 |
| Gilgit ... | ... | ... | — | 290 03 | ... | ... |
| Ishurdi ... | No | Ascent | ... | ... | ... | ... |
| Jacobabad ... | 255 07 | 245 07 | 285 06 | 285 05 | 320 05 | 325 07 |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 285 05 | 290 04 | 295 04 | 305 04 | 290 06 | 275 09 |
| Jiwani ... | 320 14 | 310 17 | 325 13 | 340 05 | 005 07 | 300 12 |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 200 09 | 210 09 | 215 11 | 250 13 | 275 18 | 280 12 |
| Khuzdar ... | ... | ... | ... | 335 06 | 055 02 | 315 04 |
| Lahore ... | 010 04 | 350 05 | 350 06 | ... | ... | ... |
| Multan ... | 145 08 | 170 13 | 170 14 | 200 07 | 065 10 | 290 10 |
| Nawab Shah ... | 270 06 | 260 04 | 215 07 | 200 09 | 225 09 | 290 11 |
| Nokkundi ... | ... | ... | 265 01 | 345 03 | 325 06 | 290 04 |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 330 04 | 350 04 | 330 06 | 310 13 | ... |
| Parachinar ... | ... | ... | ... | 340 07 | 305 21 | 305 17 |
| Quetta ... | — | ... | ... | ... | 300 05 | ... |
| Sargodha ... | — | 330 04 | — | ... | ... | 320 09 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | No | Ascent | ... | ... | ... | ... |
| Veraval ... | — | ... | ... | ... | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 0.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 050 14 | 235 10 | 240 15 | 260 15 | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | 080 03 | 070 18 | ... | | | | | | | ... | ... |
| Chaklala ... | ... | 245 03 | 300 04 | 275 06 | 315 06 | 305 10 | 300 12 | 295 13 | 300 14 | ... | ... |
| Chhor ... | 205 07 | 195 07 | 190 05 | 190 06 | 255 12 | 275 19 | 290 31 | 310 38 | 305 55 | 310 43 | ... |
| Chittagong ... | 265 10 | 260 09 | 245 10 | 350 14 | 240 22 | 230 39 | ... | ... | ... | ... | ... |
| Cherat ... | | | | | | | — | ... | ... | ... | ... |
| Cox's Bazar ... | 235 13 | 335 08 | 310 06 | 270 08 | 255 14 | 240 20 | ... | ... | ... | ... | ... |
| Dacca ... | 055 10 | 005 05 | 315 08 | 290 27 | 270 24 | ... | | | | | |
| Dalbandin ... | ... | ... | 075 07 | 020 08 | 350 09 | 310 15 | 270 15 | 285 32 | 285 37 | 280 49 | 280 75 |
| D. I. Khan ... | 105 03 | 125 04 | 125 05 | 165 04 | 170 05 | 205 11 | 270 10 | 285 13 | 295 15 | 275 27 | 275 35 |
| Drosh ... | ... | ... | — | 155 05 | 255 35 | 340 05 | 265 09 | 080 19 | ... | ... | ... |
| Fort Sandeman ... | ... | ... | — | 155 09 | 225 05 | 340 05 | 265 09 | 080 19 | ... | ... | ... |
| Gilgit ... | | | | ... | — | ... | — | — | ... | ... | ... |
| Ishurdi ... | 300 11 | 340 11 | 260 17 | 265 21 | ... | | | | ... | ... | ... |
| Jacobabad ... | 070 01 | 200 03 | 200 03 | 135 01 | 255 09 | 290 16 | 280 28 | 285 38 | ... | ... | ... |
| Jessore ... | 170 06 | 220 11 | 235 21 | 255 30 | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 320 02 | 325 06 | 335 05 | 325 10 | 305 13 | 320 12 | 330 13 | 300 29 | 295 33 | ... | ... |
| Jiwani ... | 335 07 | 320 07 | 300 07 | 325 07 | 320 15 | 265 18 | 275 26 | 265 39 | 270 45 | 265 50 | ... |
| Karachi ... | 240 04 | 245 07 | 290 08 | 250 12 | 255 14 | 255 15 | 265 25 | 280 23 | 280 43 | ... | — |
| Khanpur ... | 280 10 | 260 13 | 255 21 | 245 23 | 240 20 | 175 09 | 280 35 | ... | ... | ... | ... |
| Khuzdar ... | ... | | | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 015 03 | 040 05 | 045 05 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 105 05 | 155 08 | 180 10 | 180 13 | 240 15 | 260 19 | 285 29 | 280 43 | 285 60 | 275 60 | ... |
| Nokkundi ... | ... | — | 110 07 | 115 04 | 020 01 | 335 09 | 265 16 | 275 36 | 270 34 | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 345 18 | 335 27 | 295 04 | 280 12 | 290 17 | 270 18 | ... | ... | ... | ... |
| Parachinar ... | ... | ... | — | /// -/ | 125 03 | /// // | 265 12 | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 305 05 | 315 11 | 290 29 | ... | ... | ... | ... |
| Sargodha ... | 100 03 | 115 06 | 150 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 | 4.5 | ·,4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | — | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 270 10 | 280 14 | 275 10 | 265 10 | 270 11 | 275 14 | 290 27 | 275 40 | 280 59 | 280 62 | 280 87 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 135 12 | 145 11 | 185 09 | 185 05 | 310 03 | 320 10 | 335 19 | 310 25 | 300 31 | 305 41 | 295 61 | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

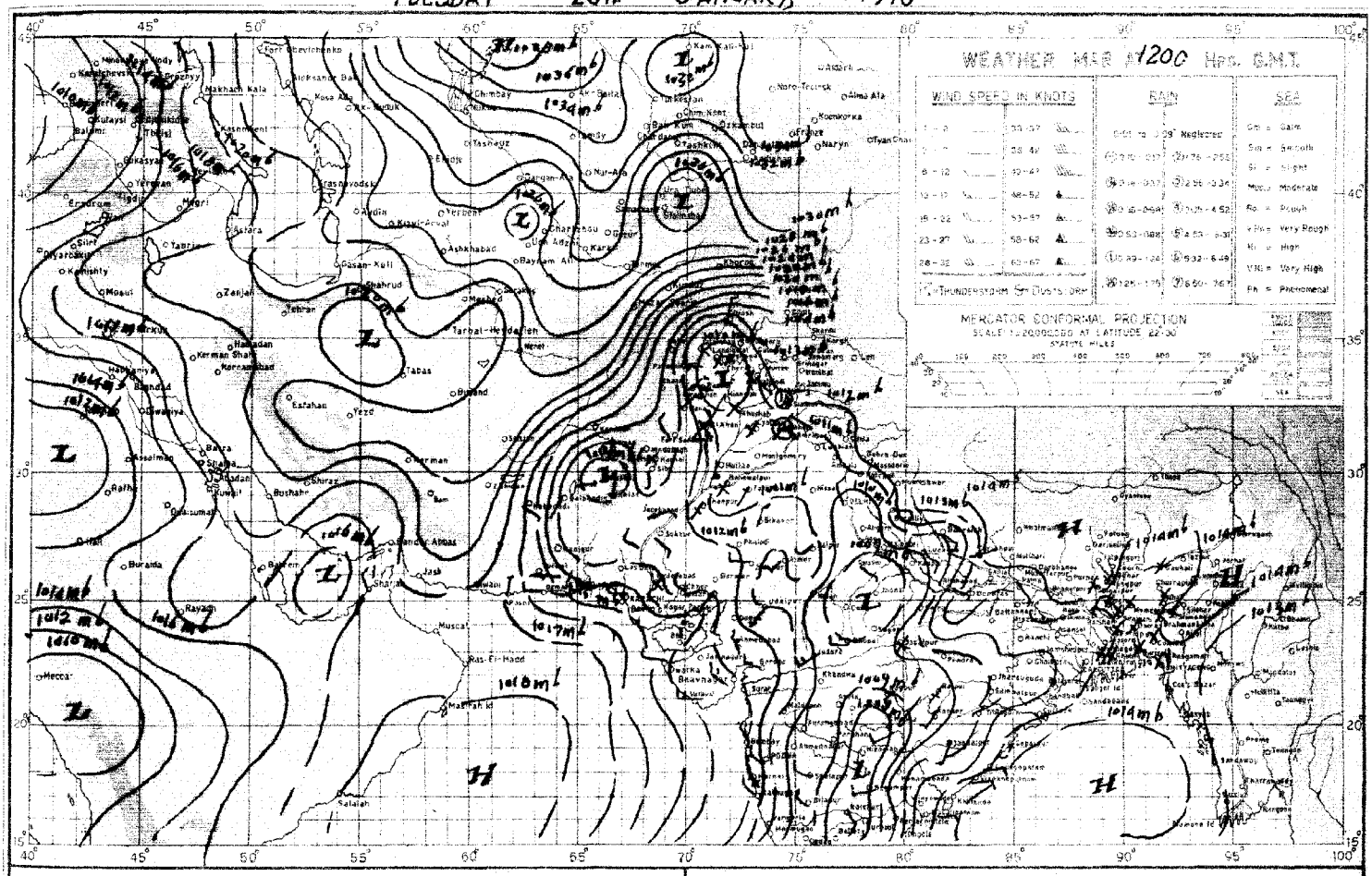
† The actual time of observations may vary within half an hour of the specified time.

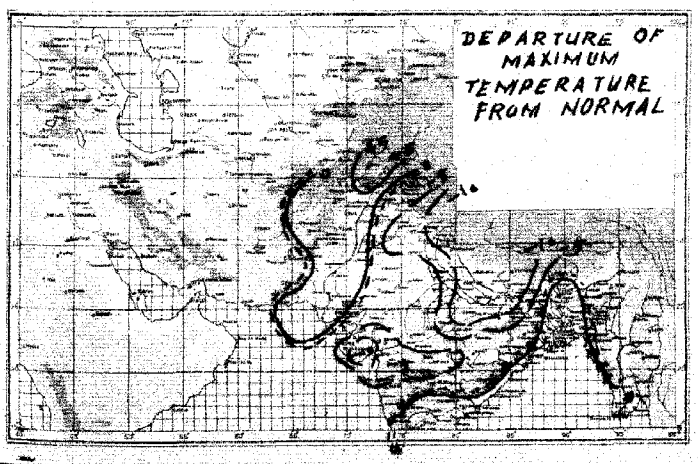
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

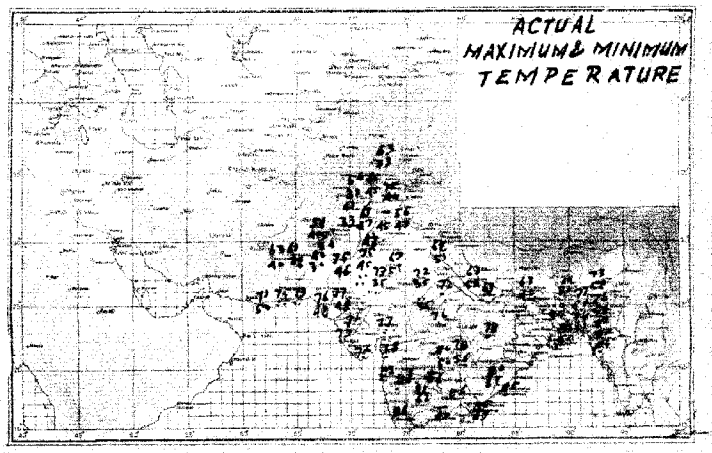
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Centre Air Port, KARACHI—II

# PAKISTAN DAILY WEATHER MAP

TUESDAY 20th JANUARY, 1970

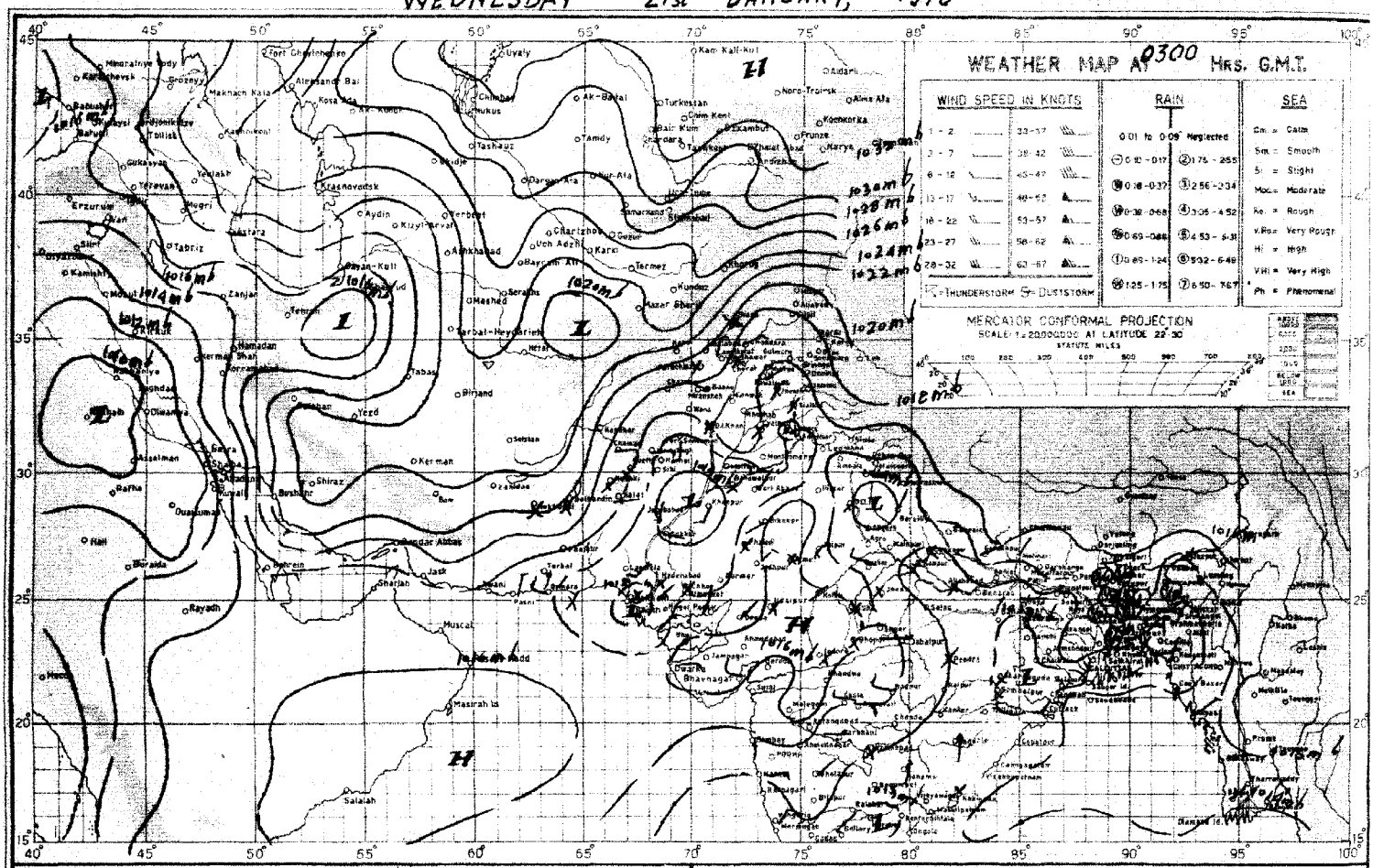


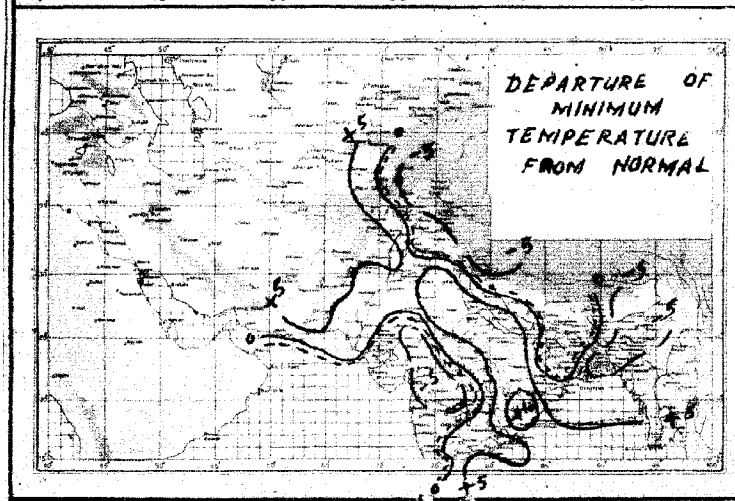



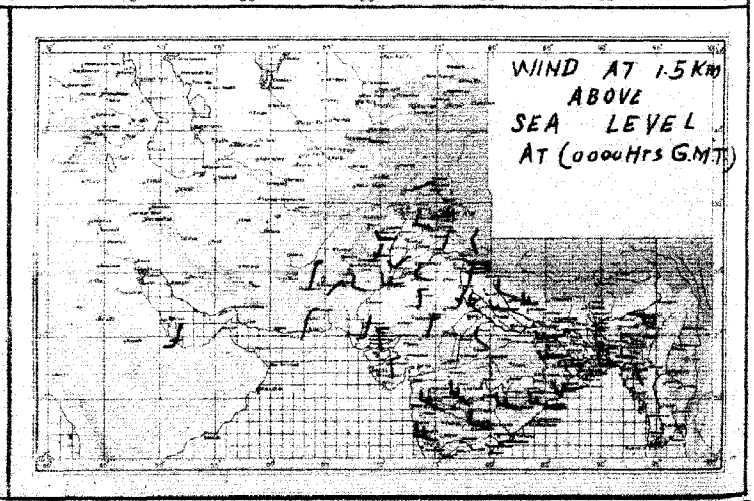



# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**THURSDAY THE 22nd JANUARY 1970.**

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

Yesterday's feeble western disturbance over Quetta division and adjoining areas now lies as a trough of low pressure over Multan and Lahore divisions.
The western disturbance over Bihar and adjoining areas is moving across west Bengal and adjoining head Bay of Bengal.
Rain/thundershowers have been local in Chittagong and Dacca divisions and scattered in Rajshahi division.
Weather remained dry elsewhere in the country.
Chief amounts of rainfall are : Brahmanbaria, Sylhet Sirmangal and Dacca ½" each, Narayanganj and Ranpur ¼" each.
Night temperatures were 3—4 °F (2 °C) below normal in Sargodha division, 7—9 °F (2—5 °C) above normal in Rajshahi division and 3—6 °F (2—3 °C) so elsewhere in East Pakistan and in Bahawalpur, Quetta, Karachi Hyderabad and Khairpur divisions.
**Forecast valid until the evening of 23rd January 1970** :—Rain/thundershowers will be fairly widespread in Chittagong division and scattered elsewhere in East Pakistan. Weather will remain mainly dry in West Pakistan.

Karachi-11
The 22nd January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced as † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amounts of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 7 | 36 | 02 | // | 02 | 4 | 132 | 67 | 5 | 7 | 6 | / | / | 58 | 70 | C00 | 4 | 6 | 31 | 02 | 97 | 44 | 4 | 136 | 64 | 9 | 7 | 5 | 7 | 0 | 60 | 61 | — | — | 1.3 | — | 0.0 | — |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | C00 | 0 | 8 | 09 | 05 | 86 | 03 | 0 | 138 | 70 | 7 | 5 | 4 | 7 | 0 | 61 | 66 | — | — | — | — | — | 140 |
| | Chittagong | 005 | 2 | 7 | 36 | 02 | // | 02 | 6 | 120 | 68 | 7 | 0 | 9 | 3 | 0 | 59 | 76 | 000 | 0 | 8 | 05 | 02 | 96 | 02 | 1 | 142 | 62 | 8 | 0 | 9 | 2 | 1 | // | 60 | — 3 | + 5 | 1.3 | — 1.6 | 0.0 | 108 |
| | Maijdee Court | 005 | 9 | 1 | 00 | 00 | // | 03 | 2 | 108 | 63 | 1 | 1 | 9 | 1 | / | 57 | 78 | 005 | 9 | 0 | 00 | 00 | 97 | 00 | 0 | 150 | 68 | 0 | 0 | 9 | ( | 0 | 59 | 56 | 0 | — 2 | 0.4 | — 1.5 | 0.1 | 115 |
| | Comilla | 000 | 8 | 8 | 36 | 05 | 96 | 03 | 2 | 124 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | 67 | 000 | 0 | 0 | 00 | C0 | 96 | 02 | 0 | 147 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — 12 | + 6 | 0.5 | — 1.3 | 0.0 | 94 |
| | Brahmanbaria | 001 | 9 | 7 | 13 | 05 | 93 | 02 | 6 | 113 | 64 | 4 | 8 | 4 | 2 | 0 | 63 | 72 | 046 | 0 | 2 | 60 | 00 | 97 | 03 | 1 | 152 | 64 | 2 | 0 | 9 | 4 | 0 | 62 | 55 | — | — | 1.7 | + 0.3 | 0.5 | 78 |
| | Sylhet | 038 | 8 | 8 | 05 | 07 | // | 02 | 6 | 119 | 59 | 5 | 5 | 4 | 2 | / | 56 | 60 | 038 | 9 | 4 | 05 | 05 | 97 | 00 | 2 | 151 | 62 | 3 | 4 | 4 | 4 | 0 | 58 | // | — | — | 2.9 | — | 1.3 | — |
| | Srimangal | 056 | 9 | 7 | 00 | 00 | // | 02 | 6 | 128 | 58 | 5 | 9 | 4 | 7 | 2 | 59 | 64 | 058 | 9 | 6 | C0 | 00 | 56 | C0 | 9 | 154 | 58 | 0 | 0 | 9 | 0 | 0 | 58 | 55 | — 17 | + 1 | 2.2 | + 0.3 | 0.7 | 58 |
| Dacca | Mymensingh | 000 | 0 | 7 | 13 | 02 | // | 02 | 2 | 121 | 64 | 7 | 5 | 5 | 0 | 0 | 54 | 64 | C00 | 2 | 7 | 00 | 00 | 97 | 02 | 4 | 164 | 62 | 7 | 5 | 5 | 0 | 0 | 56 | 58 | — 12 | + 5 | 1.1 | + 0.1 | 0.9 | 91 |
| | Narayanganj | 030 | 9 | 8 | 00 | 00 | // | 03 | 6 | 112 | 67 | 8 | 6 | 3 | / | / | 60 | 68 | 030 | 0 | 8 | 00 | 00 | 95 | 02 | 4 | 148 | 62 | 8 | 6 | 3 | 1 | 1 | 58 | 59 | — 10 | + 4 | 1.7 | + 0.5 | 0.3 | 74 |
| | Dacca (Tezgaon) | 049 | 9 | 5 | 09 | 05 | 96 | 01 | 2 | 131 | 64 | 2 | 5 | 4 | 3 | 0 | 63 | 68 | 049 | 9 | 4 | 05 | 05 | 93 | 44 | 4 | 149 | 60 | 6 | 4 | 6 | 0 | 0 | 60 | 68 | — | — | 1.9 | — | 0.6 | — |
| | Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0C0 | 0 | 8 | 03 | 00 | 93 | 43 | 0 | 150 | 62 | 0 | 0 | 9 | 0 | 0 | 60 | 54 | — | + 1 | 2.3 | + 0.9 | 0.7 | 71 |
| Khulna | Barisal | 000 | 6 | 8 | 00 | 00 | 90 | 05 | 2 | 125 | 73 | 8 | 4 | 4 | / | / | 70 | 77 | 0C0 | 0 | 6 | 13 | 13 | 96 | 03 | 2 | 148 | 65 | 6 | 4 | 5 | 0 | 0 | 64 | 64 | — 1 | — 1 | 0.9 | — 0.9 | 0.0 | 81 |
| | Khulna | 000 | 0 | 4 | 05 | 05 | 97 | 02 | 0 | 062 | 70 | 2 | 2 | 5 | 0 | 0 | 67 | 72 | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 146 | 65 | 0 | 3 | 5 | 0 | 0 | 62 | // | — 7 | — 1 | 1.3 | — 0.1 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 8 | 20 | 02 | 93 | 02 | 2 | 126 | 68 | 7 | 5 | 5 | 1 | 0 | 65 | 67 | 000 | 0 | 6 | 36 | 01 | 97 | 00 | 0 | 146 | 64 | 5 | 4 | 7 | 1 | 0 | 62 | 59 | — 8 | + 6 | 0.2 | — 1.7 | 0.0 | 68 |
| | Jessore | 004 | 6 | 7 | 15 | 05 | 96 | 02 | 5 | 107 | 78 | 3 | 3 | 5 | 4 | 3 | 64 | 72 | C00 | 0 | 9 | 00 | 00 | 94 | 44 | 2 | 147 | 60 | 5 | 7 | 2 | 0 | 0 | 68 | 57 | — | — | 1.9 | + 0.7 | 0.8 | 65 |
| Rajshahi | Pabna | 000 | 0 | 1 | 13 | 02 | // | 03 | 1 | 100 | 68 | 1 | 2 | 7 | 0 | 0 | 63 | 76 | 000 | 0 | 9 | 05 | 02 | 96 | 43 | 4 | 155 | 65 | / | / | / | / | / | 62 | 62 | — | — | 1.1 | — | 1.3 | 59 |
| | Siraiganj | 000 | 0 | 6 | 18 | 02 | // | 02 | 2 | 102 | 68 | 6 | 0 | 7 | 6 | 0 | 63 | 70 | 012 | 0 | 8 | 18 | 08 | 97 | 02 | 2 | 150 | 62 | 8 | 0 | 7 | 1 | 0 | 60 | 59 | — 6 | + 7 | 1.9 | + 0.9 | 1.5 | 64 |
| | Rajshahi | 001 | 9 | 4 | 31 | 02 | 95 | 02 | 6 | 114 | 70 | 4 | 5 | 5 | 0 | 0 | 64 | 76 | 001 | 9 | 3 | 00 | 00 | 96 | 28 | 4 | 155 | 62 | 0 | 0 | 9 | 3 | 0 | 62 | 58 | 0 | + 6 | 3.7 | + 2.7 | 0.7 | — |
| | Bogra | 000 | 0 | 2 | 00 | 00 | // | 01 | 0 | 107 | 64 | 2 | 2 | 5 | 0 | 0 | 63 | 70 | 000 | 0 | 0 | 00 | 00 | 93 | 43 | 4 | 146 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — 6 | + 7 | 1.7 | + 0.7 | 0.5 | 69 |
| | Dinajpur | 000 | 9 | 5 | 00 | 00 | // | 01 | 1 | 105 | 64 | 5 | 0 | 9 | 2 | / | 62 | 68 | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 4 | 151 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — 8 | + 9 | 1.6 | + 0.9 | 0.8 | 72 |
| | Rangpur | 016 | 7 | 7 | 00 | 00 | 96 | 21 | 8 | 106 | 56 | 7 | 0 | 9 | 2 | 0 | 54 | 70 | 028 | 0 | 0 | 05 | 02 | 93 | 42 | 6 | 149 | 61 | 6 | 0 | 9 | 2 | 0 | 59 | 52 | — 5 | — | — | — | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 95 | 05 | 2 | 143 | 63 | 1 | 5 | 8 | 2 | 0 | 56 | 64 | 000 | 0 | 3 | 00 | 00 | 90 | 11 | 4 | 172 | 43 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | — 4 | + 2 | 0.4 | — 0.8 | 0.4 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 170 | 56 | 0 | 0 | 9 | 0 | 0 | 43 | 63 | 000 | 0 | 0 | 02 | 05 | // | 00 | 0 | 180 | 49 | 0 | 0 | 9 | 0 | 0 | 23 | // | — 3 | — | 0.4 | — 1.6 | 0.4 | 32 |
| Rawalpindi | Jhelum | 000 | 6 | 4 | 00 | 00 | 97 | 01 | 4 | 130 | 67 | 1 | 0 | 9 | 3 | 2 | 50 | 70 | 000 | 0 | 2 | 00 | 00 | 92 | 02 | 4 | 176 | 41 | 9 | 1 | 0 | 1 | 1 | 40 | 40 | — | — | 1.0 | — | 0.0 | — |
| | Islamabad | 000 | 0 | 6 | 23 | 02 | 96 | 02 | 0 | /// | 60 | 2 | 4 | 5 | 6 | 0 | 38 | 60 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Rawalpindi | 000 | 0 | 6 | 33 | 02 | 98 | 03 | 2 | 137 | 60 | 0 | 0 | 9 | 0 | 8 | 43 | 72 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 178 | 38 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | + 10 | — 1 | 0.3 | — 2.5 | 0.2 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 134 | 68 | 6 | 0 | 9 | 4 | 0 | 60 | 70 | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 2 | 171 | 43 | 0 | 0 | 9 | 0 | 0 | 35 | 38 | + 3 | — 4 | 0.0 | — 0.9 | 0.0 | 15 |
| | Sargodha | 000 | 9 | 7 | 13 | 03 | 97 | 03 | 4 | 134 | 64 | 5 | 0 | 9 | 3 | 2 | 51 | 67 | 000 | 0 | 9 | 00 | 00 | 91 | 45 | 4 | 175 | 41 | 9 | 1 | 0 | 1 | 1 | 41 | 41 | — | — | 0.1 | — | 0.0 | — |
| | Lyallpur | 000 | 0 | 4 | 29 | 02 | 95 | 02 | 0 | 130 | 64 | 4 | 3 | 8 | 0 | 0 | 47 | 70 | 000 | 0 | 0 | 00 | 08 | 93 | 44 | 4 | 169 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | + 3 | 0 | 0.0 | — 0.6 | 0.0 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 126 | 68 | 0 | 1 | 9 | 3 | 0 | 49 | 70 | 000 | 0 | 0 | 00 | 00 | 96 | 45 | 4 | 148 | 43 | 9 | 1 | 0 | / | 1 | 43 | 41 | + 2 | — 1 | 0.0 | — 0.3 | 0.0 | 9 |
| | Leiah | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 131 | 77 | 0 | 0 | 9 | 0 | 0 | 36 | 77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 122 | 73 | 0 | 0 | 9 | 0 | 1 | 38 | 76 | 000 | 0 | 2 | 00 | 00 | 94 | 10 | 0 | 156 | 47 | 0 | 0 | 9 | 0 | 0 | 45 | 41 | + 3 | — 1 | 0.3 | + 0.1 | 0.0 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 112 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 76 | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 163 | 51 | 0 | 0 | 9 | 0 | 0 | 47 | 45 | + 5 | + 3 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas | /// | / | 0 | 23 | 02 | 98 | 00 | 0 | 131 | 76 | 0 | 0 | 9 | 0 | 0 | 45 | 76 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 174 | 56 | 0 | 0 | 9 | 0 | 0 | 32 | // | — | — | | | — | 8 |
| Malakand | Chakdra | 000 | 0 | 3 | 23 | 02 | 98 | 03 | 1 | 106 | 58 | 0 | 0 | 9 | 0 | 8 | 43 | 58 | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 179 | 35 | 0 | 0 | 9 | 0 | 0 | 33 | 33 | — | — | 0.8 | — | 0.3 | — |
| Peshawar | Peshawar | 000 | 0 | 3 | 36 | 05 | 96 | 04 | 2 | /// | 63 | 0 | 0 | 9 | 0 | 1 | 45 | 67 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 177 | 41 | 0 | 0 | 9 | 0 | 0 | 33 | 40 | + 4 | — 1 | 0.7 | — 1.1 | 0.2 | 11 |
| | Haripur | 000 | 2 | 4 | 23 | 02 | 98 | 01 | 1 | 128 | 60 | 0 | 0 | 9 | 7 | 0 | 38 | 63 | 000 | 0 | 0 | 05 | 03 | 97 | 00 | 0 | 174 | 43 | 0 | 0 | 9 | 0 | 0 | 35 | 40 | — | — | 1.1 | — | 0.2 | — |
| D. I. Khan | Bannu | 000 | 0 | 5 | 07 | 01 | 98 | 02 | 1 | 142 | 60 | 0 | 0 | 9 | 0 | 0 | 42 | 64 | 000 | 0 | 0 | 03 | 02 | 99 | 00 | 0 | 123 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 41 | — | — | 0.5 | — | 0.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 137 | 67 | 0 | 0 | 9 | 0 | 0 | 47 | 67 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 173 | 45 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | — 1 | + 2 | 0.1 | — 0.5 | 0.1 | 9 |
| Quetta | Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 0 | 117 | 70 | 0 | 2 | 9 | 2 | 0 | 56 | 78 | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 1 | 165 | 46 | 0 | 2 | 9 | 2 | 0 | 46 | 44 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 4 | 13 | 03 | 97 | 03 | 0 | 143 | 63 | 4 | 6 | 6 | 0 | 0 | 48 | 67 | 000 | 0 | 4 | 36 | 02 | 97 | 02 | 0 | 173 | 48 | 0 | 0 | 9 | 0 | 1 | 47 | 44 | — | — | 1.4 | — | 1.4 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 997 | 73 | 0 | 0 | 9 | 0 | 0 | 41 | 76 | 000 | 0 | 0 | 05 | 02 | 96 | 00 | 0 | /// | 54 | 0 | 0 | 9 | 0 | 1 | 48 | 53 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 2 | 27 | 02 | 96 | 02 | 0 | 136 | 71 | 0 | 0 | 9 | 0 | 1 | 51 | 73 | 000 | 0 | 2 | 36 | 02 | 96 | 01 | 0 | 142 | 62 | 0 | 0 | 9 | 0 | 1 | 51 | 57 | — | — | 7.6 | — | 6.6 | 8 |
| | Pasni | 000 | 0 | 5 | 25 | 14 | 97 | 02 | 0 | 131 | 76 | 4 | 3 | 9 | 0 | 0 | 43 | 77 | 000 | 0 | 3 | 29 | 09 | 97 | 02 | 0 | 151 | 56 | 3 | 0 | 9 | 0 | 0 | 48 | — | + 3 | — | 2.5 | + 0.7 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 05 | 96 | 02 | 2 | 131 | 72 | 0 | 0 | 9 | 0 | 0 | 52 | 77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | | | | 6 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 137 | 79 | 0 | 0 | 9 | 0 | 0 | 35 | 81 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 154 | 47 | 0 | 0 | 8 | 0 | 0 | 40 | 46 | — | — | — | — | — | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 128 | 67 | 0 | 0 | 9 | 0 | 0 | 57 | 79 | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 144 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 61 | + 4 | + 3 | 0.3 | — 0.2 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 3 | 23 | 02 | 96 | 02 | 1 | 126 | 75 | 0 | 0 | 9 | 0 | 1 | 32 | 79 | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 1 | 147 | 55 | 0 | 0 | 9 | 0 | 0 | 48 | 49 | — | — | 0.1 | — | 0.1 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 1 | 141 | 81 | 0 | 0 | 9 | 0 | 0 | 81 | 81 | 000 | 0 | 0 | 05 | 02 | // | 02 | 0 | 174 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 61 | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 2 | 23 | 03 | 96 | 01 | 0 | 123 | 78 | 0 | 0 | 9 | 0 | 6 | // | 80 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 2 | 154 | 53 | 0 | 0 | 9 | 0 | 0 | 47 | 43 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 2 | 20 | 05 | 97 | 02 | 0 | 128 | 76 | 0 | 0 | 9 | 0 | 1 | 49 | 82 | 000 | 0 | 0 | 00 | 00 | 96 | 10 | 0 | 159 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | + 6 | — 1 | 0.1 | — 0.1 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 20 | 04 | 97 | 02 | 0 | 131 | 74 | 0 | 0 | 9 | 0 | 0 | 48 | 81 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 146 | 55 | 0 | 0 | 9 | 0 | 0 | // | 53 | + 3 | — 3 | 0.0 | — 0.4 | 0.0 | — |
| Khairpur | Padidan | 000 | 0 | 2 | 18 | 03 | 97 | 02 | 0 | 116 | 75 | 0 | 0 | 8 | 8 | 1 | 40 | 79 | 000 | 0 | 1 | 31 | 03 | 96 | 02 | 0 | 149 | 46 | 0 | 0 | 9 | 0 | 1 | 39 | 43 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 4 | 13 | 03 | 96 | 02 | 1 | 122 | 79 | 0 | 0 | 9 | 0 | 2 | 42 | 82 | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 1 | 156 | 48 | 0 | 0 | 9 | 0 | 2 | 46 | 44 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 93 | 05 | 4 | 135 | 80 | 0 | 0 | 9 | 0 | 0 | 68 | 85 | 000 | 0 | 0 | 05 | 05 | 95 | 05 | 4 | 150 | 54 | 0 | 0 | 9 | 0 | 0 | 46 | 48 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 1 | 121 | 76 | 0 | 0 | 9 | 0 | 1 | 44 | 77 | 000 | 0 | 3 | 09 | 02 | 96 | 01 | 0 | 150 | 51 | 0 | 0 | 9 | 0 | 1 | 44 | 48 | + 6 | + 3 | 0.1 | — 0.1 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Peshawar | Cherat * | 000 | 0 | 8 | 20 | 03 | 98 | 02 | 0 | 485 | 51 | 0 | 0 | 9 | 0 | 0 | 38 | 56 | 000 | 0 | 2 | 10 | 03 | 97 | 00 | 0 | 478 | 43 | 0 | 0 | 9 | 0 | 0 | 24 | 40 | + 7 | + 2 | 0.6 | — | 0.0 | — |
| | Kakul * | 000 | 0 | 7 | 31 | 03 | 97 | 03 | 1 | 484 | 51 | 0 | 0 | 9 | 3 | 2 | 34 | 58 | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 490 | 41 | 0 | 0 | 9 | 0 | 1 | 22 | 40 | — | — | 1.5 | — | 0.4 | — |
| | Landikotal * | 000 | 0 | 4 | 05 | 05 | 98 | 01 | 4 | 626 | 56 | 4 | 3 | 9 | 0 | 0 | 41 | 56 | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 4 | 604 | 35 | 4 | 3 | 9 | 0 | 0 | 29 | 29 | — | — | 0.8 | — | 0.1 | 29 |
| | Parachinar * | 000 | 0 | 0 | 13 | 03 | 98 | 02 | 1 | 480 | 47 | 0 | 0 | 9 | 0 | 0 | 25 | 54 | 000 | 0 | 0 | 07 | 02 | 98 | 02 | 0 | 500 | 32 | 0 | 0 | 9 | 0 | 0 | 23 | 30 | + 4 | + 1 | 0.9 | — | 0.3 | 19 |
| D.I. Khan | Miranshah * | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 562 | 59 | 0 | 0 | 9 | 0 | 0 | 35 | 49 | — | — | 0.0 | — 1.3 | 0.0 | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 489 | 56 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 500 | 48 | 0 | 0 | 9 | 0 | 0 | 56 | 52 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 31 | 03 | 98 | 02 | 1 | 481 | 58 | 0 | 0 | 9 | 0 | 0 | // | 59 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 411 | 32 | 0 | 0 | 9 | 0 | 0 | 19 | 30 | + 3 | — | 0.2 | — 0.8 | 0.2 | — |
| | Hindubagh * | 000 | 0 | 0 | 09 | 13 | 97 | 02 | 0 | /// | 32 | 0 | 7 | 3 | 0 | 0 | 37 | 34 | 000 | 0 | 0 | 23 | 01 | 97 | 02 | 0 | /// | 20 | 0 | 0 | 9 | 0 | 0 | 15 | 11 | — | — | 0.7 | — | 0.5 | 9 |
| | Loralai * | 000 | 0 | 0 | 18 | 08 | 90 | 00 | 0 | 528 | 49 | 0 | 0 | 9 | 0 | 0 | 49 | 50 | 000 | 0 | 6 | 27 | 02 | 98 | 01 | 0 | 540 | 35 | 0 | 1 | 9 | 0 | 6 | 44 | 35 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 471 | 65 | 0 | 0 | 9 | 0 | 0 | 33 | 70 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 472 | 45 | 0 | 0 | 9 | 0 | 0 | 27 | 42 | — | — | 0.0 | — 1.3 | 0.0 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 1 | 31 | 02 | 97 | 02 | 1 | 495 | 52 | 0 | 0 | 9 | 0 | 1 | 30 | 53 | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 530 | 33 | 5 | 0 | 9 | 3 | 1 | 22 | 27 | + 4 | — 4 | 1.4 | — 0.9 | 0.8 | 9 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 493 | 35 | 0 | 0 | 9 | 0 | 0 | 32 | 55 | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 514 | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 37 | + 2 | + 3 | 6.3 | + 3.5 | 6.3 | — |
| | Nushki * | 000 | 0 | 2 | 31 | 03 | 97 | 02 | 0 | 547 | 58 | 0 | 0 | 9 | 0 | 2 | 39 | 55 | 000 | 0 | 2 | 07 | 03 | 97 | 02 | 0 | 536 | 48 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | — | — | 1.5 | — | 1.3 | 4 |
| | Dalbandin * | 000 | 0 | 4 | 05 | 04 | 98 | 03 | 0 | 505 | 60 | 0 | 0 | 9 | 3 | 0 | 37 | 61 | 000 | 0 | 0 | 05 | 02 | 98 | 03 | 1 | 484 | 40 | 1 | 0 | 9 | 3 | 1 | 35 | 39 | — 1 | + 6 | 1.3 | 0 | 1.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 8 | 31 | 02 | 99 | 00 | 2 | 492 | 56 | 0 | 0 | 9 | 0 | 8 | 27 | // | 000 | 0 | 0 | 36 | 02 | 58 | 00 | 2 | 408 | 33 | 8 | 0 | 9 | 0 | 0 | 22 | 26 | — | — 1 | 0.8 | — 1.3 | 0.9 | — |
| | Khuzdar * | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 473 | 62 | 0 | 0 | 9 | 0 | 1 | 18 | 64 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When over 999 is given 888 see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 22nd JANUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99L$_a$L$_o$L$_o$ | Q$_c$L$_o$L$_o$L$_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | N$_h$C$_L$hC$_M$C$_H$ | D$_s$V$_s$a PP | 7RR tsts | 8N$_s$Ch$_s$ h$_s$ | OT$_s$T$_s$T$_s$T$_s$ | 1T$_w$T$_w$T$_w$T$_w$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 | | | | | | | | | | | | | | |
| Texaco Saigon | 99 1 75 | 78 6 69 | 21 1 23 | 20 5 05 | 98 0 20 | 13 0 24 | 21 4 00 | 23 6 08 | | | 05 3 38 | | 30 2 61 | |
| Dawarka | 99 2 38 | 10 6 72 | 21 1 83 | 23 0 07 | 99 0 20 | 14 9 31 | 20 8 90 | 43 2 21 | | | 09 4 56 | | 30 5 01 | 81 4 02 |
| Barodrecht | 99 2 14 | 10 6 12 | 21 1 83 | 00 0 00 | 98 0 11 | 15 1 22 | 00 9 00 | | | | | 12 3 60 | 30 8 60 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo | 1000 mb hhh TTTs DD | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 809 160 29 | ... | 440 074 45 | 044 011 20 | 069 195 // | 734 263 // | 932 409 // | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 011 184 39 | ... | 430 088 59 | 060 020 59 | 751 125 63 | 737 259 63 | 940 311 61 | 214 493 // | 394 617 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 011 144 56 | ... | 400 050 34 | 020 035 | 560 188 // | 723 295 // | 937 245 // | 284 535 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 001 068 | ... | 450 084 58 | 062 060 50 | 566 221 // | 725 361 // | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | |
| Quetta | 00 00 | 820 030 48 | ... | ... | 040 059 // | 564 171 // | 727 317 // | 023 455 // | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 991 044 57 | ... | 500 070 57 | 020 040 30 | 560 181 // | 724 271 // | 034 375 // | 081 471 // | 497 531 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ts DD | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | PmPmPm dmdm fmfmfm | PsTsPsTsTsTss | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | | | | | | | | | | | | |
| Dacca | 00 00 | 900 122 57 | 800 064 58 | 600 036 61 | 350 331 60 | 250 421 // | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | |
| Quetta | 00 00 | 800 134 // | 600 091 | 350 407 | 250 325 51 | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | As 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | As 0000 hrs. G.M.T. † of date (dd ff) | | | | | | As 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 170 09 | 338 11 | 264 11 | 268 08 | 270 12 | ... | ... | ... | ... | 175 08 | 150 04 | 130 09 | 130 08 | ... | ... | 330 04 | 320 06 | 320 06 | 310 07 | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 360 02 | 035 02 | 070 02 | 105 05 | 225 08 | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | 280 03 | 280 05 | 270 09 | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 350 08 | 260 08 | 030 03 | 325 04 | 300 17 | 265 12 | ... | ... | ... | 350 05 | 340 05 | 310 07 | 230 06 | 230 09 | ... | 350 03 | 175 01 | 020 03 | 015 05 | 315 11 | 320 10 | 305 33 | 310 41 | ... | ... |
| Chhor | 305 07 | 305 09 | 200 10 | 240 11 | 275 15 | 280 22 | 280 12 | 290 46 | 285 59 | 245 15 | 345 15 | 195 14 | 200 13 | 350 08 | 360 10 | 245 06 | 275 10 | 200 10 | 195 14 | 205 04 | 265 10 | 265 14 | 285 34 | 275 55 | 280 85 | ... |
| Chittagong | 130 05 | 180 06 | 235 12 | 225 23 | 260 26 | 270 57 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 055 07 | 055 07 | 010 07 | 150 05 | 180 07 | 240 29 | 230 48 | 220 27 | 225 28 | ... | ... |
| Cheraz | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 259 12 | 280 20 | 275 15 | ... | ... | ... | ... | ... | ... | 360 07 | 360 05 | 335 04 | 290 05 | 310 06 | 270 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 145 07 | 185 06 | 230 10 | 255 21 | 255 17 | 270 32 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 010 05 | 345 05 | 320 04 | 010 08 | 300 08 | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 085 06 | 051 06 | 015 12 | 345 06 | 330 14 | ... | ... | ... | ... | 070 04 | 270 05 | 020 02 | 350 02 | ... | ... | 080 06 | 090 07 | 125 03 | ... | ... | ... | ... | ... | ... |
| D. I. Khan | 040 12 | 055 06 | 185 07 | 190 17 | 225 16 | 275 18 | 270 15 | 285 25 | 290 22 | 315 05 | 305 05 | 275 05 | 245 06 | 235 07 | 220 06 | 265 03 | 315 03 | 315 02 | 210 01 | 315 04 | 295 10 | 300 10 | 285 14 | 280 50 | 300 25 | 290 63 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 095 20 | 280 05 | 110 11 | ... | ... | ... | 340 03 | 205 08 | 270 09 | 320 10 | 330 13 | 320 00 | 269 14 | 305 33 |
| Fort Sandeman | ... | ... | ... | 280 04 | 340 08 | 270 14 | 290 27 | 295 35 | 350 75 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 265 42 | 250 51 | 260 07 | 265 33 | ... | ... | ... | ... | ... | 350 08 | 325 04 | 325 06 | 280 12 | 230 05 | ... | 340 04 | 325 04 | 310 08 | ... | ... | ... | ... | ... | ... | ... | ... |
| Jaisalmer | 160 15 | 190 06 | 200 08 | 195 10 | 175 40 | 310 06 | 295 29 | 230 29 | ... | 095 20 | 110 11 | 045 03 | 235 04 | 230 06 | ... | 090 09 | 085 10 | 070 05 | 115 04 | 160 03 | 250 08 | 280 17 | 280 23 | 280 34 | 265 46 | ... |
| Jessore | 150 07 | 290 15 | 255 20 | 280 42 | 251 89 | ... | ... | ... | ... | 360 08 | 005 10 | 340 10 | 330 10 | ... | ... | 005 14 | 015 10 | 010 06 | 325 06 | 315 10 | ... | ... | ... | ... | ... | ... |
| Jhelum | 240 02 | 275 08 | 290 07 | 325 15 | 315 22 | 311 26 | 295 32 | 280 20 | 295 35 | 310 06 | 325 08 | 325 10 | 205 16 | 345 06 | ... | 320 11 | 320 09 | 310 06 | 315 06 | 302 56 | 305 18 | 290 12 | 305 36 | 295 43 | 300 50 | 290 78 |
| Jiwani | 280 06 | 285 12 | 298 11 | 330 11 | 320 09 | 300 27 | 275 18 | 240 39 | 260 42 | 310 06 | 290 10 | 065 03 | 178 04 | 260 07 | 300 10 | 305 10 | 280 09 | 275 07 | 305 05 | 245 05 | 330 04 | 230 19 | 230 26 | 235 32 | 265 48 | 230 04 |
| Karachi | 235 12 | 235 09 | 235 06 | 280 06 | 265 07 | 285 13 | 290 21 | 280 29 | 275 32 | ... | ... | ... | ... | ... | ... | 030 04 | 330 01 | 325 07 | 040 04 | 300 07 | 290 11 | 295 17 | 265 33 | 260 37 | ... | ... |
| Khanpur | 225 07 | 225 07 | 280 10 | 250 14 | 260 15 | 290 25 | 290 27 | 285 42 | 300 49 | 012 07 | 010 09 | 015 08 | 310 05 | 305 10 | 305 19 | 015 05 | 025 19 | 030 20 | 140 22 | 315 06 | 065 02 | 335 15 | 305 06 | 270 07 | 285 33 | 280 72 |
| Khuzdar | ... | ... | ... | 320 06 | 335 10 | 335 02 | 315 40 | 280 12 | 300 41 | ... | ... | ... | 300 02 | 280 04 | 260 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 080 04 | 030 04 | 020 03 | 030 06 | 005 14 | 330 17 | ... | ... | ... | 235 06 | 260 07 | 235 04 | 305 12 | ... | ... | 280 04 | 285 10 | 305 10 | 290 11 | 295 15 | 285 48 | 270 70 | 275 25 | ... | ... | ... |
| Multan | 050 05 | 140 04 | 245 06 | 340 18 | 335 11 | 280 25 | 295 28 | 295 17 | 295 07 | 035 04 | 015 04 | 180 04 | 340 08 | 285 10 | 305 16 | 035 12 | 035 21 | 035 18 | 035 12 | 320 13 | 240 03 | 248 21 | 275 23 | 275 32 | 310 23 | 315 41 |
| Nawab Shah | 215 04 | 220 05 | 210 06 | 340 19 | 280 16 | 285 20 | 285 27 | 290 54 | ... | 225 04 | 210 05 | 190 08 | 095 01 | 070 06 | 090 12 | 025 03 | 050 03 | 180 03 | 105 05 | 145 05 | 280 12 | 270 32 | 285 43 | 265 35 | 265 01 | 280 89 |
| Nokkundi | ... | ... | 095 10 | 345 01 | 305 04 | 005 11 | ... | ... | ... | ... | ... | 115 01 | 185 03 | 245 06 | 265 09 | ... | ... | 095 07 | 135 07 | 250 09 | 175 01 | 175 03 | 245 03 | 280 29 | 325 26 | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 120 03 | 065 04 | 305 28 | 275 05 | 295 24 | 280 12 | 260 20 | 275 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | 300 21 | 140 13 | 270 24 | 315 07 | ... | ... | ... | ... | ... | 240 01 | 045 04 | ... | ... | ... | ... | 015 03 | 140 02 | 290 29 | 305 02 | 295 48 | 280 35 | 305 62 | 290 79 |
| Quetta | ... | ... | ... | ... | 280 12 | 310 12 | 305 19 | 290 32 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 155 05 | 275 06 | 275 12 | ... | ... | ... | ... |
| Sargodha | 095 02 | 235 01 | 280 02 | 330 05 | 270 04 | 265 04 | ... | ... | ... | 275 20 | 295 03 | 230 03 | ... | ... | ... | 275 02 | 030 03 | 320 02 | 265 03 | 005 06 | 310 12 | 305 21 | 305 26 | 300 34 | 295 41 | 290 52 |
| Skardu | ... | ... | ... | 145 04 | 255 01 | 290 01 | 295 07 | 290 13 | 265 14 | ... | ... | ... | 325 02 | 260 03 | ... | ... | ... | ... | 260 01 | 270 08 | 320 02 | 130 37 | ... | ... | ... | ... |
| Sylhet | 101 06 | 260 20 | 280 03 | 260 24 | ... | ... | ... | ... | ... | 260 10 | 280 20 | ... | ... | ... | ... | 125 04 | 020 01 | 290 02 | 270 17 | 270 27 | 255 30 | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 265 08 | 265 09 | 268 09 | 290 06 | 265 08 | 290 10 | 220 23 | 270 26 | 260 25 | 265 51 | 275 65 | ... | ... | ... | ... | ... | ... | ... |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

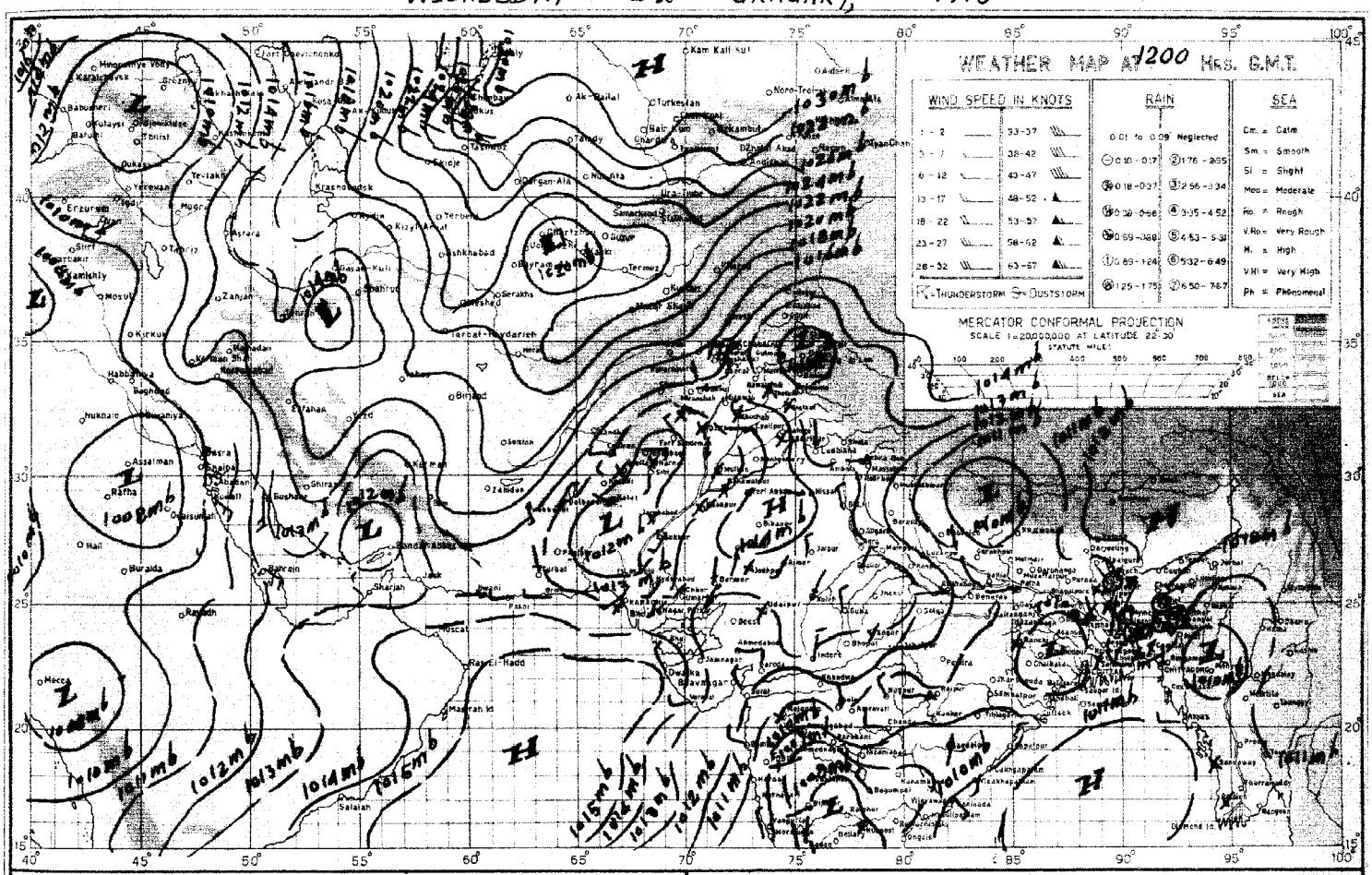
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ts—Approximate tenth values in (O °C) even values indicate positive and odd values indicate negative temperatures.

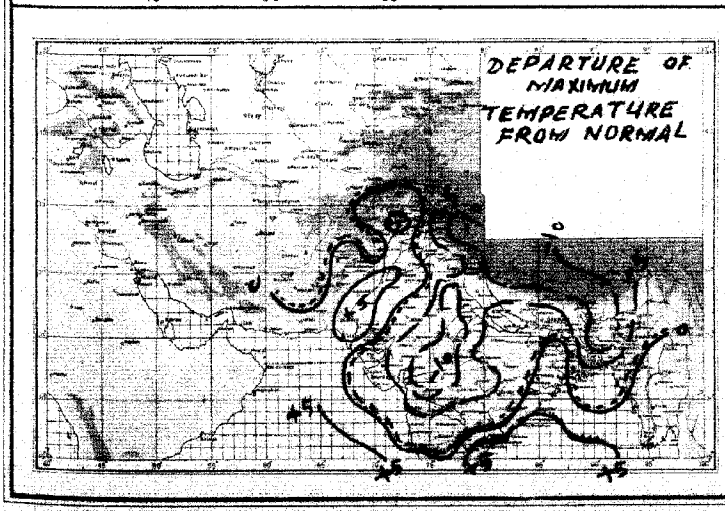
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

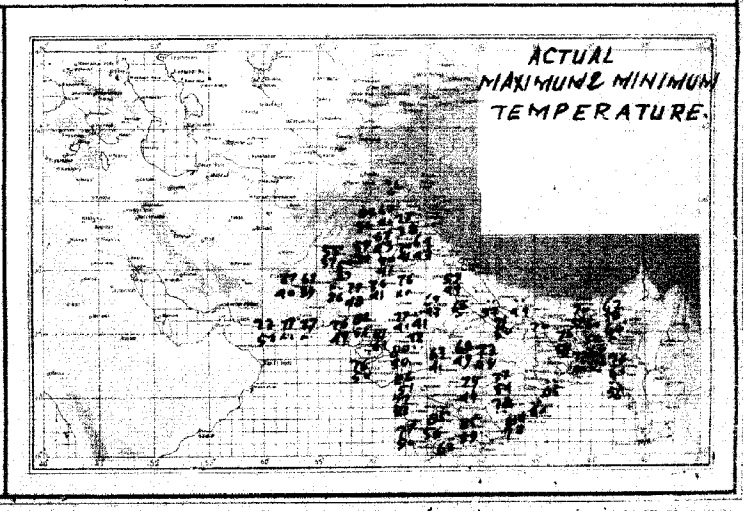
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st JANUARY, 1970




REG. No. 1034 RWMD/Spec'69-Spec'67

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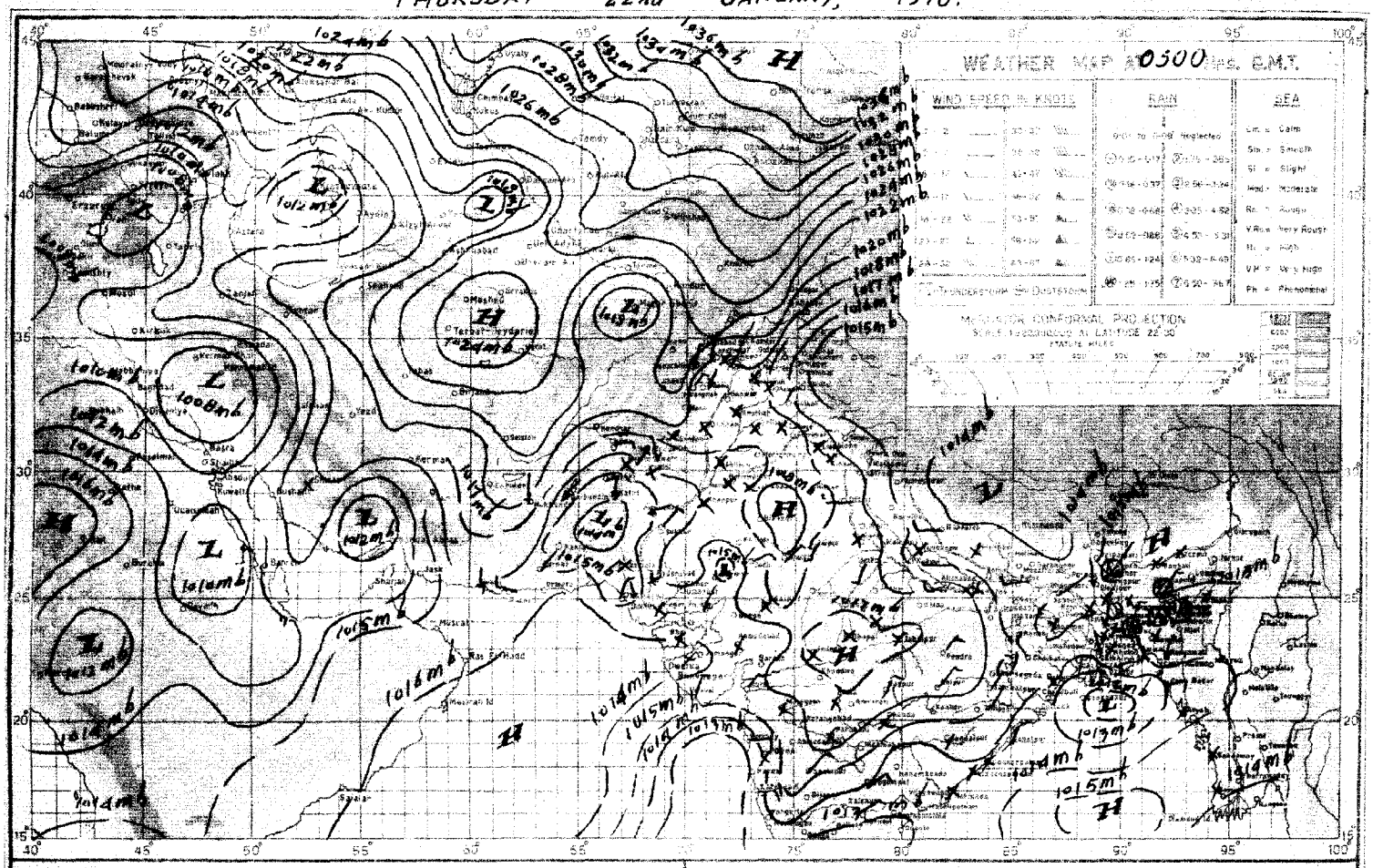
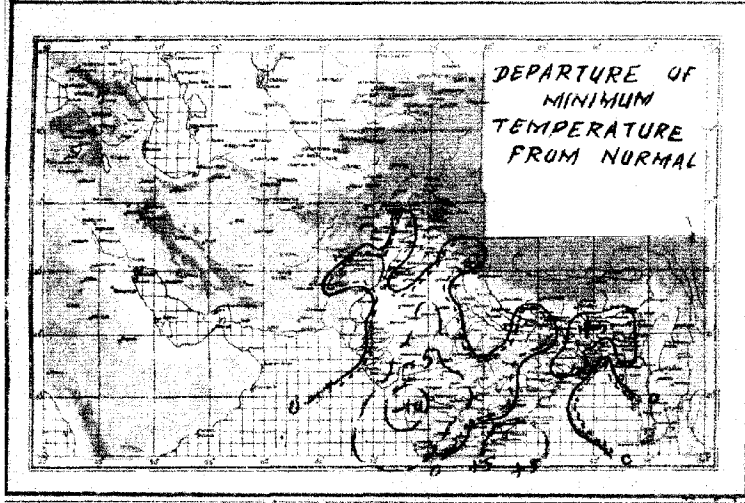
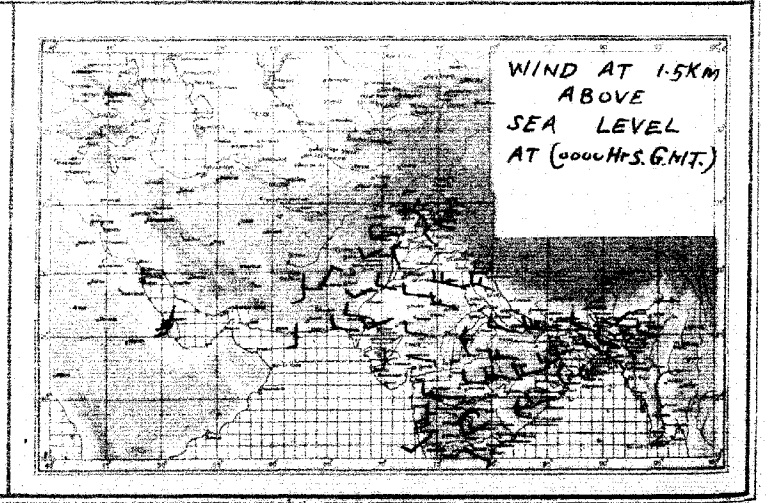
# PAKISTAN DAILY WEATHER MAP

THURSDAY 22nd JANUARY, 1970.




REG. No. 024 RWXD'61-[illegible]

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Pages 1—2 Rs; 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

FRIDAY THE 23rd JANUARY 1970.

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

Yesterday's trough of low pressure over Multan and Lahore divisions persists.

An active western disturbance is moving across north of Iran. It has induced a secondary that now lies over southeast Iran and adjoining Kalat division.

Yesterday's western disturbance over head Bay of Bengal moved away eastwards across the southern districts of Chittagong division after causing a few thunderstorms or light showers in the same division.

Otherwise weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal over the country outside Rawalpindi, Sargodha and Multan divisions, where these were nearly normal.

**Forecast valid until the evening of 24th January 1970** :—Fairly widespread rain or thundershowers with snowfall over the hills are likely to occur in Kalat, Quetta and D. I. Khan divisions, local in Peshawar, Malakand, Rawalpindi divisions and in Kashmir and scattered elsewhere in West Pakistan. Weather is likely to be dry in East Pakistan.

Karachi-11
The 23rd January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 4 | 27 | 02 | // | 01 | 4 | 117 | 74 | 3 | 3 | 6 | 0 | 0 | 56 | 80 |
| | Cox's Bazar | — | 000 | 0 | 7 | 25 | 06 | // | 02 | 2 | 113 | 73 | 3 | 4 | 4 | 3 | 0 | 67 | 78 |
| | Chittagong | — | 000 | 0 | 3 | 31 | 03 | // | 02 | 0 | 114 | 72 | 3 | 0 | 9 | 2 | 0 | 64 | 77 |
| | Maijdee Court | — | 000 | 0 | 6 | 00 | 00 | 90 | 05 | 2 | 127 | 76 | 9 | 4 | 4 | 1 | 1 | 71 | 78 |
| | Comilla | — | 000 | 8 | 5 | 36 | 05 | 96 | 03 | 2 | 115 | 72 | 0 | 0 | 9 | 0 | 0 | 70 | 77 |
| | Brahmanbaria | — | 000 | 0 | 4 | 00 | 06 | // | 03 | 1 | 119 | 68 | 4 | 0 | 9 | 4 | 0 | 59 | 73 |
| | Sylhet | — | 000 | 0 | 3 | 00 | 00 | // | 01 | 0 | 106 | 67 | 3 | 4 | 4 | 0 | 0 | 58 | 73 |
| | Srimangal | — | 002 | 9 | 6 | 00 | 00 | // | 03 | 9 | 123 | 67 | 4 | 5 | 4 | 7 | 2 | 63 | 76 |
| Dacca | Mymensingh | — | 000 | 0 | 3 | 00 | 00 | // | 01 | 1 | 124 | 67 | 3 | 5 | 5 | 0 | 0 | 59 | 70 |
| | Narayanganj | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dacca (Tezgaon) | — | 080 | 0 | 3 | 00 | 00 | 96 | 01 | 2 | 119 | 70 | 1 | 1 | 6 | 0 | 0 | 60 | 73 |
| | Faridpur | — | 000 | 0 | 2 | 34 | 02 | 93 | 01 | 1 | 131 | 70 | 2 | 5 | 6 | 0 | 0 | // | 73 |
| Khulna | Barisal | — | 000 | 0 | 4 | 36 | 02 | 95 | 02 | 2 | 117 | 68 | 4 | 0 | 9 | 4 | 0 | 59 | 73 |
| | Khulna | — | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | 115 | 72 | 0 | 3 | 5 | 0 | 0 | 63 | 78 |
| | Satkhira | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 1 | 125 | 70 | 0 | 0 | 5 | 0 | 0 | 63 | 76 |
| | Jessore | — | 000 | 0 | 1 | 34 | 02 | 97 | 01 | 1 | 121 | 78 | 1 | 4 | 9 | 0 | 0 | 60 | 73 |
| Rajshahi | Pabna | — | 000 | 0 | 1 | 00 | 00 | // | 01 | 1 | 126 | 70 | 1 | 2 | 6 | 0 | 0 | 60 | 73 |
| | Sirajganj | — | 000 | 0 | 2 | 00 | 00 | // | 02 | 2 | 151 | 68 | 2 | 0 | 7 | 2 | 0 | 59 | 72 |
| | Rajshahi | — | 000 | 0 | 2 | 36 | 02 | 95 | 03 | 1 | 125 | 67 | 2 | 5 | 5 | 0 | 0 | 59 | 72 |
| | Bogra | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 123 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 70 |
| | Dinajpur | — | 000 | 0 | 0 | 36 | 02 | // | 00 | 0 | 114 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 70 |
| | Rangpur | — | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 4 | 109 | 59 | 3 | 0 | 9 | 1 | 0 | 54 | 70 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 4 | 132 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 67 |
| | Sialkot | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | — | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 4 | 118 | 70 | 0 | 0 | 9 | 0 | 0 | 34 | 72 |
| | Islamabad | — | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 6 | /// | 63 | 0 | 0 | 9 | 0 | 0 | 51 | 63 |
| | Rawalpindi | — | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 126 | 61 | 0 | 0 | 9 | 0 | 0 | 32 | 70 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 122 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 70 |
| | Sargodha | — | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 122 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 72 |
| | Lyallpur | — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 129 | 63 | 0 | 0 | 9 | 0 | 0 | 45 | 64 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 5 | 05 | 03 | 97 | 02 | 4 | 128 | 67 | 4 | 0 | 9 | 7 | 2 | 49 | 70 |
| | Leiah | — | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 127 | 76 | 0 | 0 | 9 | 0 | 0 | 34 | 76 |
| Bahawalpur | Khanpur | — | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 122 | 72 | 0 | 0 | 9 | 0 | 1 | 45 | 73 |
| | Bahawalpur | — | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 125 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 72 |
| | Fort Abbas | — | | | | | | | | | | | | | | | | | |
| Malakand | Chakdra | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | — | 000 | 0 | 1 | 23 | 02 | 97 | 03 | 0 | 118 | 67 | 0 | 0 | 9 | 0 | 1 | 28 | 67 |
| | Haripur | — | 000 | 2 | 4 | 23 | 02 | 98 | 01 | 1 | 128 | 60 | 4 | 0 | 9 | 7 | 0 | 28 | 63 |
| D. I. Khan | Bannu | — | 000 | 0 | 0 | 13 | 01 | 99 | 00 | 0 | 129 | 64 | 0 | 0 | 9 | 0 | 0 | 40 | 70 |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 126 | 67 | 0 | 0 | 9 | 0 | 0 | 45 | 70 |
| Quetta | Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 03 | 1 | 102 | 74 | 0 | 2 | 9 | 2 | 0 | 62 | 75 |
| | Nokkundi | — | 000 | 0 | 5 | 13 | 10 | 96 | 03 | 1 | /// | 64 | 0 | 5 | 9 | 0 | 0 | 40 | 66 |
| Kalat | Turbat | — | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 136 | 76 | 0 | 0 | 9 | 0 | 0 | 40 | 76 |
| | Jiwani | — | 000 | 0 | 6 | 23 | 09 | 94 | 02 | 2 | 118 | 73 | 5 | 0 | 9 | 3 | 0 | 58 | 74 |
| | Pasni | — | 000 | 0 | 6 | 25 | 10 | 97 | 02 | 0 | 121 | 73 | 3 | 3 | 9 | 0 | 0 | 56 | 73 |
| Karachi division | Ormara | — | 000 | 0 | 4 | 27 | 06 | 96 | 01 | 1 | 125 | 73 | 4 | 0 | 7 | 3 | 0 | 58 | 74 |
| | Lasbela | — | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | — | 000 | 0 | 2 | 23 | 05 | 97 | 03 | 0 | 123 | 74 | 0 | 0 | 9 | 0 | 4 | 63 | 77 |
| | Karachi (Airport) | — | 000 | 0 | 2 | 23 | 09 | 96 | 03 | 0 | 123 | 74 | 0 | 0 | 9 | 0 | 1 | 55 | 76 |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 162 | 76 | 0 | 0 | 9 | 0 | 0 | 61 | 82 |
| | Chhor | — | 000 | 0 | 1 | 23 | 02 | 96 | 02 | 0 | 117 | 78 | 0 | 0 | 9 | 9 | 1 | 49 | 80 |
| | Hyderabad | — | 000 | 0 | 2 | 23 | 02 | 97 | 03 | 0 | 119 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 81 |
| | Badin | — | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 128 | 79 | 0 | 0 | 9 | 0 | 0 | 50 | 81 |
| Khairpur | Padidan | — | 000 | 0 | 0 | 31 | 03 | 96 | 03 | 1 | 117 | 75 | 5 | 0 | 9 | 7 | 0 | 44 | 78 |
| | Nawabshah | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 123 | 78 | 2 | 3 | 9 | 0 | 0 | 51 | 79 |
| | Sukkur | — | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 119 | 75 | 0 | 0 | 9 | 0 | 0 | 44 | 81 |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 5 | 31 | 03 | 97 | 03 | 1 | 124 | 73 | 0 | 0 | 9 | 0 | 4 | 50 | 75 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * | | | | | | | | | | | | | | | | | |
| | Gulmarg | ** | | | | | | | | | | | | | | | | | |
| | Sonamarg | ** | | | | | | | | | | | | | | | | | |
| | Dras | ** | | | | | | | | | | | | | | | | | |
| | Leh | ** | | | | | | | | | | | | | | | | | |
| | Skardu | * | | | | | | | | | | | | | | | | | |
| | Misgar | ** | | | | | | | | | | | | | | | | | |
| | Aliabad | * | | | | | | | | | | | | | | | | | |
| | Gilgit | * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | * | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 489 | 50 | 1 | 5 | 7 | 7 | 0 | 26 | 54 |
| Peshawar | Cherat | * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 438 | 56 | 6 | 0 | 9 | 0 | 0 | 32 | 58 |
| | Kakul | * | 000 | 0 | 0 | 13 | 03 | 98 | 02 | 0 | 483 | 43 | 0 | 0 | 9 | 0 | 0 | 32 | 60 |
| | Landikotal | * | 000 | 0 | 4 | 05 | 05 | 98 | 01 | 4 | 426 | 56 | 4 | 3 | 9 | 0 | 0 | 41 | 56 |
| | Prachinar | * | 000 | 0 | 0 | 13 | 05 | 98 | 02 | 0 | 484 | 50 | 0 | 0 | 9 | 0 | 0 | 23 | 54 |
| D.I. Khan | Miranshah | * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Wana | * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman | * | 000 | 0 | 4 | 36 | 03 | 97 | 03 | 0 | 467 | 61 | 0 | 0 | 9 | 0 | 1 | // | 63 |
| | Hindubagh | * | 000 | 0 | 0 | 23 | 08 | 97 | 02 | 0 | /// | 43 | 0 | 0 | 9 | 0 | 0 | 37 | 34 |
| | Loralai | * | 000 | 0 | 0 | 18 | 05 | 97 | 01 | 0 | 490 | 56 | 0 | 1 | 5 | 0 | 0 | 44 | 60 |
| | Barkhan | * | | | | | | | | | | | | | | | | | |
| | Harnai | * | 000 | 0 | 0 | 13 | 02 | 94 | 02 | 0 | 469 | 62 | 0 | 0 | 9 | 0 | 0 | 25 | 67 |
| | Samungli (Quetta) | * | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 471 | 67 | 0 | 0 | 9 | 0 | 6 | 29 | 58 |
| | Chaman | * | 000 | 0 | 1 | 27 | 03 | 97 | 00 | 0 | 493 | 55 | 0 | 0 | 9 | 0 | 0 | 32 | 55 |
| | Nushki | * | 000 | 0 | 3 | 00 | 05 | 97 | 00 | 0 | 517 | 58 | 0 | 0 | 9 | 0 | 2 | 47 | 59 |
| | Dalbandin | * | 000 | 0 | 4 | 00 | 00 | 98 | 03 | 0 | 482 | 62 | 0 | 0 | 9 | 3 | 0 | 25 | 64 |
| Kalat | Kalat | * | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 2 | 468 | 55 | 0 | 0 | 9 | 0 | 0 | // | 60 |
| | Khuzdar | * | 000 | 0 | 4 | 09 | 02 | 97 | 01 | 0 | 470 | 63 | 1 | 5 | 8 | 5 | 0 | 23 | // |
| | Panjgur | * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in konts ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 5 | 16 | 02 | 98 | 00 | 4 | 182 | 45 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — | — | 1.5 | — | 0.0 | — |
| | Cox's Bazar | ... | .. | .. | .. | ... | ... | ... | .. | ... | ... | .. | .. | .. | | | ... | ... | — 2 | | | | | 140 |
| | Chittagong | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 1 | 169 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — 2 | + 5 | 1.3 | — 1.7 | 0.0 | 108 |
| | Maijdee Court | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 170 | 68 | 0 | 0 | 9 | 0 | 0 | 57 | 56 | 0 | 0 | 0.4 | — 1.5 | 0.1 | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 168 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 60 | — 2 | + 7 | 0.5 | — 1.3 | 0.0 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 05 | 02 | 96 | 00 | 4 | 176 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — | — | 1.7 | + 0.3 | 0.5 | 78 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 56 | 45 | 4 | 164 | 54 | 6 | 6 | 3 | 1 | 7 | 55 | 51 | — | — | 2.9 | — | 1.7 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 172 | 66 | 0 | 0 | 9 | 0 | 0 | 57 | 47 | — 5 | — 1 | 2.2 | + 0.3 | 0.7 | 98 |
| Dacca | Mymensingh | ... | .. | .. | ... | ... | ... | ... | .. | ... | | .. | .. | .. | .. | .. | ... | .. | + 4 | | | | | 91 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 175 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | — | + 1 | 1.7 | + 0.5 | 0.3 | 74 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 189 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — | — | 1.9 | — | 0.6 | — |
| | Faridpur | 009 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 176 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | — 3 | + 3 | 2.3 | + 0.9 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 4 | 171 | 62 | 1 | 7 | 9 | 0 | 0 | 60 | 56 | — 5 | + 1 | 0.9 | — 0.9 | 0.0 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 146 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 51 | — 1 | — 5 | 1.3 | — 0.1 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 4 | 30 | 02 | 97 | 00 | 0 | 175 | 64 | 2 | 2 | 7 | 0 | 0 | 58 | 58 | — 5 | + 5 | 0.2 | — 1.9 | 0.0 | 65 |
| | Jessore | 000 | 0 | 1 | 03 | 05 | 96 | 05 | 0 | 170 | 62 | 1 | 0 | 9 | 4 | 0 | 58 | 54 | — | — | 1.9 | + 0.7 | 0.8 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 36 | 05 | 99 | 02 | 0 | 171 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — | — | 1.1 | — | 1.3 | 59 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 169 | 60 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | — 4 | + 2 | 1.8 | + 0.8 | 1.5 | 64 |
| | Rajshahi | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 178 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — 4 | + 4 | 3.7 | + 2.8 | 0.7 | — |
| | Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 03 | 2 | 166 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | // | — 6 | — | 1.7 | + 0.2 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 172 | 62 | 0 | 0 | 9 | 0 | 0 | 65 | 54 | — 6 | + 5 | 1.6 | — 0.9 | 0.8 | 72 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 4 | 153 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 51 | — 5 | + 1 | 2.3 | + 1.6 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 90 | 47 | 4 | 168 | 47 | 0 | 0 | 9 | 0 | 0 | 45 | 45 | — 1 | + 4 | 0.4 | — 0.9 | 0.4 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | // | 00 | / | 180 | 45 | 0 | 0 | 9 | 0 | 0 | 56 | 32 | — | — | — | — | — | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 1 | 161 | 43 | 3 | 0 | 9 | 4 | 2 | 41 | 39 | — | — | 0.1 | — | 0.0 | — |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | /// | 44 | 2 | 4 | 5 | 6 | 1 | 36 | 47 | — | — | — | — | — | |
| | Rawalpindi | 000 | 0 | 7 | 00 | 00 | 56 | 02 | 2 | 171 | 41 | 4 | 0 | 9 | 6 | 1 | 35 | 38 | + 8 | — 1 | 0.3 | — 2.6 | 0.2 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 162 | 49 | 0 | 0 | 9 | 6 | 0 | 41 | 43 | + 3 | + 1 | 0.0 | — 0.9 | 0.0 | 15 |
| | Sargodha | 000 | 0 | 7 | 00 | 00 | 94 | 10 | 2 | 157 | 45 | 3 | 0 | 9 | 3 | 1 | 43 | 41 | — | — | 0.1 | | 0.0 | — |
| | Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 155 | 47 | 4 | 3 | 8 | 0 | 0 | 40 | 43 | — 3 | + 2 | 0.0 | — 0.6 | 0.0 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 6 | 00 | 00 | 95 | 10 | 2 | 141 | 49 | 1 | 5 | 6 | 7 | 0 | 45 | 43 | + 2 | 0 | 0.0 | — 0.3 | 0.0 | 7 |
| | Leiah | 000 | 0 | 8 | 36 | 02 | 92 | 00 | 0 | 166 | 47 | 0 | 0 | 9 | 0 | 0 | 45 | 43 | — | — | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 145 | 58 | 3 | 5 | 6 | 3 | 0 | 47 | 45 | 0 | + 3 | 0.3 | + 0.0 | 0.0 | 6 |
| | Bahawalpur | 000 | 0 | 1 | 00 | 00 | 94 | 43 | 0 | 141 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 49 | + 1 | + 7 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 161 | 38 | 2 | 7 | 0 | 2 | 1 | 34 | 33 | — | — | 0.8 | — | 0.3 | — |
| Peshawar | Peshawar | 000 | 0 | 7 | 00 | 00 | 95 | 04 | 7 | 162 | 43 | 3 | 0 | 9 | 3 | 7 | 40 | 43 | + 4 | + 2 | 0.8 | — 0.9 | 0.2 | 11 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| D. I. Khan | Bannu | 000 | 0 | 6 | 34 | 07 | 99 | 03 | 2 | 165 | 45 | 3 | 2 | 7 | 6 | 0 | 38 | 43 | — | — | 0.5 | — | 0.0 | 11 |
| | D. I. Khan | 000 | 0 | 5 | 00 | 00 | 95 | 10 | 0 | 159 | 47 | 3 | 0 | 9 | 3 | 2 | 45 | 45 | + 2 | + 4 | 0.1 | — 0.6 | 0.1 | 9 |
| Quetta | Sibi | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 1 | 155 | 48 | 0 | 2 | 9 | 1 | 2 | 46 | 45 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 175 | // | 0 | 0 | 9 | 0 | 0 | 22 | 47 | — | — | 1.4 | — | 1.4 | 1 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 179 | 57 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 144 | 65 | 1 | 0 | 5 | 0 | 0 | 59 | 60 | — | — | 7.6 | — | 6.6 | 3 |
| | Pasni | 000 | 0 | 6 | 25 | 00 | 96 | 02 | 0 | 135 | 60 | 3 | 3 | 9 | 0 | 0 | 56 | // | — 1 | — | 2.5 | + 0.4 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 2 | 160 | 62 | 1 | 0 | 7 | 3 | 0 | 59 | // | — | — | 0.7 | — 0.9 | 0.7 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 137 | 64 | 0 | 0 | 9 | 0 | 0 | 61 | 62 | + 3 | + 4 | 0.3 | — 0.3 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 150 | 57 | 2 | 5 | 6 | 0 | 0 | 57 | 53 | — | — | 0.1 | — | 0.1 | — |
| Hyderabad | Nagarparkar | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Chhor | 000 | 0 | 0 | 03 | 00 | 96 | 02 | 0 | 152 | 53 | 0 | 0 | 9 | 0 | 0 | 45 | 48 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 1 | 00 | 00 | 96 | 00 | 0 | 153 | 57 | 1 | 0 | 9 | 3 | 0 | 53 | 56 | + 5 | + 5 | 0.1 | — 0.1 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 161 | 56 | 0 | 0 | 9 | 0 | 0 | 60 | 53 | + 3 | + 3 | 0.0 | — 0.4 | 0.0 | — |
| Khairpur | Padidan | 000 | 0 | 3 | 00 | 00 | 94 | 02 | 1 | 142 | 48 | 3 | 4 | 7 | 0 | 0 | 40 | 45 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 153 | 51 | 1 | 4 | 9 | 0 | 0 | 47 | 46 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 6 | 16 | 05 | 95 | 05 | 4 | 141 | 57 | 6 | 0 | 9 | 9 | 0 | 49 | 53 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 5 | 09 | 02 | 90 | 03 | 2 | 141 | 57 | 5 | 0 | 9 | 7 | 0 | 49 | 51 | + 2 | + 6 | 0.2 | — 0.2 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 24 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh | ... | . | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | .. | .. | .. | ... | ... | + 4 | | | | | 29 |
| Peshawar | Cherat | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 465 | 41 | 0 | 0 | 9 | 0 | 0 | 20 | 40 | + 9 | + 2 | 0.6 | — 2.7 | 0.0 | — |
| | Kakul | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Landikotal | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 4 | 604 | 35 | 4 | 3 | 9 | 0 | 0 | 28 | 28 | — | — | 0.7 | — | 0.1 | 29 |
| | Prachinar | 000 | 0 | 7 | 36 | 05 | 97 | 03 | 2 | 501 | 38 | 7 | 0 | 9 | 3 | 0 | 24 | 32 | + 1 | + 9 | 0.9 | — | 0.3 | 12 |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 560 | 60 | 8 | 0 | 9 | 0 | 0 | 38 | 51 | — | — | 0.0 | — 1.3 | 0.0 | 11 |
| | Wana | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 1 | 484 | 39 | 0 | 0 | 9 | 3 | 2 | 17 | 37 | + 7 | + 6 | 0.2 | — 0.8 | 0.2 | — |
| | Hindubagh | 000 | 0 | 7 | 03 | 00 | 97 | 03 | 0 | /// | 29 | 1 | 2 | 5 | 0 | 0 | 18 | 18 | — | — | 0.2 | — | 0.5 | 9 |
| | Loralai | 000 | 0 | 8 | 18 | 03 | 97 | 01 | 0 | 521 | 32 | 0 | 9 | 1 | 0 | 0 | 43 | 33 | — | — | 0.0 | — | 0.0 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | 000 | 0 | 5 | 00 | 00 | // | 02 | 0 | 452 | 51 | 0 | 0 | 7 | 0 | 5 | 26 | 47 | — | — | 0.0 | — 1.6 | 0.0 | 9 |
| | Samungli (Quetta) | 000 | 0 | 8 | 11 | 07 | 96 | 01 | 2 | 487 | 40 | 6 | 6 | 6 | 2 | 0 | 20 | 30 | + 9 | — 1 | 1.4 | — 1.1 | 0.8 | 9 |
| | Chaman | 000 | 0 | 0 | 07 | 03 | 96 | 00 | 0 | 495 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | + 2 | + 1 | 6.2 | + 3.5 | 6.3 | — |
| | Nushki | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 515 | 55 | 0 | 0 | 9 | 0 | 2 | 44 | 48 | — | — | 1.5 | — | 1.3 | 4 |
| | Dalbandin | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 458 | 44 | 0 | 0 | 9 | 0 | 0 | 38 | 39 | + 4 | + 6 | 1.3 | 0.0 | 1.3 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 23 | 01 | 58 | 00 | 2 | 503 | 37 | 0 | 0 | 9 | 0 | 0 | 27 | 35 | + 6 | + 8 | 0.8 | — 1.3 | 0.8 | — |
| | Khuzdar | 000 | 0 | 0 | 27 | 02 | 96 | 01 | 0 | 479 | 46 | 0 | 0 | 9 | 0 | 0 | 36 | 39 | — | — | 1.0 | — | 0.7 | 8 |
| | Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 23rd JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$ 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 | | | | | | | | | | | | | | |
| Kadyila ...... | 99 2 27 | 10 6 09 | 22 1 23 | 11 6 05 | 58 0 20 | 11 5 23 | 14 0 00 | | | | 01 1 14 | 12 4 54 | 30 2 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo | 1000 mb | 850 mb (hhh $TTT_a$ DD) | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 011 166 25 | ... | 430 056 50 | 058 010 56 | 570 139 59 | 736 257 58 | 941 355 57 | 211 577 // | 380 691 // | 624 767 // | ... | ... | ... |
| Dacca ... | 00 00 | 013 170 50 | ... | 430 066 57 | 065 014 58 | 571 123 // | 739 217 59 | 947 317 59 | 225 483 // | 409 615 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 011 160 53 | ... | 400 120 57 | 077 000 // | 570 121 // | 737 295 // | 940 381 // | 213 411 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 000 090 12 | ... | 500 094 40 | 108 025 13 | 571 181 // | 736 261 // | 993 375 // | 215 435 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 971 060 56 | ... | 400 070 57 | 024 017 56 | 562 161 56 | 726 291 37 | 925 441 // | 187 593 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 818 056 41 | ... | ... | 045 019 // | 561 231 // | 720 337 // | 917 447 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 992 084 58 | ... | 450 100 60 | 053 025 58 | 565 171 // | 729 265 // | 920 401 // | 201 515 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 908 086 14 | 800 026 58 | 608 045 58 | 350 277 58 | 256 574 45 | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 104 57 | 800 046 58 | 600 033 11 | 350 271 59 | 250 753 89 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | 800 048 // | 600 133 // | 350 393 // | 250 345 23 | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 360 08 | 015 08 | 325 02 | 250 04 | 260 09 | 265 27 | ... | ... | ... |
| Bogra | 295 07 | 320 07 | 320 08 | 270 18 | 265 20 | 270 31 | ... | ... | ... |
| Chaklala | ... | 265 11 | 270 10 | 280 05 | 325 02 | 030 04 | 230 08 | 280 13 | 305 17 |
| Chher | 200 05 | 185 06 | 165 07 | 180 06 | 280 11 | 275 15 | 260 12 | 270 35 | 270 47 |
| Chittagong | 285 11 | 285 03 | 010 11 | 185 07 | 245 06 | 255 25 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 275 05 | 775 05 | 200 05 | 160 04 | 195 05 | ... | ... | ... | ... |
| Dacca | 035 03 | 020 03 | 300 03 | 275 06 | 260 15 | 260 25 | 265 27 | ... | ... |
| Dalbandin | ... | ... | 110 61 | 210 05 | 230 05 | 270 22 | 280 38 | | ... |
| D. I. Khan | 125 02 | 175 01 | 305 04 | 315 14 | 225 05 | 255 08 | 270 09 | 270 17 | 275 21 |
| Drosh | ... | ... | ... | 185 07 | 225 04 | 350 09 | 360 04 | ... | ... |
| Fort Sandeman | ... | ... | ... | 325 03 | 290 21 | 290 15 | 275 24 | 240 19 | 250 17 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 015 08 | 015 05 | 285 05 | 275 12 | 275 19 | ... | ... | ... | ... |
| Jacobabad | 335 05 | 020 04 | 085 06 | 115 12 | 165 09 | 220 13 | 240 17 | 250 25 | 265 23 |
| Jessore | 350 02 | 010 04 | 260 06 | 305 06 | 275 10 | 265 21 | ... | ... | ... |
| Jhelum | 270 06 | 280 11 | 275 10 | 285 08 | 305 05 | 245 05 | 295 24 | 290 37 | 300 44 |
| Jiwani | 285 09 | 265 07 | 260 06 | 320 04 | 270 09 | 240 19 | 250 19 | ... | ... |
| Karachi | 255 12 | 275 08 | 300 07 | 005 08 | 315 06 | 260 09 | 265 24 | 255 31 | 265 34 |
| Khanpur | 020 08 | 035 06 | 050 04 | 135 07 | 220 21 | 210 12 | 280 11 | 280 27 | 285 25 |
| Khuzdar | 190 05 | 295 12 | 285 17 | 125 07 | 285 37 | 310 10 | 260 73 | 285 26 | ... |
| Lahore | 275 06 | 285 08 | 285 08 | 295 10 | 290 10 | 325 12 | 330 15 | 295 12 | 295 25 |
| Multan | 060 06 | 355 06 | 355 07 | 225 08 | 345 07 | 280 18 | 275 23 | 270 12 | 255 19 |
| Nawab Shah | 050 03 | 080 02 | 050 03 | 110 02 | 275 09 | 275 02 | 265 24 | 260 50 | 260 46 |
| Nokkundi | ... | ... | 105 36 | 130 07 | 230 11 | 235 19 | ... | ... | ... |
| Panjgur | ... | ... | ... | | ... | ... | ... | ... | ... |
| Peshawar | ... | 020 03 | 025 12 | 040 20 | ... | ... | | | ... |
| Parachinar | ... | ... | ... | 335 02 | 165 05 | 280 29 | 285 20 | 290 27 | 290 31 |
| Quetta | ... | | | ... | 155 04 | 320 11 | 235 16 | 255 25 | 265 30 |
| Sargodha | 260 03 | 280 03 | 320 05 | 325 03 | 320 03 | 325 09 | 315 15 | 320 03 | 330 29 |
| Skardu | | ... | ... | 355 22 | 060 02 | 050 05 | 152 04 | 345 02 | 330 13 |
| Sylhet | 255 09 | 260 08 | 260 12 | 275 10 | 285 20 | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 355 01 | 340 06 | 250 07 | 300 22 | 305 21 | ... |
| Bogra | 310 11 | 325 08 | 320 07 | 285 11 | 285 76 | 295 34 |
| Chaklala | | 295 04 | 005 03 | 310 04 | 280 05 | 290 07 |
| Chher | 275 14 | 285 17 | 275 19 | 250 13 | 305 07 | 120 06 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 070 12 | 020 15 | ... | 045 08 | ... | ... |
| Dacca | 350 12 | 020 13 | 355 12 | ... | 335 13 | ... |
| Dalbandin | ... | ... | 315 10 | 230 13 | 263 23 | 269 05 |
| D. I. Khan | 105 06 | 125 05 | 135 08 | 210 05 | ... | ... |
| Drosh | ... | ... | ... | 100 02 | 045 05 | 015 11 |
| Fort Sandeman | ... | ... | ... | 225 01 | 200 03 | 230 15 |
| Gilgit | ... | ... | ... | 015 06 | 015 05 | ... |
| Ishurdi | 335 10 | 335 09 | 290 07 | 275 23 | 275 25 | ... |
| Jacobabad | 085 05 | 100 06 | 125 05 | 165 04 | 210 08 | |
| Jessore | 015 07 | 015 04 | 005 06 | 255 08 | 320 11 | 270 31 |
| Jhelum | 095 02 | 070 02 | 005 02 | 320 04 | 275 06 | 045 06 |
| Jiwani | 310 06 | 290 10 | 065 03 | ... | ... | ... |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 080 10 | 105 10 | 135 04 | 235 12 | ... | ... |
| Khuzdar | ... | ... | ... | 270 05 | 280 05 | 305 14 |
| Lahore | 260 04 | 310 03 | 295 04 | 320 05 | 235 08 | 275 14 |
| Multan | 270 12 | 235 10 | 235 10 | 245 11 | 285 15 | 265 10 |
| Nawab Shah | 235 09 | 225 12 | 210 12 | 280 05 | 245 18 | 270 21 |
| Nokkundi | ... | ... | 195 05 | 240 01 | 270 15 | 305 20 |
| Panjgur | ... | ... | ... | 350 09 | 330 11 | 320 23 |
| Peshawar | ... | 320 04 | 325 01 | 360 03 | 345 02 | 195 07 |
| Parachinar | ... | ... | ... | 250 03 | 085 03 | ... |
| Quetta | ... | ... | | ... | ... | ... |
| Sargodha | 265 04 | 285 04 | 225 01 | 290 02 | 310 03 | ... |
| Skardu | ... | ... | ... | 355 01 | 005 01 | 220 08 |
| Sylhet | No | Ascent | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 295 16 | 285 25 | 328 07 | 295 16 | 290 12 | 285 15 | 290 29 | 285 25 | 290 39 | 285 35 | ... |
| Bogra | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 095 05 | 125 01 | 160 04 | 215 04 | 100 05 | ... | ... | ... | ... | ... |
| Chher | 270 04 | 225 10 | 252 15 | 215 18 | 240 11 | 275 02 | 260 22 | 260 26 | 280 38 | 265 71 | 290 80 |
| Chittagong | 330 84 | 320 08 | 320 12 | 310 14 | 275 44 | 280 30 | 270 39 | 270 47 | 265 56 | 270 45 | 270 92 |
| Cherat | ... | | ... | | ... | ... | | | ... | ... | ... |
| Cox's Bazar | 240 20 | 340 21 | 340 26 | 245 13 | 340 15 | 300 15 | 285 25 | 300 25 | 290 27 | ... | ... |
| Dacca | 340 04 | 340 04 | 295 08 | 290 19 | 285 25 | 300 29 | 275 42 | 290 46 | 275 49 | 280 72 | 290 79 |
| Dalbandin | ... | ... | 275 01 | 220 12 | 345 15 | 260 25 | 260 36 | 270 58 | 301 09 | 291 17 | 291 18 |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | | | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | 160 53 | 310 01 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | ... | | ... | ... | ... | ... | ... | ... |
| Ishurdi | 295 09 | 285 06 | 095 06 | 265 04 | 280 05 | 285 06 | | ... | ... | ... | ... |
| Jacobabad | 170 02 | 315 04 | 225 04 | 235 12 | 260 17 | 270 29 | 245 37 | 245 41 | ... | ... | ... |
| Jessore | 025 04 | 290 03 | 290 04 | 275 15 | 290 23 | 290 30 | 295 25 | 285 37 | 305 48 | ... | ... |
| Jhelum | 030 04 | 020 04 | 050 12 | 185 03 | /// // | 260 07 | ... | ... | ... | ... | ... |
| Jiwani | 155 07 | 200 08 | 220 11 | 240 19 | 250 21 | ... | ... | ... | ... | ... | ... |
| Karachi | 295 04 | 295 07 | 280 09 | 255 13 | 255 13 | 280 11 | 300 19 | 305 17 | 310 21 | ... | ... |
| Khanpur | 235 15 | 235 12 | 225 15 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 115 03 | 185 02 | 185 02 | 245 05 | 235 04 | 260 09 | 285 17 | ... | ... | ... | ... |
| Multan | 240 06 | 260 05 | 265 04 | 280 03 | 290 04 | 290 10 | ... | ... | ... | ... | ... |
| Nawab Shah | 175 09 | 290 07 | 225 07 | 280 16 | 290 17 | 260 17 | 265 51 | 265 57 | 270 29 | ... | ... |
| Nokkundi | ... | ... | 360 14 | 085 09 | 095 16 | 115 08 | 170 08 | 210 10 | 219 14 | 230 18 | ... |
| Panjgur | ... | ... | ... | 220 10 | 220 18 | 260 22 | 275 26 | 285 31 | 290 37 | ... | ... |
| Peshawar | ... | 030 01 | 110 01 | 170 06 | 155 05 | 210 08 | 255 19 | 260 20 | 265 14 | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 235 09 | 250 31 | 250 23 | ... | ... | ... | ... |
| Sargodha | 200 23 | 215 03 | 190 02 | 220 04 | 245 04 | 305 06 | 340 05 | ... | ... | ... | ... |
| Skardu | ... | ... | ... | 360 03 | 204 04 | 280 12 | 350 20 | ... | ... | ... | ... |
| Sylhet | 305 03 | 005 04 | 050 03 | 065 07 | 095 16 | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 270 08 | 280 11 | 285 11 | 285 12 | 245 13 | 265 29 | 270 15 | 255 42 | 265 50 | 285 48 | 266 12 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

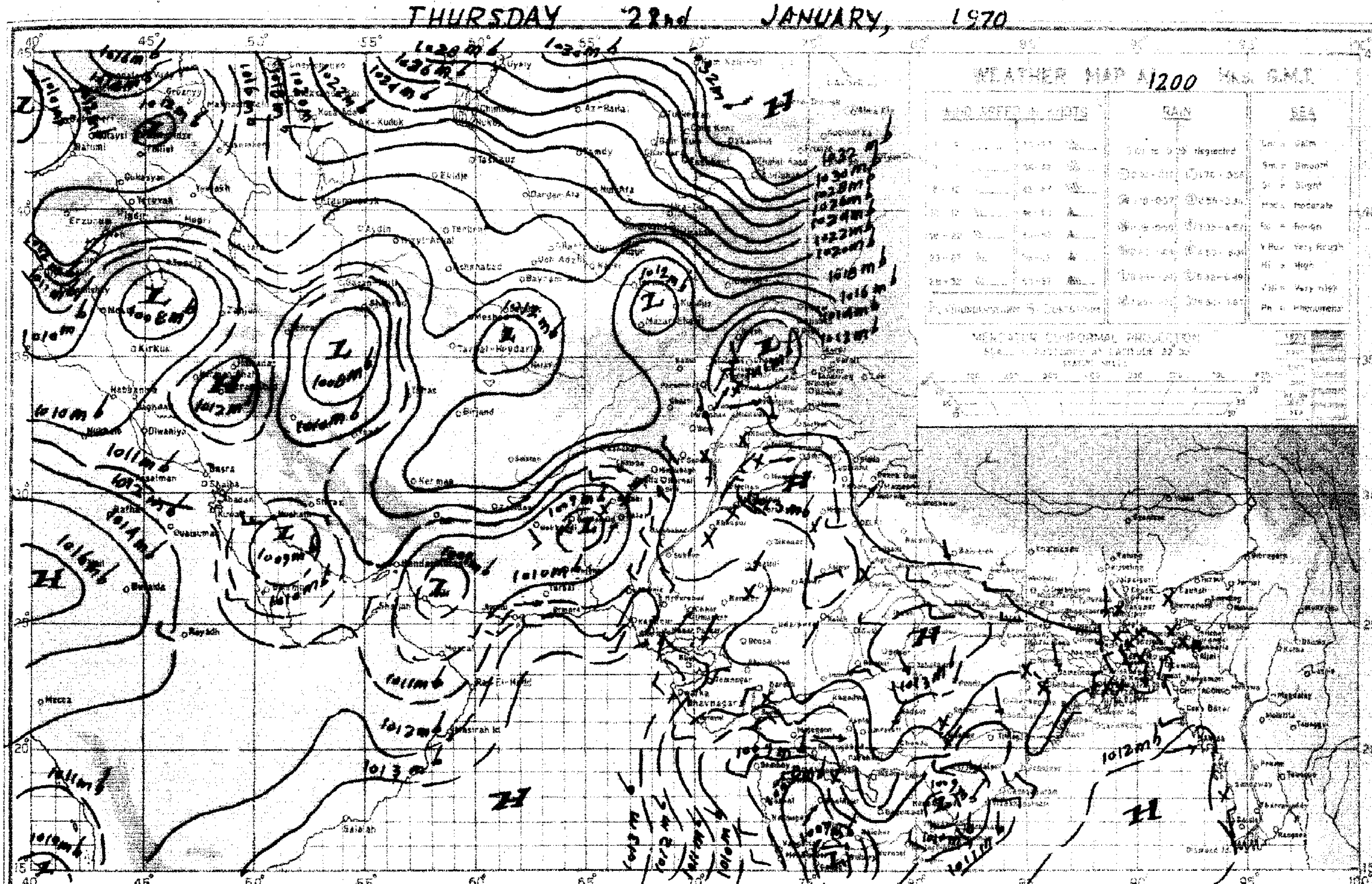
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

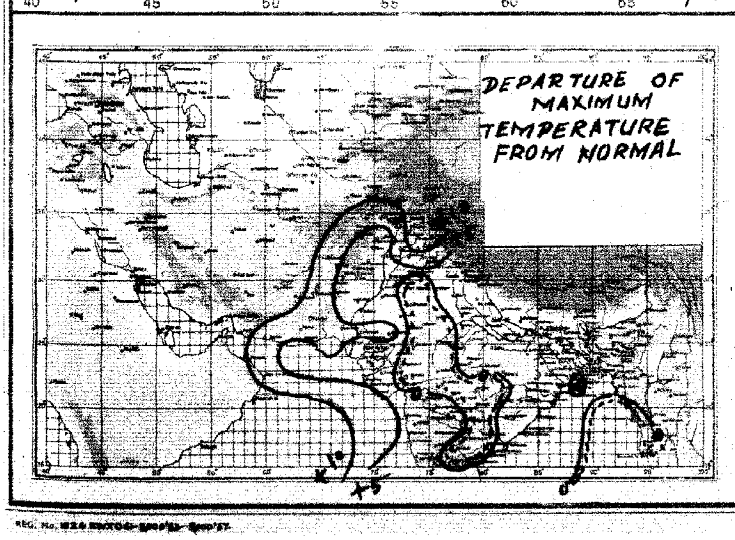
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

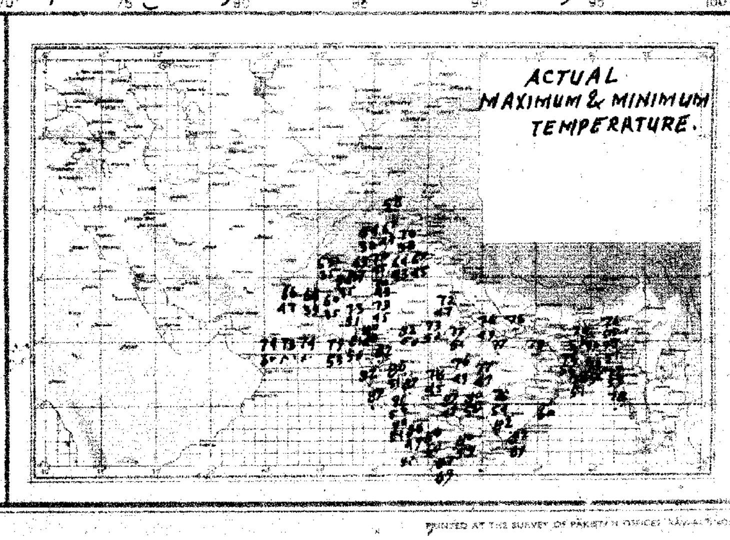
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

THURSDAY 22nd JANUARY, 1970



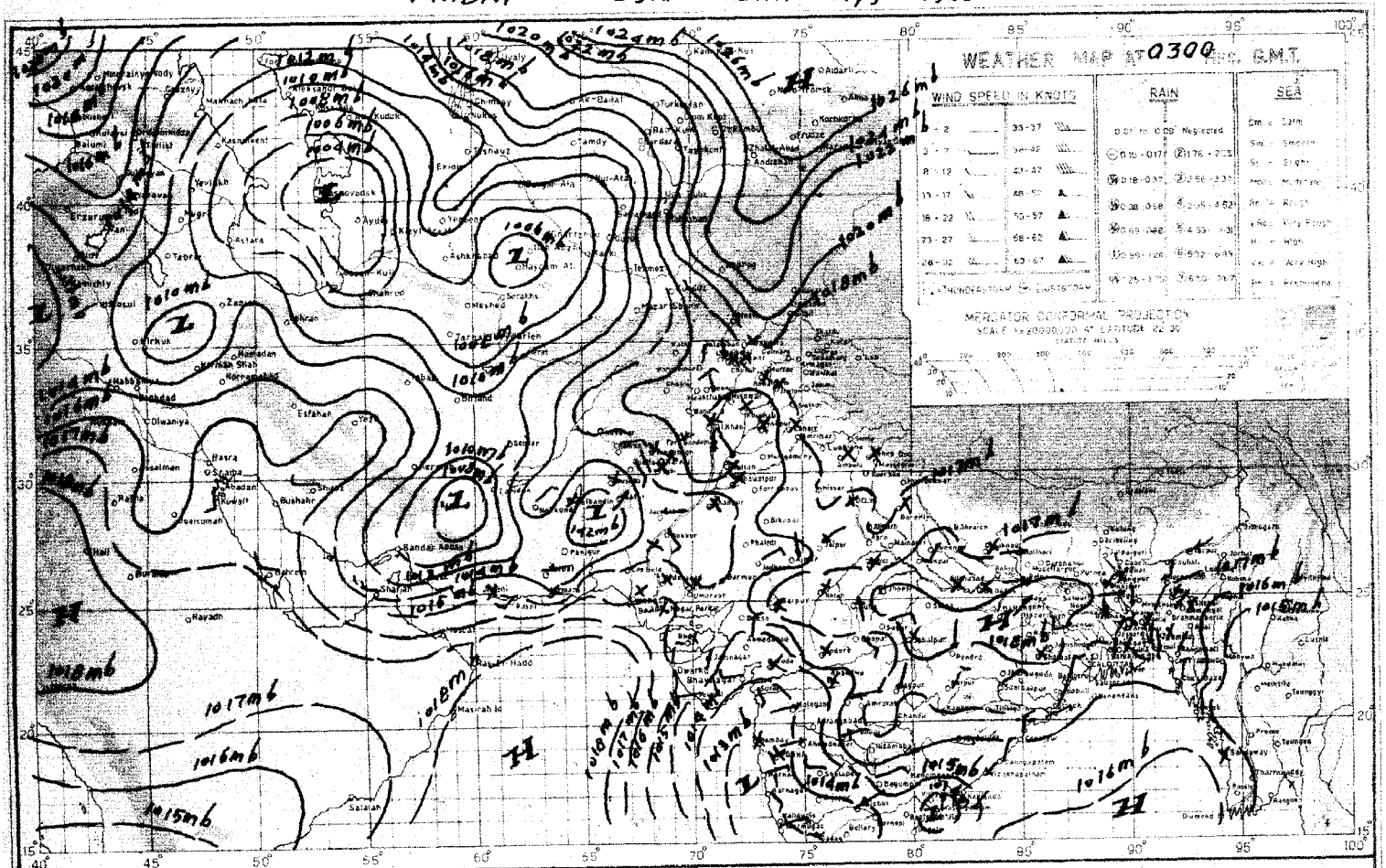



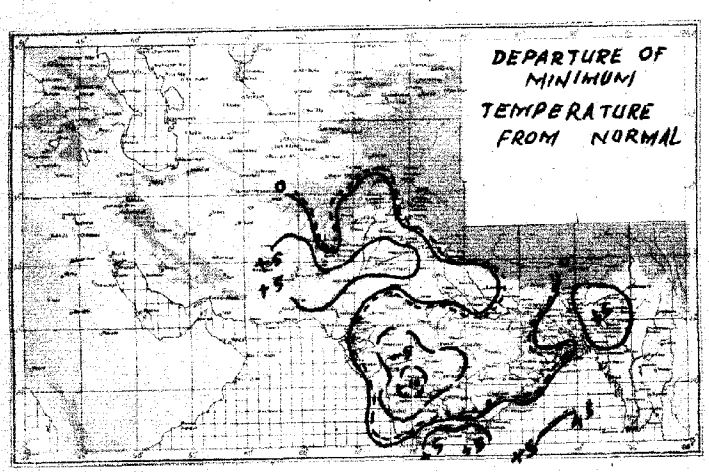



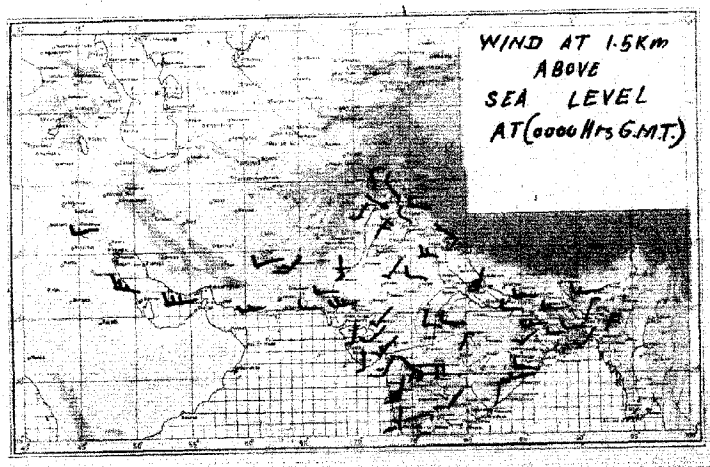

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

FRIDAY 23rd JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SATURDAY THE 24th JANUARY 1970.

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

Yesterday's trough of low pressure over Multan and Lahore divisions became unimportant.

The secondary western disturbance over Kalat division is now moving across western and adjoining central divisions of west Pakistan and has caused a few falls of light rain or drizzle in Peshawar and D. I. Rhan divisions. Weather remained dry over the country.

Night temperatures were 9—11 °F (5—6 °C) above normal in Quetta and Kalat divisions and 3—8 °F (2—4 °C) so elsewhere over west Pakistan outside Rawalpindi and Multan divisions and were 3—4 °F (2 °C) below normal in Chittagong and Khulna divisions.

**Forecast valid until the evening of 25th January 1970** :—Local rain/thundershowers are likely to occur in Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and Kashmir and a few thunderstorms/showers elsewhere in West Pakistan outside Karachi and Hyderabad divisions. Weather is likely to be dry elsewhere in the country.

Karachi-11
The 24th January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| Divisions | Stations | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR | Past weather commenced at † Wt | Total cloud amount N | Wind direction in tens of degrees dd | Wind speed in Knots ff | Horizontal visibility† VV | Present weather † ww | Past weather † W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature ° TT | Amount of Lowest Cloud † Nh | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Maximum temperature °F TxTx | At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR | Past weather commenced at † We | Total cloud amount N | Wind direction in tens of degrees dd | Wind speed in knots ff | Horizontal visibility † VV | Present weather † ww | Past Weather W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature TT | Amounts of Lowest Cloud † h | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Minimum temperature TnTn | Departure from Normal of: Maximum temperature TxTx | Minimum Temperature TnTn | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati — | 000 | 0 | 0 | 31 | 05 | // | 00 | 0 | 136 | 71 | 0 | 0 | 9 | 0 | 0 | 58 | 79 | 000 | 0 | 0 | 27 | 02 | 97 | 40 | 4 | 164 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | — | — | 1.5 | — | 0.0 | — |
| | Cox's Bazar — | 000 | 0 | 0 | 00 | 00 | // | 92 | 0 | 125 | 72 | 0 | 0 | 9 | 0 | 0 | 55 | 80 | 000 | 0 | 1 | 05 | 07 | 96 | 01 | 0 | 146 | 64 | 1 | 0 | 9 | 3 | 0 | 58 | 58 | — 0 | + 1 | 0.7 | — 3.6 | 0.0 | 140 |
| | Chittagong — | 000 | 0 | 0 | 31 | 08 | 96 | 02 | 0 | 131 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 77 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 152 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — 2 | + 1 | 1.3 | — 1.7 | 0.0 | 108 |
| | Maijdee Court — | 000 | 0 | 0 | 00 | 00 | 90 | 05 | 2 | 130 | 75 | 0 | 0 | 9 | 0 | 0 | 72 | // | 000 | 0 | 8 | 00 | 00 | 97 | 00 | 0 | 160 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — 4 | 0.4 | — 1.5 | 0.1 | 115 |
| | Comilla — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 135 | 73 | 0 | 0 | 9 | 0 | 0 | 72 | 76 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 155 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 60 | — 3 | + 7 | 0.5 | — 1.3 | 0.0 | 94 |
| | Brahmanbaria — | 000 | 0 | 2 | 00 | 00 | // | 01 | 1 | 138 | 66 | 2 | 5 | 5 | 0 | 0 | 59 | 77 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 163 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | — | — | 1.7 | + 0.3 | 0.5 | 78 |
| | Sylhet — | 000 | 0 | 1 | 00 | 00 | // | 01 | 4 | 133 | 64 | 1 | 4 | 5 | 0 | 0 | 52 | 73 | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 158 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | — | — | 2.9 | — | 1.4 | — |
| | Srimangal — | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 153 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 45 | — | — 3 | 2.2 | + 0.3 | 0.7 | 98 |
| Dacca | Mymensingh — | 000 | 0 | 2 | 00 | 00 | // | 01 | 1 | 141 | 66 | 2 | 5 | 5 | 0 | 0 | 58 | 72 | .. | .. | .. | ... | ... | ... | ... | .. | ... | .. | .. | .. | | | | ... | .. | — 4 | | | | | 91 |
| | Narayanganj — | 000 | 0 | 0 | 00 | 00 | // | 08 | 0 | 138 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 79 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 160 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 1 | — 1 | 1.7 | + 0.4 | 0.3 | 74 |
| | Dacca (Tejgaon) — | 000 | 0 | 1 | 27 | 02 | 96 | 01 | 0 | 135 | 69 | 1 | 0 | 9 | 4 | 0 | 56 | 75 | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 4 | 151 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 52 | — 5 | — | 1.9 | — | 0.6 | — |
| | Faridpur — | 000 | 0 | 2 | 34 | 06 | 93 | 01 | 1 | 126 | 69 | 2 | 5 | 6 | 8 | 0 | 56 | 71 | 000 | 0 | 2 | 02 | 02 | 97 | 01 | 0 | 168 | 65 | 2 | 0 | 9 | 0 | 8 | 56 | 54 | — 4 | — | 2.3 | + 0.9 | 0.7 | 71 |
| Khulna | Barisal — | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 132 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 74 | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 51 | — | — 4 | 0.9 | — 1.0 | 0.0 | 81 |
| | Khulna — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 134 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 79 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 146 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | 0 | + 4 | 1.3 | — 0.1 | 0.0 | 88 |
| | Satkhira — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 142 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 78 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 164 | 64 | 0 | 0 | 0 | 0 | 0 | 54 | 54 | — 6 | + 1 | 0.2 | — 1.9 | 0.0 | 68 |
| | Jessore — | 000 | 0 | 1 | 36 | 03 | 97 | 02 | 0 | 139 | 68 | 1 | 5 | 5 | 0 | 8 | 58 | 74 | 000 | 0 | 6 | 31 | 05 | 96 | 05 | 4 | 156 | 60 | 5 | 5 | 3 | 0 | 6 | 56 | 52 | — | — | 1.9 | + 0.7 | 0.9 | 65 |
| Rajshahi | Pabna — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 136 | 66 | 0 | 0 | 9 | 0 | 0 | 58 | 74 | 000 | 0 | 4 | 36 | 05 | 99 | 03 | 0 | 161 | 64 | 4 | 0 | 9 | 6 | 0 | 56 | 56 | — | — | 1.1 | — | 1.3 | 89 |
| | Sirajganj — | ... | ... | ... | ... | .. | ... | ... | .. | .. | ... | ... | .. | .. | ... | .. | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 159 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | — | + 2 | 1.8 | + 0.8 | 1.5 | 64 |
| | Rajshahi — | ... | | ... | ... | | | | | | | | | | | | | | 000 | 0 | 1 | 36 | 03 | 97 | 03 | 1 | 171 | 60 | 0 | 0 | 9 | 0 | 3 | 56 | 54 | — | + 2 | 3.7 | + 2.9 | 0.7 | — |
| | Bogra — | 000 | 0 | 2 | 27 | 04 | // | 01 | 0 | 132 | 66 | 0 | 0 | 9 | 3 | 0 | 54 | 74 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 161 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 52 | — 2 | 0 | 1.7 | — 0.7 | 0.5 | 69 |
| | Dinajpur — | 000 | 0 | 0 | 27 | 02 | // | 00 | 0 | 131 | 68 | 0 | 0 | 9 | 0 | 0 | 52 | 74 | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 162 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 50 | — 2 | + 1 | 1.6 | + 0.9 | 0.8 | 73 |
| | Rangpur — | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 113 | 60 | 1 | 0 | 9 | 1 | 0 | 56 | 73 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 156 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | 52 | — 3 | + 2 | 2.2 | — 1.5 | 0.7 | 84 |
| Kashmir | Jammu — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) — | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 4 | 146 | 64 | 2 | 5 | 6 | 7 | 0 | 45 | 66 | 000 | 0 | 2 | 00 | 00 | 95 | 10 | 1 | 147 | 49 | 2 | 0 | 9 | 3 | 0 | 46 | 45 | — 2 | + 4 | 0.4 | — 0.9 | 0.4 | 19 |
| | Sialkot — | 000 | 0 | 0 | 02 | 10 | 97 | 00 | 0 | 123 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 61 | 000 | 0 | 0 | 20 | 10 | 97 | 00 | 0 | 130 | 49 | 0 | 0 | 9 | 0 | 0 | 47 | 47 | — 5 | | | | | 32 |
| Rawalpindi | Jhelum — | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 4 | 146 | 64 | 6 | 0 | 9 | 7 | 1 | 45 | 69 | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 1 | 509 | 70 | 4 | 2 | 9 | 1 | 6 | 42 | 43 | — | — | 0.1 | — | 0.0 | — |
| | Islamabad — | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 0 | /// | 60 | 1 | 2 | 4 | 7 | 2 | 38 | 40 | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | /// | 49 | 2 | 4 | 4 | 5 | 4 | 36 | 45 | — | — | 0.1 | — | 0.1 | — |
| | Rawalpindi — | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 2 | 131 | 60 | 0 | 5 | 6 | 0 | 0 | 41 | 66 | 000 | 0 | 7 | 00 | 00 | 94 | 02 | 2 | 153 | 45 | 5 | 0 | 9 | 6 | 3 | 40 | 41 | + 4 | + 2 | 0.3 | — 2.7 | 0.2 | 36 |
| | Campbellpur — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab — | 000 | 0 | 0 | 00 | 00 | 97 | 09 | 2 | 134 | 60 | 0 | 0 | 5 | 0 | 3 | 54 | 71 | 000 | 0 | 7 | 00 | 00 | 95 | 02 | 0 | 151 | 45 | 0 | 0 | 9 | 0 | 7 | 43 | 45 | + 4 | + 3 | 0.0 | — 1.0 | 0.0 | 15 |
| | Sargodha — | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 145 | 64 | 4 | 0 | 5 | 0 | 0 | 50 | 68 | 000 | 0 | 4 | 00 | 00 | 93 | 10 | 1 | 145 | 42 | 4 | 0 | 9 | 3 | 0 | 42 | 41 | — | — | 0.1 | — | 0.0 | — |
| | Lyallpur — | 000 | 0 | 5 | 31 | 03 | 95 | 02 | 0 | 143 | 63 | 4 | 4 | 8 | 0 | 0 | 45 | 66 | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 130 | 46 | 4 | 3 | 8 | 0 | 0 | 43 | 45 | — 1 | + 4 | 0.0 | — 0.7 | 0.0 | 13 |
| Multan | Sahiwal — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan — | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 131 | 72 | 1 | 0 | 9 | 3 | 0 | 49 | 73 | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 2 | 138 | 49 | 1 | 5 | 6 | 3 | 4 | 45 | 43 | + 5 | 0 | 0.0 | — 0.5 | 0.0 | 7 |
| | Leiah — | 000 | 0 | 0 | 34 | 00 | 94 | 00 | 0 | 134 | 73 | 0 | 0 | 9 | 0 | 0 | 32 | 74 | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | .. | ... | — | | | | | 8 |
| Bahawalpur | Khanpur — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 113 | 77 | 0 | 0 | 9 | 0 | 0 | 52 | 79 | 000 | 1 | 0 | 00 | 00 | 96 | 05 | 0 | 134 | 43 | 1 | 0 | 9 | 3 | 0 | 46 | // | + 6 | — | 0.2 | — 0.1 | 0.0 | 6 |
| | Bahawalpur — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 135 | 73 | 0 | 0 | 9 | 0 | 0 | 45 | 73 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 100 | 54 | 0 | 0 | 9 | 0 | 0 | 46 | 46 | + 2 | + 4 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas — | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | /// | 75 | 2 | 0 | 9 | 0 | 0 | 46 | 75 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | | 8 |
| Malakand | Chakdra — | ... | ... | ... | ... | ... | .. | ... | ... | ... | .. | ... | .. | .. | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 130 | 45 | 0 | 0 | 9 | 2 | 0 | 41 | 38 | — | — | 0.7 | — | 0.3 | — |
| Peshawar | Peshawar — | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 2 | 156 | 58 | 5 | 5 | 7 | 2 | 0 | 43 | 58 | 000 | 0 | 8 | 00 | 00 | 95 | 04 | 2 | 151 | 49 | 3 | 5 | 7 | 2 | 0 | 40 | 40 | — 5 | — 1 | 0.7 | — 1.1 | 0.2 | 11 |
| | Haripur — | 000 | 0 | 0 | 13 | 05 | 98 | 02 | 1 | 146 | 60 | 0 | 0 | 9 | 4 | 1 | 36 | 64 | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | . | ... | ... | .. | ... | ... | ... | — | | | | | — |
| D. I. Khan | Bannu — | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 31 | 02 | 98 | 04 | 2 | 146 | 54 | 7 | 2 | 6 | 0 | 0 | 45 | 43 | — | — | 0.5 | — | 0.0 | 11 |
| | D. I. Khan — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 144 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 66 | 000 | 0 | 7 | 00 | 00 | 95 | 10 | 2 | 145 | 45 | 2 | 1 | 6 | 7 | 0 | 42 | 45 | — 2 | + 1 | 0.1 | — 0.5 | 0.1 | 9 |
| Quetta | Sibi — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 110 | 75 | 0 | 0 | 9 | 0 | 0 | 42 | 76 | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 1 | 145 | 48 | 6 | 2 | 9 | 6 | 2 | 42 | 46 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi — | 000 | 0 | 0 | 08 | 00 | 97 | 02 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 59 | 75 | 000 | 0 | 0 | 31 | 05 | 97 | 01 | 2 | 105 | // | 0 | 0 | 9 | 0 | 0 | 21 | 50 | — | — | 1.4 | — | 1.4 | 3 |
| Kalat | Turbat — | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 131 | 71 | 0 | 0 | 9 | 0 | 0 | 59 | 71 | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 152 | 61 | 0 | 0 | 9 | 6 | 0 | 59 | 57 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani — | 000 | 0 | 0 | 18 | 07 | 96 | 02 | 2 | 123 | 76 | 5 | 6 | 5 | 0 | 0 | 64 | 77 | 000 | 0 | 4 | 27 | 07 | 96 | 01 | 1 | 126 | 67 | 4 | 6 | 5 | 0 | 0 | 59 | 64 | — | — | 7.6 | — | 6.6 | 5 |
| | Pasni — | 000 | 0 | 6 | 25 | 14 | 97 | 02 | 0 | /// | 78 | 3 | 3 | 9 | 0 | 0 | 62 | 78 | 000 | 0 | 6 | 31 | 12 | 96 | 02 | 0 | 104 | 55 | 3 | 0 | 9 | 2 | 0 | // | // | + 4 | — | 2.5 | + 0.3 | 2.5 | 6 |
| Karachi division | Ormara — | 000 | 0 | 1 | 27 | 10 | 96 | 02 | 3 | 133 | 73 | 1 | 0 | 6 | 0 | 0 | 63 | 75 | 000 | 0 | 3 | 00 | 00 | 96 | 06 | 6 | 125 | 65 | 3 | 0 | 6 | 0 | 0 | 30 | // | — | — | 0.7 | — 0.9 | 0.7 | 8 |
| | Lasbela — | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 106 | 85 | 0 | 0 | 0 | 0 | 0 | 65 | 85 | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 129 | 57 | 0 | 0 | 8 | 0 | 0 | 52 | 52 | — | — | 0.0 | | 0.0 | 8 |
| | Karachi (Manora) — | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 121 | 73 | 0 | 0 | 9 | 0 | 0 | 65 | 77 | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 123 | 69 | 2 | 5 | 5 | 0 | 0 | 57 | 64 | + 2 | + 6 | 0.3 | — 0.3 | 0.3 | 8 |
| | Karachi (Airport) — | 000 | 0 | 1 | 25 | 09 | 96 | 01 | 1 | 116 | 73 | 1 | 5 | 5 | 0 | 0 | 56 | 78 | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 129 | 59 | 3 | 5 | 5 | 0 | 1 | 57 | 57 | — | — | 0.1 | — | 0.1 | — |
| Hyderabad | Nagarparkar — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 142 | 77 | 0 | 0 | 0 | 0 | 0 | 79 | 84 | ... | ... | ... | .. | . | ... | ... | | ... | ... | ... | ... | ... | ... | .. | .. | ... | | | | | | — |
| | Chhor — | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 116 | 78 | 0 | 0 | 9 | 0 | 0 | 51 | 79 | ... | ... | ... | ... | ... | ... | ... | 0 | ... | ... | ... | ... | ... | ... | ... | ... | .. | — | | | | | 7 |
| | Hyderabad — | 000 | 0 | 0 | 23 | 03 | 97 | 01 | 0 | 110 | 82 | 0 | 0 | 9 | 0 | 0 | 53 | 84 | 000 | 0 | 0 | 08 | 00 | 95 | 10 | 0 | 128 | 61 | 0 | 0 | 9 | 0 | 0 | 57 | 57 | + 8 | + 6 | 0.1 | — 0.1 | 0.1 | 9 |
| | Badin — | 000 | 0 | 0 | 22 | 02 | 97 | 03 | 0 | 118 | 82 | 0 | 0 | 9 | 0 | 0 | 54 | 84 | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 142 | 62 | 0 | 0 | 9 | 0 | 0 | 57 | 58 | + 6 | + 8 | 0.1 | — 0.3 | 0.1 | — |
| Khairpur | Padidan — | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 100 | 77 | 4 | 6 | 9 | 6 | 7 | 41 | 81 | 000 | 0 | 0 | 34 | 03 | 94 | 02 | 0 | 142 | 49 | 0 | 0 | 9 | 0 | 0 | 46 | 47 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah — | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 112 | 80 | 0 | 0 | 9 | 0 | 0 | 53 | 83 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 169 | // | 0 | 0 | 9 | 0 | 0 | 43 | 59 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur — | 000 | 0 | 0 | 11 | 03 | 96 | 02 | 0 | 109 | 81 | 0 | 0 | 9 | 0 | 0 | 53 | 82 | 000 | 0 | 0 | 16 | 05 | 95 | 05 | 4 | 111 | 57 | 0 | 0 | 9 | 0 | 0 | 49 | 56 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 112 | 63 | 0 | 0 | 9 | 0 | 0 | 29 | 73 | 000 | 0 | 0 | 31 | 02 | 90 | 02 | 0 | 125 | 53 | 0 | 0 | 9 | 0 | 0 | 47 | 51 | + 7 | + 7 | 0.1 | — 0.2 | 0.1 | 20 |
| Junagadh | Veraval — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 |
| | Dras ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Gilgit * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * .. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | — | ... | ... | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 2 | 501 | 40 | 8 | 6 | 6 | 0 | 0 | 32 | 36 | — | + 4 | 0.7 | — | 0.1 | 29 |
| Peshawar | Cherat * ... | 000 | 0 | 8 | 05 | 03 | 97 | 03 | 2 | 495 | 49 | 0 | 0 | 9 | 6 | 0 | 55 | 56 | 005 | 0 | 9 | 00 | 00 | 96 | 63 | 6 | 492 | 45 | 8 | 7 | 6 | 0 | 0 | 36 | 41 | + 7 | + 3 | 0.7 | — 2.8 | 0.1 | — |
| | Kakul * ... | 000 | 0 | 7 | 00 | 00 | 98 | 02 | 2 | 495 | 52 | 3 | 5 | 6 | 2 | 0 | 33 | 58 | 000 | 0 | 7 | 00 | 00 | 40 | 03 | 2 | 481 | 46 | 3 | 5 | 6 | 4 | 0 | 32 | 42 | — | — | 1.5 | — | 0.4 | — |
| | Landikotal * ... | 000 | 0 | 9 | 05 | 05 | 98 | 04 | 0 | 426 | 56 | 4 | 3 | 9 | 0 | 0 | 41 | 56 | 000 | 0 | 0 | 31 | 05 | 98 | 01 | 0 | 614 | 55 | 0 | 0 | 9 | 0 | 0 | 24 | 32 | — | — | 0.7 | — | 0.1 | 29 |
| | Parachinar * ... | 000 | 0 | 8 | 16 | 03 | 97 | 02 | 2 | 496 | 45 | 5 | 5 | 6 | 2 | 0 | 25 | 47 | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 490 | 34 | 6 | 4 | 9 | 0 | / | 34 | 34 | — 1 | — 1 | 0.9 | — | 0.2 | 13 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 533 | 60 | 8 | 0 | 9 | 0 | 0 | 31 | 60 | .. | . | .. | .. | ... | .. | .. | ... | .. | .. | | .. | .. | .. | .. | | ... | — | | | | | 11 |
| | Wana * ... | 000 | 0 | 8 | 13 | 02 | 98 | 50 | 2 | 500 | 5? | 8 | 2 | 8 | 0 | 0 | 40 | 50 | 050 | 0 | 0 | 30 | 14 | 97 | 50 | 5 | 473 | 44 | 8 | 2 | 9 | 0 | 0 | 36 | 34 | — | — | | | | 13 |
| Quetta | Fort Sandeman * ... | 003 | 0 | 5 | 05 | 07 | 97 | 01 | 2 | 477 | 53 | 3 | 4 | 7 | 3 | 0 | 30 | 58 | 030 | 0 | 8 | 05 | 01 | 97 | 03 | 2 | 572 | 38 | 5 | 5 | 7 | 3 | 0 | 30 | 37 | + 2 | + 6 | 0.3 | — 0.9 | 0.2 | — |
| | Hindubagh * ... | 000 | 0 | 7 | 23 | 13 | 97 | 03 | 0 | /// | // | 7 | 2 | 4 | 0 | 0 | 21 | 40 | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | /// | 26 | 8 | 2 | 6 | 0 | 0 | 23 | 18 | — | — 1 | 0.7 | — | 0.6 | 9 |
| | Loralai * .. | 000 | 0 | 0 | 18 | 05 | 98 | 00 | 0 | 451 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 60 | 000 | 0 | 8 | 18 | 03 | 97 | 01 | 0 | 550 | // | 0 | 1 | 9 | 0 | 0 | 35 | 33 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan * . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 466 | 65 | 0 | 0 | 9 | 0 | 0 | 29 | 68 | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 445 | 53 | 0 | 6 | 7 | 0 | 0 | 38 | 49 | — | — | 0.0 | — 1.6 | 0.0 | 9 |
| | Samungli (Quetta) * ... | 000 | 0 | 6 | 27 | 18 | 98 | 01 | 1 | 467 | 58 | 2 | 6 | 9 | 3 | 0 | 56 | 60 | 000 | 0 | 4 | 18 | 05 | 96 | 01 | 2 | 453 | 46 | 4 | 3 | 6 | 1 | 0 | 35 | 40 | + 11 | + 9 | 1.4 | — 1.1 | 0.8 | 9 |
| | Chaman * ... | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 478 | 57 | 0 | 9 | 9 | 0 | 0 | 29 | 61 | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 495 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | + 8 | + 1 | 6.3 | + 3.5 | 6.3 | — |
| | Nushki * ... | 000 | 0 | 2 | 23 | 03 | 97 | 02 | 0 | 509 | 58 | 0 | 0 | 9 | 0 | 2 | 54 | 60 | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 487 | 53 | 0 | 0 | 9 | 0 | 2 | 43 | 53 | — | — | 1.5 | — | 1.2 | 4 |
| | Dalbandin * ... | 000 | 0 | 4 | 23 | 05 | 98 | 03 | 0 | 476 | 70 | 0 | 0 | 9 | 3 | 0 | 37 | 72 | 000 | 0 | 1 | 00 | 00 | 98 | 03 | 0 | 444 | 50 | 1 | 0 | 9 | 3 | 0 | 45 | 44 | + 10 | + 11 | 1.3 | 0.0 | 1.3 | 7 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 456 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 65 | 000 | 0 | 0 | 23 | 02 | 58 | 00 | 2 | 500 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 36 | + 15 | + 9 | 0.8 | — 1.3 | 0.8 | — |
| | Khuzdar * ... | 000 | 0 | 2 | 23 | 02 | 97 | 02 | 0 | 464 | 48 | 2 | 5 | 6 | 0 | 0 | 35 | 67 | 000 | 0 | 0 | 03 | 00 | 96 | 03 | 0 | 459 | 57 | 3 | 5 | 6 | 0 | 0 | 41 | // | — | — | 1.0 | — | 0.7 | 8 |
| | Panjgur * ... | 000 | 0 | 2 | 23 | 07 | 96 | 03 | | 478 | 65 | 2 | 5 | 7 | 0 | 0 | 46 | 67 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 24th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGG$i_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Schonuid ... ... | 99 0 05 | 10 6 20 | 23 0 43 | 20 0 00 | 98 0 21 | 18 1 23 | 11 5 80 | 54 2 11 | | | ... | | 30 8 00 | |
| Schoenseis ... ... | 99 1 68 | 10 6 29 | 23 1 23 | 12 8 01 | 99 0 20 | 14 0 25 | 11 6 00 | 54 7 06 | | | 05 4 16 | | 30 0 00 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 010 138 25 | ... | 450 056 47 | 066 012 47 | 571 141 40 | 743 225 50 | 949 343 60 | 222 547 // | 400 701 // | 632 929 // | ... | — | — |
| Dacca ... | 00 00 | 012 160 50 | ... | 440 104 63 | 078 044 63 | 576 087 66 | 748 207 66 | 953 326 76 | 228 513 // | 409 689 // | — | ... | — | — |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 009 190 30 | ... | 480 030 47 | 994 081 // | 852 255 // | 791 305 // | 913 405 // | 813 507 // | — | ... | ... | — | ... |
| Multan ... | 00 00 | 999 080 20 | ... | 440 104 63 | 052 000 66 | 561 215 // | 723 315 // | 921 451 // | 013 545 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 972 094 53 | ... | 450 086 57 | 835 021 57 | 563 163 42 | 729 235 // | 945 339 // | 022 479 // | ... | — | ... | ... | ... |
| Quetta ... | 00 00 | 815 070 57 | ... | ... | 025 053 // | ... | ... | ... | ... | ... | — | ... | — | — |
| Sargodha ... | 00 00 | 992 100 57 | ... | 500 064 45 | 049 025 35 | 563 205 // | 725 311 // | 925 425 // | 193 511 // | ... | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 094 42 | 800 070 56 | 600 045 49 | 350 277 56 | ... | ... | ... | ... | ... | ... | — | — |
| Dacca ... | 00 00 | 500 130 62 | 800 076 66 | 600 015 61 | 350 253 65 | 250 804 05 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | 600 215 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 270 05 | 280 11 | 290 11 | 305 13 | 320 12 | 345 30 | ... | — | ... |
| Bogra ... | 290 07 | 280 24 | 290 04 | 320 08 | | — | ... | ... | — |
| Chaklala ... | ... | 345 03 | 315 03 | 325 02 | 330 02 | 275 05 | 265 05 | ... | ... |
| Chhor ... | 205 16 | 205 23 | 200 22 | 235 16 | 235 25 | 255 15 | 165 11 | 345 12 | 295 08 |
| Chittagong ... | 315 10 | 315 22 | 350 09 | 005 07 | 351 01 | 285 12 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Cox's Bazar ... | 355 16 | 355 13 | 360 11 | 040 10 | 055 09 | 350 13 | ... | ... | ... |
| Dacca ... | 295 01 | 295 06 | 298 11 | 300 14 | 300 18 | 290 19 | ... | — | ... |
| Dalbandin ... | ... | | 230 07 | 220 12 | 225 12 | 255 08 | 265 57 | | ... |
| D. I. Khan ... | 045 04 | 055 07 | 085 05 | 040 04 | 015 05 | 330 50 | 345 06 | 270 28 | 265 28 |
| Drosh ... | — | ... | — | 225 02 | 280 02 | 190 16 | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 010 10 | 010 05 | 240 16 | 270 39 | ... | ... |
| Gilgit ... | ... | ... | ... | 295 06 | 170 02 | ... | — | ... | ... |
| Ishurdi ... | 285 11 | 295 12 | 305 13 | 305 12 | 300 25 | 295 27 | ... | ... | ... |
| Jacobabad ... | 115 02 | 125 04 | 160 05 | 220 12 | 255 14 | 275 25 | 265 44 | 280 43 | ... |
| Jessore ... | 335 07 | 335 07 | 325 07 | 285 06 | 280 13 | 300 29 | ... | ... | ... |
| Jhelum ... | 260 02 | 230 02 | 295 02 | 355 02 | 295 01 | 250 07 | — | ... | ... |
| Jiwani ... | 225 04 | 230 15 | 235 09 | 225 02 | 255 12 | 230 13 | ... | ... | ... |
| Karachi ... | 265 06 | 265 10 | 290 12 | 275 10 | 240 10 | 290 21 | 275 26 | 265 35 | 270 35 |
| Khanpur ... | 240 10 | 225 09 | 225 12 | 210 14 | 205 19 | 220 19 | 275 37 | 275 48 | 280 44 |
| Khuzdar ... | ... | | ... | ... | | ... | ... | ... | ... |
| Lahore ... | 060 03 | 055 03 | 055 09 | 270 06 | 270 19 | 305 07 | 265 08 | 275 23 | 275 34 |
| Multan ... | 055 07 | 075 05 | 090 03 | 230 15 | 235 16 | 255 25 | 270 39 | 270 50 | 270 56 |
| Nawab Shah ... | 200 08 | 235 04 | 255 07 | 285 12 | 255 19 | 280 19 | 300 27 | 315 40 | 330 49 |
| Nokkundi ... | | ... | 150 04 | 240 03 | 265 30 | 260 35 | 265 11 | 295 34 | 310 31 |
| Panjgur ... | ... | ... | ... | 235 15 | 265 20 | 300 15 | 290 23 | 295 27 | ... |
| Peshawar ... | ... | 015 25 | 045 04 | 110 06 | 185 08 | 235 09 | ... | ... | ... |
| Parachinar ... | ... | ... | ... | 065 03 | 125 40 | — | ... | ... | ... |
| Quetta ... | ... | | | ... | 275 08 | ... | ... | ... | ... |
| Sargodha ... | 120 22 | 275 03 | 275 56 | 035 01 | 230 11 | ... | ... | ... | ... |
| Skardu ... | | ... | ... | 235 02 | 155 82 | ... | ... | ... | ... |
| Sylhet ... | 265 08 | 265 08 | 260 05 | 150 04 | 085 04 | 315 17 | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | — | ... | ... | ... |

| Height in Kms. a.s.l. → | At 0000 hrs. G.M.T. † of date (dd fff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 300 13 | 345 13 | 320 15 | 310 17 | 295 17 | 270 21 |
| Bogra ... | ... | ... | — | ... | ... | ... |
| Chaklala ... | | 205 05 | 185 03 | 135 07 | 100 12 | 335 90 |
| Chhor ... | 240 17 | 240 35 | 235 22 | 250 15 | 185 23 | 240 24 |
| Chittagong ... | ... | — | — | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 015 19 | 005 12 | 335 21 | 225 23 | 315 24 | ... |
| Dacca ... | 315 07 | 315 08 | 295 10 | ... | ... | ... |
| Dalbandin ... | ... | ... | 180 04 | 235 02 | 235 10 | 270 13 |
| D. I. Khan ... | 035 04 | 040 03 | 065 03 | 180 03 | 245 10 | ... |
| Drosh ... | ... | — | — | 085 17 | 030 17 | 085 10 |
| Fort Sandeman ... | ... | ... | ... | 035 09 | 040 03 | 025 17 |
| Gilgit ... | ... | ... | ... | 015 06 | 040 06 | ... |
| Ishurdi ... | 355 08 | 345 05 | 310 09 | 285 21 | 295 21 | ... |
| Jacobabad ... | 100 08 | 105 07 | 145 05 | 190 04 | 185 09 | 170 15 |
| Jessore ... | 050 71 | 070 04 | 355 04 | 285 19 | 285 23 | 325 18 |
| Jhelum ... | 270 05 | 305 04 | 005 04 | 040 03 | 020 03 | 020 06 |
| Jiwani ... | 250 18 | 260 17 | 265 15 | ... | ... | — |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 030 13 | 040 14 | 065 12 | 105 06 | 170 07 | ... |
| Khuzdar ... | 245 07 | 315 09 | 310 58 | 225 06 | 275 18 | ... |
| Lahore ... | 060 06 | 030 04 | 020 03 | 275 01 | 265 06 | 265 10 |
| Multan ... | 055 09 | 080 07 | 160 05 | 125 07 | 155 14 | 235 16 |
| Nawab Shah ... | 295 12 | 275 13 | 245 12 | 250 10 | 250 17 | 255 28 |
| Nokkundi ... | ... | — | 245 08 | 260 09 | 275 11 | 290 16 |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 280 01 | 355 01 | 100 06 | 180 06 | 190 05 |
| Parachinar ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 225 01 | 070 01 | 075 01 | 220 03 | 210 06 | 235 06 |
| Skardu ... | ... | ... | ... | 250 02 | 095 02 | 260 02 |
| Sylhet ... | 105 09 | 105 03 | 135 03 | 035 02 | 225 03 | 280 03 |
| Veraval ... | ... | ... | ... | ... | ... | — |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd fff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 130 08 | 125 10 | 125 10 | 090 28 | 100 20 | 080 39 | 085 45 | ... | — | — | ... |
| Bogra ... | 280 04 | 295 05 | 295 06 | 305 07 | 310 10 | ... | — | ... | ... | ... | ... |
| Chaklala ... | ... | 300 04 | 290 04 | 245 03 | 220 03 | ... | — | ... | ... | ... | ... |
| Chhor ... | 240 11 | 250 17 | ... | 240 24 | ... | ... | ... | — | ... | ... | ... |
| Chittagong ... | 320 09 | 320 07 | 350 12 | 275 27 | ... | ... | ... | — | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 315 08 | 330 06 | 325 13 | 305 17 | 305 20 | 300 24 | 285 44 | 280 41 | 295 47 | 295 68 | 280 70 |
| Dalbandin ... | ... | ... | 245 08 | 265 15 | 305 17 | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 220 04 | 205 03 | 100 40 | 150 05 | 145 06 | 140 18 | ... | ... | ... | ... | ... |
| Drosh ... | ... | — | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 315 07 | 215 11 | 195 23 | ... | ... | — | ... | ... |
| Gilgit ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 315 06 | 315 06 | 295 12 | 290 12 | 225 21 | 275 31 | ... | ... | ... | ... | ... |
| Jacobabad ... | 090 12 | 115 08 | 145 04 | 200 06 | 210 12 | 250 29 | 240 74 | 260 29 | 260 87 | ... | ... |
| Jessore ... | 160 07 | 355 06 | 290 10 | 285 18 | 285 23 | — | ... | — | ... | ... | ... |
| Jhelum ... | 330 01 | 250 01 | 305 01 | 155 03 | 150 12 | 150 09 | 185 20 | 220 26 | 244 53 | ... | ... |
| Jiwani ... | 290 28 | 285 29 | 270 28 | 255 33 | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 255 10 | 255 11 | 280 13 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 025 17 | 030 18 | 065 15 | 065 13 | 145 18 | 185 17 | 190 17 | 195 27 | 195 57 | 215 69 | 205 68 |
| Khuzdar ... | ... | ... | ... | 240 06 | 240 14 | ... | ... | ... | ... | ... | ... |
| Lahore ... | 130 04 | 140 06 | 170 05 | 195 07 | 240 12 | 260 11 | 220 10 | 180 14 | 190 17 | 240 37 | 250 38 |
| Multan ... | 035 07 | 090 10 | 150 12 | 195 16 | 205 18 | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 260 08 | 250 13 | 255 17 | 270 23 | 260 27 | 250 33 | 255 49 | 255 69 | ... | ... | ... |
| Nokkundi ... | ... | — | 325 10 | 315 06 | 290 14 | 310 06 | 270 35 | 285 27 | 275 47 | ... | — |
| Panjgur ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | — |
| Peshawar ... | ... | 110 12 | 090 08 | 035 08 | 050 08 | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 160 15 | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 095 02 | 130 03 | 150 05 | 200 09 | 210 10 | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | 125 09 | 165 03 | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 100 14 | 100 04 | 140 04 | 325 04 | 310 06 | 320 16 | 300 23 | 295 30 | 335 40 | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 265 05 | 265 17 | 265 17 | 265 24 | 265 27 | 255 19 | 255 58 | 255 54 | 235 57 | 250 81 | 265 83 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

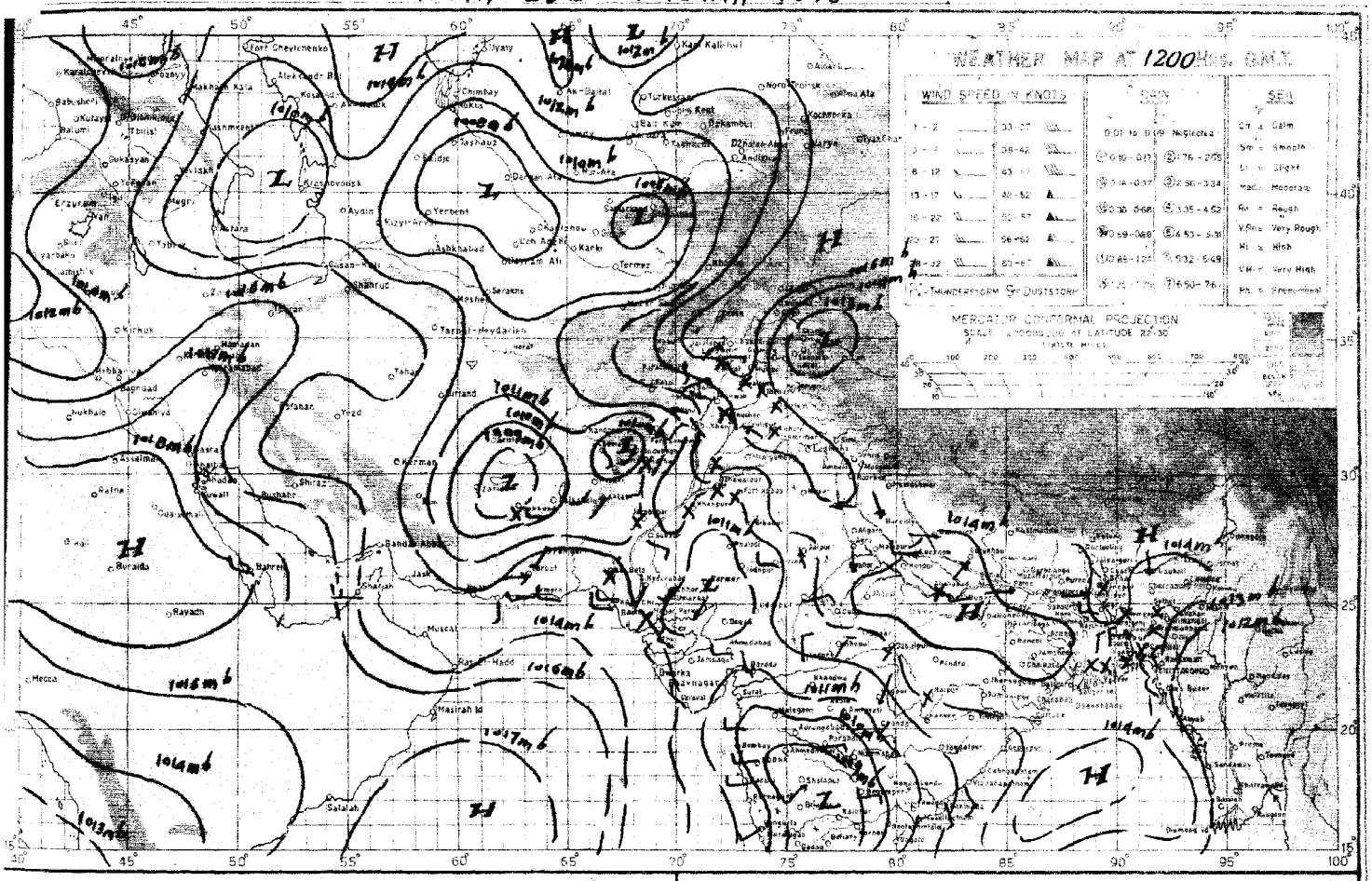
† The actual time of observations may vary within half an hour of the specified time.

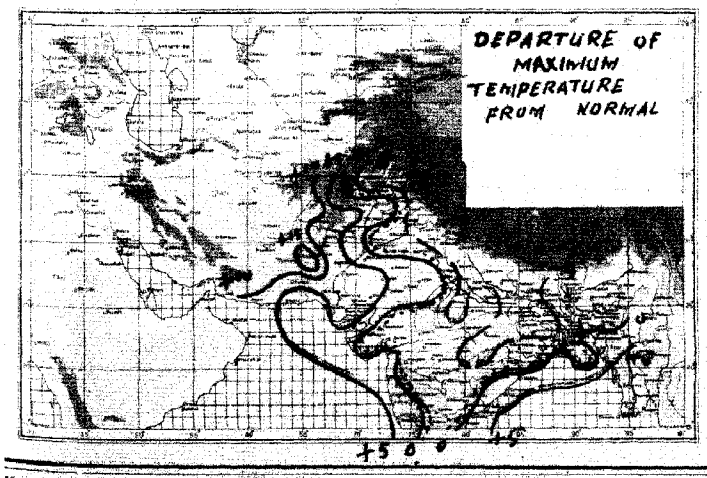
*. The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

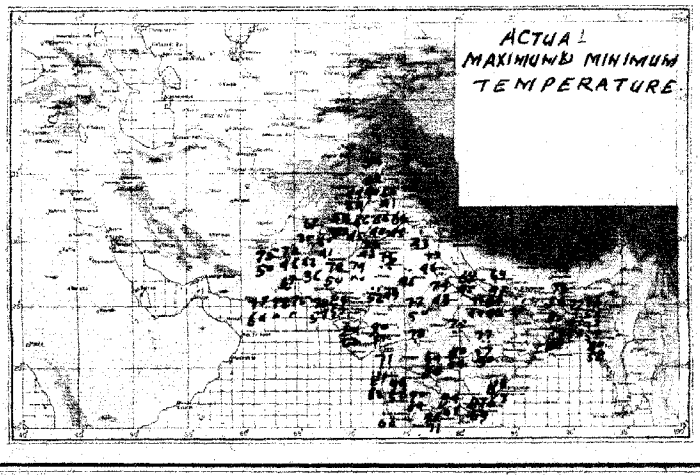
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

FRIDAY 23RD JANUARY, 1970



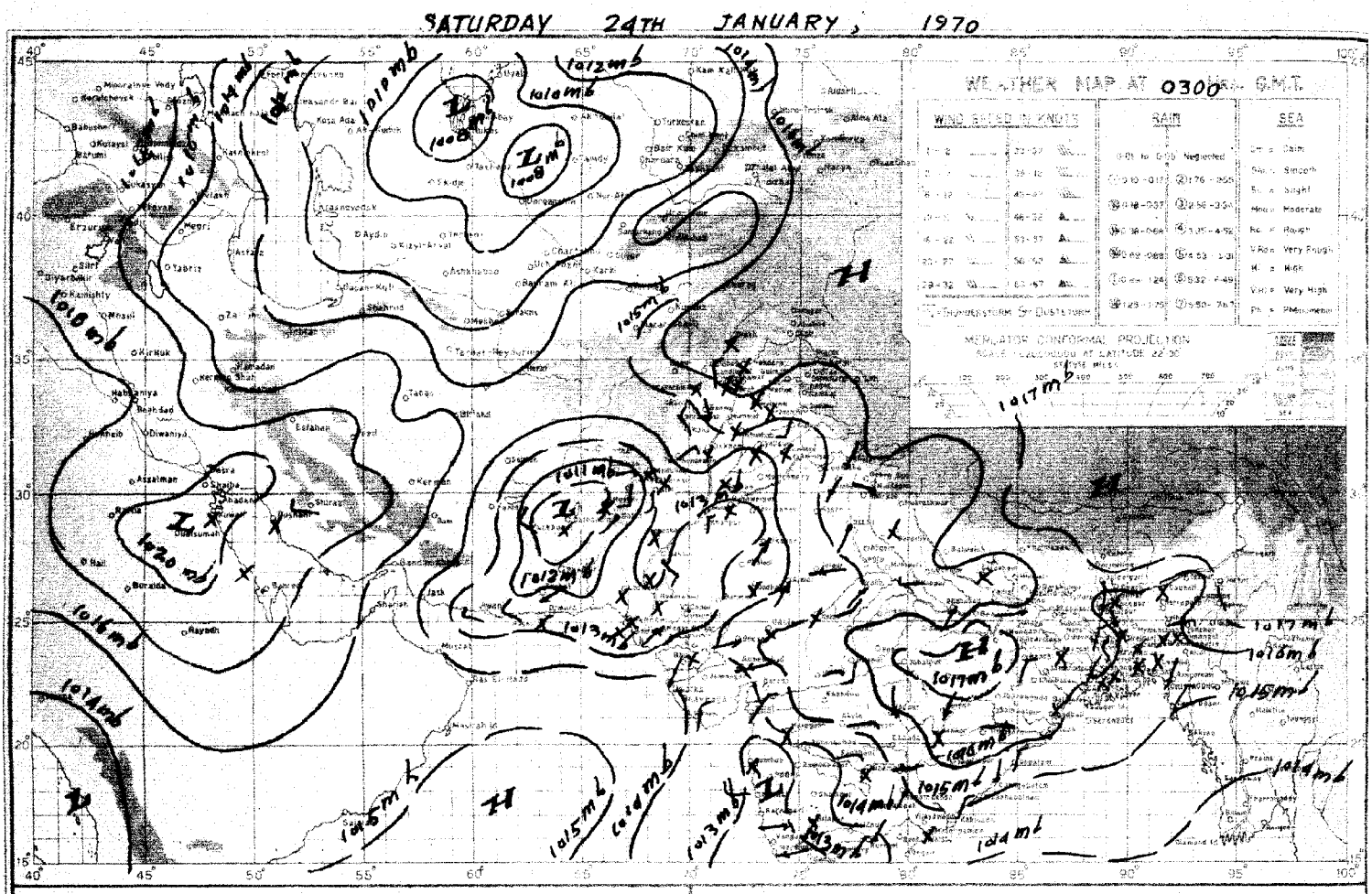



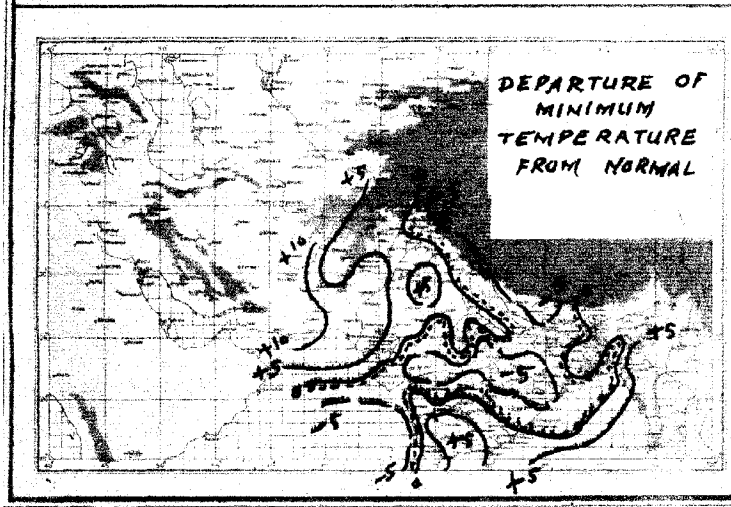



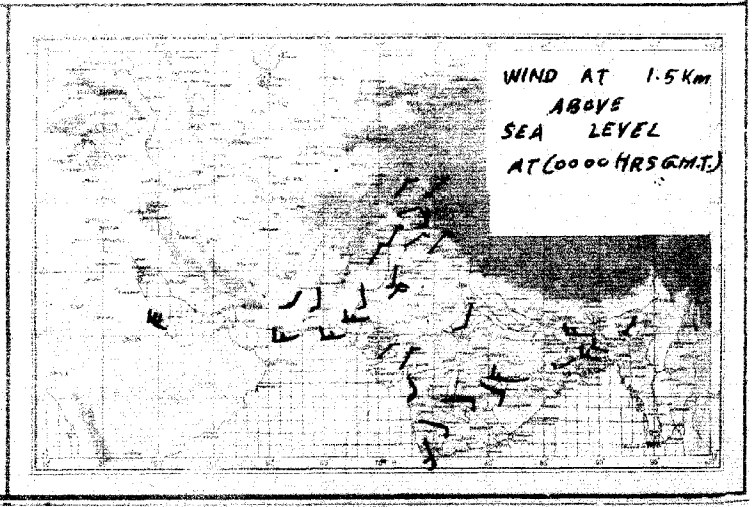

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SATURDAY 24TH JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SUNDAY THE 25th JANUARY 1970.**

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

Yesterday's secondary western disturbance is moving across Lahore and Multan divisions with its associated trough extending to Rajasthan. It has caused widespread rain/thundershowers in Sargadha and Malakand divisions, fairly widespread in Rawalpindi, Peshawar and D. I. Khan divisions, local in Quetta division and a few thunderstorm/showers in Lahore, Multan, Bahawalpur and Karachi divisions.

Dry continental air prevails over East Pakistan where weather remained dry.

Chief amounts of rainfall are :—Islamabad 5", Rawalpindi 2", Kakul 1½", Sialkot, Jhelum, Chakdara and D. I. Khan 1" each, Cherat ¾", Khairpur, Drosh, Parachinar, Wana and Quetta ½" each and Khushab, Sargodha, Lyallpur, Peshawar, Fort Sandeman, Hindubagh, Harani (upto 1200 G.M.T.) and Nushki ¼".

Night temperatures were 6—11 °F (3—6 °C) above normal in Lahore, Bahawalpur, Karachi and Hyderabad divisions and 3—5 °F (2—3 °C) so elsewhere over the country outside Multan and D. I. Khan divisions and East Pakistan.

**Forecast valid until the evening of 26th January 1970** :—Local rain/snow may fall over the hills of Malakand, Peshawar, Rawalpindi divisions and Kashmir and a few thunderstorms/showers may occur in Sargodha, Lahore and Multan divisions. Weather is likely to be dry elsewhere the country.

Karachi-11
The 25th January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wz (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 36 | 02 | // | 01 | 0 | 131 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 74 |
| | Cox's Bazar | 000 | 0 | 0 | 35 | 02 | // | 02 | 0 | 127 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| | Chittagong | 000 | 0 | 0 | 31 | 06 | // | 02 | 0 | 129 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 75 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 118 | 68 | 0 | 0 | 9 | 0 | 0 | 55 | 74 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 127 | 73 | 0 | 0 | 9 | 0 | 0 | 70 | 76 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 129 | 70 | 0 | 0 | 9 | 0 | 0 | 62 | 74 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 123 | 67 | 0 | 0 | 9 | 0 | 0 | 52 | 74 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 137 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 74 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 130 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 74 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 128 | 70 | 0 | 0 | 9 | 0 | 0 | 55 | 78 |
| | Dacca (Tejgaon) | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 131 | 68 | 2 | 2 | 6 | 0 | 0 | 51 | 73 |
| | Faridpur | 000 | 0 | 2 | 34 | 02 | 93 | 01 | 1 | 119 | 67 | 2 | 5 | 6 | 0 | 0 | 34 | 72 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 95 | 01 | 2 | 131 | 70 | 0 | 0 | 9 | 0 | 0 | 50 | 74 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 134 | 70 | 0 | 0 | 9 | 0 | 0 | 64 | 78 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 144 | 70 | 0 | 0 | 9 | 0 | 0 | 62 | 74 |
| | Jessore | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 129 | 62 | 1 | 5 | 5 | 0 | 0 | 62 | 74 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 132 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 73 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 02 | 2 | 131 | 70 | 6 | 0 | 7 | 6 | 0 | 52 | 70 |
| | Rajshahi | 000 | 0 | 2 | 00 | 00 | 95 | 01 | 1 | 131 | 65 | 0 | 0 | 9 | 3 | 0 | 55 | 73 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | // | 01 | 1 | 133 | 65 | 1 | 0 | 9 | 7 | 0 | 51 | 71 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 127 | 65 | 0 | 0 | 9 | 0 | 0 | 52 | 73 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 112 | 59 | 0 | 0 | 9 | 0 | 0 | 52 | 74 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 5 | 09 | 02 | 96 | 48 | 0 | 102 | 46 | 3 | 9 | 6 | 4 | 0 | 49 | 71 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 003 | 3 | 8 | 03 | 03 | 96 | 21 | 6 | 106 | 42 | 5 | 5 | 6 | 2 | 1 | 50 | 62 |
| | Islamabad | 008 | 1 | 8 | 05 | 03 | 96 | 21 | 6 | /// | 58 | 1 | 2 | 4 | 5 | 9 | 48 | 50 |
| | Rawalpindi | 001 | 0 | 8 | 00 | 00 | 98 | 20 | 5 | 120 | 50 | 8 | 4 | 6 | 0 | 0 | 49 | 72 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 5 | /// | 58 | 5 | 0 | 9 | 0 | 0 | 52 | 62 |
| | Sargodha | 000 | 0 | 7 | 05 | 07 | 97 | 21 | 6 | 099 | 59 | 4 | 5 | 6 | 2 | 0 | 49 | 63 |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 95 | 02 | 0 | 080 | 64 | 4 | 3 | 8 | 0 | 0 | 49 | 65 |
| Multan | Sahiwal | 080 | 8 | 1 | 00 | 00 | 97 | 02 | 0 | /// | 72 | 1 | 0 | 9 | 3 | 0 | 45 | 73 |
| | Multan | 000 | 0 | 4 | 36 | 02 | 94 | 01 | 2 | 134 | 74 | 0 | 0 | 9 | 0 | 0 | 48 | 74 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur | 000 | 0 | 0 | 11 | 02 | 98 | 00 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 50 | 77 |
| | Fort Abbas | | | | | | | | | | | | | | | | | |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | 003 | 5 | 8 | 27 | 03 | 96 | 50 | 6 | 123 | 51 | 1 | 4 | 5 | 7 | 2 | 49 | 52 |
| | Haripur | 003 | 8 | 8 | 36 | 02 | 97 | 62 | 6 | 136 | 55 | 8 | 0 | 9 | 7 | 8 | 38 | 62 |
| D. I. Khan | Bannu | 010 | 1 | 8 | 31 | 04 | 98 | 61 | 6 | 117 | 50 | 8 | 2 | 4 | 0 | 0 | 48 | 52 |
| | D. I. Khan | 000 | 0 | 0 | 05 | 04 | 97 | 02 | 8 | 099 | 62 | 8 | 0 | 9 | 0 | 0 | 49 | 66 |
| Quetta | Sibi | 000 | 0 | 8 | 36 | 02 | 97 | 03 | 1 | /// | 60 | 6 | 1 | 9 | 6 | 0 | 41 | 60 |
| | Nokkundi | 000 | 0 | 0 | 36 | 10 | 96 | 02 | 0 | 083 | 66 | 0 | 8 | 9 | 0 | 0 | 34 | 68 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 03 | 96 | 00 | 0 | 127 | 75 | 0 | 0 | 9 | 0 | 0 | 47 | 75 |
| | Jiwani | 000 | 0 | 1 | 27 | 17 | 98 | 07 | 0 | 180 | 73 | 1 | 1 | 6 | 0 | 0 | 51 | 75 |
| | Pasni | 000 | 0 | 0 | 25 | 16 | 95 | 00 | 7 | 087 | 74 | 0 | 0 | 0 | 0 | 0 | 57 | 76 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 16 | 96 | 00 | 2 | 099 | 73 | 1 | 8 | 6 | 8 | 0 | 61 | 75 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Manora) | 000 | 8 | 3 | 32 | 07 | 97 | 02 | 0 | 092 | 75 | 3 | 5 | 5 | 0 | 0 | 68 | 79 |
| | Karachi (Airport) | 000 | 8 | 5 | 33 | 16 | 96 | 03 | 1 | 094 | 76 | 5 | 5 | 5 | 0 | 0 | 59 | 79 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 142 | 77 | 0 | 0 | 0 | 0 | 0 | 77 | 64 |
| | Chhor | 000 | 0 | 8 | 23 | 07 | 96 | 03 | 0 | 082 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 83 |
| | Hyderabad | 000 | 0 | 2 | 23 | 12 | 96 | 06 | 0 | 083 | 81 | 2 | 5 | 5 | 0 | 0 | 53 | 84 |
| | Badin | 000 | 0 | 0 | 23 | 08 | 97 | 03 | 0 | 092 | 83 | 0 | 0 | 9 | 0 | 0 | 54 | 85 |
| Khairpur | Padidan | 000 | 0 | 2 | 18 | 09 | 96 | 03 | 0 | 064 | 79 | 2 | 4 | 9 | 0 | 0 | 49 | 79 |
| | Nawabshah | 000 | 0 | 7 | 25 | 07 | 96 | 03 | 2 | 079 | 78 | 4 | 5 | 9 | 2 | 0 | 51 | 83 |
| | Sukkur | 000 | 6 | 0 | 00 | 00 | 96 | 02 | 0 | 071 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 77 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 13 | 07 | 97 | 02 | 0 | 046 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | ... | | | | | | | | | | | | | | | | |
| | Gulmarg ** | ... | | | | | | | | | | | | | | | | |
| | Sonamarg ** | ... | | | | | | | | | | | | | | | | |
| | Dras ** | ... | | | | | | | | | | | | | | | | |
| | Leh ** | ... | | | | | | | | | | | | | | | | |
| | Skardu * | ... | | | | | | | | | | | | | | | | |
| | Misgar ** | ... | | | | | | | | | | | | | | | | |
| | Aliabad * | ... | | | | | | | | | | | | | | | | |
| | Gilgit * | ... | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | ... | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * | 030 | 9 | 8 | 00 | 00 | 95 | 50 | 6 | 462 | 42 | 8 | 6 | 6 | 1 | 1 | 30 | 43 |
| | Kakul * | 021 | 4 | 8 | 29 | 02 | 95 | 63 | 6 | 459 | 41 | 7 | 7 | 5 | 2 | 1 | 39 | 49 |
| | Landikotal * | 000 | 8 | 6 | 36 | 02 | 90 | 03 | 1 | 414 | 45 | 6 | 7 | 8 | 0 | 0 | 44 | 48 |
| | Parachinar * | 045 | 9 | 3 | 00 | 00 | 95 | 70 | 7 | 461 | 33 | 4 | 7 | 2 | 2 | 1 | 32 | 83 |
| D. I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 550 | 59 | 0 | 0 | 9 | 0 | 0 | 51 | 60 |
| | Wana * | 040 | 6 | 8 | 13 | 07 | 97 | 86 | 1 | 466 | 38 | 8 | 2 | 6 | 1 | 1 | 39 | 45 |
| Quetta | Fort Sandeman * | 072 | 4 | 8 | 05 | 05 | 96 | 52 | 5 | 440 | 41 | 3 | 9 | 9 | 8 | 7 | // | 53 |
| | Hindubagh * | 020 | 8 | 2 | 13 | 02 | 97 | 03 | 0 | /// | 40 | 8 | 6 | 5 | 0 | 0 | 36 | 52 |
| | Loralai * | 000 | 0 | 8 | 17 | 07 | 98 | 01 | 0 | 479 | 46 | 0 | 1 | 9 | 0 | 8 | 43 | 30 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 020 | 7 | 0 | 00 | 00 | 96 | 03 | 6 | 516 | 51 | 0 | 0 | 8 | 0 | 7 | 42 | 57 |
| | Samungli (Quetta) * | 038 | 0 | 8 | 00 | 00 | 96 | 01 | 1 | 441 | 44 | 2 | 8 | 9 | 4 | 0 | 38 | 57 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 451 | 51 | 0 | 0 | 9 | 0 | 0 | 41 | 52 |
| | Nushki * | 026 | 0 | 7 | 00 | 00 | 97 | 03 | 6 | 512 | 51 | 7 | 0 | 9 | 4 | 0 | 45 | 70 |
| | Dalbandin * | 002 | 0 | 0 | 05 | 07 | 97 | 55 | 1 | 485 | 55 | 8 | 6 | 6 | 0 | 0 | 46 | 67 |
| Kalat | Kalat * | 000 | 0 | 9 | 31 | 02 | 96 | 00 | 2 | 464 | 35 | 9 | 7 | 9 | 2 | 0 | 33 | 60 |
| | Khuzdar * | 000 | 0 | 2 | 32 | 09 | 97 | 01 | 2 | 430 | 45 | 3 | 5 | 6 | 0 | 0 | 20 | 66 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wz (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 170 | 42 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — 1 | 1.3 | — 1.7 | 0.0 | — |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 140 |
| | Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | 108 |
| | Maijdee Court | 000 | 9 | 0 | 00 | 00 | 98 | 00 | | 161 | 67 | 0 | 0 | 9 | 0 | 0 | 67 | 54 | — | — 4 | 0.4 | — 1.5 | 0.1 | 115 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | | | | | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 78 |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 163 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 44 | — | — 4 | 2.2 | + 0.3 | 0.7 | 98 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 93 |
| | Narayanganj | 000 | 0 | 0 | 03 | 07 | 97 | 00 | 0 | 172 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | + 1 | 1.7 | + 0.4 | 0.3 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 06 | 05 | 97 | 00 | 0 | 171 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — | — | 1.9 | — | 0.6 | — |
| | Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 168 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 51 | — 4 | — 4 | 0.9 | — 1.1 | 0.0 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 173 | 68 | 0 | 0 | 9 | 0 | 0 | 60 | 60 | 8 | + 4 | 1.3 | — 0.2 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 2 | 08 | 00 | 97 | 00 | 0 | 167 | 64 | 0 | 0 | 9 | 0 | 0 | 62 | 54 | — 7 | + 1 | 0.2 | — 1.9 | 0.8 | 65 |
| | Jessore | 000 | 0 | 0 | 05 | 03 | 95 | 10 | 4 | 172 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | — | — | 1.9 | + 0.6 | 0.9 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 173 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — | 1.1 | — | 1.3 | 59 |
| | Sirajganj | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 2 | 174 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | — 6 | — 1 | 1.9 | + 0.8 | 1.5 | 64 |
| | Rajshahi | 800 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 175 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | + 2 | 3.7 | + 2.8 | 0.7 | — |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 5 | 171 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — 5 | — 1 | 1.7 | + 0.7 | 0.5 | 49 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 179 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 49 | — 3 | 0 | 1.6 | + 0.8 | 0.8 | 78 |
| | Rangpur | 008 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 155 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | — 1 | + 4 | 2.3 | + 1.6 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 006 | 6 | 3 | 22 | 04 | 95 | 01 | 0 | 082 | 54 | 2 | 5 | 6 | 3 | 0 | 50 | 49 | + 3 | + 8 | 0.5 | — 0.9 | 0.5 | 19 |
| | Sialkot | 100 | 0 | 2 | 08 | 05 | 98 | 00 | 0 | 077 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | + 11 | — | — | — | 32 |
| Rawalpindi | Jhelum | 093 | 0 | 8 | 31 | 05 | 96 | 60 | 6 | 070 | 54 | 5 | 5 | 6 | 2 | 1 | 51 | 47 | — | — | 0.9 | — | 0.9 | — |
| | Islamabad | 522 | 1 | 8 | 05 | 02 | 96 | 91 | 6 | /// | 47 | 0 | 6 | 1 | 5 | 7 | // | 48 | — | — | — | — | — | |
| | Rawalpindi | 237 | 9 | 7 | 00 | 00 | 98 | 21 | 0 | 081 | 47 | 7 | 5 | 6 | 0 | 0 | 47 | 43 | + 10 | + 4 | 3.7 | + 0.5 | 3.6 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 025 | 2 | 2 | 20 | 01 | 98 | 01 | 6 | 083 | 45 | 0 | 0 | 9 | 2 | 0 | 45 | 43 | — 5 | + 1 | 0.3 | — 0.3 | 0.3 | 15 |
| | Sargodha | 030 | 0 | 7 | 23 | 02 | 96 | 04 | 1 | 083 | 50 | 5 | 7 | 4 | 2 | 0 | 49 | 47 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 020 | 9 | 4 | 00 | 00 | 92 | 44 | 9 | /// | 49 | 4 | 9 | 9 | 0 | 0 | 45 | 45 | — 2 | + 4 | 0.2 | — 0.5 | 0.2 | 13 |
| Multan | Sahiwal | 087 | 9 | 9 | 00 | 00 | 90 | 45 | 9 | 101 | 47 | 5 | 1 | 8 | 1 | 1 | 47 | 45 | + 5 | + 2 | 0.1 | — 0.5 | 0.1 | 7 |
| | Multan | 000 | 0 | 8 | 36 | 02 | 97 | 50 | 2 | 142 | 50 | 0 | 0 | 9 | 0 | 0 | 47 | 47 | — | — | — | — | — | 8 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 040 | 6 | 8 | 05 | 03 | 96 | 02 | 9 | 096 | 56 | 5 | 5 | 5 | 2 | 1 | 51 | 50 | — | + 8 | 0.7 | + 0.5 | 0.4 | 6 |
| | Bahawalpur | 000 | 0 | 1 | 00 | 00 | 94 | 01 | 5 | 123 | 54 | 0 | 8 | 9 | 0 | 0 | 51 | 51 | + 6 | + 9 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Malakand | Chakdara | 096 | 0 | 7 | 09 | 01 | 97 | 01 | 6 | 084 | 40 | 7 | 7 | 6 | 0 | 0 | 38 | 40 | — | — | 1.7 | — | 1.5 | — |
| Peshawar | Peshawar | 022 | 4 | 8 | 00 | 00 | 97 | 20 | 5 | 102 | 47 | 4 | 5 | 5 | 2 | 1 | 45 | 47 | — 11 | + 6 | 1.0 | — 1.0 | 0.5 | 11 |
| | Haripur | 016 | 8 | 8 | 36 | 02 | 97 | 52 | 3 | 190 | 49 | 8 | 0 | 9 | 7 | 0 | 40 | 43 | — | — | — | — | — | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 1 | 104 | 41 | 0 | 0 | 9 | 0 | 0 | 40 | 42 | — | — | 0.5 | — | 0.0 | 11 |
| | D. I. Khan | 091 | 0 | 0 | 00 | 00 | 97 | 02 | 6 | 094 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | — 2 | 0 | 1.0 | + 0.3 | 1.0 | 9 |
| Quetta | Sibi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Nokkundi | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 160 | 43 | 0 | 0 | 9 | 0 | 0 | 20 | 42 | — | — | 1.4 | — | 1.4 | 5 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 06 | 0 | 159 | 54 | 0 | 0 | 9 | 0 | 0 | 50 | 53 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 0 | 31 | 07 | 95 | 05 | 0 | 123 | 58 | 0 | 0 | 9 | 0 | 0 | 47 | 56 | — | — | 7.6 | — | 6.6 | 8 |
| | Pasni | 000 | 0 | 0 | 29 | 08 | 95 | 00 | 6 | 102 | 59 | 0 | 0 | 0 | 0 | 0 | 51 | // | + 2 | — | 2.5 | + 0.3 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 8 | 27 | 03 | 95 | 85 | 5 | 115 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | // | — | — | 0.7 | — 1.0 | 0.7 | 6 |
| | Lasbela | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 8 | 105 | 53 | 8 | 0 | 8 | 0 | 0 | 47 | 51 | — | — | — | — | — | 8 |
| | Karachi (Manora) | 002 | 2 | 0 | 27 | 02 | 97 | 02 | 0 | 102 | 70 | 0 | 0 | 9 | 0 | 8 | 61 | 69 | + 4 | + 11 | 0.3 | — 0.3 | 0.3 | 8 |
| | Karachi (Airport) | 017 | 9 | 8 | 00 | 00 | 96 | 02 | 4 | 103 | 63 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 174 | 64 | 6 | 6 | 4 | 0 | 0 | 38 | 64 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 23 | 05 | 96 | 01 | 0 | 097 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — | — | — | — | — | 7 |
| | Hyderabad | 000 | 0 | 8 | 23 | 02 | 96 | 10 | 0 | 101 | 61 | 0 | 0 | 9 | 0 | 0 | 55 | 60 | + 8 | + 9 | 0.1 | — 0.1 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 01 | 97 | 03 | 0 | 111 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | + 7 | + 10 | 0.1 | — 0.3 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 098 | 48 | 0 | 0 | 9 | 0 | 0 | // | 47 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 105 | 53 | 0 | 0 | 9 | 0 | 0 | 49 | 51 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 13 | 05 | 95 | 05 | 4 | 095 | 55 | 0 | 0 | 9 | 0 | 0 | 51 | 52 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | — | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 100 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 58 | + 5 | + 5 | 0.1 | — 0.2 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 040 | 0 | 8 | 00 | 00 | 97 | 17 | 7 | 422 | 73 | 8 | 7 | 1 | 0 | 0 | 32 | 32 | — | — | 1.3 | — | 0.7 | 29 |
| Peshawar | Cherat * | 075 | 9 | 9 | 00 | 00 | 91 | 49 | 6 | 413 | 38 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | — 6 | 0 | 1.4 | — 2.2 | 0.8 | — |
| | Kakul * | 166 | 3 | 8 | 36 | 03 | 97 | 73 | 3 | 421 | 33 | 8 | 7 | 4 | 1 | 1 | 33 | 32 | — | — | 3.1 | — | 2.1 | — |
| | Landikotal * | 006 | 8 | 8 | 36 | 02 | 98 | 03 | 1 | 612 | 43 | 8 | 6 | 6 | 0 | 0 | 18 | 33 | — | — | 0.8 | — | 0.1 | 29 |
| | Parachinar * | 050 | 9 | 0 | 00 | 00 | 99 | 91 | 7 | 432 | 29 | 0 | 0 | 9 | 0 | 0 | 23 | 26 | — 17 | — 3 | 1.3 | — | 0.8 | 13 |
| D. I. Khan | Miranshah * | 090 | 8 | 8 | 05 | 05 | 97 | 02 | 0 | 544 | 47 | 8 | 0 | 9 | 0 | 0 | 32 | 38 | — | — | — | — | — | 11 |
| | Wana * | 055 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 400 | 40 | 8 | 0 | 9 | 0 | 0 | 33 | 39 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | — |
| | Hindubagh * | 000 | 0 | 4 | 23 | 31 | 97 | 03 | 0 | /// | 26 | 4 | 1 | 5 | 0 | 0 | 23 | 20 | — | — | 0.7 | — | 0.5 | 9 |
| | Loralai * | ... | — | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | — | | | | | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| | Harnai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 9 |
| | Samungli (Quetta) * | 000 | 0 | 2 | 00 | 00 | 95 | 02 | 0 | 466 | 32 | 0 | 5 | 6 | 0 | 0 | 27 | 32 | + 8 | + 1 | 1.5 | — 1.1 | 0.8 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 500 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | — 1 | + 1 | 6.3 | + 3.4 | 6.3 | — |
| | Nushki * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 458 | 37 | 0 | 0 | 9 | 0 | 0 | 35 | 32 | + 5 | — 1 | 1.3 | — 0.7 | 1.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 58 | 00 | 2 | 467 | 30 | 0 | 8 | 9 | 0 | 0 | 27 | 31 | + 10 | + 5 | 0.8 | — 1.4 | 0.8 | — |
| | Khuzdar * | 000 | 0 | 0 | 27 | 03 | 96 | 03 | 0 | 442 | 45 | 0 | 0 | 9 | 0 | 0 | 23 | 42 | — | — | 1.0 | — | 0.7 | 6 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 25th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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 (PoPoPo ToToTo DoDo) | 1000 mb (hhh $TTT_a$ DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 014 150 43 | ... | 470 090 40 | 079 016 11 | 576 125 63 | 753 251 63 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 006 180 47 | ... | 450 104 60 | 037 054 62 | 571 081 // | 753 141 // | 965 295 // | 347 411 // | 439 471 // | ... | ... | ... | ... |
| Multan ... | 00 00 | 994 080 10 | ... | 400 855 30 | 965 045 40 | 550 251 // | 710 315 // | 911 375 // | 196 443 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 947 086 04 | ... | 380 000 | 940 057 23 | 550 209 44 | 712 303 44 | 910 210 30 | 174 525 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 815 000 55 | ... | ... | 997 083 // | 355 203 // | 717 297 // | 919 377 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 986 040 45 | ... | 480 060 56 | 057 021 57 | 565 201 // | 727 315 // | 927 411 // | 195 531 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels (PPP TT $T_a$ DD) | | | | | | | | | Max. Wind Speed (PmPmPm dmdm fmfmfm) | TROPOPAUSE $P_tT_tP_tT_tT_tT_{st}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 900 112 57 | 800 066 42 | 600 000 61 | 350 235 62 | 250 075 // | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 016 // | 600 143 // | 350 329 // | 250 113 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Heights Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 335 06 | 320 06 | 290 07 | 305 17 | 330 02 | 290 26 | ... | ... | ... |
| Bogra | 280 05 | 290 08 | 285 09 | 265 11 | 285 25 | 300 33 | ... | ... | ... |
| Chaklala | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Chhor | 245 12 | 265 11 | 250 14 | 255 15 | 255 25 | 265 36 | 270 57 | ... | ... |
| Chittagong | 325 10 | 330 11 | 345 11 | 300 12 | 285 19 | 275 34 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 340 10 | 340 15 | 360 12 | 010 11 | 335 15 | 325 15 | ... | ... | ... |
| Dacca | 315 10 | 315 09 | 325 08 | 325 06 | 785 13 | 295 06 | 295 10 | ... | ... |
| Dalbandin | ... | ... | 075 10 | 200 08 | 315 06 | ... | ... | ... | ... |
| D. I. Khan | 050 10 | 090 10 | 070 09 | 055 05 | ... | ... | ... | ... | ... |
| Drosh | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 105 03 | 235 07 | 290 07 | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 305 05 | 295 06 | 285 10 | 280 13 | 270 22 | ... | ... | ... | ... |
| Jacobabad | 155 22 | 170 11 | 171 02 | 258 12 | 265 21 | 280 21 | 255 57 | ... | ... |
| Jessore | 315 02 | 285 05 | 290 08 | 275 12 | 310 35 | 295 34 | 290 42 | ... | ... |
| Jhelum | 050 03 | 085 10 | 095 10 | ... | ... | ... | ... | ... | ... |
| Jiwani | 270 23 | 275 21 | 280 21 | ... | ... | ... | ... | ... | ... |
| Karachi | 295 17 | 245 26 | 250 30 | 280 33 | ... | ... | ... | ... | ... |
| Khanpur | 110 14 | 175 03 | 125 07 | 195 17 | 215 17 | 205 27 | 235 35 | 235 41 | 235 42 |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 090 08 | 100 10 | 115 09 | 185 10 | 195 11 | 195 16 | 255 10 | ... | ... |
| Multan | 155 04 | 165 07 | 165 11 | 295 21 | 190 25 | 285 33 | 325 49 | 260 12 | 240 58 |
| Nawab Shah | 255 19 | 255 15 | 245 15 | 235 05 | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 350 09 | 350 10 | 340 12 | 310 10 | 275 12 | 040 10 | 050 10 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 205 07 | ... | ... | ... | ... |
| Sargodha | 045 10 | 085 23 | 100 14 | 155 19 | 195 27 | ... | ... | ... | ... |
| Skardu | ... | ... | ... | 180 02 | ... | ... | ... | ... | ... |
| Sylhet | 235 02 | 225 04 | 240 07 | 225 04 | 265 03 | 160 03 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T.† of date (dd fff)

| Heights 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 | 020 08 | 020 08 | 055 12 | 035 10 | 070 24 | 055 16 |
| Bogra | 050 04 | 360 05 | 250 08 | 270 18 | 295 14 | ... |
| Chaklala | No | Ascent | ... | ... | ... | ... |
| Chhor | 255 28 | 255 29 | 265 34 | 260 44 | 265 42 | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... |
| Dacca | 330 05 | 290 06 | 290 07 | ... | ... | ... |
| Dalbandin | ... | ... | 090 04 | 015 05 | 340 12 | 315 19 |
| D. I. Khan | 280 22 | 240 11 | 280 11 | 315 04 | 250 04 | 300 07 |
| Drosh | No | Ascent | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 245 15 | 275 10 | 305 33 |
| Gilgit | ... | ... | ... | ... | ... | ... |
| Ishurdi | 035 03 | 290 03 | 260 06 | 285 17 | 310 31 | ... |
| Jacobabad | 301 51 | 280 17 | 340 17 | 210 15 | 270 29 | 280 17 |
| Jessore | 055 04 | 070 02 | 285 02 | 318 03 | 295 19 | 320 29 |
| Jhelum | No | Ascent | ... | ... | ... | ... |
| Jiwani | 310 18 | 315 14 | 320 13 | 310 16 | 280 17 | 295 43 |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 045 13 | 035 14 | 020 14 | 005 11 | ... | ... |
| Khuzdar | ... | ... | ... | 305 01 | 320 01 | ... |
| Lahore | 105 08 | 160 20 | 175 25 | ... | ... | ... |
| Multan | 205 08 | 335 06 | 310 11 | 300 11 | 280 14 | 270 19 |
| Nawab Shah | 330 05 | 315 11 | 330 16 | 315 19 | 315 16 | 275 44 |
| Nokkundi | ... | ... | 340 05 | 330 07 | 300 08 | 270 10 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 025 03 | 350 04 | 335 45 | 325 08 | 310 09 |
| Parachinar | No | Ascent | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 035 13 | 075 13 | 350 04 | 310 13 | 305 10 | 280 13 |
| Skardu | ... | ... | ... | 270 02 | 300 05 | ... |
| Sylhet | 110 02 | 145 02 | 145 02 | 285 29 | 205 05 | ... |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T.† of date (dd fff)

| Heights Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 335 01 | 315 03 | 305 12 | 310 23 | 330 25 | 305 28 | 305 31 | ... | ... | ... | ... |
| Bogra | 200 06 | 230 06 | 235 09 | 255 11 | 320 11 | 305 33 | 280 42 | ... | ... | ... | ... |
| Chaklala | ... | 090 05 | 050 06 | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor | 255 17 | 265 19 | 285 11 | 300 16 | 285 21 | 275 37 | 270 75 | 240 06 | 270 66 | ... | ... |
| Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 360 04 | 330 05 | 305 08 | 300 16 | 295 20 | 315 24 | 270 29 | ... | ... | ... | ... |
| Dalbandin | ... | ... | 180 01 | 305 04 | 310 21 | 320 19 | 280 39 | 285 44 | 286 09 | 285 83 | 286 09 |
| D. I. Khan | 210 06 | 210 03 | 315 04 | 330 08 | 275 09 | 275 18 | 265 15 | 240 23 | 240 21 | 265 16 | 265 33 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 265 11 | 225 20 | 290 19 | 300 16 | 005 24 | 315 87 | 300 54 | 380 76 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 280 33 | 265 08 | 275 15 | 285 19 | 310 23 | 290 27 | ... | ... | ... | ... | ... |
| Jacobabad | 100 03 | 350 10 | 335 12 | 280 12 | 310 10 | 305 02 | 275 21 | 255 58 | 265 37 | ... | ... |
| Jessore | 120 01 | 275 02 | 295 04 | 295 20 | 300 17 | 310 29 | 280 34 | 270 45 | 260 44 | ... | ... |
| Jhelum | 140 06 | 300 17 | 300 11 | 287 12 | 305 09 | ... | ... | ... | ... | ... | ... |
| Jiwani | 010 15 | 040 12 | 040 07 | 340 06 | 330 09 | 280 14 | 200 41 | 290 56 | 280 29 | ... | ... |
| Karachi | 315 06 | 320 06 | 285 07 | 265 18 | 270 21 | 282 32 | 295 41 | ... | ... | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 325 13 | 325 27 | 320 37 | ... | ... | ... | ... | ... |
| Lahore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah | 280 08 | 310 11 | 300 11 | 270 08 | 265 08 | 280 56 | 270 80 | 270 86 | ... | ... | ... |
| Nokkundi | ... | ... | 320 11 | 305 20 | 300 19 | 300 06 | 295 24 | 310 16 | 295 32 | 295 21 | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 240 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | 335 01 | 105 05 | 260 11 | 255 04 | 250 22 | 285 64 | 265 42 | 280 86 |
| Quetta | ... | ... | ... | ... | 285 10 | 305 22 | 290 33 | 285 40 | 275 34 | ... | ... |
| Sargodha | 140 03 | 135 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 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 265 18 | 265 14 | 275 15 | 280 19 | 270 17 | 275 63 | 280 19 | 279 74 | 275 69 | 265 86 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

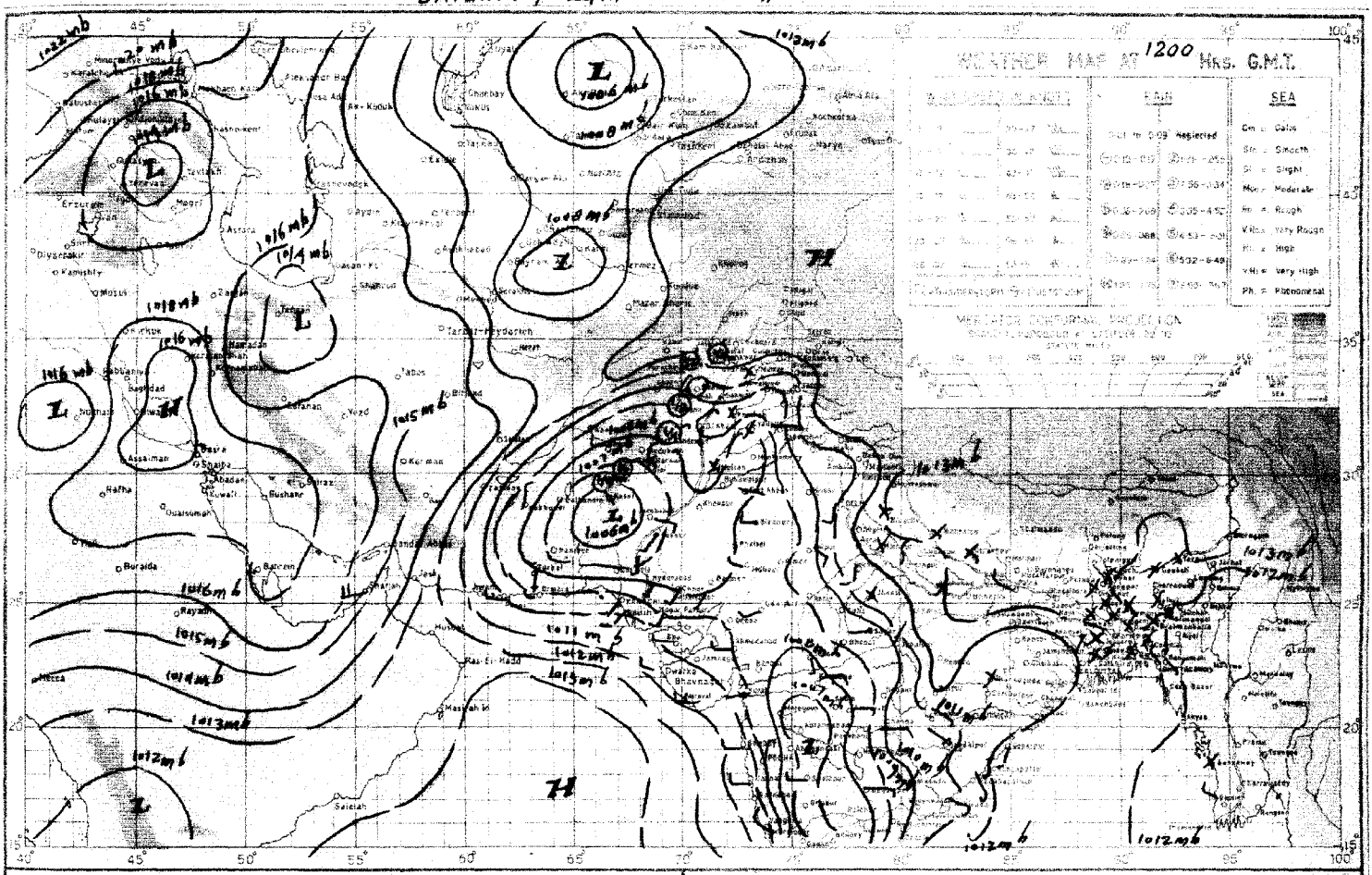
† The actual time of observations may vary within half an hour of the specified time.

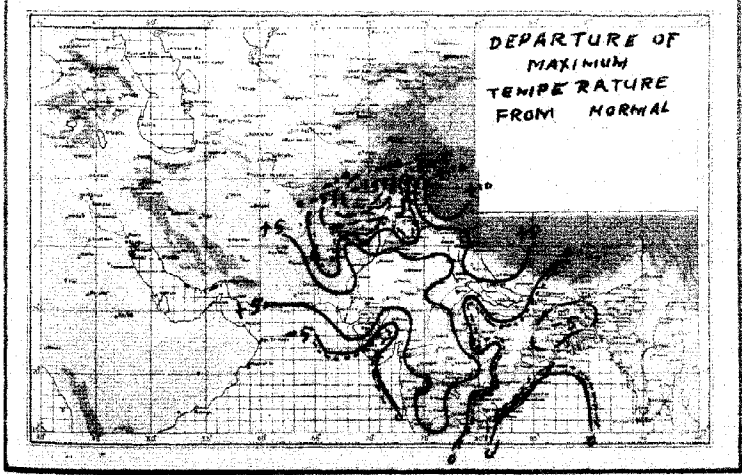
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

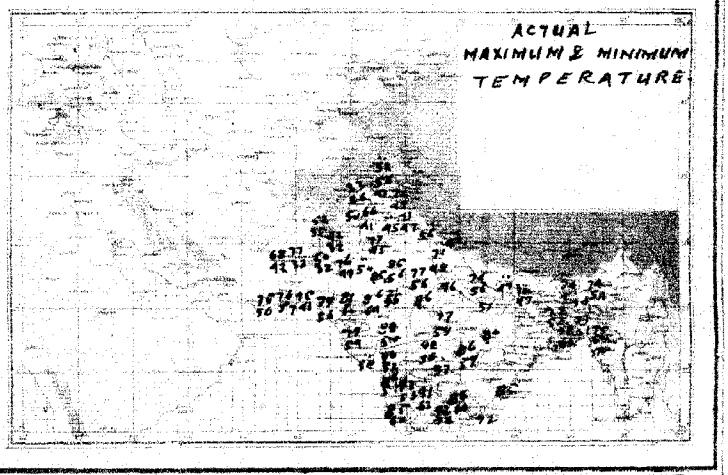
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre / Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SATURDAY 24TH JANUARY, 1970




REG. No. [illegible]

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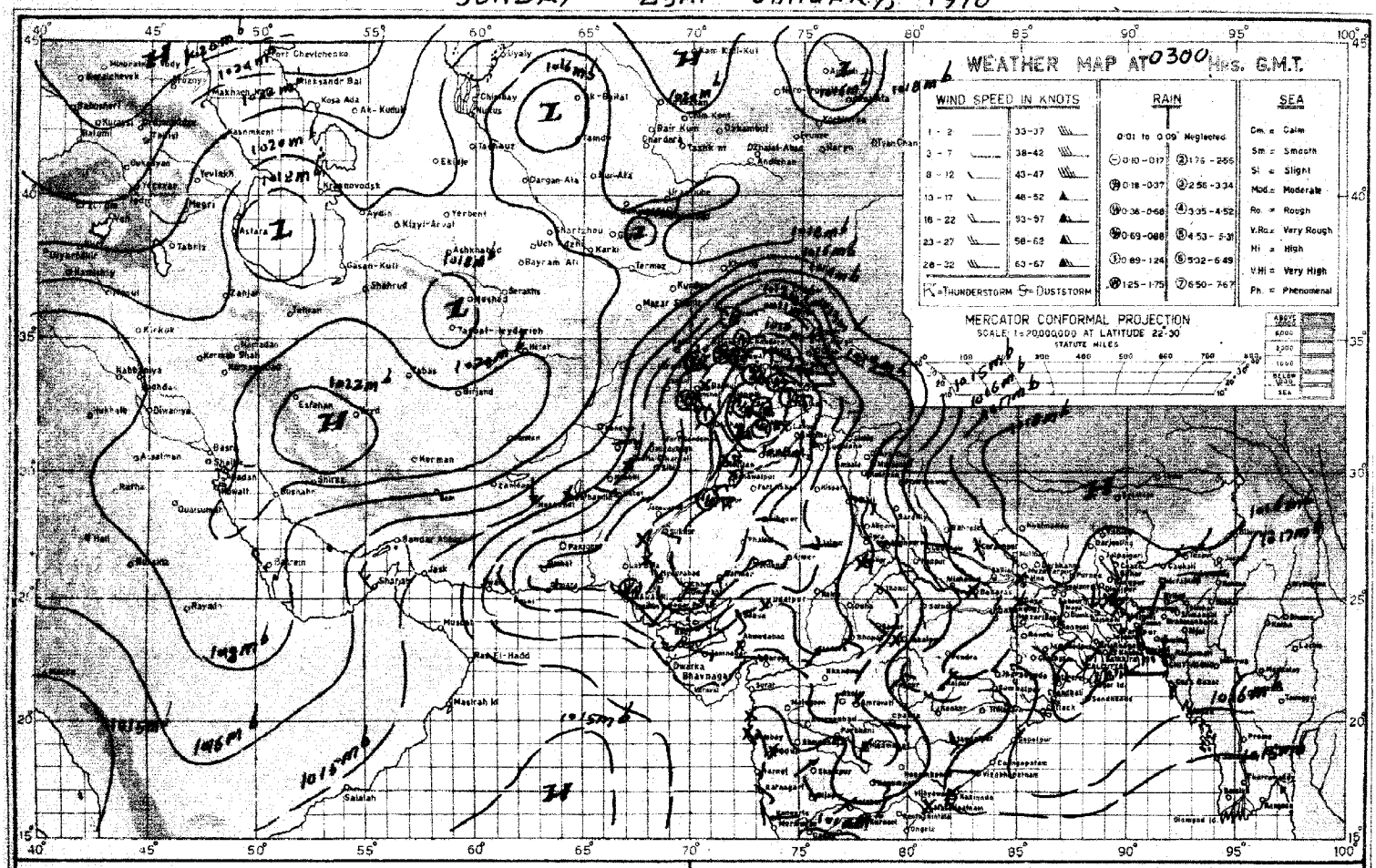
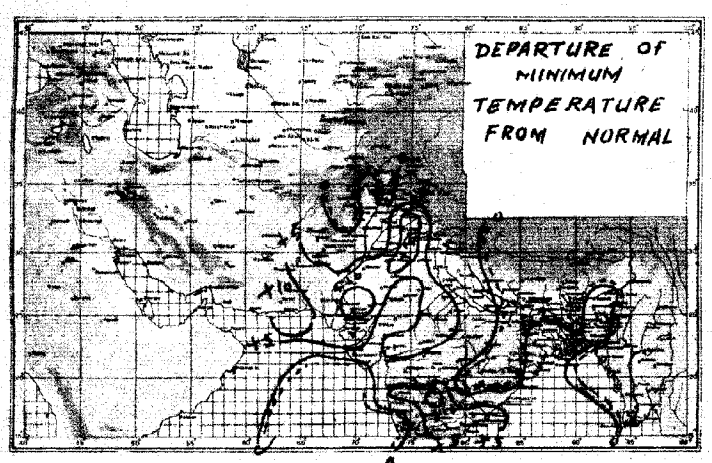
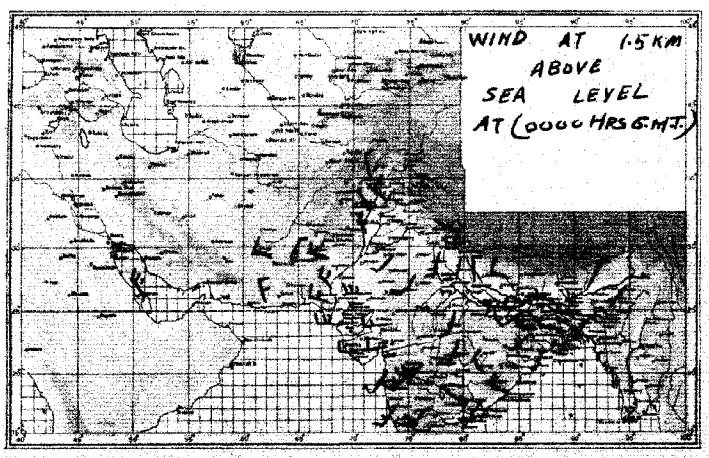
# PAKISTAN DAILY WEATHER MAP

SUNDAY 25TH JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 26th JANUARY 1970.**

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

Yesterday's secondary western disturbance over Lahore division moved away east wards.
Scattered rain occurred in Rawalpindi division. A few thundershowers have also been reported in Peshawar division.
A westerly low pressure wave is moving across Bihar and adjoining West Bengal.
Weather remained dry elsewhere over the country.
Chief amounts of rainfall are :— ¾″ in Jhelum.
Night temperatures were 3—4 °F (2 °C) above normal in Dacca, Khulna, Rajshahi, Lahore, Rawalpindi, Karachi and Hyderabad divisions.
**Forecast valid until the evening of 27th January 1970:-** Rain/thundershowers are likely to be scattered in Khulna and Rajshahi divisions. A few thunderstorms/showers may occur in Lahore, Rawalpindi divisions and Kashmir. Dry weather will prevail elsewhere over the country.

Karachi-11
The 26th January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 12 | // | 02 | 0 | 126 | 70 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| | Chittagong | 000 | 0 | 5 | 31 | 02 | // | 03 | 1 | 132 | 70 | 5 | 0 | 9 | 3 | 0 | 55 | 75 |
| | Maijdee Court | 000 | 0 | 1 | 00 | 00 | // | 00 | 0 | 130 | 72 | 0 | 0 | 9 | 0 | 0 | 70 | 74 |
| | Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 1 | 132 | 72 | 4 | 4 | 7 | 0 | 0 | 70 | 74 |
| | Brahmanbaria | 000 | 0 | 7 | 36 | 02 | // | 03 | 1 | 130 | 70 | 7 | 0 | 9 | 4 | 0 | 60 | 74 |
| | Sylhet | 000 | 8 | 7 | 00 | 00 | // | 01 | 4 | 131 | 65 | 2 | 4 | 5 | 3 | 0 | 59 | 75 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 05 | 0 | 140 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 76 |
| Dacca | Mymensingh | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | 132 | 66 | 2 | 5 | 5 | 0 | 0 | 58 | 74 |
| | Narayanganj | 000 | 0 | 8 | 31 | 02 | // | 02 | 0 | 127 | 74 | 6 | 2 | 5 | / | / | 58 | 75 |
| | Dacca (Tezgaon) | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 136 | 68 | 2 | 5 | 5 | 3 | 0 | 54 | 76 |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 93 | 00 | 0 | 121 | 71 | 0 | 0 | 9 | 0 | 0 | 58 | 74 |
| Khulna | Barisal | 000 | 0 | 7 | 00 | 00 | 95 | 03 | 2 | 132 | 70 | 7 | 0 | 9 | 2 | 0 | 59 | 76 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 123 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 78 |
| | Satkhira | 000 | 0 | 6 | 00 | 00 | 96 | 00 | 0 | 126 | 74 | 4 | 2 | 9 | 0 | 0 | 62 | 78 |
| | Jessore | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 127 | 70 | 0 | 0 | 9 | 3 | 0 | 59 | 78 |
| Rajshahi | Pabna | 000 | 0 | 4 | 05 | 00 | // | 01 | 1 | 128 | 67 | 4 | 4 | 7 | 0 | 0 | 59 | 74 |
| | Sirajganj | 000 | 0 | 5 | 00 | 00 | // | 02 | 2 | 132 | 72 | 0 | 8 | 9 | 3 | 0 | 52 | 73 |
| | Rajshahi | 000 | 0 | 1 | 00 | 00 | 95 | 01 | 1 | 133 | 70 | 1 | 5 | 5 | 0 | 0 | 58 | 74 |
| | Bogra | 000 | 0 | 1 | 00 | 00 | // | 05 | 2 | 131 | 65 | 1 | 0 | 9 | 3 | 0 | 55 | 75 |
| | Dinajpur | 000 | 0 | 0 | 00 | 08 | // | 00 | 8 | 125 | 67 | 0 | 0 | 9 | 0 | 0 | 54 | 74 |
| | Rangpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 8 | 113 | 59 | 1 | 0 | 9 | 1 | 0 | 54 | 74 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 6 | 27 | 03 | 96 | 02 | 3 | 084 | 58 | 5 | 9 | 6 | 3 | 0 | 52 | 64 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 014 | 9 | 6 | 31 | 02 | 97 | 01 | 6 | 004 | 58 | 4 | 5 | 6 | 7 | 8 | 49 | 58 |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rawalpindi | 000 | 0 | 4 | 00 | 00 | 98 | 03 | 2 | 092 | 53 | 2 | 2 | 7 | 6 | 0 | 47 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 086 | 62 | 0 | 0 | 9 | 0 | 0 | 53 | 65 |
| | Sargodha | 000 | 0 | 1 | 27 | 03 | 97 | 01 | 2 | 081 | 62 | 1 | 1 | 6 | 0 | 0 | 49 | 65 |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 95 | 00 | 0 | 084 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 68 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 4 | 080 | 61 | 0 | 0 | 0 | 0 | 0 | 52 | 61 |
| | Leiah | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 2 | 118 | 76 | 0 | 0 | 9 | 0 | 8 | 38 | 76 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 077 | 69 | 0 | 0 | 9 | 0 | 0 | 45 | 71 |
| | Bahawalpur | 000 | 6 | 0 | 00 | 00 | 95 | 01 | 0 | 099 | 77 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 08 | 0 | /// | // | 0 | 0 | 0 | 0 | 0 | 34 | 66 |
| Malakand | Chakdra | 000 | 0 | 7 | 23 | 03 | 97 | 02 | 2 | 091 | 49 | 7 | 0 | 9 | 6 | 0 | 48 | 49 |
| Peshawar | Peshawar | 000 | 0 | 7 | 00 | 00 | 98 | 02 | 2 | 095 | 55 | 5 | 5 | 4 | 3 | 0 | 44 | 35 |
| | Haripur | 128 | 8 | 0 | 23 | 02 | 97 | 00 | 0 | 097 | 50 | 0 | 0 | 9 | 0 | 0 | 49 | 54 |
| D. I. Khan | Bannu | 000 | 0 | 2 | 13 | 02 | 99 | 01 | 2 | 086 | 59 | 2 | 1 | 8 | 0 | 0 | 42 | 62 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 5 | 116 | 65 | 0 | 0 | 9 | 0 | 0 | 46 | 67 |
| Quetta | Sibi | 000 | 0 | 0 | 27 | 06 | 97 | 02 | 0 | 083 | 74 | 0 | 0 | 9 | 0 | 0 | 56 | 75 |
| | Nokkundi | 000 | 0 | 4 | 31 | 09 | 96 | 02 | 0 | 113 | 65 | 3 | 3 | 6 | 0 | 0 | 07 | 65 |
| Kalat | Turbat | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 134 | 77 | 0 | 0 | 9 | 0 | 0 | 06 | 78 |
| | Jiwani | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 115 | 74 | 0 | 0 | 9 | 0 | 0 | 39 | 77 |
| | Pasni | 000 | 0 | 0 | 25 | 08 | 96 | 00 | 6 | 104 | 78 | 0 | 0 | 0 | 0 | 0 | 58 | 80 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 115 | 74 | 0 | 0 | 9 | 0 | 0 | 67 | 80 |
| | Lasbela | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 0 | 116 | 80 | 0 | 0 | 8 | 0 | 0 | 34 | 81 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 103 | 75 | 0 | 0 | 9 | 0 | 0 | 73 | 79 |
| | Karachi (Airport) | 000 | 0 | 0 | 31 | 07 | 96 | 02 | 0 | 086 | 78 | 0 | 0 | 9 | 0 | 0 | 74 | 79 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 142 | 77 | 6 | 6 | 6 | 0 | 0 | 47 | 84 |
| | Chhor | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 082 | 79 | 0 | 0 | 9 | 0 | 0 | 42 | 82 |
| | Hyderabad | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 082 | 79 | 0 | 0 | 9 | 0 | 0 | 31 | 82 |
| | Badin | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 090 | 84 | 0 | 0 | 9 | 0 | 0 | 53 | 86 |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 088 | 75 | 0 | 0 | 9 | 0 | 0 | 36 | 76 |
| | Nawabshah | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 091 | 77 | 0 | 0 | 9 | 0 | 0 | 45 | 79 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 060 | 73 | 0 | 0 | 9 | 0 | 0 | 44 | 75 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 088 | 76 | 0 | 0 | 9 | 0 | 0 | 43 | 75 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ** | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * | 005 | 9 | 0 | 00 | 00 | 96 | 02 | 6 | 433 | 44 | 0 | 0 | 9 | 0 | 0 | 39 | 47 |
| | Kakul * | 090 | 6 | 7 | 31 | 02 | 97 | 22 | 7 | 433 | 38 | 6 | 7 | 4 | 3 | 0 | 38 | 38 |
| | Landikotal * | | | | | | | | | | | | | | | | | |
| | Parachinar * | 000 | 0 | 5 | 13 | 07 | 98 | 02 | 1 | 429 | 42 | 5 | 1 | 4 | 0 | 0 | 29 | 48 |
| D.I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 542 | 40 | 8 | 0 | 9 | 0 | 0 | 43 | 62 |
| | Wana * | 000 | 0 | 0 | 13 | 04 | 99 | 00 | 0 | 408 | 49 | 0 | 0 | 9 | 0 | 0 | 34 | 50 |
| Quetta | Fort Sandeman * | 000 | 0 | 1 | 31 | 12 | 98 | 03 | 0 | 436 | 51 | 2 | 4 | 7 | 0 | 0 | 15 | 53 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 31 | 97 | 02 | 0 | /// | 47 | 0 | 0 | 9 | 0 | 0 | 13 | 48 |
| | Loralai * | 000 | 0 | 4 | 27 | 13 | 98 | 01 | 0 | 460 | 51 | 0 | 1 | 9 | 0 | 4 | 35 | 55 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 11 | 22 | 96 | 02 | 0 | 447 | 59 | 0 | 0 | 9 | 0 | 0 | 21 | 64 |
| | Samungli (Quetta) * | 000 | 0 | 7 | 21 | 05 | 96 | 03 | 1 | 474 | 41 | 5 | 6 | 5 | 3 | 0 | 29 | 46 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 478 | 57 | 0 | 0 | 9 | 0 | 0 | 29 | 62 |
| | Nushki * | 000 | 0 | 6 | 00 | 00 | 91 | 03 | 0 | 514 | 53 | 6 | 0 | 9 | 4 | 0 | 44 | 60 |
| | Dalbandin * | 000 | 0 | 5 | 05 | 02 | 97 | 03 | 0 | 481 | 62 | 0 | 0 | 9 | 3 | 0 | 20 | 63 |
| Kalat | Kalat * | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 2 | 491 | 52 | 0 | 0 | 9 | 0 | 0 | 23 | 62 |
| | Khuzdar * | 000 | 0 | 0 | 31 | 10 | 97 | 02 | 0 | 455 | 55 | 0 | 0 | 9 | 0 | 0 | 16 | // |
| | Panjgur * | 000 | 9 | 0 | 36 | 07 | 96 | 02 | 0 | 476 | 62 | 9 | 0 | 9 | 0 | 0 | 22 | 64 |

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

| Divisions | Stations | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 5 | 0 | 36 | 05 | 98 | 01 | 4 | 166 | 64 | 0 | 0 | 9 | ? | 0 | 56 | // | — | — | — | — | — | — |
| | Cox's Bazar | 0.0 | 0 | 2 | 36 | 10 | 96 | 05 | 0 | 143 | 68 | 0 | 0 | 9 | 0 | 2 | 56 | 57 | — 3 | — 0 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 1 | C5 | 09 | 96 | 02 | 0 | 150 | 67 | 1 | 0 | 9 | 3 | 0 | 54 | 54 | — 4 | — 1 | 1.3 | — 1.7 | 0.0 | 108 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | | | | | 115 |
| | Comilla | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 165 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 51 | — 5 | — 2 | 0.4 | — 1.4 | 0.1 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 07 | 02 | 94 | 00 | 0 | 152 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | — | — | 1.3 | — 0.2 | 0.0 | 78 |
| | Sylhet | 000 | 0 | 1 | 09 | 05 | 96 | 05 | 1 | /// | 62 | 0 | 0 | 9 | 3 | 1 | 56 | 54 | — | — | 2.5 | — | 1.0 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 158 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 44 | — 5 | — 4 | 2.2 | + 1.7 | 0.7 | 58 |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 1 | 163 | 63 | 2 | 4 | 5 | 2 | 0 | 56 | 54 | — 2 | 0 | 1.2 | 0 | 0.9 | 91 |
| | Narayanganj | 000 | 0 | 0 | C5 | 02 | 97 | 00 | 0 | 151 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 58 | 0 | + 3 | 1.7 | + 0.4 | 0.4 | 74 |
| | Dacca (Tezgaon) | 000 | 3 | 1 | 09 | 02 | 95 | 10 | 4 | 149 | 64 | 1 | 0 | 9 | 4 | 0 | 58 | 54 | — | — | 1.9 | — | 0.6 | — |
| | Faridpur | 000 | 0 | 0 | C0 | 00 | 97 | 00 | 0 | 157 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | — 2 | + 1 | 2.3 | + 0.7 | 0.7 | 71 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 155 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 58 | 0 | + 2 | 1.4 | — 0.3 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 0 | 03 | 00 | 97 | 00 | 0 | 153 | 50 | 0 | 0 | 9 | 0 | 0 | 62 | 58 | — 3 | + 4 | 0.2 | — 1.0 | 0.0 | 66 |
| | Jessore | 000 | 0 | 0 | 12 | 05 | 96 | 05 | 0 | 147 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 57 | — | — | 2.0 | + 0.6 | 0.9 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 1 | 147 | 65 | 0 | 8 | 9 | 0 | 0 | 59 | 58 | — | — | 1.1 | — | 1.4 | 59 |
| | Sirajganj | 000 | 0 | 8 | 13 | 01 | 97 | 02 | 0 | 153 | 60 | 7 | 0 | 7 | 4 | 0 | 56 | 56 | — | + 4 | 1.9 | + 0.8 | 1.5 | 64 |
| | Rajshahi | 000 | 0 | 5 | 09 | 03 | 96 | 03 | 1 | 153 | 65 | 0 | 0 | 9 | 3 | 0 | 51 | 58 | — 2 | + 6 | 3.8 | + 2.0 | 0.8 | — |
| | Bogra | 000 | 0 | 6 | 09 | 03 | 96 | 03 | 2 | 154 | 60 | 6 | 0 | 9 | 7 | 0 | 56 | 53 | — 1 | + 1 | 1.7 | + 0.6 | 0.5 | 68 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 8 | 150 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — 2 | + 1 | 1.6 | — 0.9 | 0.8 | 73 |
| | Rangpur | 000 | 3 | 6 | 05 | 02 | 96 | 42 | 4 | 158 | 60 | 6 | 0 | 9 | 1 | 0 | 56 | 54 | — 1 | + 4 | 2.3 | + 1.6 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 05 | 02 | 96 | 02 | / | 132 | 51 | 0 | 0 | 9 | 0 | / | 49 | 50 | — 4 | + 9 | 0.5 | — 1.0 | 0.5 | 19 |
| | Sialkot | 000 | 0 | 1 | 00 | 00 | 99 | 00 | 0 | 177 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | // | | | — | — | — | 32 |
| Rawalpindi | Jhelum | 069 | 3 | 8 | 13 | 05 | 96 | 60 | 6 | 134 | 49 | 6 | 5 | 6 | 2 | 1 | 45 | 47 | — | — | 1.7 | — | 1.6 | — |
| | Islamabad | 000 | 9 | 0 | 23 | 02 | 97 | 02 | 0 | 170 | 49 | 0 | 0 | 9 | 5 | 2 | // | // | | — | — | — | — | — |
| | Rawalpindi | 000 | 4 | 1 | 00 | 00 | 97 | 01 | 5 | 135 | 43 | 1 | 2 | 7 | 0 | 0 | 43 | 43 | + 8 | + 4 | 3.8 | + 0.4 | 3.6 | 38 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | // | 96 | 03 | 2 | 143 | 49 | 8 | 5 | 8 | 0 | 0 | 49 | 45 | — 2 | + 3 | 0.3 | — 0.8 | 0.3 | 15 |
| | Sargodha | 000 | 4 | 9 | 00 | 00 | // | 45 | 4 | 133 | 47 | 9 | / | 0 | / | / | 42 | 45 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 4 | 0 | 00 | 08 | 94 | 44 | 4 | 132 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | + 1 | 0 | 0.2 | — 0.5 | 0.2 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 5 | 9 | 00 | 00 | 90 | 45 | 4 | 137 | 40 | 9 | / | 8 | / | / | 40 | 40 | — 7 | — 3 | 0.1 | — 0.5 | 0.1 | 7 |
| | Leiah | 000 | 0 | 8 | 36 | 00 | 92 | 02 | 5 | 140 | 49 | 0 | 0 | 9 | 0 | 0 | 45 | 45 | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 9 | 00 | 00 | 90 | 47 | 4 | 134 | 45 | 9 | / | 0 | / | / | 43 | 40 | — 2 | — 3 | — | — | — | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 92 | 47 | 0 | 146 | 47 | 0 | 8 | 9 | 0 | 0 | 45 | 45 | + 7 | + 2 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Malakand | Chakdra | 005 | 0 | 8 | 00 | 00 | 96 | 52 | / | 116 | 41 | 8 | 7 | 6 | / | / | 40 | 39 | — | — | 1.8 | — | 1.3 | — |
| Peshawar | Peshawar | 000 | 0 | 1 | 00 | 00 | 96 | 04 | 0 | 139 | 40 | 1 | 0 | 9 | 3 | 0 | 38 | 38 | — 8 | — 3 | 1.0 | — 1.1 | 0.5 | 11 |
| | Haripur | 017 | 5 | 4 | 05 | 03 | 98 | 01 | 6 | 141 | 45 | 4 | 2 | 6 | 0 | 0 | 49 | 38 | — | — | — | — | — | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 34 | 01 | 99 | 00 | 0 | 140 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | — | — | 0.5 | — | 0.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 150 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | — 1 | 0 | 1.0 | — 0.3 | 1.0 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 143 | 50 | 0 | 0 | 9 | 0 | 0 | 48 | 48 | — | — | 0.0 | — | 0.0 | 2 |
| | Nokkundi | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 175 | 44 | 0 | 0 | 9 | 0 | 0 | 17 | 42 | — | — | 1.4 | — | 1.4 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 171 | 54 | 0 | 0 | 9 | 0 | 0 | 37 | 53 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 146 | 63 | 0 | 0 | 9 | 0 | 0 | 42 | 56 | — | — | 7.6 | — | 6.6 | 5 |
| | Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 6 | | | | | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 152 | 57 | 0 | 0 | 9 | 0 | 0 | 49 | // | — | — | 0.7 | — 1.0 | 0.7 | 4 |
| | Lasbela | 000 | 0 | 2 | 00 | 00 | 98 | 02 | 0 | 145 | 52 | 0 | 0 | 8 | 0 | 0 | 33 | 48 | — | — | 0.0 | — | — | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 136 | 65 | 0 | 0 | 9 | 0 | 0 | 57 | 64 | + 4 | + 6 | 0.3 | — 0.3 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 135 | 52 | 0 | 0 | 9 | 0 | 0 | 43 | 51 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 174 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 64 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 133 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 43 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 09 | 02 | 97 | 02 | 0 | 142 | 53 | 0 | 0 | 9 | 0 | 0 | 41 | 52 | — 6 | + 1 | 0.2 | — 0.1 | 0.2 | 9 |
| | Badin | 000 | 0 | 0 | 31 | 04 | 97 | 03 | 0 | 145 | 56 | 0 | 0 | 9 | 0 | 0 | 50 | 54 | — 8 | + 3 | 0.1 | — 0.3 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 139 | 40 | 0 | 0 | 9 | 0 | 0 | 34 | 38 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 137 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 2 | 0 | 23 | 03 | 95 | 05 | 4 | 139 | 52 | 0 | 0 | 9 | 0 | 0 | 36 | 50 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 129 | 56 | 0 | 0 | 9 | 0 | 0 | 32 | 51 | + 4 | + 5 | 0.2 | — 0.2 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 24 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 004 | 0 | 7 | 00 | 00 | 96 | 01 | 2 | 463 | 33 | 8 | 8 | 6 | 6 | 0 | 28 | 32 | | 0 | 1.4 | — | 0.8 | 29 |
| Peshawar | Cherat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | — |
| | Kakul * | 005 | 1 | 8 | 01 | 03 | 97 | 71 | 7 | 485 | 35 | 8 | 7 | 4 | / | / | 33 | 32 | — | — | 3.2 | — | 2.2 | — |
| | Landikotal * | | | | | | | | | | | | | | | | | | | | | | | 19 |
| | Parachinar * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 463 | 27 | 0 | 0 | 9 | 0 | 0 | 26 | 26 | — 2 | — 3 | 1.4 | — | 0.8 | 13 |
| D.I. Khan | Miranshah * | 080 | 0 | 8 | 05 | 05 | 97 | 00 | 0 | 546 | 45 | 8 | 0 | 4 | 0 | 0 | 26 | 40 | — | — | — | — | — | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 465 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 30 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 05 | 02 | 97 | 01 | 0 | 466 | 34 | 0 | 0 | 9 | 0 | 8 | 25 | 32 | — 3 | — 3 | — | — | — | — |
| | Hindubagh * | 000 | 0 | 0 | 23 | 31 | 97 | 02 | 0 | /// | 18 | 0 | 0 | 9 | 0 | 0 | 11 | 09 | — | — | 0.8 | — | 0.6 | 9 |
| | Loralai * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 490 | 28 | 0 | 0 | 9 | 0 | 0 | 33 | 30 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 439 | 39 | 0 | 0 | 9 | 0 | 0 | 35 | 38 | — | — | — | — | — | 9 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 494 | 32 | 0 | 0 | 9 | 0 | 0 | 21 | 30 | — 3 | — | 1.5 | — 1.4 | 0.8 | 9 |
| | Chaman * | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 516 | 43 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | + 9 | 0 | 6.3 | + 3.4 | 6.3 | — |
| | Nushki * | 000 | 0 | 0 | 01 | 03 | 97 | 02 | 0 | 531 | 42 | 0 | 0 | 9 | 0 | 0 | 29 | 50 | — | — | — | — | — | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 491 | 37 | 0 | 0 | 9 | 0 | 0 | // | 36 | + 1 | — 3 | 1.4 | — 0.1 | 1.4 | 7 |
| Kalat | Kalat * | 003 | 0 | 0 | 18 | 02 | 58 | 00 | 2 | 494 | 30 | 0 | 0 | 9 | 0 | 0 | 25 | 20 | + 13 | — 8 | 0.8 | + 4.5 | 0.8 | — |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Panjgur * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 478 | 30 | 0 | 0 | 9 | 0 | 0 | 30 | 37 | — 1 | — 5 | 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

**MONDAY THE 26th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | $7RRt_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Diademia ... | 99 2 34 | 10 5 95 | 25 0 63 | 13 1 18 | 99 0 20 | 16 7 23 | 11 4 00 | | | | 0 / / 13 | ... | 30 7 04 | 00 / 00 |
| Abida Pharavhi ... | 99 2 16 | 10 6 26 | 25 0 63 | 33 1 10 | 98 8 30 | 15 5 24 | 21 3 02 | | | | 0 / / 16 | 12 4 62 | 30 3 01 | 34 8 04 |
| Abida Pharavhi ... | 99 2 06 | 10 6 36 | 25 1 23 | 13 1 09 | 98 0 20 | 13 2 25 | 11 6 00 | | | | 0/ / 16 | 12 5 24 | 30 3 01 | 33 8 03 |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G.M.T. | Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 010 144 49 | ... | 456 094 58 | 065 010 58 | 569 161 56 | 732 211 60 | 941 319 60 | 213 561 // | 390 095 // | 623 833 // | ... | ... | ... |
| Dacca ... | 00 00 | 012 140 35 | ... | 460 066 42 | 047 015 41 | 566 163 57 | 730 237 58 | 940 319 57 | 210 557 // | 398 685 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 008 124 35 | .. | 400 040 58 | 988 031 // | 556 191 // | 719 275 // | 923 355 // | 199 445 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 995 060 06 | .. | 380 050 20 | 983 105 // | 541 335 // | 697 371 // | 893 445 // | 157 /// // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 969 042 11 | ... | 450 010 07 | 950 097 19 | 546 261 15 | 705 365 // | 900 451 // | 167 497 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 817 001 52 | ... | /// /// // | 010 070 // | 557 205 // | 718 333 // | 918 400 // | 184 503 // | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 988 094 50 | ... | 450 040 50 | 985 085 25 | 552 248 // | 712 301 // | 913 381 // | 186 485 // | 360 521 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed ($P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$) | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 148 58 | 800 058 7/ | 600 000 56 | 650 033 56 | 600 033 58 | 445 239 58 | 410 191 54 | 385 817 // | | 100 833 // | ... | ... |
| Dacca ... | 00 00 | 900 1.0 56 | 800 050 24 | 7/0 L00 35 | 600 087 28 | 411 259 57 | 361 191 59 | 350 205 85 | 130 753 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 020 // | 770 000 // | 600 129 // | 350 355 // | ... | ... | ... | ... | ... | 240 275 87 | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 335 01 | 328 02 | 320 02 | 330 12 | 300 19 | 280 18 | ... | ... | ... |
| Bogra ... | 275 07 | 240 03 | 260 07 | /// // | 320 19 | ... | ... | ... | ... |
| Chaklala ... | ... | 035 02 | 020 03 | 200 02 | 155 03 | 170 04 | ... | ... | ... |
| Chhor ... | 260 08 | 270 08 | 275 08 | 275 09 | 270 29 | 260 42 | 280 64 | 280 75 | 280 85 |
| Chittagong ... | 320 12 | 320 10 | 355 11 | 290 11 | 255 12 | 240 10 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 360 15 | 010 14 | 005 13 | 320 21 | 310 12 | 275 12 | ... | ... | ... |
| Dacca ... | 330 03 | 320 03 | 295 03 | 240 04 | 300 09 | ... | ... | ... | ... |
| Dalbandin ... | | | 015 01 | 330 08 | 335 11 | 305 14 | 290 31 | ... | ... |
| D. I. Khan ... | 095 02 | 090 02 | 095 01 | 170 04 | 285 09 | 295 33 | 295 13 | 270 23 | 295 23 |
| Drosh ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 285 17 | 290 21 | 290 20 | 310 20 | 285 38 | 180 43 |
| Gilgit ... | ... | ... | ... | 290 03 | 125 07 | 090 03 | ... | ... | ... |
| Ishurdi ... | 005 08 | 340 07 | 310 05 | 300 04 | 315 13 | 310 27 | ... | ... | ... |
| Jacobabad ... | 290 10 | 285 12 | 290 11 | 300 12 | 315 13 | 285 16 | 275 41 | ... | ... |
| Jessore ... | 140 01 | 150 01 | 230 01 | 295 09 | 280 10 | 295 20 | ... | ... | ... |
| Jhelum ... | 350 07 | 235 07 | 210 05 | 200 02 | 200 06 | ... | ... | ... | ... |
| Jiwani ... | 295 07 | 305 04 | 310 03 | 345 03 | 335 00 | 290 25 | 280 34 | 280 48 | 280 56 |
| Karachi ... | 285 15 | 305 14 | 305 21 | 285 10 | 290 16 | 255 35 | 290 37 | 280 53 | 280 60 |
| Khanpur ... | 240 10 | 240 18 | 240 17 | 280 15 | 295 29 | 290 23 | 285 20 | 280 42 | 275 37 |
| Khuzdar ... | ... | ... | ... | 310 16 | 310 12 | 305 25 | 280 59 | ... | ... |
| Lahore ... | 230 05 | 220 04 | 225 08 | 230 02 | 245 10 | 225 05 | 260 10 | ... | ... |
| Multan ... | 140 08 | 140 01 | 140 06 | 305 19 | 315 18 | 275 28 | 290 26 | /// // | 280 46 |
| Nawab Shah ... | 295 09 | 290 09 | 275 07 | 275 11 | 285 23 | 270 49 | 275 80 | 275 80 | ... |
| Nokkundi ... | ... | ... | 345 15 | 045 09 | 290 09 | 280 06 | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 345 10 | 345 14 | 325 14 | 275 37 | 295 29 | 290 27 |
| Peshawar ... | ... | 295 04 | 025 03 | 180 06 | 190 08 | /// // | 260 09 | ... | ... |
| Parachinar ... | ... | ... | ... | 265 05 | 245 08 | 270 17 | 300 04 | ... | ... |
| Quetta ... | ... | ... | ... | ... | 310 17 | 290 13 | ... | ... | ... |
| Sargodha ... | 245 04 | 260 05 | 305 06 | 285 09 | 245 07 | 280 13 | 255 14 | 230 19 | 235 17 |
| Skardu ... | ... | ... | ... | 195 02 | 165 06 | ... | ... | ... | ... |
| Sylhet ... | 300 06 | 295 03 | 225 03 | 185 04 | 240 07 | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 045 08 | 360 09 | 330 09 | 315 13 | ... | ... |
| Bogra ... | 165 07 | 225 04 | 250 08 | 280 10 | ... | ... |
| Chaklala ... | ... | 105 02 | 105 03 | 350 03 | 320 01 | ... |
| Chhor ... | 010 13 | 360 16 | 250 15 | 285 20 | 300 29 | 260 28 |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | | | | | | |
| Cox's Bazar ... | 095 18 | 360 15 | 350 12 | 305 06 | 305 06 | 015 05 |
| Dacca ... | 065 06 | 050 04 | 285 08 | 300 13 | 275 16 | 275 27 |
| Dalbandin ... | | ... | 065 05 | 015 09 | 360 18 | 320 20 |
| D. I. Khan ... | ... | ... | ... | | | |
| Drosh ... | ... | ... | ... | 310 00 | 080 03 | 050 09 |
| Fort Sandeman ... | ... | ... | ... | 025 07 | 325 41 | 7/0 27 |
| Gilgit ... | ... | ... | ... | 090 03 | 115 05 | 030 17 |
| Ishurdi ... | 370 06 | 345 07 | 340 07 | 310 23 | 275 | 255 34 |
| Jacobabad ... | 335 19 | 380 27 | 325 20 | 320 28 | 155 33 | 300 29 |
| Jessore ... | 165 06 | 170 06 | 180 06 | 290 11 | 275 28 | 265 26 |
| Jhelum ... | 360 11 | 010 12 | 030 14 | 085 12 | 26 | |
| Jiwani ... | 320 12 | 290 20 | 300 15 | 280 12 | 290 22 | 235 10 |
| Karachi ... | | | | ... | | ... |
| Khanpur ... | 255 13 | 235 14 | 250 15 | | | ... |
| Khuzdar ... | ... | | | 330 13 | 290 29 | ... |
| Lahore ... | 075 03 | 090 03 | 025 01 | ... | ... | ... |
| Multan ... | No | Ascent | | | | ... |
| Nawab Shah ... | 340 15 | 340 10 | 350 11 | 335 08 | 300 12 | 330 32 |
| Nokkundi ... | ... | ... | 080 07 | 080 08 | 080 09 | 070 13 |
| Panjgur ... | ... | | | 020 11 | 360 14 | 345 19 |
| Peshawar ... | ... | 265 06 | 270 06 | 280 08 | 280 08 | 285 20 |
| Parachinar ... | ... | ... | ... | 215 07 | 035 03 | ... |
| Quetta ... | ... | | | ... | ... | ... |
| Sargodha ... | 275 02 | 285 01 | ... | | | ... |
| Skardu ... | ... | | ... | 240 03 | 300 03 | ... |
| Sylhet ... | 085 13 | 090 04 | /// // | 275 10 | 300 23 | 280 34 |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 090 02 | 345 03 | 315 07 | 275 19 | 280 23 | 290 26 | 250 37 | ... | ... | | ... |
| Bogra ... | 180 04 | 200 04 | ... | | | | | | | | |
| Chaklala ... | ... | 145 02 | 140 05 | 025 05 | 305 18 | 280 18 | 255 13 | 260 16 | 230 18 | 265 23 | 280 29 |
| Chhor ... | 025 06 | 360 07 | 360 08 | 290 14 | 320 15 | 315 18 | 285 51 | 270 81 | 275 08 | 275 16 | ... |
| Chittagong ... | 015 06 | 015 07 | 350 00 | 320 13 | 265 21 | 255 20 | 260 44 | 260 78 | 260 73 | 260 80 | ... |
| Cherat ... | | | | | | | | | | | |
| Cox's Bazar ... | 345 04 | 320 04 | 300 05 | 290 09 | 285 10 | 270 31 | ... | ... | ... | ... | ... |
| Dacca ... | 040 06 | 040 05 | 315 06 | 315 12 | 285 20 | 280 31 | 285 43 | 270 53 | 270 60 | 280 80 | ... |
| Dalbandin ... | ... | ... | 085 05 | 040 06 | 015 11 | 310 17 | 305 28 | 295 41 | 290 47 | 280 57 | 275 80 |
| D. I. Khan ... | 055 07 | 060 04 | 060 03 | 275 11 | | | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 260 01 | 045 02 | 350 06 | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 260 04 | 295 07 | 330 22 | 320 49 | 320 50 | ... | ... | ... |
| Gilgit ... | | | | ... | | | | ... | ... | ... | ... |
| Ishurdi ... | 165 06 | 170 08 | 230 10 | 250 11 | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 345 13 | 325 08 | 315 08 | 315 09 | 330 23 | 340 26 | 340 29 | ... | ... | ... | ... |
| Jessore ... | 175 08 | 208 09 | 200 09 | 145 11 | 280 21 | 275 32 | 265 45 | 270 54 | 275 75 | 270 82 | ... |
| Jhelum ... | 025 03 | 130 04 | 125 04 | 040 04 | 360 02 | 330 16 | 265 15 | 255 17 | 230 17 | 335 22 | 270 76 |
| Jiwani ... | 045 03 | 300 03 | 300 03 | 250 05 | 265 14 | 285 24 | 280 47 | 275 70 | 270 84 | 260 93 | 275 95 |
| Karachi ... | 010 11 | 360 15 | 355 17 | 350 20 | 340 17 | 320 17 | 285 42 | 275 57 | 270 72 | 265 85 | ... |
| Khanpur ... | ... | ... | ... | | | | | | | ... | ... |
| Khuzdar ... | | | | 325 08 | 330 21 | 330 18 | 330 14 | 280 43 | 265 47 | ... | ... |
| Lahore ... | 045 03 | 055 04 | 060 05 | 070 06 | ... | | | | | ... | ... |
| Multan ... | 075 04 | 075 04 | 025 05 | 005 18 | 245 04 | 295 10 | 305 46 | 275 35 | 275 35 | ... | ... |
| Nawab Shah ... | 030 09 | 030 06 | 360 06 | 325 11 | 340 10 | 330 13 | 275 57 | 270 78 | | ... | ... |
| Nokkundi ... | ... | ... | 150 06 | 155 09 | 170 08 | 215 04 | 245 16 | 270 10 | 280 21 | ... | ... |
| Panjgur ... | ... | | | 035 05 | 350 08 | 320 17 | 290 30 | ... | | ... | ... |
| Peshawar ... | ... | 015 02 | 335 03 | 335 05 | 285 07 | 290 06 | | | | ... | ... |
| Parachinar ... | ... | ... | ... | 225 03 | 155 05 | 305 16 | 340 07 | /// // | 300 23 | 280 36 | 280 73 |
| Quetta ... | ... | ... | | | 225 04 | 310 17 | 300 31 | 300 43 | 300 47 | ... | ... |
| Sargodha ... | 100 02 | 065 04 | 060 04 | /// // | 060 05 | ... | ... | ... | ... | ... | ... |
| Skardu ... | | | | | | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 105 03 | 110 04 | 245 00 | 310 05 | 235 04 | ... | ... | ... | ... | ... | ... |
| Veraval ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 340 18 | 340 14 | 340 15 | 340 14 | 295 14 | 220 16 | 220 17 | 255 15 | 270 23 | 270 26 | 270 29 | 270 30 | ... | ... | ... | ... | ... | ... |
| Multan ... | 090 12 | 035 04 | 345 04 | 345 10 | 315 08 | 300 14 | 280 31 | 290 52 | 290 69 | 285 87 | ... | ... | ... | ... | ... | ... | ... | ... |
| 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.

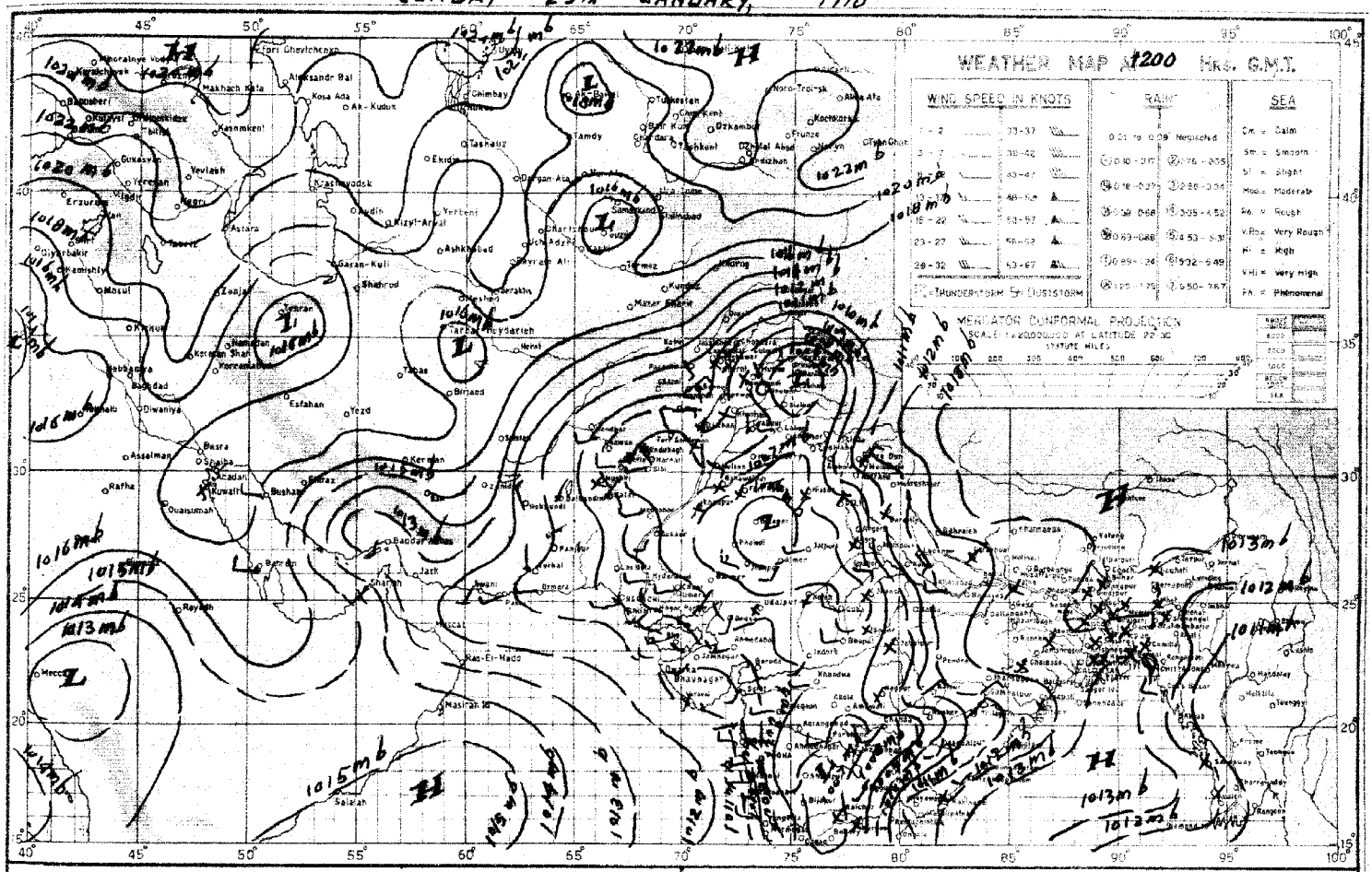
† The actual time of observations may vary within half an hour of the specified time.

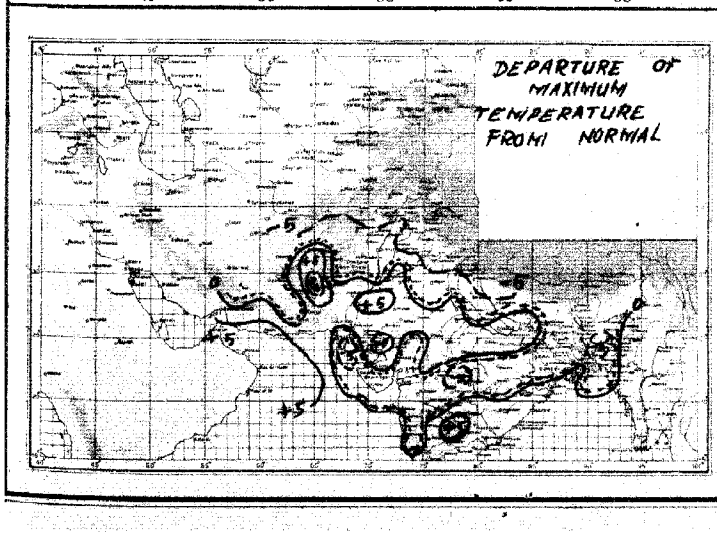
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

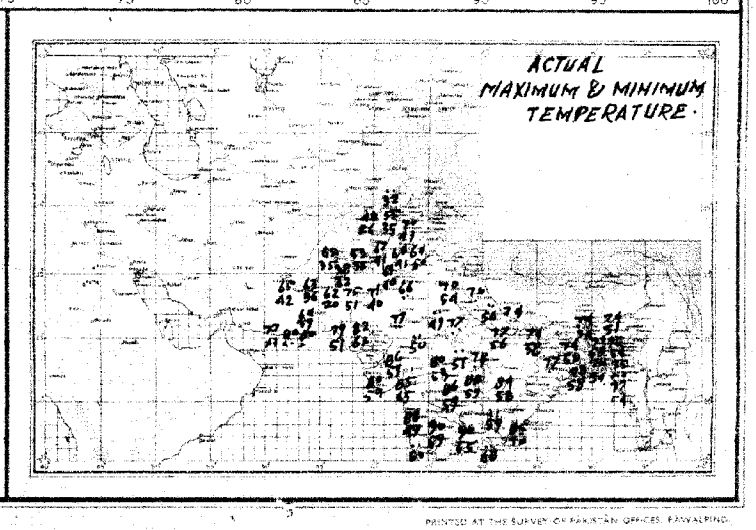
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SUNDAY 25th JANUARY, 1970



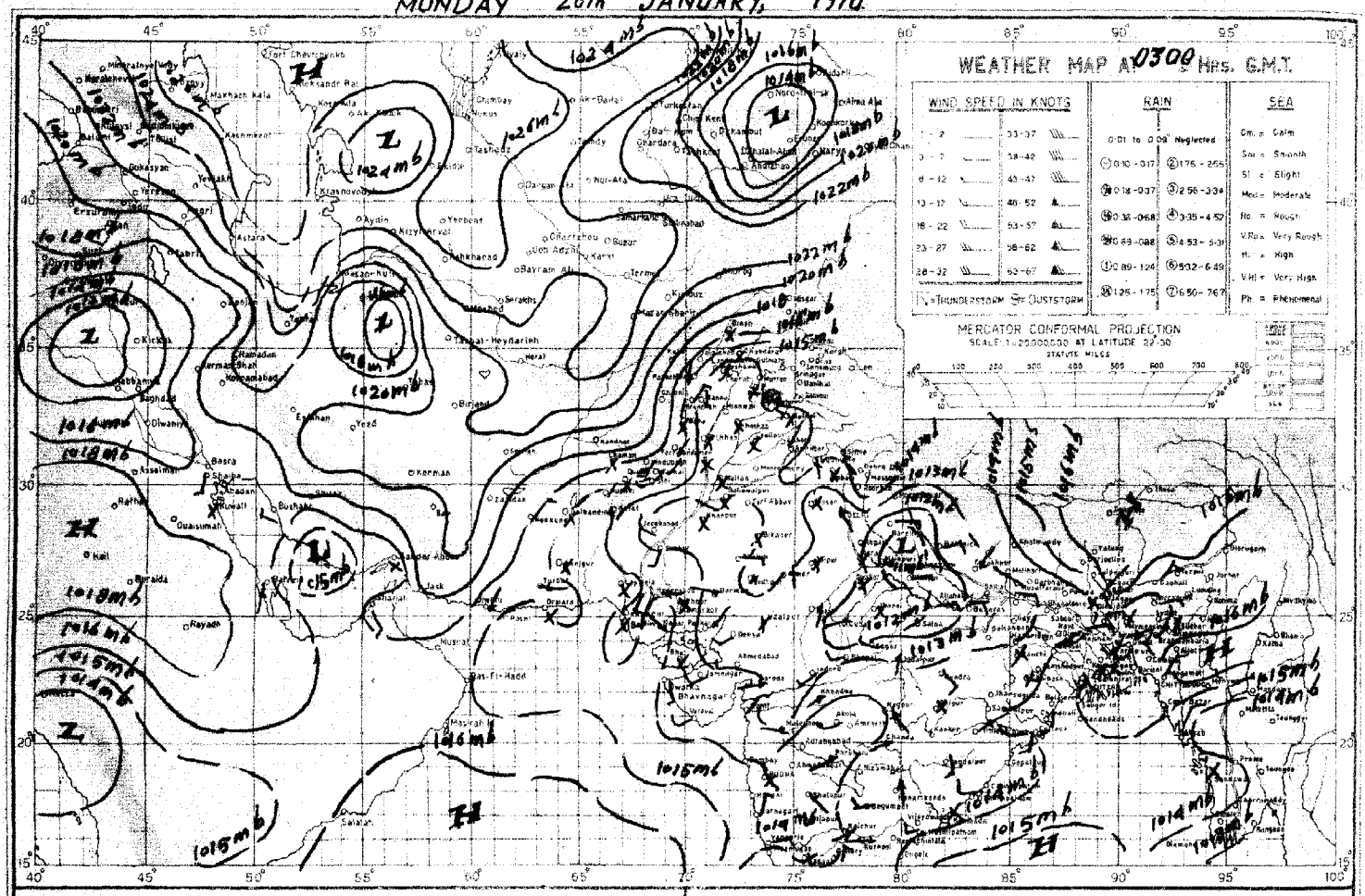



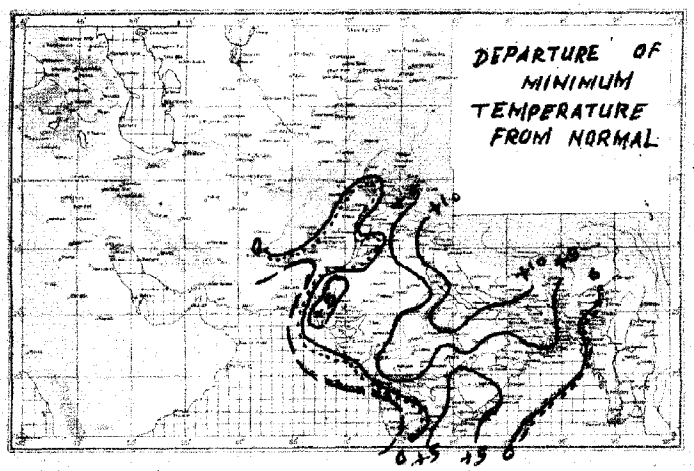



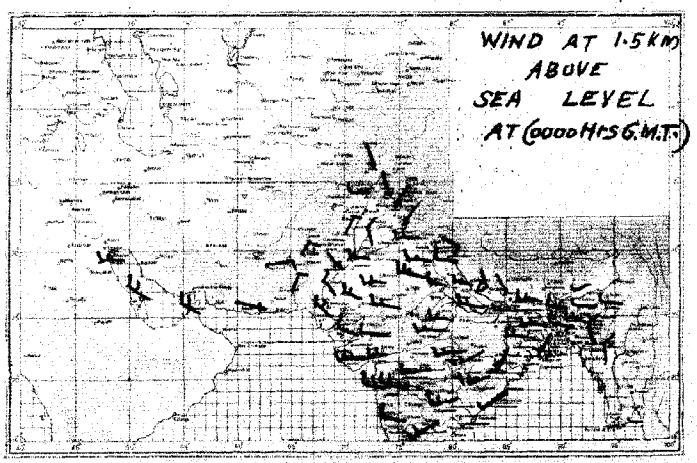

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

MONDAY 26th JANUARY, 1970



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Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**TUESDAY THE 27th JANUARY 1970.**

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

Yesterday's western disturbance over north central Iran is moving across north of Afghanistan. A trough of low pressure lies over Quetta and Kalat divisions.
A few falls of light rain/showers occurred in Rawalpindi and Peshawar divisions.
The westerly low pressure wave over Bihar is moving across West Bengal.
Rain has been scattered in Rajshahi division. A few falls of light rain occurred elsewhere in East Pakistan.
Rajshahi recorded ½" of rain.
Night temperatures were 5—10 °F (3—6 °C) above normal in East Pakistan and 3—4 °F (2—3 °C) so in Lahore and Sargodha divisions and were 3—8 °F (2—4 °C) below normal elsewhere in West Pakistan outside Rawalpindi, D. I. Khan, Karachi and Khairpur divisions.

**Forecast valid until the evening of 28th January 1970:-** Thunderstorms/showers will be local in Rajshahi, Khulna and Dacca divisions, scattered in Peshawar, Rawalpindi Chittagong divisions and Kashmir. A few falls of light rain/thundershowers likely in Quetta and Kalat divisions. Weather will remain dry elsewhere in the country.

Karachi-11
The 27th January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 4 | 18 | 02 | // | 01 | 1 | 177 | 76 | 3 | 3 | 6 | 0 | 0 | 44 | 82 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 09 | // | 02 | 0 | 108 | 74 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Chittagong | 000 | 0 | 6 | 27 | 02 | // | 03 | 2 | 112 | 73 | 6 | 0 | 9 | 3 | 0 | 55 | 86 |
| | Maijdee Court | 000 | 0 | 1 | 00 | 00 | // | 00 | 0 | 091 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 03 | 1 | 121 | 67 | 4 | 0 | 9 | 4 | 0 | 59 | 76 |
| | Sylhet | 000 | 0 | 6 | 00 | 00 | // | 03 | 0 | 107 | 66 | 1 | 5 | 5 | 3 | 0 | 54 | 75 |
| | Srimangal | 000 | 0 | 6 | 00 | 09 | // | 00 | 0 | 112 | 64 | 3 | 5 | 5 | 3 | 2 | 59 | 79 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Narayanganj | 000 | 0 | 8 | 00 | 00 | // | 03 | 5 | 110 | 73 | 8 | 6 | 3 | 0 | 0 | 60 | 80 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 110 | 72 | 2 | 5 | 5 | 3 | 0 | 58 | 78 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 2 | 116 | 70 | 6 | 4 | 5 | 2 | 0 | 29 | 76 |
| Khulna | Barisal | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 110 | 72 | 3 | 5 | 4 | 7 | 0 | 60 | 78 |
| | Khulna | 000 | 0 | 6 | 36 | 02 | 97 | 02 | 0 | 104 | 72 | 2 | 2 | 5 | 0 | 0 | 62 | 78 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 113 | 66 | 0 | 0 | 9 | 0 | 0 | 62 | 76 |
| | Jessore | 00/ | 3 | 1 | 10 | 05 | 96 | 02 | 6 | 109 | 72 | 1 | 0 | 9 | 3 | 0 | 60 | 78 |
| Rajshahi | Pabna | 000 | 0 | 7 | 00 | 00 | // | 03 | 2 | 102 | 72 | 6 | 4 | 9 | 3 | 0 | 62 | 76 |
| | Sirajganj | 000 | 0 | 8 | 18 | 02 | // | 02 | 2 | 109 | 70 | 8 | 0 | 7 | 8 | 0 | 58 | 73 |
| | Rajshahi | 038 | 4 | 8 | 13 | 04 | 95 | 60 | 6 | 108 | 67 | 5 | 4 | 5 | 2 | 1 | 66 | 73 |
| | Bogra | 000 | 0 | 5 | 13 | 02 | // | 01 | 2 | 107 | 70 | 3 | 5 | 5 | 7 | 0 | 60 | 77 |
| | Dinajpur | 000 | 0 | 5 | 00 | 00 | // | 01 | 6 | 099 | 67 | 5 | 0 | 9 | 2 | 1 | 60 | 73 |
| | Rangpur | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 2 | 115 | 72 | 5 | 0 | 9 | 2 | 0 | 52 | 73 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 05 | 02 | 96 | 01 | 1 | 132 | 62 | 3 | 4 | 6 | 3 | 0 | 48 | 62 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 130 | 44 | 0 | 0 | 9 | 0 | 0 | 56 | 60 |
| Rawalpindi | Jhelum | 068 | 9 | 2 | 00 | 00 | // | // | / | 138 | 59 | / | / | / | / | / | 41 | 64 |
| | Islamabad | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | /// | 55 | 3 | 5 | 7 | 2 | 0 | 39 | 55 |
| | Rawalpindi | 000 | 0 | 3 | 00 | 00 | 98 | 01 | 9 | 146 | 52 | 1 | 2 | 7 | 6 | 0 | 38 | 62 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 05 | 01 | 97 | 03 | 2 | 093 | 60 | 0 | 5 | 8 | 2 | 0 | 55 | 62 |
| | Sargodha | 000 | 1 | 1 | 00 | 00 | 97 | 01 | 1 | 118 | 60 | 1 | 1 | 6 | 0 | 0 | 49 | 60 |
| | Lyallpur | 000 | 0 | 4 | 08 | 00 | 95 | 02 | 0 | 140 | 59 | 4 | 5 | 8 | 0 | 0 | 51 | 60 |
| Multan | Sahiwal | 000 | 0 | 0 | 03 | 03 | 97 | 02 | 4 | 137 | 62 | 1 | 1 | 5 | 0 | 0 | 44 | 65 |
| | Multan | 000 | 0 | 8 | 36 | 03 | 96 | 02 | 2 | 121 | 76 | 0 | 0 | 9 | 0 | 8 | 38 | 76 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 9 | 0 | 00 | 00 | 97 | 02 | 4 | 132 | 66 | 0 | 0 | 9 | 0 | 0 | 44 | 66 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 137 | 72 | 0 | 0 | 9 | 0 | 0 | 48 | 65 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 96 | 00 | 0 | 129 | 65 | 0 | 0 | 9 | 0 | 0 | 52 | 65 |
| Malakand | Chakdra | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 4 | 133 | 44 | 2 | 5 | 5 | 2 | 0 | 42 | 44 |
| Peshawar | Peshawar | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 1 | 145 | 55 | 1 | 1 | 6 | 0 | 0 | 44 | 55 |
| | Haripur | 002 | 5 | 0 | 18 | 07 | 98 | 00 | 6 | 144 | 50 | 0 | 0 | 9 | 0 | 0 | 44 | 58 |
| D. I. Khan | Bannu | | | | | | | | | | | | | | | | | |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 121 | 62 | 0 | 0 | 9 | 0 | 0 | 44 | 62 |
| Quetta | Sibi | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 120 | 75 | 0 | 0 | 9 | 0 | 0 | 52 | 76 |
| | Nokkundi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 129 | 65 | 0 | 0 | 9 | 0 | 0 | 33 | 66 |
| Kalat | Turbat | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 153 | 77 | 0 | 0 | 9 | 0 | 0 | 26 | 77 |
| | Jiwani | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 136 | 73 | 0 | 0 | 9 | 0 | 0 | 53 | 75 |
| | Pasni | 000 | 0 | 0 | 25 | 08 | 97 | 02 | 0 | 136 | 78 | 0 | 0 | 0 | 0 | 0 | 62 | 80 |
| Karachi division | Ormara | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 2 | 132 | 76 | 0 | 0 | 9 | 0 | 0 | 48 | 79 |
| | Lasbela | 000 | 0 | 0 | 18 | 01 | 98 | 00 | 0 | 104 | 84 | 0 | 0 | 8 | 0 | 0 | 35 | 86 |
| | Karachi (Manora) | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 127 | 74 | 0 | 0 | 9 | 0 | 0 | 50 | 80 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 09 | 96 | 02 | 0 | 122 | 75 | 0 | 0 | 9 | 0 | 0 | 31 | 81 |
| Hyderabad | Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 142 | 77 | 0 | 0 | 0 | 0 | 0 | 77 | // |
| | Chhor | | | | | | | | | | | | | | | | | |
| | Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 131 | 77 | 0 | 0 | 9 | 0 | 0 | 36 | 79 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 124 | 88 | 0 | 0 | 9 | 0 | 0 | 48 | // |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 121 | 75 | 0 | 0 | 9 | 0 | 0 | 26 | // |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 132 | 75 | 0 | 0 | 9 | 0 | 0 | 41 | 78 |
| | Sukkur | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 095 | 73 | 0 | 0 | 9 | 0 | 0 | 44 | 76 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 122 | 73 | 0 | 0 | 9 | 0 | 0 | 34 | 75 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * | 000 | 0 | 0 | 34 | 02 | 98 | 02 | 0 | 470 | 42 | 0 | 0 | 9 | 0 | 0 | 39 | 42 |
| | Kakul * | 009 | 2 | 6 | 13 | 03 | 98 | 01 | 6 | 473 | 41 | 4 | 5 | 6 | 2 | 0 | 30 | 44 |
| | Landikotal * | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 6.8 | 36 | 0 | 0 | 9 | 0 | 0 | 39 | 60 |
| | Prachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah * | | | | | | | | | | | | | | | | | |
| | Wana * | 0'8 | 0 | 0 | 13 | 06 | 99 | 00 | 0 | 437 | 49 | 0 | 0 | 9 | 0 | 0 | 34 | // |
| Quetta | Fort Sandeman * | 000 | 0 | 1 | 31 | 05 | 98 | 03 | 0 | 471 | 51 | 1 | 1 | 7 | 0 | 0 | // | 52 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 01 | 97 | 02 | 0 | | 44 | 0 | 0 | 9 | 0 | 0 | 29 | 35 |
| | Loralai * | 000 | 0 | 0 | 36 | 05 | 98 | 00 | 0 | 489 | 54 | 0 | 0 | 9 | 0 | 0 | 37 | 55 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 456 | 61 | 0 | 0 | 9 | 0 | 0 | 17 | 62 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 02 | 97 | 03 | 0 | 493 | 45 | 2 | 2 | 6 | 0 | 0 | 16 | 47 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 492 | 50 | 0 | 0 | 9 | 0 | 0 | 34 | // |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 544 | 35 | 0 | 0 | 9 | 0 | 0 | 42 | 56 |
| | Dalbandin * | 000 | 0 | 1 | 00 | 00 | 98 | 02 | 0 | 507 | 60 | 0 | 0 | 9 | 0 | 0 | 18 | 63 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 03 | 98 | 02 | 2 | 490 | 41 | 0 | 0 | 9 | 0 | 0 | 15 | 63 |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 492 | 46 | 0 | 0 | 9 | 0 | 0 | 17 | 88 |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 1 | 138 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 62 | | | — | — | — | — |
| | Cox's Bazar | 000 | 0 | 0 | 09 | 05 | 96 | 03 | 0 | 127 | 68 | 0 | 0 | 9 | 2 | 0 | 59 | 60 | — 1 | + 3 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 127 | 69 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | + 1 | + 5 | 1.3 | — 1.7 | 0.0 | 196 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 128 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — 1 | — 3 | — | — | — | 115 |
| | Comilla | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 135 | 67 | 0 | 0 | 9 | 0 | 0 | 63 | 56 | — | — 3 | 0.4 | — 1.3 | 0.1 | 94 |
| | Brahmanbaria | 090 | 0 | 7 | 13 | 07 | 94 | 03 | 2 | /// | 65 | 4 | 5 | 5 | 4 | 0 | 60 | 59 | — | — | 1.1 | — 0.2 | 0.0 | 78 |
| | Sylhet | 000 | 0 | 1 | 13 | 07 | 96 | 95 | 9 | 128 | 59 | 5 | 3 | 4 | 2 | 0 | 56 | 58 | — | — | 2.5 | — | 1.0 | — |
| | Srimangal | 000 | 0 | 3 | 00 | 00 | 90 | 02 | 0 | 127 | 64 | 0 | 0 | 9 | 2 | 2 | 56 | 56 | — 9 | + 8 | 2.2 | + 0.3 | 0.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 7 | 00 | 00 | 97 | 60 | 6 | 131 | 61 | 5 | 5 | 4 | 0 | 0 | 61 | 59 | — | + 5 | 1.1 | 0.0 | 0.9 | 91 |
| | Narayanganj | 000 | 0 | 8 | 23 | 02 | 97 | 03 | 5 | 123 | 69 | 0 | 6 | 3 | 0 | 0 | 62 | 65 | — 1 | + 10 | 1.7 | + 0.3 | 0.3 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 8 | 05 | 03 | 95 | 10 | 4 | 127 | 65 | 3 | 5 | 5 | 7 | 0 | 64 | 58 | 0 | — | 1.9 | — | 0.6 | — |
| | Faridpur | 001 | 0 | 8 | 20 | 02 | 96 | 60 | 2 | 119 | 64 | 4 | 6 | 5 | 1 | 0 | 60 | 60 | 0 | + 7 | 2.3 | + 0.7 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 122 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 58 | 0 | + 3 | — | — | — | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 121 | 73 | 0 | 0 | 9 | 0 | 0 | 68 | 62 | 0 | + 6 | 1.4 | — 0.3 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 6 | 18 | 03 | 96 | 00 | 0 | 104 | 65 | 6 | 3 | 9 | 7 | 9 | 45 | 52 | — | + 2 | 0.2 | — 2.0 | 0.0 | 68 |
| | Jessore | 007 | 9 | 7 | 21 | 05 | 96 | 05 | 2 | 117 | 69 | 7 | 6 | 2 | 0 | 0 | 65 | 60 | — | — | 2.0 | + 0.6 | 0.9 | 65 |
| Rajshahi | Pabna | 000 | 0 | 6 | 18 | 02 | 97 | 03 | 1 | 113 | 69 | 6 | 5 | 7 | 0 | 0 | 65 | 60 | — | — | 1.1 | — | 1.3 | 59 |
| | Sirajganj | 000 | 0 | 8 | 13 | 01 | 97 | 02 | 2 | 116 | 62 | 8 | 0 | 7 | 1 | 0 | 60 | 59 | — | + 7 | 1.9 | + 0.7 | 1.5 | 64 |
| | Rajshahi | 028 | 9 | 8 | 13 | 03 | 95 | 60 | 2 | 125 | 64 | 8 | 7 | 3 | 2 | 1 | 64 | 62 | — 3 | + 10 | 4.1 | + 3.1 | 1.1 | — |
| | Bogra | 000 | 0 | 0 | 05 | 01 | 96 | 01 | 0 | 114 | 63 | 6 | 3 | 3 | 7 | 1 | 58 | 61 | + 1 | + 9 | 1.7 | + 0.6 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 8 | 119 | 65 | 7 | 5 | 6 | 0 | 0 | 61 | 58 | — 3 | + 3 | 1.6 | — 0.9 | 0.8 | 72 |
| | Rangpur | 000 | 0 | 8 | 05 | 02 | 96 | 01 | 6 | 121 | 63 | 5 | 5 | 6 | 2 | 0 | 59 | 54 | — 2 | + 4 | 2.3 | + 1.4 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 8 | 09 | 08 | 95 | 01 | 0 | 174 | 47 | 0 | 9 | 8 | 9 | 8 | 40 | 45 | — 7 | + 4 | 0.5 | — 1.0 | 0.5 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 0 | 170 | 45 | 0 | 0 | 9 | 0 | 0 | 29 | // | | — | — | | — | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 8 | 183 | 47 | 0 | 0 | 9 | 0 | 0 | 45 | // | | — | 1.7 | — | 1.6 | — |
| | Islamabad | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | /// | 43 | 2 | 4 | 8 | 0 | 0 | 36 | 38 | — | — | — | | — | — |
| | Rawalpindi | 000 | 0 | 0 | 07 | 08 | 56 | 08 | 8 | 193 | 38 | 8 | 8 | 9 | 8 | 8 | 38 | 38 | | — 1 | 3.7 | + 0.3 | 3.6 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 189 | 47 | 0 | 0 | 9 | 0 | 0 | 45 | 45 | — 5 | + 3 | 0.3 | — 0.9 | 0.3 | 15 |
| | Sargodha | 000 | 0 | 8 | 00 | 00 | 94 | 44 | 4 | 184 | 40 | 8 | 0 | 9 | 0 | 0 | 38 | 38 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 80 | 0 | 185 | 43 | 0 | 0 | 9 | 0 | 0 | // | 40 | — 8 | — 1 | 0.2 | — 0.5 | 0.2 | 12 |
| Multan | Sahiwal | 000 | 0 | 0 | 00 | 00 | 90 | 45 | 4 | 190 | // | 5 | 1 | 0 | 1 | 1 | 40 | 38 | — 3 | — 5 | 0.1 | — 0.5 | 0.1 | 18 |
| | Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 8 | | | | | 8 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 92 | 47 | 0 | 205 | 45 | 0 | 8 | 9 | 0 | 0 | 54 | 40 | — 9 | — 3 | 0.0 | — 0.3 | 0.0 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 58 | 9 | 8 | 9 | 0 | 0 | 42 | 58 | — | — | — | — | — | 8 |
| Malakand | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Peshawar | Peshawar | 000 | 0 | 1 | 18 | 03 | 97 | 01 | 1 | 196 | 40 | 1 | 0 | 9 | 3 | 0 | 38 | 38 | — 12 | — 3 | 1.0 | — 1.1 | 0.5 | 11 |
| | Haripur | 002 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 198 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 38 | — | — | — | — | — | — |
| D. I. Khan | Bannu | | | | | | | | | | | | | | | | | | | | | | | 11 |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 190 | 41 | 0 | 0 | 9 | 0 | 0 | 42 | 40 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 169 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 43 | — | — | 1.4 | | 1.4 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 159 | 54 | 0 | 0 | 9 | 0 | 0 | 59 | 53 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 156 | 61 | 2 | 6 | 5 | 0 | 0 | 55 | 60 | — | — | 7.6 | — | 6.8 | 8 |
| | Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 6 | | | | | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 166 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | // | — | — | 0.7 | — 1.1 | 0.7 | 6 |
| | Lasbela | 000 | 0 | 2 | 09 | 03 | 98 | 00 | 0 | 170 | 49 | 0 | 0 | 8 | 0 | 0 | 36 | 44 | — | 0 | — | — | 0.0 | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 01 | 96 | 02 | 0 | 167 | 59 | 0 | 0 | 9 | 0 | 0 | 49 | // | + 5 | — | 0.3 | — 0.3 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 169 | 52 | 0 | 0 | 0 | 0 | 0 | 41 | 49 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparker | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 174 | 58 | 0 | 0 | 9 | 0 | 0 | 35 | 58 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | | | | | | | | | | | | | | | | | | | | | | | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 02 | 96 | 05 | 0 | 176 | 53 | 0 | 0 | 9 | 0 | 0 | 39 | 51 | + 2 | 8 | 0.1 | — | 0.1 | 8 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 97 | 03 | 0 | 167 | 48 | 0 | 0 | 9 | 0 | 0 | 36 | 46 | + 1 | + 5 | 0.1 | — 0.1 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 8 | 177 | 42 | 0 | 0 | 9 | 0 | 0 | 35 | 36 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 182 | 46 | 0 | 0 | 9 | 0 | 0 | 35 | 37 | — | — | 0 0 | — | 0.8 | 4 |
| | Sukkur | 000 | 0 | 0 | 13 | 05 | 95 | 05 | 4 | 179 | 51 | 0 | 0 | 9 | 0 | 0 | 45 | 47 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 09 | 07 | 96 | 02 | 0 | 175 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 46 | — 3 | 0 | 0.1 | — 0.2 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 86 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 16 |
| Malakand | Drosh * | 000 | 0 | 0 | 13 | 03 | 99 | 02 | 0 | 516 | 29 | 0 | 0 | 9 | 0 | 0 | 18 | 27 | — | — 5 | 1.3 | — | 0.7 | 29 |
| Peshawar | Cherat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 6 | | | | | — |
| | Kakul * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 29 |
| | Prachinar * | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 516 | 21 | 0 | 0 | 9 | 0 | 0 | 23 | 24 | — | — 5 | 1.3 | — | 0.7 | 13 |
| D.I. Khan | Miranshah * | | | | | | | | | | | | | | | | | | | | | | | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 475 | 32 | 0 | 0 | 9 | 0 | 0 | 22 | 27 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 503 | 29 | 0 | 0 | 9 | 0 | 0 | 20 | 28 | — 8 | — 7 | — | — | — | — |
| | Hindubagh * | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | /// | 14 | 0 | 0 | 9 | 0 | 0 | 10 | 18 | — | — | 0.0 | — | 0.4 | 9 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 490 | 38 | 0 | 0 | 9 | 0 | 0 | 32 | 30 | — | — | 0.1 | — | 0.0 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 31 | 07 | 96 | 02 | 0 | 470 | 33 | 0 | 0 | 9 | 0 | 0 | 36 | 37 | — | — | — | — | — | 9 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 515 | 30 | 0 | 0 | 9 | 0 | 0 | 26 | 27 | — | — | 1.5 | — 1.4 | 0.8 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 459 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | — | — | 6.3 | — 3.3 | 6.3 | — |
| | Nushki * | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 541 | 45 | 0 | 0 | 9 | 0 | 0 | 31 | // | — | — | — | — | — | 4 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 486 | 37 | 0 | 0 | 9 | 0 | 0 | 28 | 35 | — 2 | — 4 | 1.3 | — 0.1 | 1.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 01 | 58 | 00 | 2 | 515 | 28 | 0 | 0 | 9 | 0 | 0 | 26 | 23 | + 10 | — 5 | 0.0 | — 1.3 | 0.0 | — |
| | Khuzdar * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 497 | 37 | 0 | 0 | 9 | 0 | 0 | 21 | 37 | — | — | — | — | — | 8 |
| | Panjgur * | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 485 | 40 | 0 | 0 | 9 | 0 | 0 | 23 | 34 | — 4 | — 8 | 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 888 see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 27th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhCLhCMCH | DsVsa PP | 7RR tata | 8NsCh hs | 0TsTsTdTd | 1TwTwTwT | 3PwPwHwHw | dwdwPwHwHw |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Diadema ... ... | 99 1 89 | 10 6 41 | 26 0 63 | 33 1 09 | 98 0 20 | 16 9 24 | 31 4 00 | | | | 0 / / 15 | 12 4 00 | 30 4 03 | 00 / 00 |
| Brandon ... ... | 99 2 17 | 10 6 65 | 26 1 23 | 10 2 07 | 98 0 21 | 11 5 00 | 74 6 10 | | | | 0 / / 12 | 12 0 05 | 30 0 01 | 20 5 02 |
| Naeco ... ... | 99 2 50 | 10 5 79 | 26 1 83 | 03 2 07 | 99 0 20 | 15 9 20 | 02 9 00 | | | | 0 / / 17 | 12 3 36 | 30 0 01 | ... |
| Barendrecht | 90 1 97 | 10 6 27 | 26 1 83 | 10 5 05 | 98 0 20 | 15 0 23 | 11 4 00 | | | | 0 / / 11 | 12 3 51 | 30 3 01 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo | 1000 mb (hhh TTTa DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | | ... | 400 094 50 | 061 050 // | 573 095 // | /// /// // | 958 208 11 | 236 515 // | 418 645 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 009 182 33 | ... | 430 084 20 | 032 005 01 | 567 115 57 | 736 115 60 | 948 303 58 | 225 519 // | 405 657 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 010 144 34 | ... | 400 024 22 | 003 041 // | 557 201 // | 719 213 // | 923 351 // | 197 481 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 003 040 18 | ... | 480 036 21 | 020 751 // | 552 311 // | 709 351 // | 904 431 // | .. | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 975 050 06 | ... | 400 018 08 | 006 067 16 | 555 265 17 | 712 405 // | 902 487 // | 166 511 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 820 333 32 | ... | ... | 965 083 // | 548 241 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 994 084 56 | ... | 540 034 50 | 804 091 58 | 693 318 // | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE PtTtPtTtTtTst | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 980 110 59 | 800 058 36 | 600 019 // | 350 189 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 112 47 | 600 047 57 | 350 205 59 | 250 763 95 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 235 02 | 180 01 | 290 01 | 270 16 | 275 16 | ... | ... | — | ... |
| Bogra | 160 07 | 185 07 | 225 09 | 245 11 | 278 16 | ... | ... | ... | — |
| Chaklala | — | — | — | — | ... | ... | ... | ... | .. |
| Chhor | 320 07 | 325 11 | 225 19 | 345 09 | 315 08 | 355 09 | 301 27 | 290 49 | 275 55 |
| Chittagong | 320 10 | 350 06 | 350 07 | 275 15 | 260 18 | 250 24 | ... | ... | ... |
| Cherat | ... | .. | .. | — | ... | ... | — | ... | — |
| Cox's Bazar | 305 12 | 315 12 | 310 10 | 345 05 | 355 07 | ... | — | ... | ... |
| Dacca | 200 01 | 170 02 | 220 04 | 135 09 | 260 11 | ... | ... | — | |
| Dalbandin | ... | | 075 03 | 190 08 | 050 03 | 320 14 | 290 36 | 310 40 | 285 43 |
| D. I. Khan | 130 04 | 130 05 | 135 04 | 210 04 | 310 08 | 300 12 | 315 95 | 320 24 | 320 28 |
| Drosh | ... | ... | ... | 150 06 | 250 06 | 170 01 | 310 09 | ... | ... |
| Fort Sandeman | ... | ... | ... | 330 09 | 290 08 | 310 14 | 310 40 | 305 38 | 295 57 |
| Gilgit | ... | ... | | 260 01 | 225 03 | 180 03 | 010 03 | 164 09 | 185 08 |
| Ishurdi | 165 13 | 185 15 | 195 18 | ... | ... | ... | ... | ... | .. |
| Jacobabad | 305 05 | 330 06 | 325 06 | 340 19 | 320 59 | 315 24 | 305 42 | ... | ... |
| Jessore | 190 12 | 195 11 | 220 12 | 260 12 | 270 15 | 275 17 | .. | — | — |
| Jhelum | 110 01 | 060 01 | 075 03 | 360 14 | 345 09 | 310 17 | 290 23 | .. | .. |
| Jiwani | 235 08 | 215 04 | 215 07 | 235 09 | 295 14 | 295 27 | 285 43 | 285 56 | 285 95 |
| Karachi | 290 11 | 70 01 | 315 01 | 340 02 | 360 15 | 295 25 | 290 68 | 285 64 | — |
| Khanpur | 330 12 | 330 12 | 340 11 | 0 0 3 | 360 19 | 295 26 | 335 12 | 330 51 | 303 55 |
| Khuzdar | | | ... | 310 [illegible] | 310 12 | 305 25 | 280 59 | /// // | 275 71 |
| Lahore | 070 03 | 330 02 | 320 02 | 260 02 | ... | ... | .. | ... | ... |
| Multan | 090 09 | 070 11 | 075 10 | 165 [illegible] | 300 07 | 320 07 | 325 43 | 305 43 | .. |
| Nawab Shah | 360 04 | 350 04 | 260 03 | 355 06 | 295 09 | 300 23 | ... | ... | ... |
| Nokkundi | .. | ... | 125 03 | 130 05 | 330 13 | 280 13 | 315 10 | 320 15 | .. |
| Panjgur | — | .. | ... | 160 07 | 275 03 | 290 09 | 290 17 | 295 26 | 295 35 |
| Peshawar | .. | 085 03 | 165 03 | 280 10 | 290 15 | ... | ... | ... | .. |
| Parachinar | — | ... | — | 235 10 | 185 05 | 330 12 | 330 22 | 300 13 | 315 32 |
| Quetta | ... | — | | | 305 15 | 300 10 | 290 13 | 280 45 | 275 45 |
| Sargodha | 210 02 | 115 01 | 105 03 | 255 [illegible] | 180 01 | ... | ... | — | ... |
| Skardu | No | Ascent | | | -- | - | ... | ... | ... |
| Sylhet | 190 07 | 275 03 | 105 03 | 265 79 | 255 18 | 280 31 | .. | — | ... |
| Veraval | ... | — | ... | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T.† of date (dd fff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 230 09 | 240 09 | 230 11 | 250 10 | 255 13 | — |
| Bogra | 210 03 | 200 09 | 040 03 | ... | ... | .. |
| Chaklala | ... | 350 05 | 320 05 | 295 04 | 265 08 | 360 08 |
| Chhor | 066 19 | 060 12 | 340 02 | 310 01 | 360 14 | 335 29 |
| Chittagong | 220 19 | 230 21 | 220 19 | ... | ... | ... |
| Cherat | — | ... | ... | — | ... | ... |
| Cox's Bazar | 345 07 | 335 06 | 280 05 | 260 10 | 255 15 | 275 12 |
| Dacca | 240 10 | 275 20 | | | | |
| Dalbandin | — | .. | 080 05 | 090 07 | 310 04 | 330 05 |
| D. I. Khan | 005 04 | 040 03 | 340 03 | 270 03 | 265 05 | 265 03 |
| Drosh | -- | . | .. | . | -- | .. |
| Fort Sandeman | ... | ... | ... | ... | | .. |
| Gilgit | ... | ... | | 030 03 | 040 11 | 005 05 |
| Ishurdi | 235 05 | 255 07 | 285 05 | 300 19 | 325 32 | |
| Jacobabad | 275 03 | 195 03 | 225 03 | 290 03 | 310 17 | 335 13 |
| Jessore | 225 23 | 230 34 | 245 22 | 210 08 | 230 07 | — |
| Jhelum | 330 08 | 335 17 | 330 16 | 315 15 | 315 17 | 305 21 |
| Jiwani | 240 07 | 250 07 | 255 08 | 255 06 | 265 05 | 270 13 |
| Karachi | — | ... | — | ... | — | .. |
| Khanpur | 035 11 | 035 12 | 035 13 | 360 73 | ... | |
| Khuzdar | ... | ... | ... | 345 06 | 320 13 | 285 73 |
| Lahore | 345 09 | 345 13 | 340 12 | 355 18 | 340 13 | 005 17 |
| Multan | 090 03 | 070 08 | 090 85 | 335 03 | 360 03 | 025 10 |
| Nawab Shah | 115 04 | 205 03 | 220 06 | 285 02 | 310 13 | 225 22 |
| Nokkundi | ... | .. | 330 09 | 345 05 | 360 03 | 250 03 |
| Panjgur | — | — | ... | 360 10 | 345 11 | 330 25 |
| Peshawar | ... | 240 02 | 320 06 | 300 23 | 300 20 | 270 15 |
| Parachinar | ... | ... | ... | 270 08 | 275 01 | ... |
| Quetta | — | ... | — | ... | ... | ... |
| Sargodha | 320 10 | 230 05 | 345 05 | 225 06 | 250 31 | — |
| Skardu | ... | .. | ... | 130 03 | 265 09 | 290 08 |
| Sylhet | 150 26 | 180 22 | 215 27 | 240 22 | ... | ... |
| Veraval | — | — | — | — | ... | — |

At 0600 hrs. G.M.T.† of date (dd fff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 205 12 | 225 18 | 235 19 | 240 23 | 240 26 | | | ... | — | | ... |
| Bogra | 230 03 | 285 05 | 290 03 | 290 17 | 305 67 | 315 06 | 290 13 | 295 09 | 290 14 | 295 10 | ... |
| Chaklala | ... | 200 09 | 040 00 | | | ... | . | ... | ... | ... | .. |
| Chhor | 075 09 | 035 11 | 355 11 | 030 08 | 015 07 | 340 13 | 320 17 | 290 25 | 310 40 | 315 49 | ... |
| Chittagong | 200 07 | 205 18 | 220 17 | 240 16 | 240 29 | 250 33 | 250 56 | 265 54 | 280 62 | 245 22 | ... |
| Cherat | — | — | — | — | ... | ... | — | ... | ... | --- | ... |
| Cox's Bazar | 310 03 | 295 02 | 240 04 | 255 23 | 255 15 | 205 21 | ... | ... | ... | .. | ... |
| Dacca | 270 10 | 270 13 | 255 15 | ... | — | ... | ... | ... | | ... | ... |
| Dalbandin | ... | ... | 085 08 | 130 09 | 140 08 | 185 04 | 255 27 | 275 40 | 270 47 | 285 70 | 280 44 |
| D. I. Khan | 230 01 | 220 03 | 200 04 | 185 05 | 225 06 | 260 08 | 315 13 | 305 14 | 290 13 | 330 15 | 280 46 |
| Drosh | ... | - | — | 075 05 | 025 09 | 010 10 | 215 18 | 260 13 | 275 17 | 295 49 | 305 25 |
| Fort Sandeman | ... | ... | .. | 245 03 | 240 04 | 310 09 | 009 04 | 320 02 | 280 03 | 305 12 | 275 32 |
| Gilgit | | | | 005 07 | 045 03 | 035 02 | 040 11 | ... | . | | ... |
| Ishurdi | 275 07 | 300 30 | 325 23 | — | | — | ... | | ... | - | ... |
| Jacobabad | 125 14 | 230 07 | 080 07 | 065 01 | 351 21 | 330 17 | 280 33 | 275 53 | 270 71 | 265 88 | ... |
| Jessore | 265 15 | 270 16 | 280 19 | 290 22 | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | 315 11 | 310 10 | 290 16 | 220 09 | 308 10 | 305 18 | 280 20 | 265 23 | 270 23 | ... | .. |
| Jiwani | 210 07 | 215 07 | 210 09 | 187 07 | 295 15 | 280 19 | 290 32 | .. | 285 46 | ... | ... |
| Karachi | 145 08 | 200 02 | 235 02 | 320 04 | 010 06 | 275 12 | 290 28 | 310 49 | 310 47 | . | ... |
| Khanpur | .. | . | ... | | ... | .. | ... | | | ... | ... |
| Khuzdar | ... | | — | 135 02 | 220 05 | 310 11 | 285 31 | 285 48 | 290 47 | | ... |
| Lahore | 320 05 | 315 10 | 310 11 | 310 19 | 320 16 | 320 17 | 352 21 | 310 24 | 285 20 | 185 23 | 290 24 |
| Multan | 130 15 | 130 04 | 130 03 | 175 05 | 210 08 | 285 11 | 300 12 | 285 33 | 280 44 | 280 65 | 280 66 |
| Nawab Shah | 170 06 | 180 04 | 240 04 | 005 04 | 350 15 | 315 17 | 285 35 | 300 79 | 300 85 | 300 86 | ... |
| Nokkundi | ... | — | 110 14 | 130 21 | 140 31 | 225 08 | 250 27 | 260 25 | 270 24 | — | — |
| Panjgur | - | ... | ... | 210 05 | 210 11 | 215 08 | 270 19 | 270 17 | 270 25 | ... | — |
| Peshawar | — | .. | ... | ... | — | ... | — | ... | .. | ... | ... |
| Parachinar | — | ... | — | | ... | ... | ... | | | ... | ... |
| Quetta | ... | ... | ... | ... | 345 03 | 330 12 | 305 18 | 295 06 | 285 33 | 285 56 | .. |
| Sargodha | 320 05 | 355 04 | 355 05 | 320 04 | 330 17 | 340 09 | 325 36 | 325 25 | 330 43 | . | ... |
| Skardu | ... | ... | ... | - | — | ... | ... | .. | ... | ... | ... |
| Sylhet | No | Ascent | - | ... | ... | ... | ... | - | ... | ... | ... |
| Veraval | — | ... | ... | ... | ... | — | — | ... | ... | ... | — |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.8 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 085 06 | 280 11 | 270 13 | 250 05 | 340 07 | 305 11 | 285 25 | 298 42 | 290 58 | 286 01 | 261 [illegible] | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

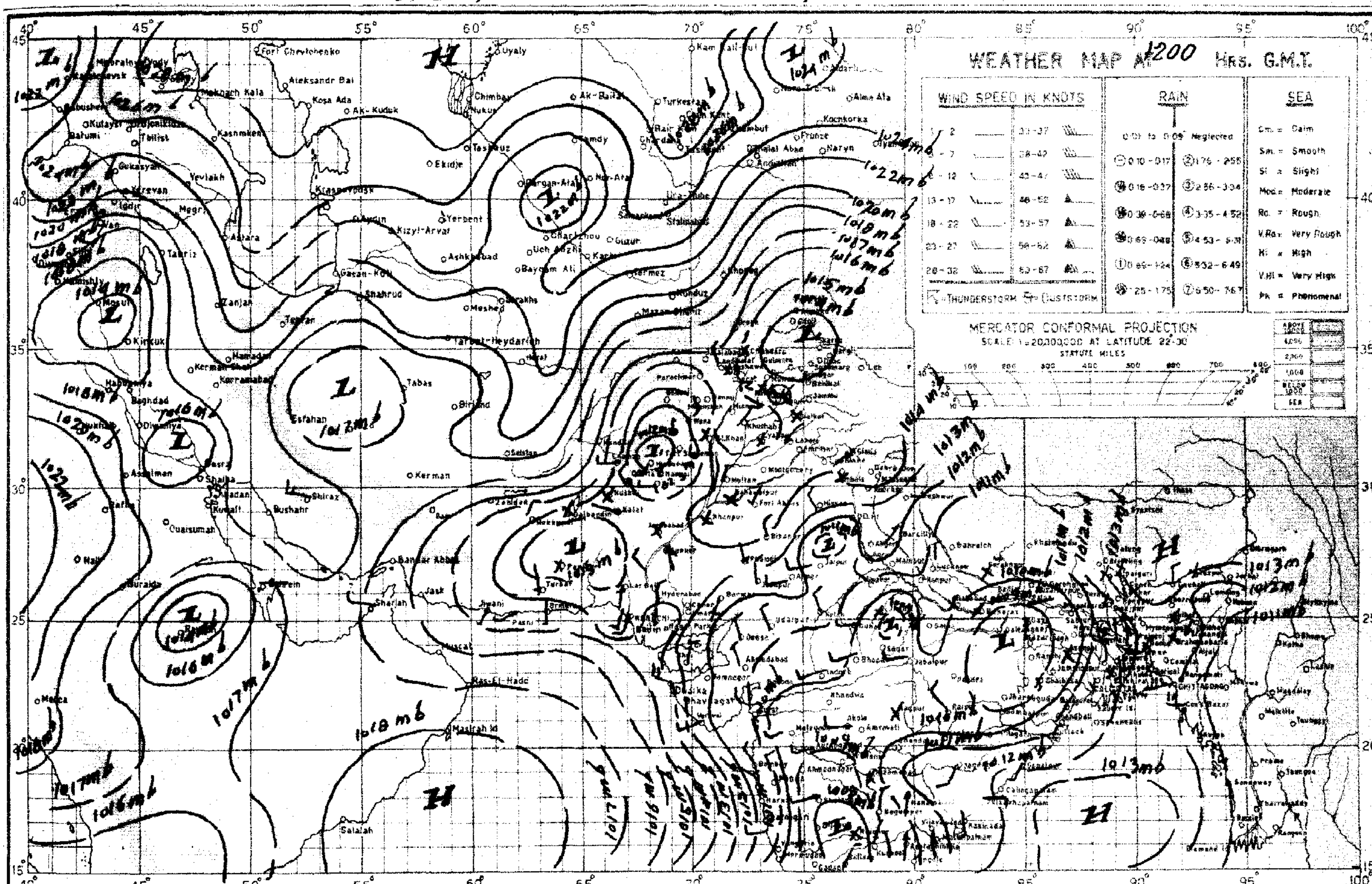
† The actual time of observations may vary within half an hour of the specified time.

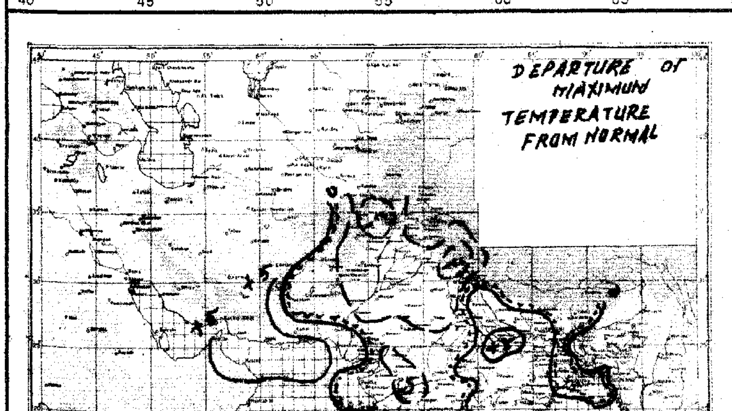
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

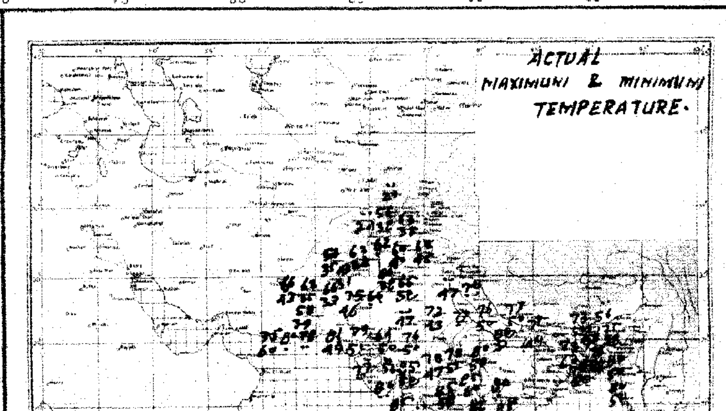
The accuracy of individual entries in this report cannot ... be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

MONDAY 26th JANUARY, 1970.



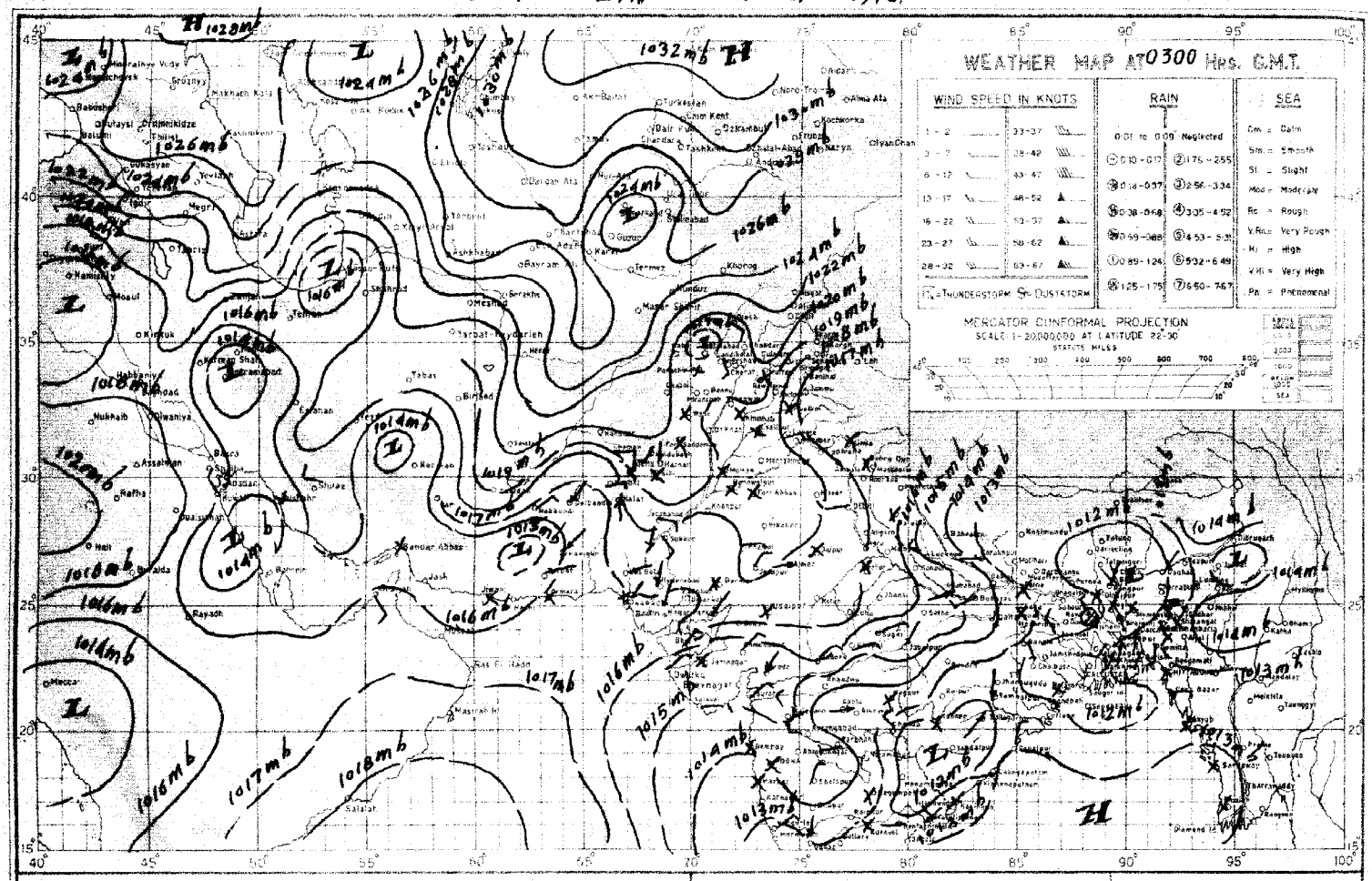



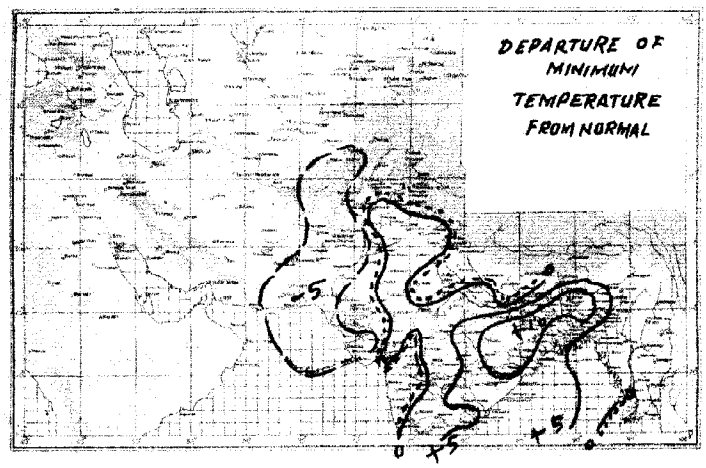



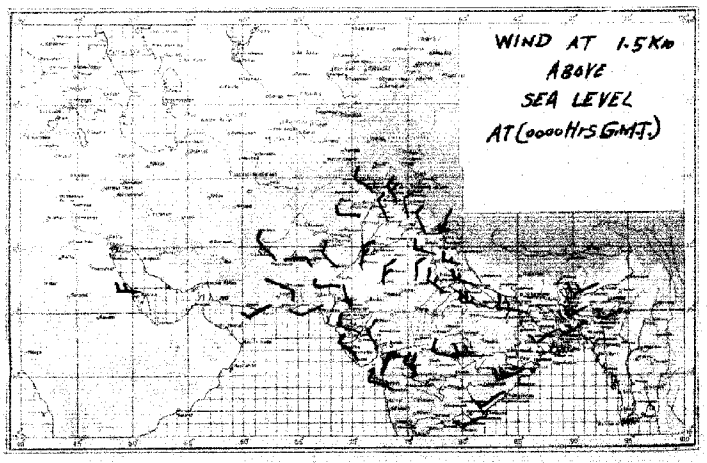

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

TUESDAY 27th JANUARY 1970.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 28th JANUARY 1970.**

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

Yesterday's western disturbance north of Afghanistan moved away northeastwards. A fresh western disturbance is moving across northeast Iran. With its secondary lying over southeast Iran and adjoining areas. A few falls of light rain/drizzle have occurred in Quetta division.

The westerly low pressure wave over West Bengal is now moving across Assam and adjoining Chittagong division.

Rain/thundershowers have been farily widespread in Chittagong division and scattered elsewhere in East Pakistan.

Chief amounts of rainfall are : Comilla, Srimangal and Narayanganj ¾" each. Maijdee Court (upto 0000 G.M.T.) Sylhet and Pabna ½" each, Rangamati and Jessore ¼" each.

**Night temperatures** were 3—7 °F (2—4 °C) above normal in East Pakistan outside Rajshahi division and were to the same extent below normal in Rawalpindi, Multan, Bahawalpur, Malakand, Peshawar, Quetta and Hyderabad divisions.

**Forecast valid until the evening of 29th January 1970 :**—Rain/thundershowers will be local in Kalat, Quetta, D. I. Khan, Malakand and Peshawar divisions and scattered in Rawalpindi, Karachi, Khairpur, Chittagong divisions and Kashmir. Weather will remain mainly dry elsewhere in the country.

Karachi-11
The 28th January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| DIVISIONS | STATIONS | Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati — | 000 | 0 | 7 | 18 | 01 | // | 01 | 2 | 103 | 74 | 5 | 7 | 5 | 7 | / | 58 | 86 |
| | Cox's Bazar — | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 2 | 103 | 73 | 3 | 4 | 4 | 3 | 0 | 59 | 77 |
| | Chittagong — | 000 | 0 | 8 | 16 | 05 | // | 03 | 2 | 103 | 73 | 3 | 4 | 5 | 3 | 0 | 59 | 80 |
| | Maijdee Court — | ... | .. | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla — | 080 | 4 | 0 | 00 | 00 | 96 | 01 | 0 | 096 | 66 | 0 | 8 | 9 | 0 | 0 | 66 | 78 |
| | Brahmanbaria — | 033 | 0 | 0 | 00 | 00 | // | 00 | 4 | 105 | 62 | 0 | 0 | 9 | 0 | 0 | 60 | 76 |
| | Sylhet — | 069 | 7 | 8 | 09 | 03 | // | 03 | 8 | 181 | 60 | 5 | 3 | 3 | 2 | 0 | 59 | 62 |
| | Srimangal — | 081 | 9 | 3 | 00 | 00 | // | 02 | 6 | 108 | 59 | 6 | 0 | 4 | 2 | 2 | 59 | 72 |
| Dacca | Mymensingh — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 106 | 62 | 0 | 0 | 9 | 0 | 0 | 32 | 63 |
| | Narayanganj — | 077 | 6 | 3 | 31 | 02 | // | 02 | 6 | 099 | 66 | 3 | 6 | 3 | / | / | 62 | 74 |
| | Dacca (Tejgaon) — | 002 | 5 | 1 | 05 | 02 | 96 | 05 | 6 | 100 | 67 | 0 | 0 | 9 | 0 | 1 | 62 | 74 |
| | Faridpur — | 000 | 0 | 0 | 34 | 02 | 95 | 00 | 0 | 101 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Khulna | Barisal — | 005 | 2 | 4 | 00 | 00 | 95 | 02 | 1 | 097 | 70 | 4 | 4 | 4 | 0 | 0 | 66 | 80 |
| | Khulna — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 112 | 77 | 0 | 0 | 9 | 0 | 0 | 66 | 78 |
| | Satkhira — | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 2 | 095 | 73 | 2 | 0 | 9 | 2 | 0 | 65 | 78 |
| | Jessore — | 034 | 4 | 0 | 00 | 00 | 97 | 02 | 0 | 095 | 74 | 0 | 0 | 9 | 3 | 0 | 60 | 78 |
| Rajshahi | Pabna — | | | | | | | | | | | | | | | | | |
| | Sirajganj — | 000 | 0 | 0 | 09 | 01 | 96 | 02 | 9 | 096 | 70 | 0 | 0 | 9 | 0 | 0 | 42 | 72 |
| | Rajshahi — | 038 | 0 | 0 | 13 | 02 | 95 | 02 | 0 | 097 | 73 | 0 | 0 | 9 | 0 | 0 | 40 | 77 |
| | Bogra — | 000 | 0 | 1 | 13 | 02 | // | 01 | 0 | 090 | 70 | 1 | 0 | 9 | 3 | 0 | 62 | 73 |
| | Dinajpur — | 000 | 0 | 0 | 27 | 03 | // | 00 | 0 | 090 | 70 | 0 | 0 | 9 | 0 | 0 | 55 | 78 |
| | Rangpur — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kashmir | Jammu — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) — | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 164 | 62 | 0 | 0 | 9 | 0 | 0 | 39 | 65 |
| | Sialkot — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 135 | 44 | 0 | 0 | 9 | 0 | 0 | 54 | 62 |
| Rawalpindi | Jhelum — | 068 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 158 | 62 | 0 | 0 | 9 | 0 | 0 | 41 | 62 |
| | Islamabad — | 000 | 0 | 1 | 27 | 02 | 97 | 01 | 0 | /// | 58 | 1 | 1 | 8 | 0 | 0 | 32 | 58 |
| | Rawalpindi — | 000 | 0 | 0 | 27 | 03 | 99 | 00 | 0 | 174 | 50 | 0 | 0 | 9 | 0 | 0 | 42 | 40 |
| | Campbellpur — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 163 | 65 | 0 | 0 | 9 | 0 | 0 | 52 | 66 |
| | Sargodha — | 000 | 0 | 2 | 27 | 02 | 97 | 02 | 0 | 166 | 65 | 2 | 2 | 6 | 0 | 0 | 44 | 66 |
| | Lyallpur — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 170 | 62 | 0 | 0 | 9 | 0 | 0 | 48 | 62 |
| Multan | Sahiwal — | | | | | | | | | | | | | | | | | |
| | Multan — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 4 | 170 | 65 | 0 | 0 | 9 | 0 | 0 | 39 | 66 |
| | Leiah — | 000 | 0 | 0 | 36 | 02 | 94 | 02 | 2 | 166 | 72 | 0 | 0 | 7 | 0 | 0 | // | 72 |
| Bahawalpur | Khanpur — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 163 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 70 |
| | Bahawalpur — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 179 | 66 | 0 | 0 | 9 | 0 | 0 | 48 | 70 |
| | Fort Abbas — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 153 | 66 | 0 | 0 | 9 | 0 | 0 | 42 | 70 |
| Malakand | Chakdra — | 000 | 0 | 1 | 21 | 02 | 98 | 01 | 3 | 153 | 52 | 1 | 1 | 7 | 0 | 0 | 33 | 55 |
| Peshawar | Peshawar — | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 166 | 60 | 1 | 1 | 4 | 0 | 0 | 39 | 40 |
| | Haripur — | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 161 | 55 | 0 | 0 | 9 | 0 | 0 | 37 | 50 |
| D. I. Khan | Bannu — | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 167 | 60 | 0 | 0 | 9 | 0 | 0 | 33 | 62 |
| | D. I. Khan — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 171 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 65 |
| Quetta | Sibi — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 175 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 72 |
| | Nokkundi — | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 181 | 78 | 0 | 0 | 9 | 0 | 0 | 35 | 69 |
| Kalat | Turbat — | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 164 | 73 | 0 | 0 | 9 | 0 | 0 | 49 | 73 |
| | Jiwani — | 000 | 0 | 3 | 23 | 05 | 96 | 02 | 0 | 135 | 73 | 3 | 5 | 6 | 0 | 0 | 53 | 75 |
| | Pasni — | 000 | 0 | 0 | 15 | 00 | 97 | 02 | 0 | 156 | 75 | 0 | 3 | 9 | 0 | 0 | 72 | 79 |
| Karachi division | Ormara — | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 2 | 155 | 73 | 1 | 8 | 6 | 0 | 0 | 60 | 78 |
| | Lasbela — | 000 | 0 | 2 | 13 | 02 | 98 | 00 | 0 | 140 | 81 | 0 | 0 | 8 | 0 | 0 | 39 | 84 |
| | Karachi (Manora) — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Airport) — | 000 | 0 | 0 | 25 | 05 | 96 | 02 | 0 | 147 | 71 | 0 | 0 | 9 | 0 | 0 | 47 | 80 |
| Hyderabad | Nagarparkar — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 142 | 76 | 0 | 0 | 0 | 0 | 0 | 76 | 85 |
| | Chhor — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 163 | 77 | 0 | 0 | 9 | 0 | 0 | 34 | 80 |
| | Badin — | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 146 | 78 | 0 | 0 | 9 | 0 | 0 | 24 | 80 |
| Khairpur | Padidan — | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 148 | 73 | 0 | 0 | 9 | 0 | 0 | 28 | 76 |
| | Nawabshah — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 161 | 74 | 0 | 0 | 9 | 0 | 0 | 41 | 77 |
| | Sukkur — | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 148 | 70 | 0 | 0 | 9 | 0 | 0 | 32 | 73 |
| | Kashmore — | | | | | | | | | | | | | | | | | |
| | Jacobabad — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 157 | 71 | 0 | 8 | 9 | 0 | 0 | 42 | 73 |
| Junagadh | Veraval — | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * ... | 000 | 0 | 1 | 13 | 09 | 97 | 01 | 0 | 502 | 39 | 1 | 1 | 7 | 0 | 0 | 25 | 42 |
| Peshawar | Cherat * ... | 000 | 0 | 0 | 02 | 01 | 98 | 00 | 0 | 497 | 42 | 0 | 0 | 9 | 0 | 0 | 53 | 47 |
| | Kakul * ... | 000 | 0 | 0 | 31 | 05 | 98 | 01 | 0 | 423 | 47 | 0 | 0 | 9 | 0 | 0 | 33 | 49 |
| | Landikotal * ... | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 628 | 58 | 0 | 0 | 9 | 0 | 0 | 39 | 60 |
| | Parachinar * ... | 000 | 0 | 1 | 13 | 03 | 99 | 02 | 0 | 498 | 42 | 1 | 2 | 6 | 0 | 0 | 35 | 48 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 532 | 55 | 0 | 0 | 9 | 0 | 0 | 23 | 52 |
| | Wana * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman * ... | 000 | 0 | 0 | 36 | 05 | 98 | 02 | 0 | 487 | 51 | 0 | 0 | 9 | 0 | 0 | 13 | 55 |
| | Hindubagh * ... | 000 | 0 | 0 | 20 | 10 | 97 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 36 | 41 |
| | Loralai * ... | 000 | 0 | 0 | 18 | 06 | 97 | 00 | 0 | 500 | 42 | 0 | 0 | 9 | 0 | 0 | 37 | 55 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 477 | 58 | 0 | 0 | 9 | 0 | 0 | 31 | 68 |
| | Samungli (Quetta) * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 505 | 51 | 0 | 0 | 9 | 0 | 0 | 28 | 51 |
| | Chaman * ... | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 469 | 53 | 0 | 0 | 9 | 0 | 0 | 29 | 56 |
| | Nushki * ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 539 | 61 | 0 | 0 | 9 | 0 | 0 | 46 | 56 |
| | Dalbandin * ... | 000 | 0 | 0 | 13 | 03 | 98 | 02 | 0 | 494 | 65 | 0 | 0 | 9 | 0 | 0 | 15 | 66 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 33 | 02 | 98 | 00 | 2 | 484 | 48 | 0 | 0 | 9 | 0 | 0 | 15 | 60 |
| | Khuzdar * ... | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 484 | 61 | 0 | 0 | 9 | 0 | 0 | 15 | 63 |
| | Panjgur * ... | 000 | 0 | 0 | 23 | 08 | 97 | 02 | 0 | 474 | 65 | 0 | 0 | 9 | 0 | 0 | 30 | 67 |

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

| STATIONS | Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past Weather (W) | Sea level pressure (mbs. and tenths) * (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (h) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Minimum temperature (TnTn) | Departure: Maximum temperature (TxTx) | Departure: Minimum Temperature (TnTn) | Rainfall: Since 1st November, 1969 to-date | Rainfall: Departure from normal | Rainfall: Since 1st January, 1970 to-date | Rainfall: Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Rangamati | 025 | 9 | 5 | 36 | 09 | 96 | 40 | 6 | 167 | 65 | 4 | 4 | 6 | 1 | 0 | 62 | 62 | — | — | — | — | — | — |
| Cox's Bazar | 000 | 0 | 4 | 09 | 05 | 96 | 02 | 0 | 138 | 73 | 0 | 0 | 9 | 4 | 3 | 62 | 64 | — 4 | + 7 | — | — | — | 140 |
| Chittagong | 005 | 9 | 1 | 09 | 02 | 96 | 05 | 5 | 148 | 65 | 1 | 0 | 9 | 3 | 0 | 62 | 60 | + 1 | + 5 | 1.3 | — 1.7 | 0.1 | 108 |
| Maijdee Court | /// | 0 | 8 | 05 | 05 | 97 | 00 | 0 | 180 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 61 | — | + 2 | — | — | — | 115 |
| Comilla | 080 | 0 | 3 | 36 | 05 | 96 | 02 | 0 | 155 | 62 | 3 | 4 | 7 | 0 | 0 | 58 | 58 | — 1 | + 5 | 1.2 | + 0.6 | 0.9 | 94 |
| Brahmanbaria | 033 | 3 | 1 | 27 | 02 | 96 | 02 | 4 | 180 | 64 | 1 | 5 | 5 | 0 | 0 | 60 | 58 | — | — | 1.6 | + 0.1 | 0.3 | 78 |
| Sylhet | 068 | 0 | 8 | 00 | 00 | 93 | 44 | 4 | 146 | 59 | 8 | 3 | 7 | 0 | 0 | 58 | 54 | — | — | 3.2 | — | 1.7 | — |
| Srimangal | 081 | 9 | 6 | 00 | 00 | 96 | 02 | 6 | 147 | 60 | 0 | 9 | 9 | 7 | 2 | 58 | 54 | — 9 | + 6 | 3.1 | + 1.1 | 1.5 | 58 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 13 | | | | | 91 |
| Narayanganj | 077 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 161 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — 5 | + 4 | 2.5 | + 1.1 | 1.1 | 74 |
| Dacca (Tejgaon) | 002 | 9 | 8 | 31 | 02 | 96 | 05 | 4 | 159 | 61 | 0 | 0 | 9 | 0 | 0 | 49 | 58 | — | — | 1.9 | — | 0.7 | — |
| Faridpur | 000 | 0 | 0 | 05 | 05 | 97 | 00 | 0 | 168 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 56 | + 2 | + 3 | 2.3 | + 0.7 | 0.7 | 71 |
| Barisal | 000 | 0 | 4 | 13 | 07 | 97 | 02 | 0 | 156 | 64 | 4 | 4 | 5 | 0 | 0 | 56 | 59 | + 2 | + 4 | — | — | — | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 165 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 60 | + 0 | + 4 | 1.3 | — 0.3 | 0.0 | 68 |
| Satkhira | 000 | 0 | 2 | 36 | 05 | 97 | 00 | 0 | 165 | 65 | 2 | 0 | 9 | 1 | 0 | 40 | 58 | — 3 | + 4 | 0.2 | — 2.0 | 0.0 | 65 |
| Jessore | 034 | 9 | 0 | 31 | 05 | 97 | 02 | 0 | 161 | 62 | 0 | 0 | 9 | 0 | 0 | 47 | 56 | — | — | 2.3 | + 1.9 | 1.3 | 65 |
| Pabna | 049 | 0 | 0 | 23 | 05 | 99 | 02 | 6 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | — | — | 1.6 | — | 1.5 | 59 |
| Sirajganj | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 158 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 51 | — | — 1 | 1.9 | + 0.6 | 1.5 | 64 |
| Rajshahi | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 144 | 58 | 0 | 0 | 9 | 0 | 0 | 49 | 51 | + 1 | — 1 | 4.1 | + 3.1 | 1.1 | — |
| Bogra | 002 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 148 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 51 | + 3 | — 1 | 1.7 | + 0.6 | 0.5 | 69 |
| Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | | | | | 72 |
| Rangpur | 008 | 0 | 1 | 18 | 05 | 96 | 01 | 0 | 133 | 65 | 0 | 0 | 9 | 0 | 0 | 63 | 52 | — | + 2 | 2.2 | + 1.5 | 0.7 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 183 | 42 | 0 | 0 | 9 | 0 | 8 | 40 | 41 | — 4 | 0 | 0.5 | — 1.1 | 0.5 | 19 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 92 | 00 | 0 | 165 | // | 0 | 0 | 9 | 0 | 0 | 31 | 27 | — | — | — | — | — | 32 |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 41 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | — | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 58 | 00 | 0 | 204 | 35 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — 2 | — 4 | 3.7 | — 0.1 | 3.6 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | | | | | 15 |
| Sargodha | 000 | 0 | 0 | 00 | 00 | 94 | 04 | 6 | 191 | 38 | 0 | 0 | 9 | 0 | 0 | 38 | 34 | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | 000 | 0 | 0 | 08 | 01 | 95 | 00 | 0 | 187 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 40 | — 6 | — 1 | 0.2 | — 0.5 | 0.2 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 1 | 00 | 00 | 95 | 10 | 0 | 203 | 41 | 0 | 0 | 9 | 0 | 1 | 40 | 40 | — 2 | — 3 | 0.1 | — 0.5 | 0.1 | 7 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Khanpur | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 1 | 197 | 45 | 2 | 0 | 9 | 3 | 0 | 35 | 40 | — 4 | — 3 | — | — | — | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 194 | 54 | 0 | 0 | 5 | 0 | 0 | 40 | 45 | — 1 | + 2 | 0.0 | — 0.4 | 0.0 | 6 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 110 | 50 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | — | | — | 8 |
| Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Peshawar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 211 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | // | — 3 | — | 1.0 | — 1.1 | 0.5 | 11 |
| Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 204 | 42 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — | — | — | — | — | — |
| Bannu | 000 | 0 | 0 | 31 | 06 | 99 | 00 | 0 | 201 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 38 | — | — | — | — | — | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 198 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | — 3 | + 2 | — | — | — | 9 |
| Sibi | 000 | 0 | 2 | 19 | 01 | 97 | 03 | 1 | 197 | 45 | 0 | 2 | 9 | 0 | 2 | 52 | 40 | — | — | 4.1 | — | 0.0 | 5 |
| Nokkundi | 001 | 0 | 7 | 05 | 05 | 96 | 03 | 1 | 171 | 52 | 7 | 5 | 5 | 0 | 0 | 44 | 49 | — | — | 1.4 | — | 1.4 | 2 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 175 | 61 | 0 | 1 | 9 | 6 | 1 | 54 | 60 | — | — | 0.3 | — | 0.3 | — |
| Jiwani | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 140 | 66 | 6 | 6 | 5 | 0 | 0 | 51 | 61 | — | — | 7.6 | — | 6.6 | 3 |
| Pasni | 003 | 0 | 6 | 05 | 08 | 97 | 02 | 0 | 164 | 65 | 5 | 3 | 9 | 0 | 0 | 61 | // | + 5 | — | — | — | — | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 153 | 0 | 3 | 0 | 0 | 3 | 0 | 57 | // | — | — | 0.7 | — 1.1 | 0.7 | 6 |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Karachi (Manora) | 000 | 0 | 3 | 05 | 03 | 96 | 03 | 0 | 162 | 60 | 0 | 0 | 9 | 0 | 0 | 42 | 58 | — | 0 | 0.3 | — 0.3 | 0.3 | 8 |
| Karachi (Airport) | 000 | 0 | 5 | 05 | 08 | 96 | 03 | 0 | 169 | 51 | 5 | 0 | 9 | 3 | 0 | 36 | 50 | — | — | 0.3 | — | 0.3 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 174 | 58 | 0 | 0 | 0 | 0 | 0 | 35 | 58 | — | — | — | — | — | — |
| Chhor | 000 | 0 | 0 | 05 | 13 | 96 | 02 | 0 | 165 | 47 | 0 | 0 | 9 | 0 | 0 | 26 | 42 | — | — | | | | 7 |
| Hyderabad | 000 | 0 | 5 | 36 | 03 | 97 | 03 | 1 | 178 | 53 | 5 | 0 | 9 | 3 | 0 | 39 | 50 | + 3 | — 5 | 0.1 | — 0.1 | 0.1 | 9 |
| Badin | 000 | 0 | 0 | 36 | 02 | 97 | 03 | 0 | 171 | 47 | 0 | 0 | 9 | 0 | 0 | 32 | 45 | + 1 | + 6 | 0.1 | — 0.3 | 0.1 | — |
| Padidan | 000 | 0 | 4 | 36 | 03 | 97 | 02 | 0 | 184 | 45 | 4 | 0 | 9 | 7 | 0 | 38 | 41 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 2 | 181 | 42 | 5 | 0 | 9 | 4 | 0 | 37 | 39 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 003 | 0 | 6 | 16 | 05 | 95 | 05 | 4 | 183 | 50 | 6 | 0 | 9 | 9 | 0 | 41 | 49 | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 3 | 09 | 03 | 96 | 03 | 0 | 198 | 47 | 3 | 0 | 9 | 3 | 0 | 38 | 46 | — | 0 | 0.1 | — 0.3 | 0.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 24 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | 000 | 0 | 0 | 28 | 02 | 98 | 02 | 0 | 549 | 29 | 0 | 0 | 9 | 0 | 0 | 21 | 27 | — 6 | — 5 | 1.3 | — | 0.7 | 29 |
| Cherat | 000 | 0 | 0 | 09 | 07 | 98 | 02 | 0 | 502 | 38 | 0 | 0 | 9 | 0 | 0 | 30 | 33 | — 2 | — 5 | — | — | — | — |
| Kakul | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 508 | 35 | 0 | 0 | 9 | 0 | 0 | 27 | 33 | — | — | — | — | — | — |
| Landikotal | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 4 | 604 | 35 | 4 | 3 | 9 | 0 | 0 | 29 | 30 | — | — | — | — | — | 29 |
| Parachinar | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 520 | 29 | 0 | 0 | 0 | 0 | 0 | // | 24 | — | — 5 | 1.3 | — | 0.7 | 13 |
| Miranshah | 000 | 0 | 0 | 05 | 01 | 99 | 00 | 0 | 534 | 50 | 0 | 0 | 9 | 0 | 0 | 41 | 35 | — | — | — | — | — | 11 |
| Wana | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 510 | 50 | 0 | 0 | 9 | 0 | 0 | 54 | // | // | — | — | — | — | 13 |
| Fort Sandeman | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 506 | 29 | 0 | 0 | 9 | 0 | 0 | 20 | 27 | — 5 | — 8 | — | — | — | — |
| Hindubagh | 000 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | /// | 14 | 0 | 0 | 9 | 0 | 0 | 10 | 18 | — | — | 0.7 | — | 0.5 | 8 |
| Loralai | 000 | 0 | 0 | 18 | 03 | 97 | 01 | 0 | 495 | 31 | 0 | 1 | 9 | 0 | 4 | 25 | 32 | — | — | 0.1 | — | 0.0 | — |
| Barkhan | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| Harnai | 000 | 0 | 0 | 06 | 02 | // | // | / | 481 | 39 | 0 | 0 | 9 | 0 | 0 | 31 | 37 | — | — | — | — | — | 9 |
| Samungli (Quetta) | 000 | 0 | 5 | 13 | 03 | 96 | 01 | 0 | 501 | 33 | 5 | 0 | 9 | 2 | 3 | 25 | 29 | — | — | 1.5 | — 1.5 | 0.8 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 516 | 40 | 0 | 0 | 9 | 0 | 0 | 32 | 34 | + 8 | — 1 | 6.3 | + 3.2 | 6.3 | — |
| Nushki | 000 | 0 | 5 | 07 | 03 | 97 | 03 | 0 | 521 | 51 | 0 | 0 | 9 | 0 | 3 | 37 | 48 | — | — | — | — | — | 4 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 1 | 476 | 50 | 1 | 5 | 6 | 2 | 0 | 41 | 37 | — 2 | + 2 | 1.3 | — 1.1 | 1.3 | 7 |
| Kalat | 000 | 0 | 0 | 18 | 03 | 58 | 00 | 2 | 500 | 30 | 0 | 0 | 9 | 0 | 0 | 21 | 30 | + 10 | + 2 | 0.8 | — 1.5 | 0.8 | — |
| Khuzdar | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 482 | 48 | 3 | 0 | 9 | 4 | 0 | 42 | 40 | — | — 2 | 0.0 | — | 0.0 | 5 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 28th JANUARY, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhClhCMCH | DsVs a PP | 7RR | 8NsChshs | 0TsTsTdTd | 1TwTwTwsT | 3PwPwHwHw | dwdwPwHwHw |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Nearco ... | 99 2 29 | 10 5 99 | 27 0 63 | 11 9 16 | 99 0 20 | 18 0 22 | 11 4 00 | 33 2 24 | | | 0 / / 18 | 12 3 28 | 30 2 01 | / / / / / |
| Brandon ... | 99 2 43 | 10 6 02 | 27 1 23 | 10 0 00 | 98 0 20 | 14 6 23 | 10 9 00 | ... | 74 5 02 | | 0 / / 13 | 12 5 05 | 30 0 00 | 29 5 01 |
| Nisco ... | 99 2 20 | 10 6 07 | 27 1 23 | 01 9 16 | 99 0 20 | 16 6 24 | 08 0 00 | 33 5 00 | — | | 0 / / 17 | 12 2 04 | 30 3 01 | / / / / / |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 009 172 09 | ... | 455 184 42 | 063 017 50 | 571 073 50 | 743 145 57 | 954 311 57 | 228 521 / / | 410 627 / / | 648 (81 / / | ... | ... | — |
| Dacca ... | 00 00 | 013 160 20 | ... | 450 980 31 | 078 014 57 | 576 081 56 | 748 131 56 | /// /// // | 240 493 / / | 424 623 / / | 665 175 / / | ... | ... | — |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 013 154 60 | ... | 500 040 56 | 154 031 / / | 573 185 / / | 531 295 / / | 929 441 / / | 193 565 / / | ... | ... | — | ... | — |
| Multan ... | 00 00 | 903 080 40 | ... | 580 116 58 | 105 071 37 | 574 085 / / | 744 211 / / | 957 311 / / | 231 415 / / | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 917 038 23 | ... | 430 038 36 | 044 063 39 | 559 231 40 | 719 335 / / | 915 441 / / | 180 521 / / | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 819 012 18 | ... | ... | 010 187 / / | 546 133 7 / | 698 450 / / | 894 537 / / | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 998 080 54 | ... | 400 084 57 | 083 011 56 | 567 205 / / | 729 321 / / | 927 425 / / | 195 511 / | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels (PPP TT Ta DD) | | | | | | | | | Max. Wind Speed (PmPmPm dmdm fmfmfm) | TROPOPAUSE (PtTtPtTtTtTat) | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 990 136 33 | 800 054 50 | 600 053 54 | 350 223 57 | ... | — | — | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 124 57 | 800 080 45 | 600 037 56 | 350 381 57 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | — | — | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 830 059 / / | 680 273 / / | 350 489 / / | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | ... | — | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → / STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 305 06 | 385 09 | 300 16 | 290 23 | 290 21 | ... | ... | — | — |
| Bogra ... | 185 06 | 270 06 | 270 10 | 275 23 | 270 32 | — | — | — | — |
| Chaklala ... | — | 275 08 | 155 04 | 060 06 | 030 06 | 295 12 | 285 16 | 285 19 | 300 28 |
| Chhor ... | 050 03 | 074 03 | 065 05 | 020 08 | 330 09 | 200 18 | 290 33 | 305 65 | 305 78 |
| Chittagong ... | 190 05 | 210 07 | 245 25 | 255 25 | 240 31 | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | — | — | ... | — | — | ... |
| Cox's Bazar ... | 190 06 | 195 09 | 260 06 | 275 14 | 260 19 | ... | — | — | ... |
| Dacca ... | 045 06 | 145 09 | 320 13 | 295 25 | 300 27 | 280 39 | 260 49 | 260 51 | |
| Dalbandin ... | — | | 120 03 | 175 09 | 300 11 | 245 22 | 260 44 | 290 66 | 280 56 |
| D. I. Khan ... | 180 06 | 165 12 | 150 07 | 175 10 | 210 12 | 295 12 | 295 13 | 250 08 | 265 07 |
| Drosh ... | ... | ... | ... | 065 04 | 025 05 | 175 03 | 275 07 | 290 29 | 280 37 |
| Fort Sandeman ... | ... | ... | ... | 310 05 | 240 02 | 260 09 | 260 12 | 260 11 | 270 30 |
| Gilgit ... | ... | ... | ... | 015 08 | 360 12 | 360 12 | 300 13 | 210 08 | 250 09 |
| Ishurdi ... | 330 06 | 320 08 | 305 11 | 290 19 | ... | — | ... | ... | ... |
| Jacobabad ... | 150 03 | 145 04 | 145 04 | 255 07 | 270 10 | 315 19 | 275 43 | 265 78 | 200 29 |
| Jessore ... | 340 12 | 345 10 | 325 12 | 300 15 | 300 32 | 295 31 | ... | | ... |
| Jhelum ... | 310 11 | 320 12 | 320 12 | 320 13 | 330 14 | 330 12 | 305 15 | 295 13 | 295 31 |
| Jiwani ... | 210 07 | 215 07 | 210 09 | 135 07 | 295 15 | 280 19 | 290 32 | — | — |
| Karachi ... | 200 07 | 190 04 | 100 02 | 060 04 | 055 06 | 260 17 | 280 46 | 275 56 | 285 70 |
| Khanpur ... | 235 02 | 190 03 | 190 08 | 210 06 | 245 10 | 265 20 | 295 35 | 280 40 | 230 37 |
| Khuzdar ... | ... | | ... | 270 07 | 240 11 | 210 09 | 250 41 | 270 52 | 290 60 |
| Lahore ... | 325 06 | 315 12 | 315 12 | 300 12 | 290 12 | 325 14 | 335 15 | 340 13 | 315 14 |
| Multan ... | 173 15 | 155 19 | 155 08 | 240 26 | 255 16 | 270 04 | 290 24 | 290 46 | 285 50 |
| Nawab Shah ... | 050 03 | 050 03 | 350 03 | 010 06 | 280 14 | 270 25 | 300 58 | 295 92 | ... |
| Nokkundi ... | — | ... | 100 08 | 145 07 | 280 12 | 240 15 | 270 25 | 295 35 | 290 26 |
| Panjgur ... | — | ... | — | 230 09 | 320 11 | 215 15 | 250 22 | 240 33 | 265 31 |
| Peshawar ... | — | ... | ... | ... | ... | ... | ... | | ... |
| Parachinar ... | — | ... | — | ... | 150 03 | 270 08 | 305 17 | 305 24 | 320 37 |
| Quetta ... | ... | — | | — | 325 11 | 300 11 | 285 18 | | |
| Sargodha ... | 255 05 | 280 08 | 290 06 | 320 01 | 330 05 | 300 08 | 320 09 | 315 17 | 320 17 |
| Skardu ... | ... | ... | ... | ... | — | — | ... | ... | ... |
| Sylhet ... | 105 06 | 120 05 | 170 05 | 225 04 | ... | ... | ... | — | ... |
| Veraval ... | ... | — | — | — | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → / STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 335 16 | 335 19 | 340 15 | 335 09 | ... | — |
| Bogra ... | 270 10 | 270 15 | 275 21 | 285 19 | 285 31 | ... |
| Chaklala ... | ... | 345 02 | 325 02 | 305 02 | 190 02 | 305 04 |
| Chhor ... | 090 19 | 090 12 | 070 09 | 360 08 | 051 59 | 240 17 |
| Chittagong ... | ... | — | ... | ... | ... | ... |
| Cherat ... | — | ... | ... | — | ... | — |
| Cox's Bazar ... | 350 05 | 330 04 | 335 07 | 315 09 | 310 11 | — |
| Dacca ... | 325 15 | 320 17 | 305 20 | — | ... | ... |
| Dalbandin ... | ... | ... | 190 02 | 200 15 | 225 23 | 240 18 |
| D. I. Khan ... | 135 07 | 140 08 | 130 07 | 060 02 | 290 07 | 275 13 |
| Drosh ... | | | — | 085 01 | 040 05 | 010 00 |
| Fort Sandeman ... | No | Ascent | ... | ... | ... | ... |
| Gilgit ... | ... | ... | | — | ... | ... |
| Ishurdi ... | 310 13 | 310 19 | 314 26 | 325 16 | 025 15 | |
| Jacobabad ... | 145 07 | 160 05 | 175 03 | 190 04 | 215 05 | 220 11 |
| Jessore ... | 340 24 | 335 26 | 325 24 | 270 38 | 270 33 | 255 17 |
| Jhelum ... | 330 13 | 325 19 | 325 15 | 330 08 | 280 09 | 310 26 |
| Jiwani ... | 170 12 | 170 02 | 170 13 | /// // | 135 11 | — |
| Karachi ... | ... | ... | ... | ... | — | ... |
| Khanpur ... | 065 11 | 070 11 | 115 11 | 220 15 | 275 09 | 230 12 |
| Khuzdar ... | ... | | ... | 160 50 | 205 13 | 235 15 |
| Lahore ... | 330 05 | 325 09 | 330 05 | 315 10 | 328 09 | 300 11 |
| Multan ... | 055 03 | 053 02 | 070 02 | 080 01 | 095 02 | 035 09 |
| Nawab Shah ... | 150 07 | 155 09 | 155 06 | 215 04 | 280 06 | 310 06 |
| Nokkundi ... | ... | ... | 130 09 | 195 11 | 325 09 | 265 13 |
| Panjgur ... | ... | — | ... | 225 13 | 230 15 | 290 19 |
| Peshawar ... | ... | 250 05 | 260 08 | 335 06 | 010 05 | 010 04 |
| Parachinar ... | ... | ... | ... | 250 09 | 110 01 | ... |
| Quetta ... | — | | | | | |
| Sargodha ... | 315 04 | 335 06 | 321 06 | 335 06 | 300 08 | 265 19 |
| Skardu ... | ... | ... | ... | 090 01 | 125 08 | 255 04 |
| Sylhet ... | No | Ascent | — | ... | ... | ... |
| Veraval ... | — | ... | — | — | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → / STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 005 08 | 010 11 | 010 15 | 015 16 | 355 16 | 345 25 | 330 30 | 315 37 | 330 30 | ... | ... |
| Bogra ... | 385 08 | 285 09 | 285 15 | 275 24 | 265 28 | 275 39 | ... | ... | | ... | ... |
| Chaklala ... | ... | 210 02 | 245 02 | 330 06 | 260 04 | 155 04 | 255 08 | 360 24 | 275 28 | 280 77 | 270 89 |
| Chhor ... | 100 16 | 100 15 | 055 10 | 055 14 | 090 09 | 285 16 | ... | ... | — | — | ... |
| Chittagong ... | 315 06 | 285 05 | 280 06 | 265 17 | 265 26 | 260 34 | 250 60 | 260 69 | 265 69 | ... | — |
| Cherat ... | ... | | — | | ... | ... | | ... | ... | ... | ... |
| Cox's Bazar ... | 340 09 | 355 12 | 360 13 | 360 18 | 355 32 | 335 29 | | | ... | ... | ... |
| Dacca ... | 305 15 | 310 12 | 270 14 | 265 17 | 265 26 | 275 33 | 270 59 | 290 64 | 280 69 | 290 99 | 276 07 |
| Dalbandin ... | ... | | 170 10 | 200 16 | 225 21 | ... | | | | | |
| D. I. Khan ... | 285 07 | 300 09 | 300 10 | 230 06 | 255 04 | 255 09 | 275 13 | 295 21 | 280 20 | 295 31 | 270 54 |
| Drosh ... | ... | — | — | | | | | | | | |
| Fort Sandeman ... | ... | — | — | 230 01 | 160 01 | 205 12 | 210 26 | 225 17 | 275 67 | 280 30 | 280 84 |
| Gilgit ... | No | Ascent | — | | | | — | — | — | ... | ... |
| Ishurdi ... | | | ... | 275 22 | 265 07 | 285 43 | 295 10 | — | — | — | ... |
| Jacobabad ... | 320 09 | 335 05 | 335 06 | 025 10 | 060 11 | 090 14 | 125 76 | 130 34 | 315 47 | 150 73 | — |
| Jessore ... | 305 13 | 320 13 | 335 33 | 275 27 | 280 31 | 280 33 | 280 61 | 270 03 | 270 08 | 270 8/ | ... |
| Jhelum ... | — | — | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 160 16 | 160 12 | 160 12 | ... | — | ... | — | ... | — | ... | ... |
| Karachi ... | 125 17 | 125 19 | 130 23 | 135 13 | 110 12 | 040 13 | ... | | ... | ... | ... |
| Khanpur ... | 085 03 | 145 10 | 075 08 | 065 05 | 065 05 | 185 06 | 245 17 | 275 25 | 280 23 | 305 35 | 310 52 |
| Khuzdar ... | | | | | | | | | | | |
| Lahore ... | 305 05 | 331 06 | 330 20 | 330 19 | 325 16 | 310 09 | 280 07 | 320 12 | 255 12 | 280 41 | 280 68 |
| Multan ... | 240 02 | 280 03 | 270 04 | 260 06 | 240 10 | 195 10 | 300 35 | 315 33 | 330 41 | ... | ... |
| Nawab Shah ... | 165 03 | 160 10 | 165 10 | 140 04 | 105 04 | 225 05 | 245 35 | ... | ... | — | — |
| Nokkundi ... | ... | — | 150 08 | 205 06 | 230 09 | — | ... | ... | ... | ... | — |
| Panjgur ... | ... | ... | ... | 170 12 | 190 19 | — | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 355 06 | 340 06 | 330 18 | 325 04 | 290 04 | 245 15 | 270 38 | 261 17 | 270 16 | 290 95 |
| Parachinar ... | — | — | — | 190 02 | 100 03 | 270 24 | 255 16 | 270 62 | 270 30 | 270 71 | ... |
| Quetta ... | | | | | 175 17 | 225 10 | | | | | |
| Sargodha ... | 290 53 | 331 08 | 315 09 | 295 12 | 275 05 | 275 43 | 285 14 | 275 55 | 270 45 | 280 81 | 270 82 |
| Skardu ... | ... | ... | ... | 275 03 | 335 01 | 340 04 | 310 02 | 290 07 | 065 04 | ... | ... |
| Sylhet ... | 270 05 | 265 07 | 225 06 | — | ... | ... | ... | — | ... | ... | ... |
| Veraval ... | ... | ... | — | ... | ... | — | — | — | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → / STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 100 08 | 100 08 | 100 08 | 100 11 | 130 14 | 145 19 | 195 23 | 210 28 | 210 51 | 235 35 | 260 51 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

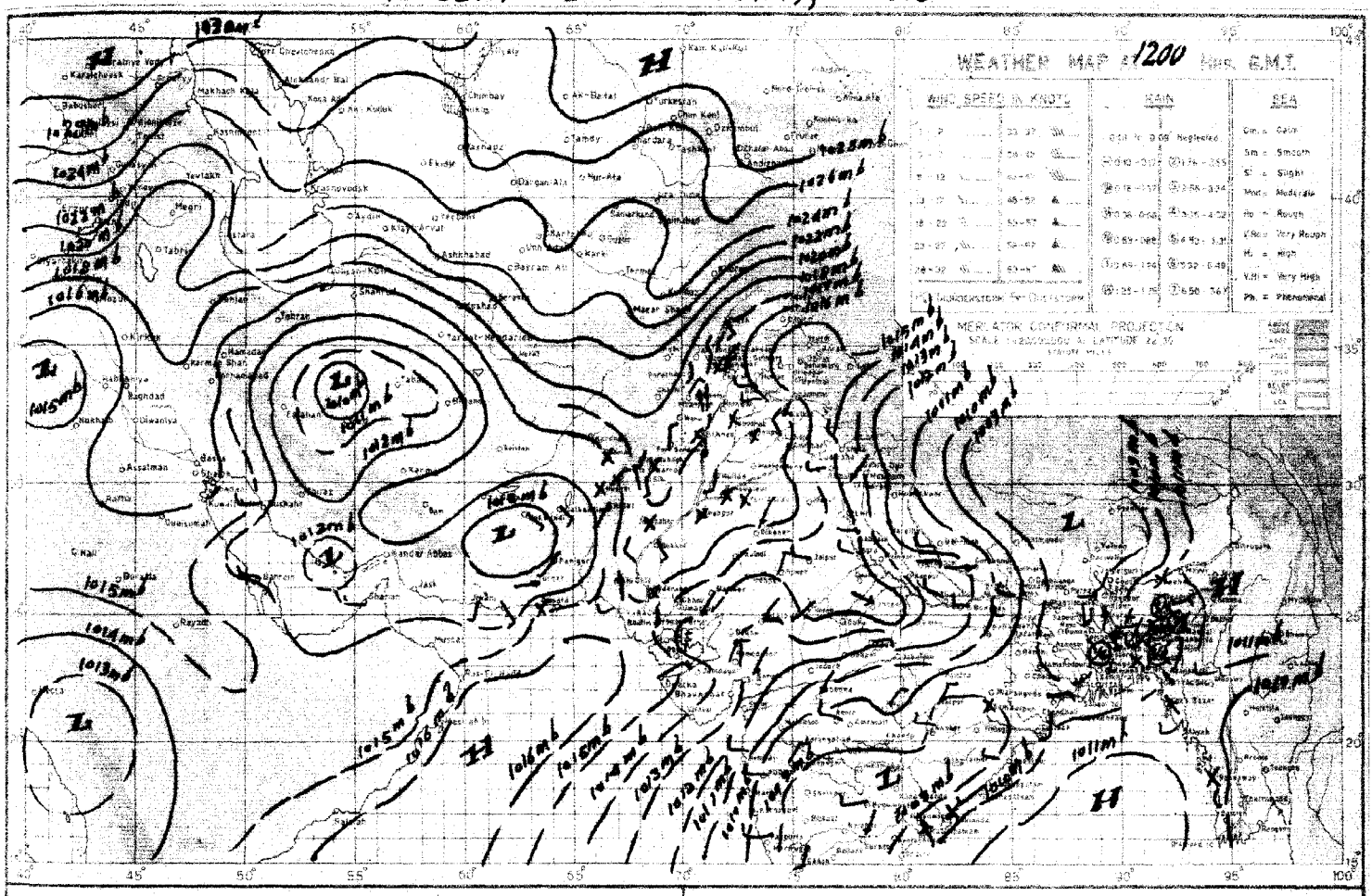
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

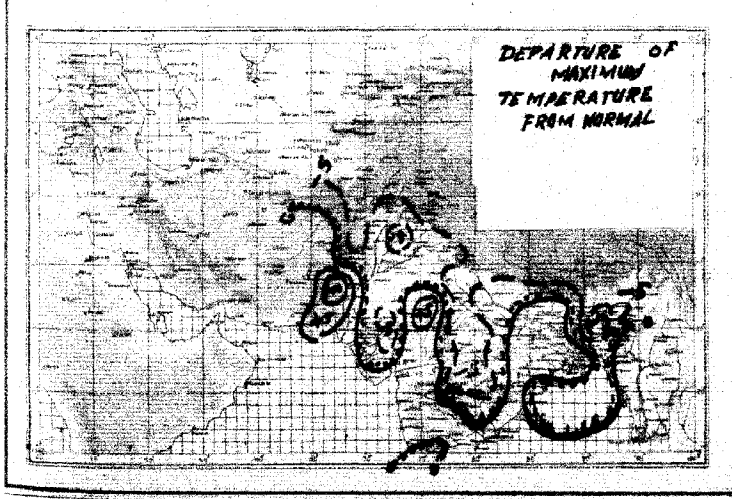
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East.) The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 [knots,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

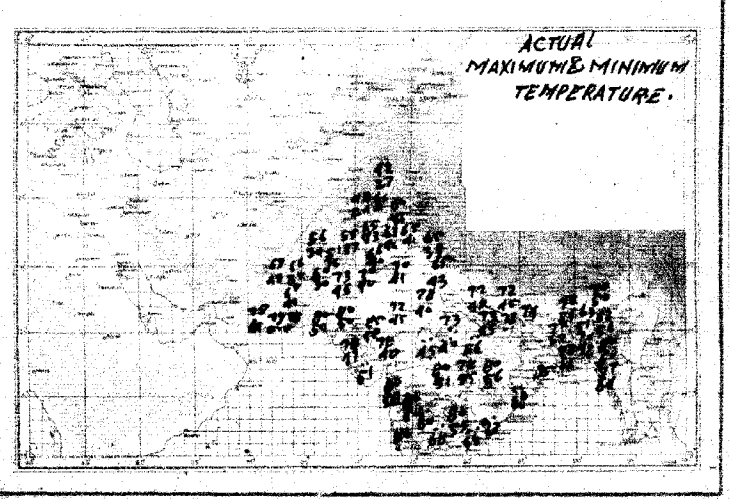
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—?

# PAKISTAN DAILY WEATHER MAP

TUESDAY 27th JANUARY, 1970

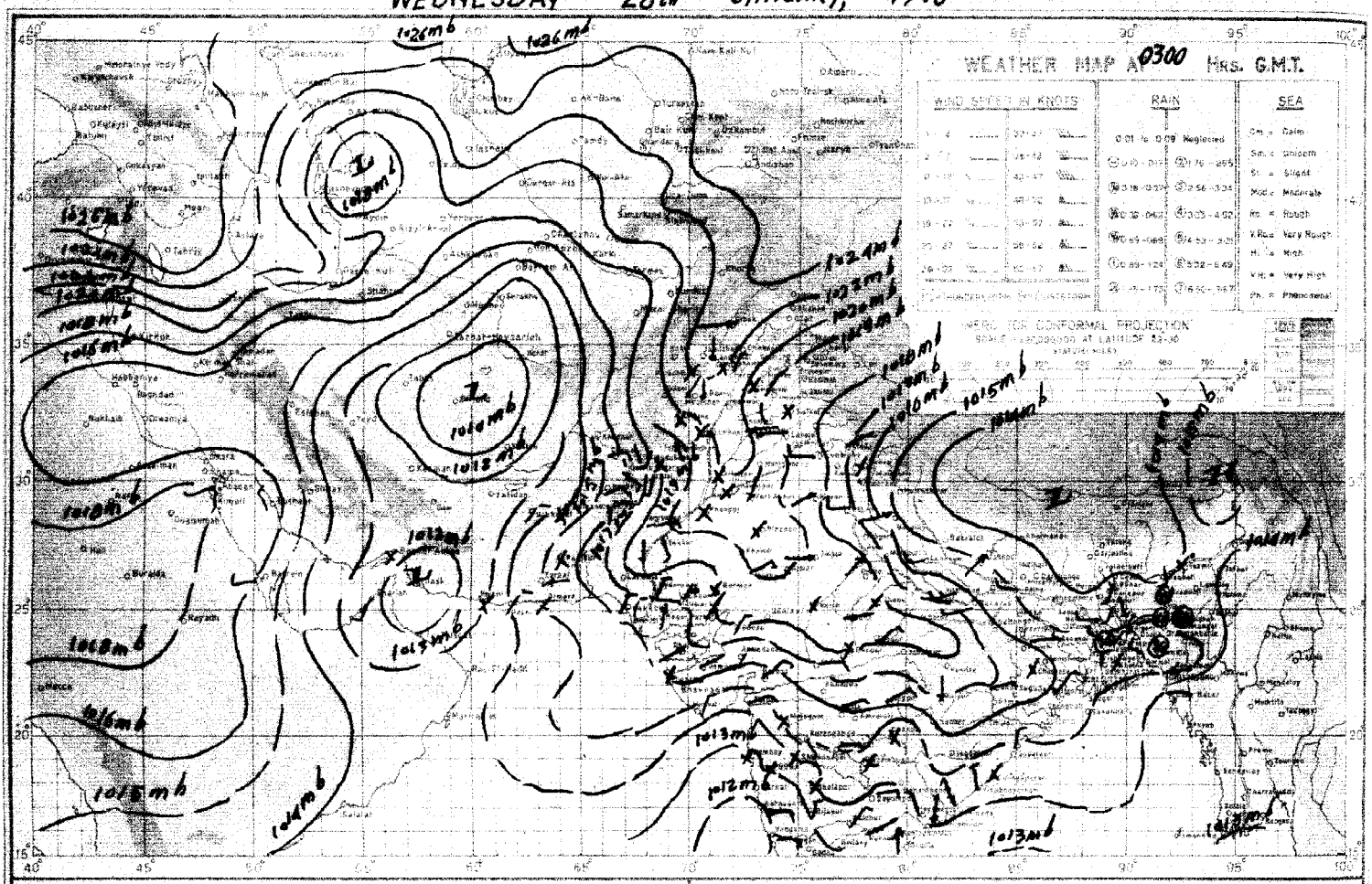


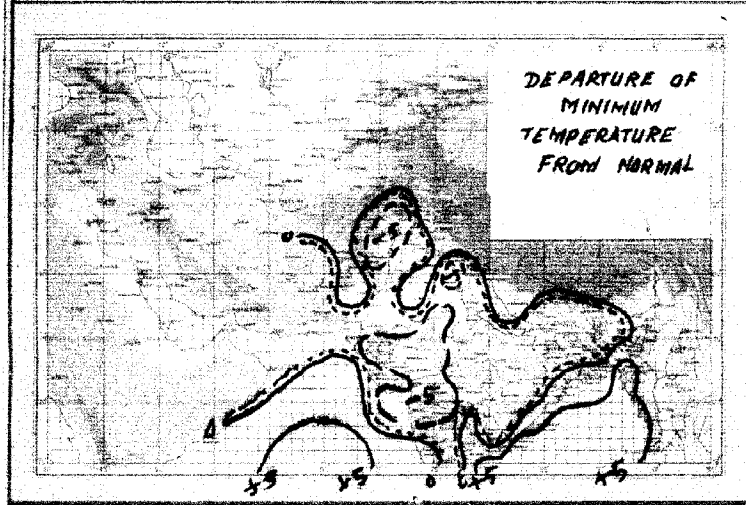



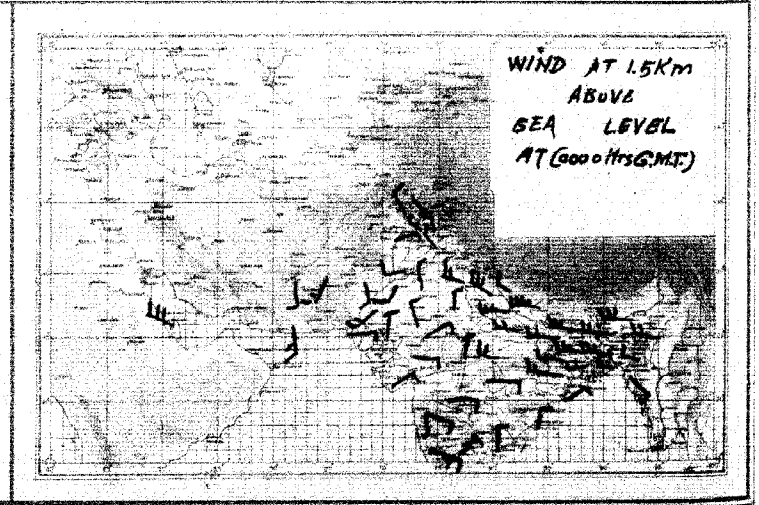



# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 28th JANUARY, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 29th JANUARY 1970.**

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

Yesterday's western disturbance is moving across Afghanistan. Its secondary now lies over north Arabian Sea and adjoining Kalat and Karachi divisions.

Rain/thundershowers have been local in Quetta and Kalat divisions and scattered in Karachi division with a few moderate to heavy falls in there divisions and a few falls of snow over hills in Quetta division. Dry weather prevailed elsewhere in West Pakistan.

Dry continental air prevails over East Pakistan where weather remained dry.

Chief amounts of rainfall are : Ormara 1½", Nushki and Jiwani 1" each, Dalbandin ¾" and Hindubagh, Loralai, Harnai and Nokkundi ¼" each.

Night temperatures were 3—5 °F (2—4 °C) above normal in Sargodha, Peshawar, D. I. Khan, Quetta and Karachi divisions and were 3—8 °F (2—3 °C) below normal in East Pakistan and in Rawalpindi and Multan and Hyderabad divisions.

**Forecast valid until the evening of 30th January 1970 :—** Fairly widespread rain/thundershowers are likely to occur in Quetta, D. I. Khan, Peshawar, Malakand, Rawalpindi divisions and Kashmir with falls of snow in these and in Kalat divisions, local in Kalat, Karachi, Khairpur, Multan, Sargodha and Lahore divisions and scattered elsewhere in West Pakistan. Weather is likely to be dry in East Pakistan.

Karachi-11
The 29th January, 1970.

ZARIF AHMAD
for Director, Meteorological Service.

## OBSERVATIONS

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 3 | 89 | 02 | // | 01 | 0 | 131 | 73 | 3 | 3 | 6 | 0 | 0 | 60 | 79 |
| | Cox's Bazar | 000 | 0 | 2 | 34 | 10 | 95 | 02 | 0 | 119 | 72 | 0 | 0 | 9 | 2 | 0 | 64 | 80 |
| | Chittagong | 000 | 0 | 0 | 31 | 02 | // | 01 | 0 | 134 | 69 | 0 | 0 | 9 | 0 | 0 | 62 | 75 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 130 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 72 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 120 | 75 | 0 | 0 | 9 | 0 | 0 | 72 | 75 |
| | Brahmanbaria | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 132 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 74 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 136 | 60 | 0 | 0 | 9 | 0 | 0 | 50 | 75 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 132 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 74 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 121 | 66 | 0 | 0 | 9 | 0 | 0 | 45 | 68 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 120 | 60 | 0 | 0 | 9 | 0 | 0 | 68 | 78 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 131 | 66 | 1 | 0 | 9 | 4 | 0 | 45 | 72 |
| | Faridpur | 000 | 0 | 0 | 36 | 02 | 93 | 00 | 0 | 116 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 69 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 129 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 72 |
| | Khulna | 000 | 0 | 1 | 00 | 00 | 97 | 00 | 0 | 130 | 72 | 1 | 0 | 9 | 4 | 0 | 50 | 78 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 132 | 64 | 0 | 0 | 0 | 0 | 0 | 50 | 75 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 133 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 71 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 133 | 66 | 0 | 0 | 9 | 0 | 0 | 46 | 75 |
| | Sirajganj | 000 | 0 | 0 | 18 | 01 | // | 00 | 0 | 156 | 66 | 0 | 0 | 9 | 0 | 0 | 45 | 69 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 132 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 71 |
| | Bogra | 000 | 0 | 0 | 27 | 02 | // | 02 | 0 | 124 | 64 | 0 | 0 | 4 | 0 | 0 | 41 | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 03 | // | 00 | 0 | 119 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 69 |
| | Rangpur | 000 | 0 | 0 | 18 | 02 | 96 | 01 | 0 | 101 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 73 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 6 | 31 | 02 | 96 | 02 | 1 | 158 | 62 | 3 | 0 | 9 | 2 | 7 | 38 | 64 |
| | Sialkot | 000 | 0 | 0 | 20 | 10 | 97 | 00 | 0 | 130 | 52 | 0 | 0 | 9 | 0 | 0 | 25 | 60 |
| Rawalpindi | Jhelum | 068 | 0 | 5 | 31 | 03 | 98 | 00 | 1 | 156 | 60 | 3 | 0 | 9 | 1 | 2 | 41 | 64 |
| | Islamabad | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 0 | /// | 60 | 2 | 2 | 7 | 2 | 0 | 35 | 60 |
| | Rawalpindi | 000 | 0 | 3 | 27 | 02 | 99 | 02 | 1 | 167 | 50 | 0 | 0 | 9 | 4 | 0 | 43 | 60 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 36 | 03 | 99 | 03 | 0 | 155 | 56 | 3 | 0 | 7 | 2 | 0 | 56 | 63 |
| | Sargodha | 000 | 0 | 7 | 36 | 02 | 97 | 02 | 1 | 159 | 62 | 0 | 0 | 9 | 0 | 8 | 45 | 67 |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 95 | 02 | 0 | 162 | 60 | 4 | 3 | 8 | 0 | 0 | 46 | 64 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 6 | 05 | 03 | 97 | 02 | 0 | 165 | 64 | 6 | 5 | 4 | 7 | 0 | 41 | 69 |
| | Leiah | 000 | 0 | 8 | 36 | 03 | 94 | 02 | 2 | 171 | 72 | 0 | 0 | 9 | 0 | 0 | 34 | // |
| Bahawalpur | Khanpur | 000 | 0 | 2 | 05 | 03 | 97 | 02 | 0 | 161 | 68 | 2 | 0 | 9 | 3 | 0 | 35 | 69 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 160 | 66 | 0 | 0 | 9 | 0 | 0 | 41 | 69 |
| | Fort Abbas | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 156 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | 68 |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 07 | 98 | 02 | 0 | 159 | 60 | 0 | 0 | 9 | 0 | 0 | 25 | 60 |
| Peshawar | Peshawar | 005 | 0 | 2 | 31 | 02 | 98 | 03 | 0 | 168 | 60 | 1 | 1 | 6 | 0 | 1 | 34 | 62 |
| | Haripur | 000 | 0 | 0 | 13 | 03 | 98 | 00 | 0 | 104 | 58 | 0 | 0 | 9 | 0 | 0 | 32 | 60 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 13 | 03 | 98 | 02 | 1 | 167 | 62 | 0 | 0 | 9 | 0 | 8 | 36 | 64 |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Sibi | 000 | 0 | 8 | 36 | 03 | 93 | 03 | 1 | 168 | 65 | 6 | 2 | 9 | 6 | 2 | 36 | 66 |
| | Nokkundi | 001 | 0 | 8 | 13 | 05 | 96 | 60 | 6 | 163 | 59 | 8 | 5 | 4 | 0 | 0 | 45 | 59 |
| Kalat | Turbat | 010 | 8 | 5 | 05 | 02 | 95 | 01 | 6 | 164 | 60 | 0 | 2 | 8 | 9 | 8 | // | 60 |
| | Jiwani | 061 | 7 | 7 | 11 | 02 | 96 | 17 | 6 | 117 | 67 | 2 | 9 | 6 | 2 | 0 | 61 | 73 |
| | Pasni | 000 | 0 | 6 | 11 | 14 | 97 | 02 | 0 | 130 | 74 | 3 | 3 | 9 | 0 | 9 | 59 | 79 |
| | Ormara | 000 | 0 | 6 | 09 | 05 | 96 | 02 | 2 | 133 | 73 | 6 | 8 | 9 | 0 | 0 | 58 | 77 |
| Karachi division | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 1 | 27 | 03 | 97 | 03 | 0 | 137 | 74 | 0 | 0 | 9 | 0 | 0 | 45 | 80 |
| | Karachi (Airport) | 000 | 0 | 0 | 13 | 07 | 96 | 02 | 0 | 136 | 76 | 0 | 0 | 9 | 0 | 0 | 75 | 77 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 144 | 76 | 0 | 0 | 0 | 0 | 0 | 16 | 85 |
| | Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 140 | 76 | 0 | 0 | 9 | 0 | 0 | 18 | 78 |
| | Hyderabad | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 1 | 141 | 76 | 0 | 0 | 9 | 0 | 0 | 33 | 79 |
| | Badin | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 141 | 77 | 0 | 0 | 9 | 0 | 0 | 31 | 79 |
| Khairpur | Padidan | 000 | 0 | 1 | 23 | 03 | 97 | 01 | 0 | 156 | 74 | 1 | 0 | 9 | 3 | 0 | 28 | 76 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 161 | 73 | 0 | 0 | 9 | 0 | 0 | 41 | 76 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 95 | 05 | 4 | 138 | 73 | 6 | 0 | 9 | 9 | 0 | 44 | 76 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 7 | 13 | 03 | 97 | 03 | 1 | 155 | 72 | 7 | 8 | 9 | 7 | 0 | 41 | 73 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Mizgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * | 000 | 0 | 0 | 36 | 10 | // | // | / | 514 | 45 | 0 | 0 | 9 | 0 | 0 | 70 | 49 |
| | Kakul * | 000 | 0 | 1 | 31 | 02 | 99 | 03 | 0 | 499 | 52 | 0 | 0 | 9 | 0 | 1 | 26 | 54 |
| | Landikotal * | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 628 | 58 | 0 | 0 | 9 | 0 | 0 | 40 | 60 |
| | Parachinar * | 000 | 0 | 4 | 13 | 07 | 98 | 03 | 0 | 496 | 45 | 1 | 1 | 7 | 0 | 4 | 25 | 46 |
| D.I. Khan | Miranshah * | 000 | 0 | 8 | 03 | 04 | 97 | 02 | 0 | 531 | 50 | 8 | 0 | 9 | 0 | 0 | 56 | 56 |
| | Wana * | 000 | 0 | 6 | 13 | 03 | 98 | 03 | 0 | 473 | 50 | 4 | 2 | 8 | 0 | 0 | 35 | 50 |
| Quetta | Fort Sandeman * | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 485 | 50 | 5 | 0 | 9 | 7 | 1 | 20 | 51 |
| | Hindubagh * | 000 | 0 | 8 | 09 | 13 | 97 | 03 | 0 | /// | 34 | 8 | 8 | 3 | 0 | 0 | 29 | // |
| | Loralai * | 000 | 0 | 8 | 18 | 07 | 98 | 01 | 0 | 517 | 40 | 0 | 1 | 9 | 8 | 0 | 32 | 48 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 8 | 07 | 02 | 96 | 02 | 0 | 484 | 54 | 0 | 0 | 9 | 0 | 0 | 34 | 37 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 13 | 04 | 96 | 02 | 2 | 471 | 40 | 5 | 4 | 9 | 4 | 0 | 36 | 46 |
| | Chaman * | 000 | 0 | 0 | 18 | 07 | 96 | 02 | 0 | 454 | 48 | 9 | 1 | 9 | 0 | 0 | 37 | 52 |
| | Nushki * | 005 | 8 | 0 | 11 | 03 | 97 | 50 | 6 | 459 | 49 | 8 | 5 | 7 | 0 | 0 | 41 | 56 |
| | Dalbandin * | 007 | 8 | 8 | 13 | 02 | 97 | 61 | 6 | 449 | 53 | 9 | 4 | 6 | 0 | 0 | 47 | 55 |
| Kalat | Kalat * | 000 | 3 | 9 | 18 | 03 | 96 | 00 | 2 | 474 | 38 | 7 | 5 | 2 | 9 | 2 | 30 | 38 |
| | Khuzdar * | 000 | 0 | 8 | 13 | 05 | 97 | 02 | 2 | 479 | 55 | 4 | 5 | 6 | 5 | 0 | 7 | 57 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 31 | 02 | 97 | 47 | 4 | 185 | 60 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 10 | 96 | 01 | 0 | 162 | 66 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — 1 | + 1 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 170 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 52 | — 4 | — 3 | 1.3 | — 1.7 | 0.1 | 198 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 7 | | | | | 115 |
| | Comilla | 000 | 0 | 0 | 36 | 05 | 94 | 02 | 0 | 161 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 52 | — 4 | — 1 | 1.3 | — 0.5 | 0.2 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 184 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | — | — | 2.1 | + 0.5 | 0.7 | 78 |
| | Sylhet | 000 | 0 | 0 | 02 | 03 | 96 | 02 | 0 | 175 | 60 | 0 | 0 | 9 | 0 | 0 | 52 | 54 | — | — | 3.6 | — | 2.1 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 164 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 41 | — 7 | — 7 | 3.0 | + 1.0 | 1.5 | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 190 | 60 | 0 | 0 | 9 | 0 | 0 | 52 | 49 | — 8 | — 5 | 1.1 | — 0.1 | 0.9 | 91 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 184 | 63 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | — 1 | — 3 | 2.5 | + 1.1 | 1.1 | 74 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 180 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 46 | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 180 | 63 | 0 | 0 | 9 | 0 | 0 | 45 | 49 | — 7 | — 4 | 2.3 | + 0.7 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 178 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 46 | — 6 | — 9 | 0.9 | — 1.1 | 0.1 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 176 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — 2 | 1.3 | — 0.3 | 0.0 | 60 |
| | Satkhira | 000 | 0 | 0 | 36 | 03 | 97 | 00 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 52 | 49 | — 6 | — 5 | 0.2 | — 2.0 | 0.0 | 68 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 4 | 180 | 60 | 0 | 0 | 9 | 0 | 0 | 43 | 45 | — | — | 2.4 | + 0.9 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 183 | 59 | 0 | 0 | 9 | 0 | 0 | 49 | 48 | — | — | 2.9 | — | 1.9 | 50 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 185 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 49 | — 7 | — 2 | 1.9 | + 0.7 | 1.5 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 190 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 49 | — 5 | — 3 | 4.1 | + 3.1 | 1.1 | — |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 186 | 58 | 0 | 0 | 9 | 0 | 0 | 46 | 45 | — 7 | — 7 | 1.7 | + 0.5 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 173 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 49 | — 7 | — 1 | 1.6 | + 0.8 | 0.8 | 78 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 138 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 52 | — | + 2 | 2.2 | + 1.3 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 7 | 00 | 00 | 95 | 05 | 1 | 165 | 47 | 1 | 5 | 6 | 2 | 0 | 42 | 41 | — 5 | 0 | 0.5 | — 1.1 | 0.5 | 19 |
| | Sialkot | 000 | 0 | 2 | 10 | 05 | 99 | 00 | 0 | 120 | 47 | 0 | 0 | 9 | 0 | 0 | 45 | // | — 6 | — | — | — | — | 32 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Islamabad | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | /// | 46 | 1 | 1 | 4 | 6 | 5 | 33 | 40 | — | — | 5.3 | — | 5.3 | — |
| | Rawalpindi | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 168 | 45 | 8 | 5 | 6 | 0 | 0 | 40 | 35 | — 2 | — 4 | 2.7 | — 1.0 | 2.6 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 0 | 166 | 46 | 5 | 8 | 8 | 0 | 0 | 45 | 45 | — 4 | + 3 | 0.3 | — 0.9 | 0.3 | 15 |
| | Sargodha | 000 | 0 | 7 | 00 | 00 | 96 | 04 | 2 | 153 | 49 | 1 | 5 | 6 | 7 | 8 | 45 | 45 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 0 | 149 | 50 | 4 | 4 | 8 | 0 | 0 | 43 | 40 | — 4 | — 1 | 0.2 | — 0.5 | 0.2 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 160 | 52 | 5 | 0 | 9 | 2 | 4 | 42 | 40 | + 1 | — 3 | 0.1 | — 0.6 | 0.1 | 7 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 5 | 09 | 05 | 96 | 03 | 5 | 145 | 52 | 2 | 0 | 9 | 3 | 1 | 35 | 43 | — 5 | 0 | 0.7 | + 0.2 | 0.4 | 6 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 6 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 04 | 98 | 00 | 0 | 108 | 56 | 0 | 0 | 9 | 0 | 0 | 49 | // | — | | — | — | — | 8 |
| Malakand | Chakdra | 000 | 0 | 8 | 09 | 02 | 97 | 03 | 2 | 154 | 41 | 8 | 0 | 9 | 2 | 1 | 34 | 33 | — | — | 1.1 | — | 1.1 | — |
| Peshawar | Peshawar | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 161 | 45 | 1 | 5 | 7 | 2 | 0 | 38 | 35 | — | — 6 | 1.0 | — 1.3 | 0.5 | 11 |
| | Haripur | 000 | 0 | 8 | 05 | 03 | 97 | 03 | 2 | 167 | 44 | 8 | 0 | 9 | 7 | 0 | 32 | 38 | — 1 | — | 2.5 | — | 1.7 | — |
| D. I. Khan | Bannu | 000 | 0 | 8 | 13 | 02 | 98 | 04 | 2 | 154 | 54 | 8 | 2 | 6 | 0 | 0 | 34 | 45 | — | — | 0.6 | — | 0.1 | 11 |
| | D. I. Khan | 000 | 0 | 9 | 09 | 00 | 97 | 03 | 1 | 173 | 54 | 2 | 5 | 6 | 2 | 1 | 46 | 45 | — | + 4 | 1.0 | + 0.2 | 1.0 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 36 | 03 | 97 | 03 | 1 | 185 | 50 | 6 | 2 | 9 | 6 | 2 | 43 | 44 | — | — | 0.0 | — | 0.0 | 6 |
| | Nokkundi | 001 | 0 | 0 | 11 | 04 | 97 | 01 | 5 | 152 | 43 | 2 | 5 | 7 | 0 | 0 | 29 | 40 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Jiwani | 105 | 0 | 5 | 31 | 86 | 96 | 82 | 2 | 109 | 62 | 3 | 5 | 6 | 0 | 0 | 46 | 59 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 6 | 09 | 04 | 97 | 00 | 2 | 107 | 61 | 3 | 3 | 9 | 9 | 0 | 61 | 22 | + 5 | — | 2.5 | — 0.1 | 2.5 | 6 |
| | Ormara | 158 | 6 | 8 | 07 | 07 | 96 | 04 | 4 | 118 | 60 | 6 | 8 | 6 | 0 | 0 | 58 | // | — | — | 2.3 | + 0.3 | 2.3 | 4 |
| Karachi division | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 3 | 09 | 07 | 96 | 03 | 0 | 114 | 63 | 0 | 0 | 9 | 8 | 0 | 41 | 61 | + 5 | + 3 | 0.3 | — 0.4 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 118 | 56 | 3 | 0 | 9 | 2 | 0 | 29 | 49 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 126 | 53 | 0 | 0 | 0 | 0 | 0 | 52 | 53 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 119 | 47 | 0 | 0 | 9 | 0 | 0 | 20 | 44 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 126 | 55 | 4 | 0 | 9 | 0 | 0 | 30 | 53 | + 2 | + 2 | 0.1 | — 0.1 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 140 | 49 | 0 | 0 | 9 | 0 | 0 | 35 | 45 | 0 | — 6 | 0.1 | — 0.3 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 8 | 36 | 02 | 96 | 03 | 0 | 136 | 48 | 6 | 4 | 7 | 2 | 0 | 43 | 45 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 3 | 31 | 02 | 96 | 03 | 0 | 227 | 45 | 3 | 0 | 9 | 2 | 0 | 38 | 41 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 05 | 03 | 96 | 03 | 2 | 109 | 50 | 7 | 0 | 9 | 9 | 0 | 41 | 47 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 7 | 05 | 02 | 96 | 03 | 2 | 148 | 55 | 7 | 0 | 9 | 7 | 0 | 49 | 46 | + 1 | 0 | 0.1 | — 0.3 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Mizgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 2 | 524 | 36 | 6 | 5 | 7 | 2 | 0 | // | // | | — | — | — | — | 29 |
| Peshawar | Cherat * | 000 | 0 | 8 | 00 | 00 | 98 | 03 | 2 | 488 | 43 | 0 | 0 | 9 | 6 | 0 | 22 | 38 | — | 9 | 1.4 | — 2.4 | 0.9 | — |
| | Kakul * | 000 | 0 | 7 | 13 | 02 | 97 | 03 | 2 | 486 | 40 | 5 | 4 | 5 | 3 | 0 | 25 | 35 | 0 | — | 4.1 | — | 3.0 | — |
| | Landikotal * | 000 | 0 | 6 | 13 | 05 | 98 | 03 | 4 | 612 | 40 | 6 | 7 | 6 | 0 | 0 | 36 | 38 | — | — | 0.8 | — | 0.1 | 29 |
| | Parachinar * | 000 | 0 | 8 | 02 | 09 | 96 | 02 | 2 | 495 | 34 | 4 | 7 | 4 | 2 | 0 | 32 | 34 | — 4 | + 5 | 1.3 | — | 0.7 | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 524 | 50 | 8 | 0 | 9 | 0 | 0 | 43 | 35 | — | — | 0.0 | — 1.5 | 0.0 | 11 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 8 | 00 | 00 | 96 | 05 | 2 | 475 | 34 | 7 | 7 | 6 | 1 | 8 | 25 | 30 | — 9 | — 5 | 0.4 | — 0.9 | 0.4 | — |
| | Hindubagh * | 020 | 0 | 5 | 01 | 09 | 92 | 71 | 7 | /// | 14 | 8 | 8 | 3 | 0 | 0 | 18 | 19 | — | — | 1.1 | — | 0.9 | 8 |
| | Loralai * | 020 | 0 | 8 | 00 | 00 | 97 | 01 | 0 | 480 | 37 | 0 | 1 | 9 | 0 | 8 | 35 | 30 | — | — | 0.3 | — | 0.2 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 030 | 7 | 0 | 13 | 03 | // | 03 | 5 | 440 | 44 | 0 | 0 | 9 | 0 | 7 | 40 | 37 | — | — | 0.5 | — 1.3 | 0.5 | 9 |
| | Samungli (Quetta) * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 9 |
| | Chaman * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Nushki * | 118 | 8 | 0 | 00 | 00 | 96 | 62 | 6 | 515 | 36 | 8 | 6 | 9 | 0 | 0 | 35 | 33 | — | — | 2.9 | — | 28.5 | 4 |
| | Dalbandin * | 078 | 0 | 0 | 05 | 03 | 97 | 51 | 4 | 462 | 42 | 8 | 5 | 6 | / | / | 40 | 42 | — 9 | + 3 | 2.1 | + 3.6 | 2.1 | 7 |
| Kalat | Kalat * | 000 | 0 | 7 | 23 | 03 | 56 | 00 | 2 | 432 | 28 | 7 | 7 | 9 | 2 | 0 | 20 | 30 | + 8 | + 2 | 0.8 | — 1.5 | 0.8 | — |
| | Khuzdar * | 000 | 0 | 3 | 36 | 02 | 96 | 02 | 2 | 486 | 43 | 5 | 5 | 6 | 2 | 0 | 36 | 41 | — | — | 1.0 | — | 0.7 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 29th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhCLhCMCH | DsVs a PP | 7RR tRdR | 8NsCh, hs | OTsTsTdTd | ITwTwTwxT | 3PwPwHwHw | d dwPwHwHw |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Fauta ... ... | 99 1 95 | 10 5 95 | 28 0 44 | 11 6 00 | 99 0 00 | 15 0 25 | 12 6 00 | 14 3 07 | | | 05 1 98 | 12 5 06 | 30 3 09 | --- |
| Kazylia ... ... | 99 2 26 | 10 6 67 | 28 0 63 | 31 8 20 | 98 0 21 | 14 8 23 | 32 4 00 | ... | | | 0/ / 18 | 12 3 35 | 30 3 05 | ... |
| Naecop ... ... | 99 1 86 | 10 6 38 | 28 0 63 | 91 0 50 | 99 2 20 | 16 6 24 | 14 5 28 | 33 2 17 | | | 0/ / 16 | 11 5 04 | 30 2 01 | 67 5 02 |
| Fauta ... ... | 99 2 09 | 10 5 93 | 28 0 24 | 12 1 02 | 99 0 10 | 12 7 24 | 12 5 02 | 14 7 18 | | | 05 4 14 | 12 6 00 | 30 0 00 | 14 5 02 |
| Naecop ... ... | 99 1 77 | 10 6 47 | 28 1 23 | 21 0 04 | 99 0 20 | 12 5 26 | 14 0 40 | 33 6 17 | | | 0/ / 19 | 12 6 27 | 30 2 01 | --- |
| Kabla ... ... | 99 2 18 | 10 6 21 | 28 1 23 | 21 8 09 | 98 0 21 | 12 3 18 | 22 4 00 | ... | | | 0/ / 16 | 12 3 08 | 30 2 02 | 15 6 02 |
| Kabylia ... ... | 99 2 06 | 10 6 30 | 28 1 83 | 02 0 02 | 98 0 21 | 13 8 23 | 00 9 00 | ... | | | 0/ / 13 | 12 5 98 | 30 2 02 | ... |
| Fauta ... ... | 99 2 25 | 10 5 99 | 28 1 94 | 12 2 17 | 98 1 30 | 10 6 23 | 13 1 00 | 04 7 12 | | | 05 6 19 | 12 6 02 | 30 3 02 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPo ToToTo DoDo | hhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 012 138 50 | ... | 490 062 58 | 067 038 59 | 573 131 30 | 742 179 59 | 951 335 58 | 233 573 / / | /// 711 / / | 626 681 / / | ... | ... | ... |
| Dacca ... | 00 00 | 014 084 32 | ... | 400 064 56 | 062 315 56 | 5/2 129 50 | 742 165 56 | 954 331 57 | 2.8 535 / / | 410 625 / / | --- | ... | ... | --- |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 008 140 59 | ... | 400 054 45 | 301 015 / / | 564 135 / / | 730 235 / / | 934 375 / / | | | ... | ... | ... | --- |
| Multan ... | 00 00 | 959 110 40 | .. | 500 070 56 | 044 005 / / | 569 107 / / | 738 191 / / | 939 261 / / | 242 305 / / | 403 345 / / | 715 595 / / | ... | ... | ... |
| Peshawar ... | 00 00 | 972 092 57 | ... | 420 064 60 | 922 039 59 | 550 175 / / | 714 285 / / | 918 451 / / | ... | ... | --- | ... | --- | ... |
| Quetta ... | 00 00 | ... | ... | ... | | ... | | ... | ... | ... | --- | ... | ... | --- |
| Sargodha ... | 00 00 | 994 090 54 | ... | 422 070 57 | 049 030 54 | 561 221 / / | 723 315 / / | 922 421 / / | 170 525 / / | ... | --- | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE PtTtPtTtTtTat | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 094 58 | 800 038 58 | 600 045 37 | 350 249 58 | 257 634 43 | --- | --- | --- | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 064 56 | 800 052 56 | 600 045 50 | 350 215 50 | 250 804 11 | ... | .. | --- | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | --- | ... | --- | --- | --- | ... | --- | --- | --- | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | --- | ... | --- | --- | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | --- | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | --- | ... | ... | ... | --- | ... |
| Sargodha ... | 00 00 | ... | ... | --- | ... | --- | ... | --- | ... | --- | --- | ... | --- |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| | At 1200 hrs. G.M.T.† of Previous day (dd ff) | | | | | | | | |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 005 05 | 285 09 | ... | 250 23 | 250 29 | 250 23 | ... | --- | ... |
| Bogra ... | 265 05 | 240 05 | 255 05 | 285 10 | --- | --- | --- | ... | --- |
| Chaklala ... | ... | 285 07 | 335 04 | 020 08 | 010 07 | 095 05 | 330 04 | 280 29 | 280 13 |
| Chhor ... | 050 11 | 055 12 | 060 11 | 075 09 | 120 07 | 205 12 | 230 23 | 250 58 | 245 74 |
| Chittagong ... | 325 04 | 325 10 | 300 12 | 260 21 | 245 25 | 205 15 | 210 19 | ... | ... |
| Cherat ... | ... | ... | ... | ... | --- | ... | --- | --- | .. |
| Cox's Bazar ... | 355 13 | 250 15 | 340 13 | 335 15 | 330 18 | 315 24 | --- | ... | ... |
| Dacca ... | 280 04 | 285 03 | 278 55 | 180 04 | 280 27 | 285 03 | ... | 275 55 | --- |
| Dalbandin ... | --- | .. | 170 10 | 220 06 | 225 21 | ... | - | ... | ... |
| D. I. Khan ... | 150 04 | 115 03 | 105 03 | 070 04 | 195 05 | 025 02 | ... | ... | ... |
| Drosh ... | ... | ... | ... | 035 03 | 030 12 | 005 12 | 355 22 | 350 24 | 360 25 |
| Fort Sandeman ... | --- | ... | ... | 270 02 | 225 07 | 200 05 | 045 15 | 295 23 | 270 27 |
| Gilgit ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 265 05 | 265 07 | 295 12 | 290 23 | 270 25 | 295 38 | 305 39 | ... | --- |
| Jacobabad ... | 125 07 | 125 07 | 140 05 | 305 10 | 205 13 | 215 21 | ... | --- | . |
| Jessore ... | 340 04 | 315 03 | 315 05 | 300 13 | 285 18 | 280 37 | 300 29 | | --- |
| Jhelum ... | 290 10 | 305 19 | 330 09 | 335 12 | 325 09 | 125 04 | 285 13 | 280 33 | 280 51 |
| Jiwani ... | 120 15 | 145 03 | ... | ... | ... | ... | ... | ... | --- |
| Karachi ... | 155 11 | 150 08 | 130 07 | 100 14 | 095 07 | 195 09 | ... | 255 41 | ... |
| Khanpur ... | 045 08 | 065 08 | 065 07 | 040 02 | 225 06 | 075 09 | 340 08 | 230 24 | 230 31 |
| Khuzdar ... | ... | --- | ... | --- | ... | ... | ... | ... | --- |
| Lahore ... | 315 10 | 310 13 | 310 15 | 320 19 | 325 10 | 330 15 | 350 03 | ... | --- |
| Multan ... | 060 05 | 095 04 | 095 04 | 260 02 | ... | ... | ... | ... | ... |
| Nawab Shah ... | 095 03 | 095 02 | 115 04 | 145 07 | 225 10 | 245 24 | 265 17 | 260 20 | 260 23 |
| Nokkundi ... | No | Ascent | --- | ... | ... | --- | ... | ... | --- |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 345 05 | 360 05 | 355 06 | 350 06 | 350 07 | 270 13 | 280 01 | 270 37 |
| Parachinar ... | --- | ... | --- | 130 03 | 165 05 | 280 23 | 065 04 | 275 52 | 280 29 |
| Quetta ... | No | Ascent | --- | --- | ... | ... | ... | ... | ... |
| Sargodha ... | 325 16 | 345 06 | 250 06 | 315 04 | 315 10 | 325 12 | 265 19 | ... | 275 21 |
| Skardu ... | ... | ... | ... | 245 01 | 260 02 | 115 03 | 260 02 | 105 08 | 085 06 |
| Sylhet ... | 255 06 | 200 06 | 205 01 | 245 07 | 250 15 | 265 31 | --- | --- | --- |
| Veraval ... | ... | --- | ... | --- | ... | --- | --- | ... | --- |

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| | At 0000 hrs. G.M.T.† of date (dd ff) | | | | | |
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 020 12 | 010 13 | 325 14 | 335 13 | 335 16 | 310 19 |
| Bogra ... | 330 16 | 345 08 | 360 06 | 295 11 | 310 32 | 305 35 |
| Chaklala ... | ... | 055 01 | 145 09 | 125 04 | 160 06 | 200 09 |
| Chhor ... | 110 28 | 110 11 | 215 13 | 250 09 | 245 08 | 295 19 |
| Chittagong ... | ... | --- | ... | ... | ... | ... |
| Cherat ... | .. | | | | | --- |
| Cox's Bazar ... | 010 13 | 005 19 | 005 31 | 345 19 | 330 21 | ... |
| Dacca ... | 350 08 | 3-5 08 | 315 11 | ... | 295 27 | ... |
| Dalbandin ... | No | Ascent | | | | ... |
| D. I. Khan ... | 285 04 | 285 03 | 260 84 | 260 06 | 280 01 | ... |
| Drosh ... | | | --- | 010 10 | 040 09 | |
| Fort Sandeman ... | .. | . | --- | 025 06 | 170 19 | 205 43 |
| Gilgit ... | No | Ascent | --- | | | |
| Ishurdi ... | 345 05 | 015 09 | 020 09 | 310 13 | 313 11 | 285 39 |
| Jacobabad ... | 202 01 | 260 12 | 260 20 | ... | | |
| Jessore ... | 020 11 | 015 10 | 345 12 | 310 21 | 360 21 | 315 37 |
| Jhelum ... | 330 08 | 320 10 | 315 04 | 135 05 | --- | --- |
| Jiwani ... | 300 28 | 295 33 | 290 23 | --- | ... | --- |
| Karachi ... | ... | ... | .. | ... | ... | ... |
| Khanpur ... | 100 13 | 110 14 | 120 15 | 150 15 | 140 02 | 360 14 |
| Khuzdar ... | | | ... | 170 58 | 190 33 | ... |
| Lahore ... | 090 06 | 330 07 | 305 09 | 295 00 | 305 09 | .. |
| Multan ... | 120 11 | 095 07 | 280 04 | 195 04 | 195 08 | 195 16 |
| Nawab Shah ... | 120 12 | 125 18 | 125 14 | 165 07 | 230 05 | --- |
| Nokkundi ... | ... | .. | 320 19 | 320 21 | 285 18 | --- |
| Panjgur ... | ... | | | | | |
| Peshawar ... | ... | 075 06 | 360 06 | 300 05 | 335 07 | 205 35 |
| Parachinar ... | ... | ... | ... | 235 08 | 015 02 | ... |
| Quetta ... | --- | | | | | |
| Sargodha ... | 325 06 | 030 02 | 060 04 | 305 03 | 235 21 | 270 10 |
| Skardu ... | ... | | ... | | ... | ... |
| Sylhet ... | 105 08 | 105 09 | 100 17 | 055 07 | 305 17 | 300 40 |
| Veraval ... | ... | ... | ... | --- | --- | - |

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 0600 hrs. G.M.T.† of date (dd ff) | | | | | | | | | | |
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 370 02 | 328 05 | 320 11 | 330 20 | 370 78 | 370 36 | 300 40 | ... | .. | --- | ... |
| Bogra ... | 360 05 | 360 07 | 360 06 | 360 07 | 305 21 | 295 44 | 295 43 | ... | - | ... | ... |
| Chaklala ... | ... | 135 04 | 225 04 | 209 03 | 130 13 | --- | ... | ... | ... | ... | ... |
| Chhor ... | 165 18 | 165 22 | 105 17 | 200 14 | 270 22 | 245 27 | ... | ... | ... | ... | ... |
| Chittagong ... | 330 08 | 310 06 | 310 08 | 315 11 | 310 21 | 200 42 | 255 42 | 245 54 | - | ... | --- |
| Cherat ... | ... | ... | | | ... | | | | ... | ... | ... |
| Cox's Bazar ... | 335 10 | 260 13 | 360 14 | 345 13 | 355 15 | 325 25 | 285 22 | 285 33 | ... | ... | ... |
| Dacca ... | 340 07 | 335 08 | 345 06 | 360 04 | 320 21 | 310 47 | 295 41 | 295 51 | 295 56 | 300 61 | 285 83 |
| Dalbandin ... | | | 135 01 | 340 05 | | | | | | | |
| D. I. Khan ... | 310 09 | 370 06 | 345 04 | 115 04 | 205 13 | --- | --- | .. | ... | ... | ... |
| Drosh ... | ... | --- | --- | | | | ... | --- | --- | ... | ... |
| Fort Sandeman ... | | | | 190 03 | 085 04 | 245 10 | --- | --- | ... | ... | ... |
| Gilgit ... | No | Ascent | | | | | ... | ... | --- | ... | --- |
| Ishurdi ... | 240 01 | 350 07 | 355 07 | 145 05 | 314 07 | 315 31 | 310 32 | --- | --- | ... | ... |
| Jacobabad ... | 085 11 | 210 07 | 165 07 | 190 11 | 175 10 | | --- | ... | ... | ... | ... |
| Jessore ... | 030 09 | 355 09 | 358 10 | 310 21 | 330 23 | 300 21 | 295 39 | 295 46 | 300 58 | 300 74 | ... |
| Jhelum ... | 315 04 | 130 04 | 085 05 | 280 05 | 215 06 | | | | | | ... |
| Jiwani ... | 330 17 | 335 19 | 340 20 | 300 25 | 250 25 | 250 40 | 255 58 | 260 79 | 260 84 | 260 84 | ... |
| Karachi ... | 145 10 | 165 13 | 180 13 | 205 15 | | ... | ... | ... | --- | ... | ... |
| Khanpur ... | 065 11 | 180 15 | 105 21 | 085 07 | 070 27 | ... | ... | - | ... | ... | --- |
| Khuzdar ... | | | | 220 77 | 165 06 | | | | | | |
| Lahore ... | 070 02 | 295 03 | 280 04 | 295 03 | 265 05 | 275 03 | 215 08 | ... | 270 09 | ... | ... |
| Multan ... | ... | | | | | | ... | ... | ... | .. | ... |
| Nawab Shah ... | 235 06 | 165 09 | 165 08 | 190 08 | 215 25 | .. | ... | ... | ... | . | ... |
| Nokkundi ... | ... | ... | 015 11 | 360 21 | 350 27 | ... | --- | ... | ... | --- | --- |
| Panjgur ... | ... | | | | | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 355 08 | 020 07 | 095 06 | 095 10 | 110 13 | 090 19 | --- | ... | ... | --- |
| Parachinar ... | No | --- | --- | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | | | | | | | | |
| Sargodha ... | 030 11 | 030 07 | 030 05 | 260 03 | 210 10 | 190 21 | 225 31 | ... | | ... | - |
| Skardu ... | | | | 290 09 | 130 13 | 205 08 | | ... | ... | ... | ... |
| Sylhet ... | 055 05 | 070 08 | 085 10 | 055 09 | 060 22 | 320 27 | 305 49 | ... | ... | ... | ... |
| Veraval ... | --- | ... | --- | ... | ... | --- | ... | ... | --- | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong --- | | | | | | | | | | | | | | | | | | |
| Dacca --- | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani --- | | | | | | | | | | | | | | | | | | |
| Karachi ... | 090 11 | 100 15 | 100 17 | 120 18 | 195 19 | 240 27 | 260 44 | 250 57 | 256 21 | 260 84 | 265 94 | ... | ... | --- | --- | ... | --- | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar --- | | | | | | | | | | | | | | | | | | |
| Quetta .. | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

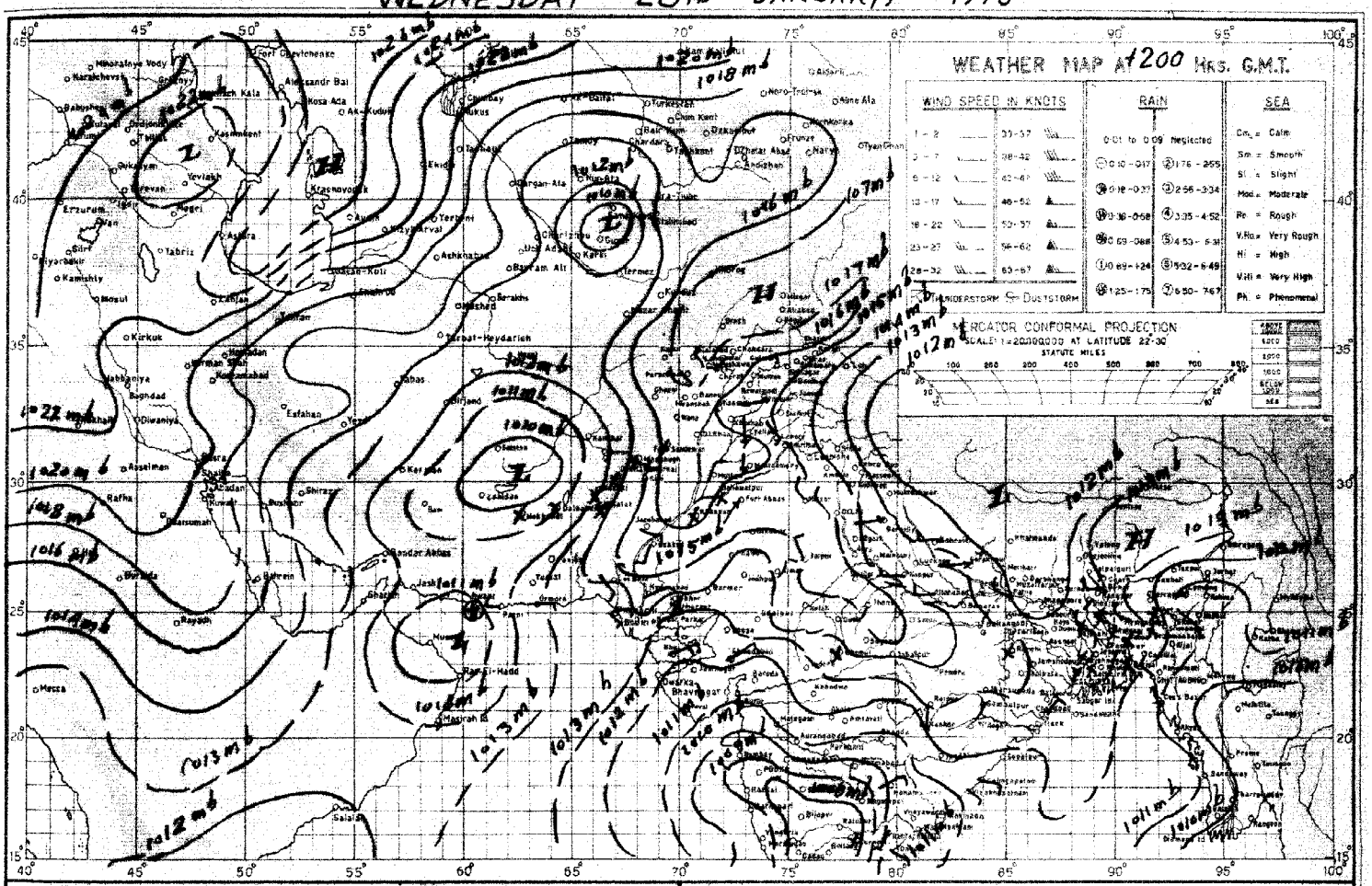
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

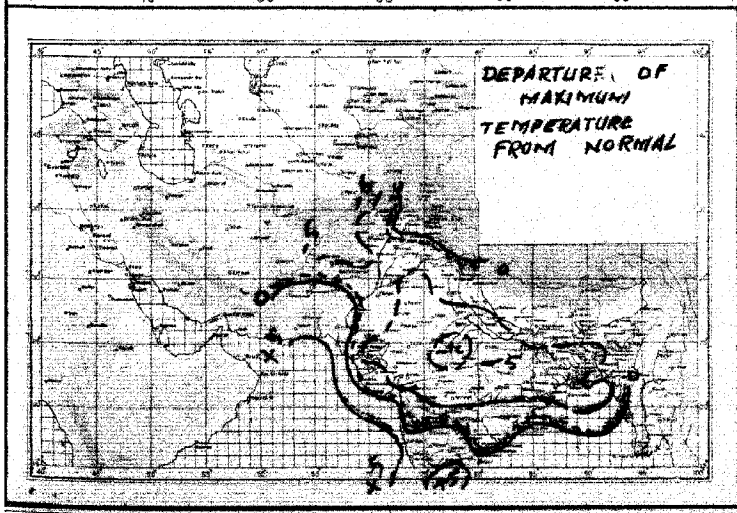
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

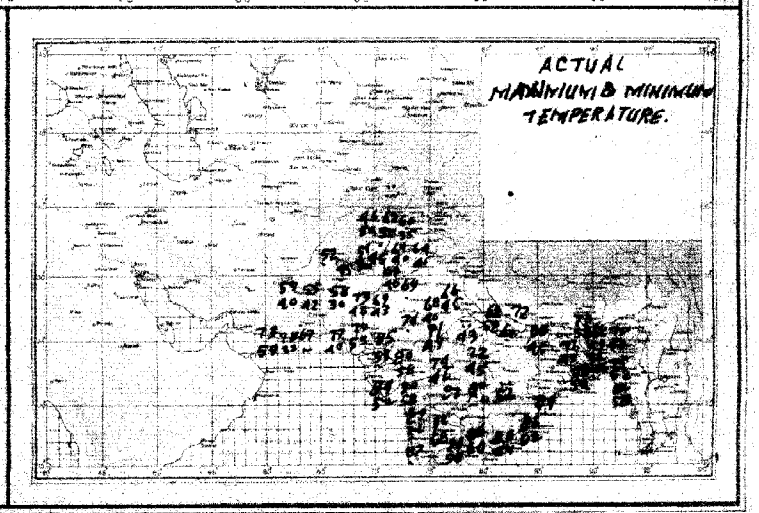
The accuracy of individual entries in this report cannot not be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 28th JANUARY, 1970



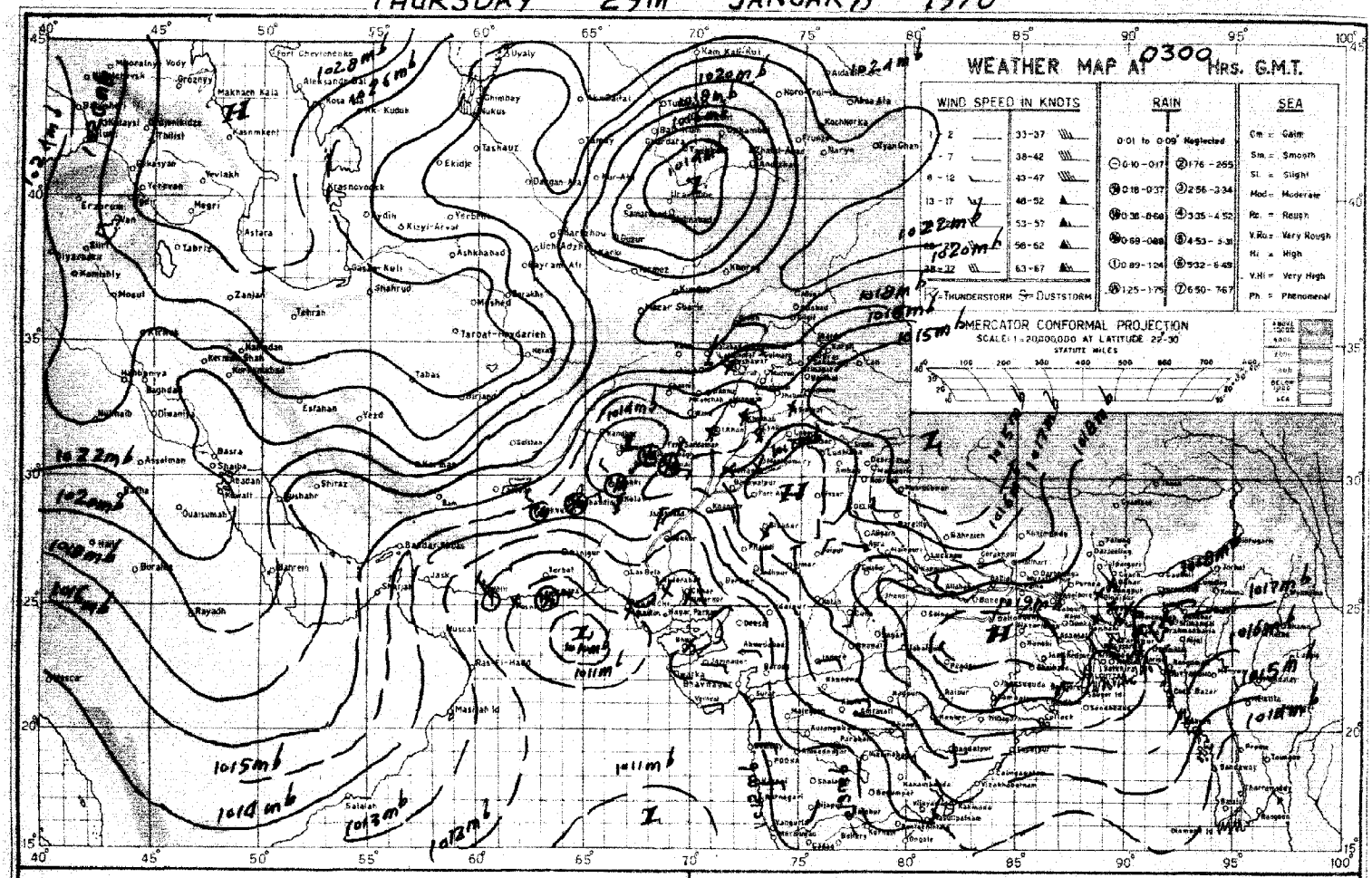



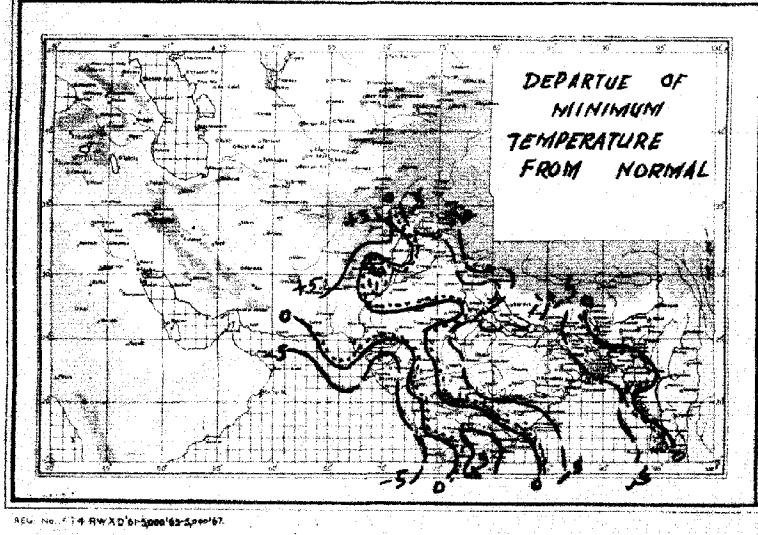



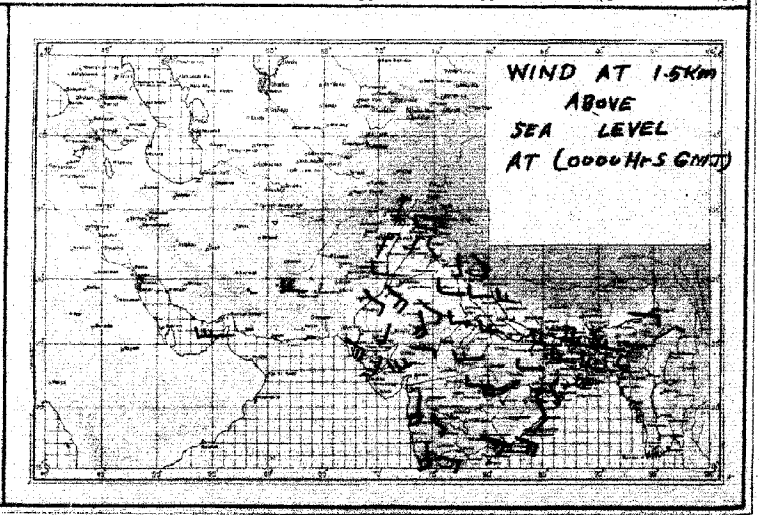

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

THURSDAY 29th JANUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 30th JANUARY 1970.**

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

Yesterday's western disturbance over Afghanistan is moving away across north eastern divisions of West Pakistan. Its secondary is moving away across Rajasthan.

Rain/showers with snow fall over hills have been fairly widespread in Malakand division, local in Peshawar, D. I. Khan divisions and scattered in Rawalpindi, Quetta and Kalat divisions. A few falls of light rain/drizzle occurred in Lahore, Sargodha, Multan, Karachi and Hyderabad divisions.

Dry continental air prevails over East Pakistan where weather remained dry.

Chief amounts of rainfall are : Chakdara and Parachinar ¾" each, Peshawar, Wana and Cherat ½" each, Haripur, Harnai and Nushki ¼" each.

Night temperatures were 3—8 °F (2—4 °C) below normal in Quetta division and East Pakistan outside Rajshahi division and were to the same extent above normal in Lahore, Rawalpindi, Sargodha, Multan, Bahawalpur and D. I. Khan divisions.

**Forecast valid until the evening of 31st January 1970 :—** Rain/snow will be local in Kashmir and scattered over the hills in Malakand, Peshawar and Rawalpindi divisions. Weather will remain dry elsewhere in the country.

**Cold wave warning:-** Moderate cold wave likely to sweep over West Pakistan during next 24 Hrs and persists for 2 to 3 days.

Karachi-11
The 30th January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 31 | 01 | // | 00 | 4 | 139 | 74 | 0 | 0 | 9 | 0 | 0 | 44 | 74 |
| | Cox's Bazar | 000 | 0 | 3 | 31 | 04 | // | 03 | 0 | 134 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| | Chittagong | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 136 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 72 |
| | Maijdee Court | 000 | 0 | 0 | 36 | 02 | // | 00 | 0 | 138 | 70 | 0 | 0 | 9 | 0 | 0 | 43 | 72 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 143 | 74 | 0 | 0 | 9 | 0 | 0 | 70 | 74 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 145 | 65 | 0 | 0 | 9 | 0 | 0 | 65 | 74 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 137 | 65 | 0 | 0 | 9 | 0 | 0 | 51 | 74 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 147 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 138 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 77 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 143 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 72 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 133 | 66 | 0 | 0 | 9 | 0 | 0 | 44 | 78 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 144 | 62 | 0 | 0 | 9 | 0 | 0 | 48 | 72 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 149 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 72 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 156 | 65 | 0 | 0 | 0 | 0 | 0 | 49 | 70 |
| | Jessore | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 149 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 72 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 150 | 66 | 0 | 0 | 9 | 0 | 0 | 42 | 76 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | // | 00 | 0 | 153 | 66 | 0 | 0 | 9 | 0 | 0 | 50 | 70 |
| | Rajshahi | 000 | 0 | 0 | 36 | 02 | 95 | 02 | 0 | 149 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 72 |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 140 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 72 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 130 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 7 | 31 | 02 | 95 | 02 | 2 | 146 | 60 | 4 | 5 | 6 | 7 | 0 | 41 | 62 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 8 | 36 | 02 | 98 | 02 | 2 | 155 | 55 | 5 | 5 | 6 | 2 | 1 | 42 | 58 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 005 | 5 | 8 | 00 | 00 | 98 | 20 | 5 | 185 | 49 | 8 | 5 | 6 | 0 | 0 | 44 | 52 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 08 | 96 | 04 | 3 | 177 | 51 | 6 | 3 | 8 | 2 | 8 | 47 | 66 |
| | Sargodha | 000 | 0 | 7 | 36 | 05 | 96 | 04 | 1 | 146 | 59 | 4 | 5 | 6 | 2 | 0 | 44 | 60 |
| | Lyallpur | 000 | 0 | 5 | 36 | 02 | 95 | 01 | 0 | 144 | 58 | 5 | 4 | 7 | 0 | 0 | 49 | 62 |
| Multan | Sahiwal | 000 | 0 | 8 | 05 | 03 | 97 | 02 | 0 | 143 | 59 | 4 | 5 | 6 | 7 | 0 | 44 | 65 |
| | Multan | 000 | 0 | 8 | 00 | 08 | 94 | 02 | 2 | 138 | 70 | 8 | 8 | 7 | 0 | 0 | 32 | 70 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur | 000 | 0 | 7 | 00 | 00 | 97 | 00 | 0 | 31 | 42 | 0 | 0 | 9 | 0 | 0 | 41 | 66 |
| | Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 0 | 096 | 66 | 2 | 0 | 9 | 0 | 0 | 59 | 66 |
| Malakand | Chakdra | 013 | 8 | 5 | 23 | 02 | 96 | 61 | 6 | 184 | 44 | 8 | 8 | 6 | 0 | 0 | 39 | 39 |
| Peshawar | Peshawar | 010 | 3 | 8 | 00 | 00 | 96 | 60 | 6 | 187 | 49 | 6 | 6 | 5 | 2 | 1 | 49 | 57 |
| | Haripur | 006 | 1 | 8 | 36 | 02 | 96 | 62 | 6 | 179 | 44 | 8 | 8 | 6 | 0 | 0 | 41 | 59 |
| D. I. Khan | Bannu | 010 | 3 | 8 | 07 | 03 | 98 | 61 | 6 | 173 | 49 | 8 | 2 | 6 | 0 | 0 | 44 | 54 |
| | D. I. Khan | 004 | 7 | 8 | 00 | 00 | 97 | 02 | 5 | 159 | 55 | 5 | 5 | 8 | 2 | 1 | 46 | 59 |
| Quetta | Sibi | 000 | 0 | 8 | 36 | 02 | 97 | 03 | 1 | 143 | 58 | 6 | 2 | 9 | 0 | 2 | 48 | 61 |
| | Nokkundi | 000 | 0 | 3 | 23 | 14 | 97 | 03 | 0 | 147 | // | / | / | / | / | / | 28 | 51 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani | 000 | 0 | 2 | 36 | 19 | 96 | 02 | 9 | 116 | 68 | 2 | 6 | 6 | 9 | 0 | 43 | 68 |
| | Pasni | 000 | 8 | 5 | 05 | 08 | 97 | 00 | 1 | 105 | 69 | 3 | 2 | 9 | 0 | 9 | 51 | 79 |
| Karachi division | Ormara | 000 | 0 | 4 | 00 | 00 | 96 | 06 | 6 | 103 | 68 | 4 | 8 | 6 | 8 | 0 | 61 | 69 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 101 | 70 | 0 | 0 | 8 | 0 | 0 | 36 | 72 |
| | Karachi (Manora) | 000 | 0 | 7 | 13 | 07 | 97 | 03 | 2 | 110 | 67 | 0 | 0 | 9 | 0 | 0 | 50 | 71 |
| | Karachi (Airport) | 000 | 8 | 8 | 18 | 07 | 96 | 02 | 2 | 102 | 68 | 5 | 6 | 5 | 3 | 1 | 47 | 71 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 81 | 6 | 6 | 6 | 0 | 0 | 30 | 80 |
| | Chhor | 000 | 0 | 7 | 13 | 03 | 96 | 03 | 2 | 097 | 70 | 4 | 5 | 6 | 5 | | 36 | 74 |
| | Hyderabad | 000 | 0 | 8 | 36 | 05 | 97 | 02 | 2 | 112 | 69 | 8 | 0 | 9 | 3 | 0 | 39 | 71 |
| | Badin | 000 | 0 | 5 | 23 | 04 | 96 | 03 | 0 | 111 | 77 | 0 | 0 | 9 | 0 | 8 | 35 | 79 |
| Khairpur | Padidan | 000 | 0 | 7 | 36 | 05 | 96 | 03 | 2 | 114 | 63 | / | 5 | 7 | 2 | 0 | 39 | 65 |
| | Nawabshah | 000 | 0 | 8 | 31 | 05 | 96 | 02 | 2 | 116 | 67 | 0 | 0 | 9 | 1 | 0 | 55 | 67 |
| | Sukkur | 000 | 0 | 7 | 16 | 05 | 96 | 03 | 2 | 117 | 65 | 7 | 0 | 9 | 9 | 0 | 40 | 65 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * | 000 | 0 | 8 | 00 | 00 | 91 | 89 | 0 | 509 | 39 | 0 | 0 | 9 | 0 | 0 | 38 | 48 |
| | Kakul * | 009 | 8 | 8 | 20 | 05 | 96 | 03 | 2 | 495 | 41 | 3 | 5 | 6 | 2 | 1 | 51 | 44 |
| | Landikotal * | 005 | 9 | 8 | 31 | 04 | 98 | 03 | 6 | 620 | 55 | 8 | 7 | 6 | 1 | 1 | 38 | 55 |
| | Parachinar * | 027 | 6 | 8 | 00 | 00 | 94 | 71 | 7 | 491 | 32 | 8 | 7 | 4 | 1 | 1 | 51 | 35 |
| D.I. Khan | Miranshah * | 009 | 0 | 8 | 08 | 05 | 96 | 02 | 0 | 47 | 39 | 8 | 0 | 9 | 0 | 0 | 38 | 39 |
| | Wana * | 035 | 8 | 8 | 00 | 00 | 96 | 69 | 7 | 484 | 33 | 9 | 2 | 6 | 0 | 0 | 41 | 39 |
| Quetta | Fort Sandeman * | 004 | 4 | 7 | 23 | 07 | 96 | 51 | 5 | 462 | 39 | 7 | 6 | 7 | 1 | 1 | 67 | 43 |
| | Hindubagh * | 020 | 8 | 2 | 23 | 01 | 96 | 03 | 5 | /// | 29 | 8 | 8 | 4 | 0 | 0 | 20 | 53 |
| | Loralai * | 003 | 8 | 0 | 00 | 00 | 97 | 01 | 0 | 400 | 38 | 0 | 1 | 9 | 0 | 8 | 33 | 30 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 020 | 1 | 7 | 05 | 02 | 94 | 20 | 5 | 446 | 44 | 0 | 0 | 9 | 7 | 0 | 40 | 46 |
| | Samungli (Quetta) * | 000 | 2 | 8 | 13 | 12 | 94 | 70 | 7 | 475 | 31 | 8 | 4 | 7 | 0 | 0 | // | 37 |
| | Chaman * | | | | | | | | | | | | | | | | | |
| | Nushki * | 030 | 7 | 0 | 00 | 00 | 97 | 02 | 6 | 518 | 40 | 7 | 4 | 7 | 0 | 0 | 38 | 58 |
| | Dalbandin * | 000 | 0 | 5 | 31 | 07 | 77 | 00 | 1 | 484 | 48 | 5 | 3 | 7 | 0 | 0 | 28 | 50 |
| Kalat | Kalat * | 000 | 0 | 7 | 36 | 02 | 96 | 22 | 2 | 475 | 21 | 7 | 7 | 9 | 2 | 0 | 21 | 50 |
| | Khuzdar * | | | | | | | | | | | | | | | | | |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 2 | 27 | 02 | 58 | 01 | 4 | 174 | 60 | 1 | 1 | 7 | 3 | 0 | 54 | 54 | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | 000 | 0 | 2 | 36 | 02 | 97 | 02 | 0 | 157 | 62 | 0 | 0 | 9 | 1 | 1 | 54 | 58 | — 5 | + 1 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 165 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | — 7 | — 4 | 1.3 | — 1.7 | 0.1 | 108 |
| | Maijdee Court | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 161 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | — 7 | — 8 | 1.0 | — 1.0 | 0.7 | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 165 | 62 | 0 | 0 | 9 | 0 | 0 | 57 | 50 | — 5 | — 3 | 1.3 | — 0.6 | 0.2 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 9 | 147 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — | — | 2.1 | + 0.5 | 0.0 | 78 |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 158 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 41 | — | — 7 | 3.0 | + 1.9 | 1.5 | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 172 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — 6 | — 3 | 1.1 | — 0.0 | 0.9 | 91 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 171 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — 2 | — 4 | 2.5 | + 1.0 | 1.1 | 74 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 31 | 05 | 96 | 03 | 0 | 166 | 59 | 0 | 0 | 9 | 0 | 0 | 51 | 47 | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 161 | 66 | 0 | 0 | 9 | 0 | 0 | 58 | 50 | — 6 | — 3 | 2.3 | + 0.7 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 169 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 49 | — 6 | — 6 | 0.9 | — 1.2 | 0.1 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 177 | 69 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — 7 | — 3 | 1.3 | — 0.3 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 175 | 60 | 0 | 0 | 9 | 0 | 0 | 42 | 47 | — 11 | — 8 | 0.2 | — 2.1 | 0.0 | 48 |
| | Jessore | 000 | 0 | 0 | 36 | 09 | 97 | 02 | 0 | 177 | 60 | 0 | 0 | 9 | 0 | 0 | 47 | 47 | — | — | 2.4 | + 0.9 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 169 | 62 | 0 | 0 | 9 | 0 | 0 | 50 | 51 | — | — | 2.9 | — | 1.9 | 80 |
| | Sirajganj | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 169 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — 6 | — 1 | 1.9 | + 0.7 | 1.5 | 64 |
| | Rajshahi | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 172 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — 4 | — 1 | 4.1 | + 3.1 | 1.1 | — |
| | Bogra | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 168 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | // | — | — | 1.7 | + 0.5 | 0.5 | 80 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 178 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 49 | — 4 | — 1 | 1.6 | + 0.7 | 0.8 | 73 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 168 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | + 1 | + 1 | 2.3 | + 1.5 | 0.7 | 94 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 2 | 8 | 00 | 00 | 95 | 06 | 8 | 169 | 51 | 5 | 5 | 6 | 2 | / | 49 | 48 | — 7 | + 7 | 0.5 | — 1.0 | 0.3 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 167 | 49 | 4 | 5 | 6 | 2 | 1 | 43 | 47 | — | — | 1.7 | — | 1.6 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 013 | 7 | 8 | 00 | 00 | 97 | 50 | 5 | 170 | 47 | 8 | 5 | 6 | 8 | 0 | 43 | 45 | — 10 | + 6 | 3.9 | — 1.0 | 2.7 | 30 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 7 | | | | | 13 |
| | Sargodha | 000 | 0 | 7 | 36 | 05 | 96 | 04 | 2 | 162 | 51 | 4 | 3 | 6 | 3 | 0 | 48 | 49 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 95 | 50 | 1 | 166 | 54 | 5 | 4 | 7 | 0 | 0 | 47 | 49 | — 6 | + 8 | 0.2 | — 0.5 | 0.2 | 12 |
| Multan | Sahiwal | 000 | 0 | 0 | 36 | 03 | 97 | 54 | 5 | 165 | 49 | 4 | 5 | 0 | 2 | 1 | 45 | 49 | — 3 | + 6 | 0.1 | — 0.3 | 0.1 | 10 |
| | Multan | 000 | 0 | 8 | 36 | 02 | 99 | 02 | 2 | 162 | 47 | 8 | 8 | 7 | 8 | 0 | 47 | 41 | — | — | 0.0 | — | 0.0 | 7 |
| | Leiah | 000 | 0 | 2 | 06 | 02 | 96 | 02 | 0 | 146 | 49 | 2 | 0 | 8 | 3 | 0 | 45 | 47 | — | + 6 | 0.7 | — 0.3 | 0.4 | 8 |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Bahawalpur | | | | | | | | | | | | | | | | | | — 5 | | | | | 6 |
| | Fort Abbas | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 2 | 108 | 56 | 2 | 0 | 9 | 0 | 0 | 49 | 56 | — | — | 0.0 | — | 0.0 | 8 |
| Malakand | Chakdra | 088 | 3 | 8 | 09 | 03 | 96 | 61 | 6 | 184 | // | 8 | 7 | 6 | 1 | 1 | 38 | 38 | — | — | 2.0 | — | 1.9 | — |
| Peshawar | Peshawar | 057 | 9 | 8 | 00 | 00 | 97 | 60 | 6 | 193 | 45 | 8 | 5 | 6 | 2 | 1 | 48 | 44 | — 12 | + 3 | 1.5 | — 0.7 | 1.0 | 11 |
| | Haripur | 027 | 8 | 8 | 31 | 02 | 97 | 03 | 6 | 157 | 45 | 8 | 7 | 6 | 0 | 0 | 78 | 43 | — | — | 2.9 | — | 1.9 | — |
| D. I. Khan | Bannu | 005 | 3 | 8 | 27 | 07 | 98 | 41 | 6 | 182 | 43 | 8 | 2 | 6 | 0 | 0 | 43 | 43 | — | — | 0.6 | — | 0.1 | 11 |
| | D. I. Khan | 006 | 0 | 8 | 05 | 05 | 97 | 41 | 5 | 174 | 54 | 1 | 7 | 6 | 5 | 8 | 20 | 47 | — 9 | + 6 | 1.1 | + 0.3 | 1.1 | 9 |
| Quetta | Sibi | 000 | 0 | 8 | 27 | 04 | 97 | 02 | 0 | 187 | 50 | 0 | 0 | 9 | 0 | 0 | 48 | 45 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | /// | 35 | 0 | 0 | 9 | 0 | 0 | 27 | 32 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 00 | 00 | 78 | 02 | 0 | // | 53 | 0 | 0 | 9 | 0 | 0 | 31 | // | — | | — | — | — | — |
| | Jiwani | 000 | 0 | 0 | 05 | 03 | 96 | 03 | 0 | 205 | 49 | 0 | 0 | 9 | 0 | 0 | 37 | 47 | — | — | 0.7 | — | 7.9 | 5 |
| | Pasni | 000 | 0 | 0 | 05 | 19 | 97 | 02 | 0 | 194 | 51 | 0 | 0 | 0 | 0 | 0 | 37 | // | + 5 | — | 2.5 | — 0.3 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 8 | 02 | 03 | 96 | 02 | 0 | 188 | 54 | 0 | 0 | 9 | 0 | 0 | 41 | // | — | — | 3.3 | + 0.2 | 2.3 | 4 |
| | Lasbela | 000 | 0 | 0 | 36 | 04 | 98 | 00 | 0 | 189 | 54 | 0 | 0 | 9 | 0 | 0 | 35 | 50 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 000 | 0 | 8 | 31 | 03 | 96 | 02 | 0 | 166 | 55 | 0 | 0 | 9 | 0 | 0 | 38 | ... | — 4 | — | 0.3 | — 0.3 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 172 | 50 | 0 | 0 | 9 | 0 | 0 | 37 | 49 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 126 | 53 | 0 | 0 | 0 | 0 | 0 | 52 | 58 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 147 | 49 | 0 | 0 | 9 | 0 | 0 | 42 | 44 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 01 | 5 | 174 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | // | — 6 | — | 0.1 | — 0.1 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 36 | 06 | 97 | 00 | 1 | 168 | 53 | 0 | 0 | 9 | 0 | 0 | 37 | 49 | — 8 | — 2 | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 8 | 36 | 05 | 97 | 02 | 2 | 174 | 74 | 0 | 0 | 9 | 0 | 0 | 39 | 43 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 178 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 42 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 31 | 03 | 94 | 02 | 0 | 167 | 48 | 0 | 0 | 9 | 0 | 0 | 33 | 45 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 36 | 12 | 94 | 01 | 2 | 167 | 49 | 0 | 0 | 9 | 7 | 0 | 31 | 47 | — | + 1 | 0.1 | — 0.3 | 0.1 | 30 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 20 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 013 | 3 | 8 | 00 | 00 | 92 | 70 | 7 | 503 | 32 | 3 | 7 | 2 | 1 | 1 | 32 | 30 | — | — | 1.5 | — | 0.9 | 20 |
| Peshawar | Cherat * | 039 | 9 | 9 | 86 | 00 | 91 | 63 | 6 | 484 | 35 | / | / | / | / | / | 35 | 33 | — 1 | — 5 | 1.8 | — 2.3 | 1.3 | — |
| | Kakul * | 009 | 2 | 6 | 31 | 02 | 93 | 61 | 6 | 491 | 35 | 8 | 7 | 4 | 0 | 0 | 35 | 35 | — | — | 4.2 | — | 3.1 | — |
| | Landikotal * | 006 | 8 | 8 | 36 | 01 | 98 | 01 | 1 | 612 | 43 | 8 | 7 | 6 | 0 | 0 | 38 | 33 | — 18 | — | 0.9 | — | 0.1 | 30 |
| | Parachinar * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 531 | 33 | 6 | 0 | 9 | 0 | 0 | 33 | 30 | — | — | 0.0 | — 1. | 0.0 | 18 |
| D.I. Khan | Miranshah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 11 |
| | Wana * | 050 | 0 | 8 | 00 | 00 | 97 | 28 | 7 | 468 | 27 | 8 | 7 | 0 | 0 | 0 | 27 | 24 | — | — | 1.1 | — | 1.1 | 11 |
| Quetta | Fort Sandeman * | 000 | 0 | 2 | 23 | 02 | 97 | 01 | 7 | 487 | 38 | 0 | 0 | 9 | 2 | 0 | 22 | 22 | — 17 | — 6 | 0.4 | — 0.8 | 0.4 | — |
| | Hindubagh * | 030 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | /// | 12 | 0 | 0 | 9 | 0 | 0 | // | 05 | — | — | 1.1 | — | 0.0 | 6 |
| | Loralai * | 004 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 375 | 28 | 0 | 0 | 9 | 8 | 0 | // | 24 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | — | | | | | 16 |
| | Harnai * | 000 | 0 | 0 | 31 | 02 | // | 02 | 0 | 461 | 35 | 0 | 0 | 9 | 0 | 0 | 38 | 27 | — | — | 0.5 | — 1.3 | 0.5 | 9 |
| | Samungli (Quetta) * | 000 | 9 | 1 | 00 | 00 | 96 | 02 | 7 | 506 | 06 | 1 | 0 | 9 | 3 | 0 | 01 | 08 | — | — | 1.9 | — 1.3 | 1.2 | 9 |
| | Chaman * | | | | | | | | | | | | | | | | | | — | | | | | — |
| | Nushki * | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 553 | // | 0 | 0 | 9 | 0 | 0 | 22 | 30 | — | — | — | — | | 4 |
| | Dalbandin * | 007 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 509 | 38 | 0 | 0 | 9 | 0 | 0 | 29 | 31 | — 14 | — 8 | 2.3 | + 1.1 | 2.2 | 9 |
| Kalat | Kalat * | 000 | 0 | 0 | 08 | 02 | 58 | 00 | 0 | 536 | // | 0 | 0 | 9 | 0 | 0 | // | // | 0 | — | 0.0 | — 1.6 | 0.0 | — |
| | Khuzdar * | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
When ever 990 is given 888 see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 30th JANUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_at_a$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{ws}T$ | $3P_wP_wH_wH_w$ d | $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Koranir | 99 2 39 | 10 5 87 | 29 0 63 | 72 7 25 | 98 8 01 | 15 9 19 | ... | | 73 3 80 | | 0 / / 12 | 12 3 29 | 30 5 07 | 08 / 08 |
| Kablia | 99 1 85 | 10 6 53 | 29 0 63 | 02 4 05 | 98 8 21 | 14 4 29 | 00 9 00 | | ... | | 0 / / 16 | 12 4 01 | 30 2 01 | 06 6 01 |
| Kablia | 99 2 29 | 10 5 99 | 29 1 23 | 23 4 28 | 98 0 21 | 14 1 22 | 22 3 00 | | ... | | 0 / / 15 | 12 3 90 | 30 8 07 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPo ToToTo DoDo | 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 | 012 118 35 | ... | 480 190 56 | 171 110 56 | 580 065 50 | 761 125 61 | /// /// // | 251 520 // | — | ... | ... | ... | ... |
| Dacca | 00 00 | 014 150 50 | ... | 480 118 62 | 103 084 61 | 580 077 62 | 751 155 62 | 961 233 60 | 236 529 // | 417 461 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 012 094 57 | ... | 400 020 38 | 900 061 // | 547 193 // | 709 315 // | 906 451 // | 178 565 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | MISDA | ... | ... | | ... | | | | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 975 072 11 | ... | 400 034 00 | 049 035 // | 564 176 // | 725 205 // | 928 371 // | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | ... | ... | | ... | | | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 993 080 51 | ... | 370 038 56 | 909 061 57 | 556 051 // | 714 325 // | 914 431 // | 183 501 // | 369 551 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | | | | | | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 110 59 | 800 104 62 | 600 080 60 | 350 229 62 | 250 884 15 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | — | ... | — | ... | — | ... | — | — | ... | ... | ... | ... |
| Multan | 00 00 | MISDA | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 340 02 | 345 07 | 335 09 | 315 11 | 315 15 | 300 19 | ... | — | ... |
| Bogra | 345 05 | 365 06 | 340 06 | 325 12 | 305 31 | 300 21 | — | ... | — |
| Chaklala | No | Ascent | | | | | — | ... | ... |
| Chhor | 320 10 | 295 07 | 240 06 | 230 14 | 200 24 | — | ... | ... | ... |
| Chittagong | 335 10 | 305 08 | 230 10 | 275 25 | 295 29 | — | ... | ... | ... |
| Cherat | ... | | | | | | ... | ... | ... |
| Cox's Bazar | 340 15 | 345 15 | 350 15 | 360 12 | 360 12 | 345 18 | ... | ... | ... |
| Dacca | 350 12 | 305 45 | 300 45 | 010 15 | | | ... | ... | ... |
| Dalbandin | ... | | 345 05 | 345 05 | 310 06 | 315 09 | ... | ... | ... |
| D. I. Khan | 240 03 | 120 02 | 125 05 | 130 12 | 145 10 | ... | ... | ... | ... |
| Drosh | No | Ascent | ... | | | | ... | ... | ... |
| Fort Sandeman | | ... | ... | 235 08 | 185 17 | 170 31 | ... | ... | ... |
| Gilgit | No | Ascent | | | | | ... | ... | ... |
| Ishurdi | 015 05 | 015 04 | 015 03 | 070 02 | 035 09 | 035 14 | ... | ... | ... |
| Jacobabad | 045 13 | 040 13 | 051 3 | 095 06 | 175 03 | — | ... | ... | ... |
| Jessore | 350 10 | 350 10 | 350 09 | 330 23 | 330 27 | 210 37 | ... | ... | ... |
| Jhelum | 360 11 | 345 15 | 345 12 | 085 07 | ... | | ... | ... | ... |
| Jiwani | 355 12 | 353 13 | 252 25 | 345 14 | 270 43 | 280 37 | 280 10 | 270 67 | 270 04 |
| Karachi | 145 06 | 130 04 | 125 03 | 111 14 | 100 03 | ... | ... | ... | ... |
| Khanpur | 360 12 | 005 23 | 020 17 | 045 02 | 010 19 | 170 20 | ... | ... | ... |
| Khuzdar | | | ... | 280 10 | ... | | ... | ... | ... |
| Lahore | 310 04 | 305 04 | 305 05 | 325 07 | 280 02 | 265 09 | ... | ... | ... |
| Multan | 010 07 | 035 03 | 085 05 | 160 07 | 175 11 | 175 20 | ... | ... | ... |
| Nawab Shah | 165 02 | 025 08 | 120 04 | 200 10 | 250 19 | ... | ... | ... | ... |
| Nokkundi | ... | — | 345 13 | 010 21 | 245 14 | 280 10 | ... | ... | ... |
| Panjgur | — | ... | — | 355 21 | 010 29 | ... | ... | ... | ... |
| Peshawar | No | Ascent | — | ... | ... | ... | ... | ... | ... |
| Parachinar | No | Ascent | — | ... | ... | ... | ... | ... | ... |
| Quetta | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 355 13 | 075 09 | 110 05 | 170 09 | 170 12 | — | ... | ... | ... |
| Skardu | No | Ascent | | ... | ... | ... | ... | ... | — |
| Sylhet | 310 11 | 365 01 | 115 03 | 065 19 | 065 17 | 335 08 | — | — | — |
| Veraval | ... | — | ... | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 360 15 | 360 15 | 360 14 | 320 13 | 325 23 | 305 39 |
| Bogra | 010 11 | 015 04 | 045 03 | 310 13 | 205 03 | 280 23 |
| Chaklala | ... | 055 12 | 090 09 | 160 11 | | |
| Chhor | 355 23 | 360 36 | 355 38 | 340 34 | 290 22 | 280 11 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | | | | | | |
| Cox's Bazar | 355 14 | 355 16 | 355 14 | 345 07 | 340 06 | 335 10 |
| Dacca | 340 17 | 340 12 | 340 08 | | | |
| Dalbandin | ... | ... | 065 01 | 330 09 | 248 09 | 325 23 |
| D. I. Khan | 300 09 | 280 10 | 260 08 | ... | ... | ... |
| Drosh | No | Ascent | ... | — | ... | ... |
| Fort Sandeman | No | Ascent | ... | ... | ... | ... |
| Gilgit | No | Ascent | | | | |
| Ishurdi | 340 15 | 355 06 | 025 07 | 325 12 | 305 23 | 285 24 |
| Jacobabad | 330 20 | 320 25 | 305 21 | 015 06 | 030 09 | 220 10 |
| Jessore | 350 11 | 355 11 | 360 11 | 335 11 | 355 17 | 305 18 |
| Jhelum | 315 09 | 255 02 | 160 06 | 155 03 | 125 11 | — |
| Jiwani | 040 16 | 030 21 | 010 21 | — | ... | — |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 010 08 | 020 13 | 031 09 | 320 12 | 260 09 | 300 15 |
| Khuzdar | | | | 330 16 | 330 39 | ... |
| Lahore | 150 13 | 135 06 | 130 10 | 130 10 | 160 07 | ... |
| Multan | 330 12 | 010 19 | 360 13 | ... | | ... |
| Nawab Shah | 359 5 | 330 12 | 340 22 | 310 15 | 295 14 | 300 19 |
| Nokkundi | ... | — | 330 15 | 320 17 | 255 51 | 320 19 |
| Panjgur | ... | | | 355 15 | 330 17 | 320 19 |
| Peshawar | ... | 195 03 | 035 01 | 045 03 | 125 06 | 145 10 |
| Parachinar | No | Ascent | ... | ... | ... | ... |
| Quetta | ... | | ... | ... | ... | ... |
| Sargodha | 360 09 | 130 06 | 165 08 | 185 15 | ... | ... |
| Skardu | ... | | ... | | ... | ... |
| Sylhet | 065 07 | 065 09 | 065 08 | 100 11 | 005 03 | 285 32 |
| Veraval | ... | — | ... | — | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | ... | | | | ... | ... | ... | ... | ... | ... | ... |
| Bogra | | 110 06 | 120 22 | 175 13 | | | | ... | — | ... | ... |
| Chaklala | 345 15 | 345 20 | 220 14 | 205 16 | 285 27 | 285 30 | 280 52 | ... | ... | ... | ... |
| Chhor | ... | — | ... | 305 05 | ... | ... | ... | ... | ... | ... | ... |
| Chittagong | ... | | | | | | — | ... | ... | ... | ... |
| Cherat | 010 09 | 350 10 | 356 03 | 360 09 | 100 01 | 070 03 | | ... | ... | ... | ... |
| Cox's Bazar | 305 08 | 320 08 | 355 08 | 355 12 | 315 09 | 280 26 | 275 39 | 290 53 | 280 52 | 280 52 | 270 78 |
| Dacca | | | 350 02 | 345 01 | 360 15 | 340 42 | 310 32 | 305 40 | 300 53 | 285 55 | 275 65 |
| Dalbandin | 360 04 | 010 07 | 020 07 | 350 07 | 360 07 | 360 07 | 210 02 | 200 13 | ... | ... | ... |
| D. I. Khan | ... | ... | ... | | | | | | | | |
| Drosh | ... | — | ... | 300 07 | 315 15 | 315 12 | 340 23 | 311 13 | 300 07 | 290 15 | 305 23 |
| Fort Sandeman | No | Ascent | | | | | ... | ... | ... | ... | ... |
| Gilgit | 330 06 | 335 07 | 335 07 | 320 09 | 315 19 | 280 24 | 275 44 | — | — | ... | ... |
| Ishurdi | 340 03 | 320 14 | 310 12 | 270 06 | 260 05 | ... | ... | ... | ... | ... | ... |
| Jacobabad | | | — | ... | ... | ... | — | ... | ... | ... | ... |
| Jessore | No | Ascent | | | | | | | | | |
| Jhelum | 040 15 | 020 18 | 015 19 | 350 14 | 335 14 | 325 27 | 330 08 | 280 49 | 275 23 | ... | ... |
| Jiwani | 015 08 | 015 11 | 360 10 | 330 07 | 345 12 | 300 27 | 300 39 | 300 46 | 290 43 | ... | ... |
| Karachi | | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Khuzdar | No | Ascent | ... | | ... | ... | ... | ... | ... | ... | ... |
| Lahore | | | | | | | ... | ... | ... | ... | ... |
| Multan | 356 06 | 025 12 | 025 19 | 345 18 | 310 13 | 295 15 | ... | ... | ... | — | ... |
| Nawab Shah | 005 09 | 350 15 | 335 14 | 300 14 | 300 21 | 300 36 | 295 70 | | ... | ... | ... |
| Nokkundi | ... | ... | 355 09 | 340 14 | 345 20 | 340 22 | 295 31 | 295 39 | 275 40 | ... | ... |
| Panjgur | ... | | | 015 20 | 355 29 | 330 38 | ... | ... | ... | ... | ... |
| Peshawar | | 268 02 | 010 03 | 025 06 | 050 08 | | ... | — | ... | ... | ... |
| Parachinar | No | Ascent | — | | | — | ... | ... | ... | ... | ... |
| Quetta | | | | 295 12 | 305 07 | 280 33 | 290 32 | ... | ... | ... | ... |
| Sargodha | 035 01 | 070 05 | 110 06 | 105 07 | 075 09 | | ... | ... | ... | ... | ... |
| Skardu | No | Ascent | | | | | ... | ... | — | ... | ... |
| Sylhet | 058 03 | 080 07 | 075 09 | 075 07 | 275 01 | 295 21 | — | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | — | — | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 40.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 030 27 | 010 15 | 295 27 | 275 14 | 260 15 | 280 24 | 285 36 | 280 51 | 280 79 | 280 72 | 271 03 | ... | ... | — | ... | ... | ... | ... |
| 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.

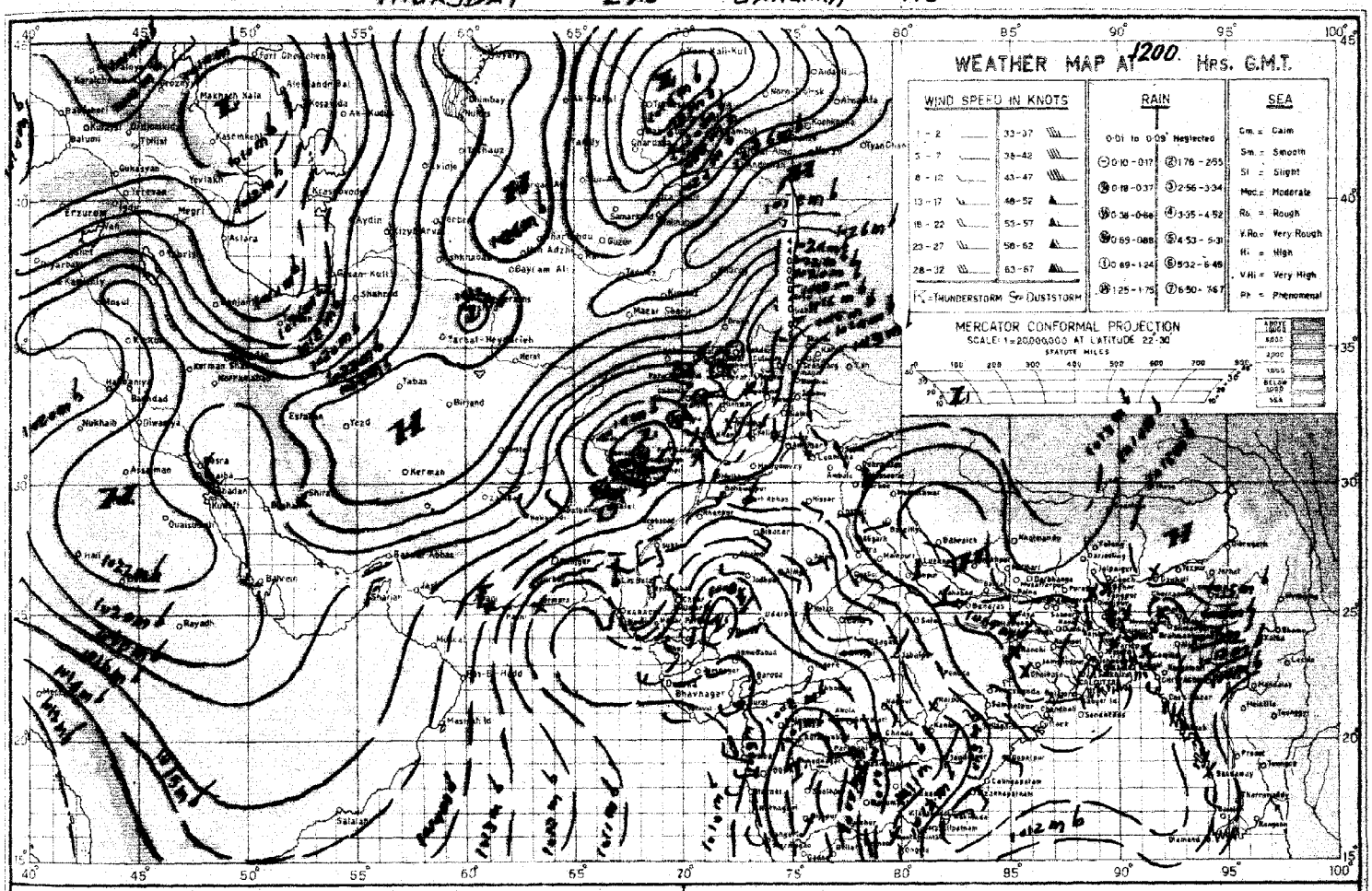
† The actual time of observations may vary within half an hour of the specified time.

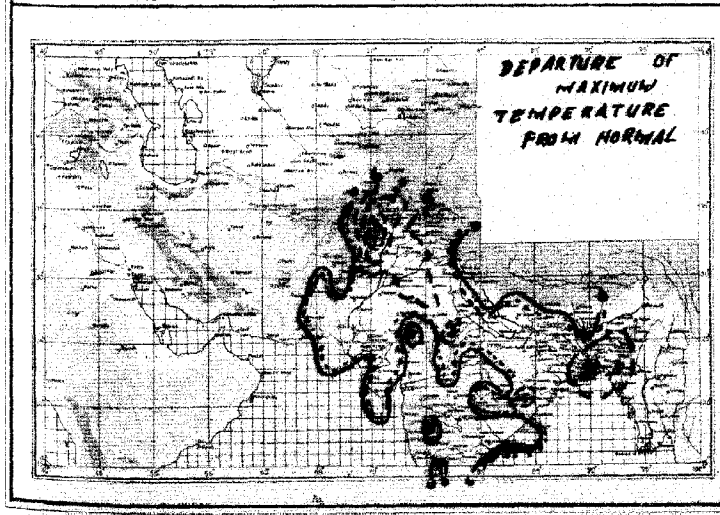
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

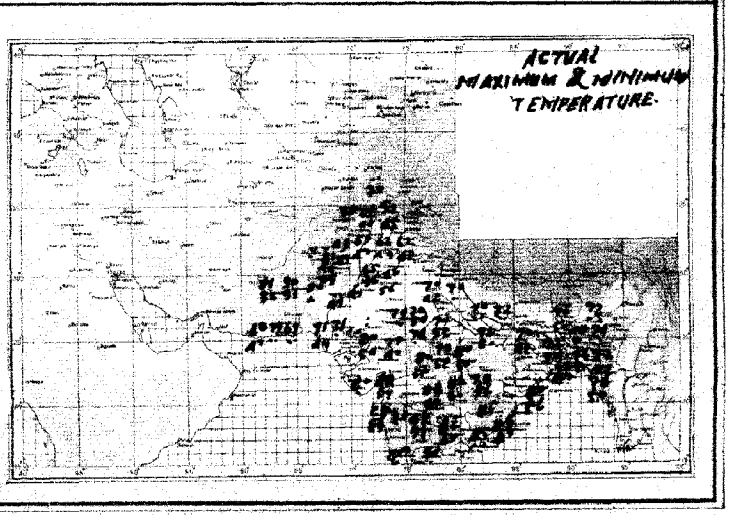
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre / Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

THURSDAY 29th JANUARY, 1970

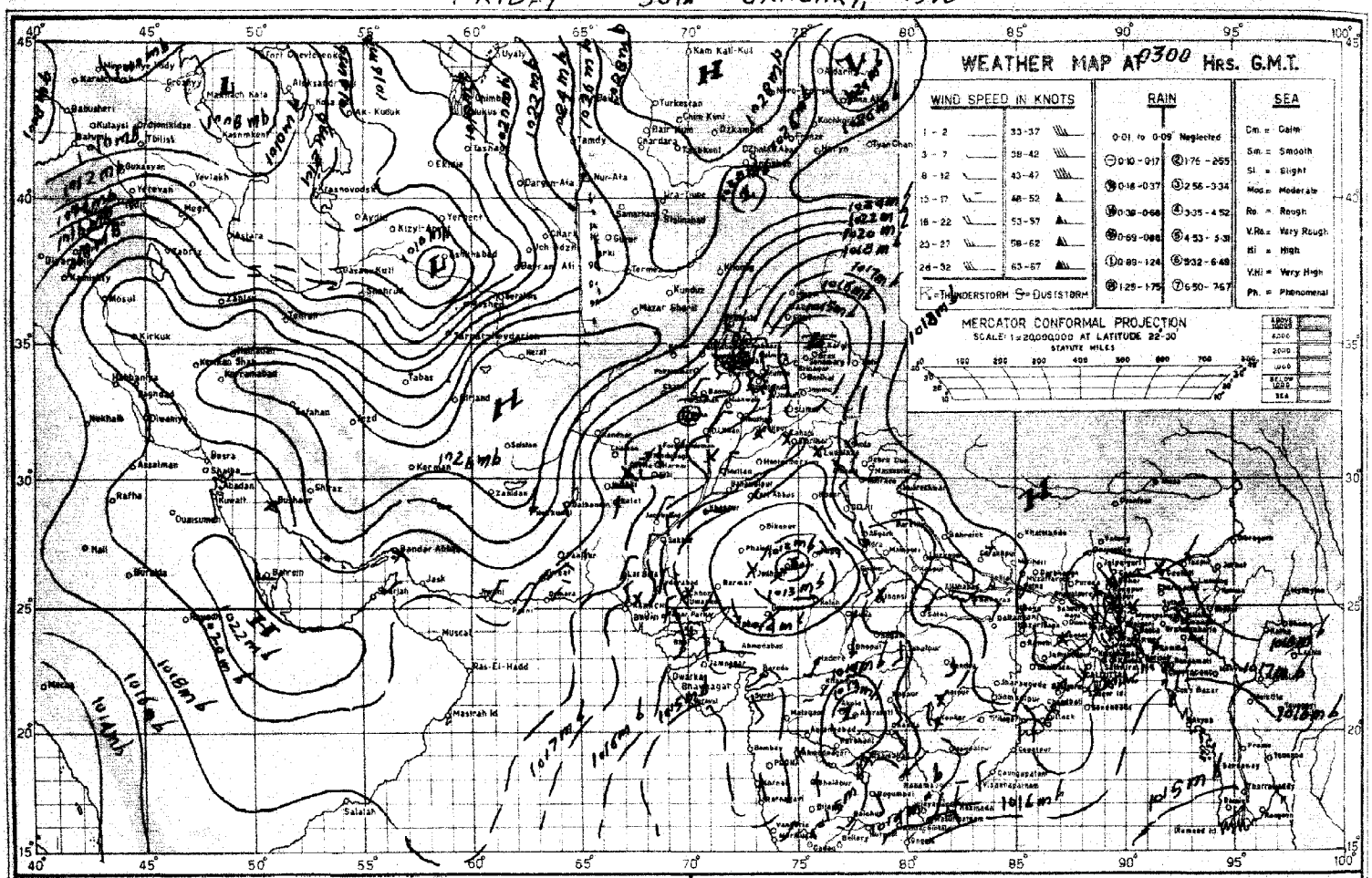


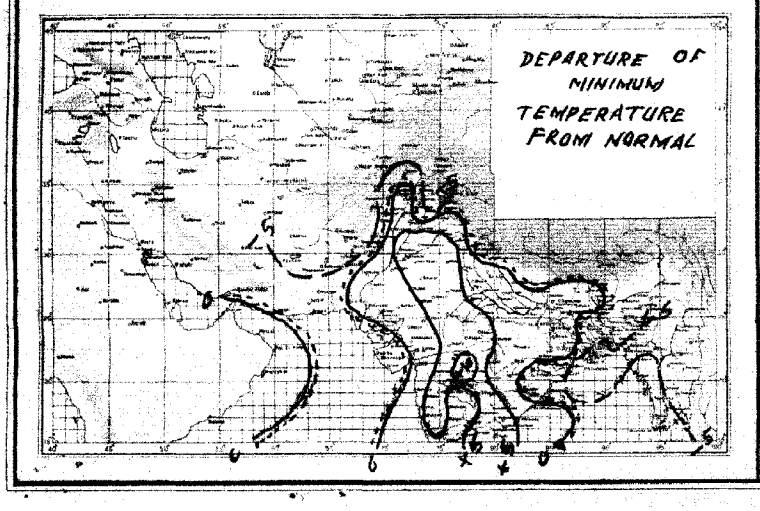



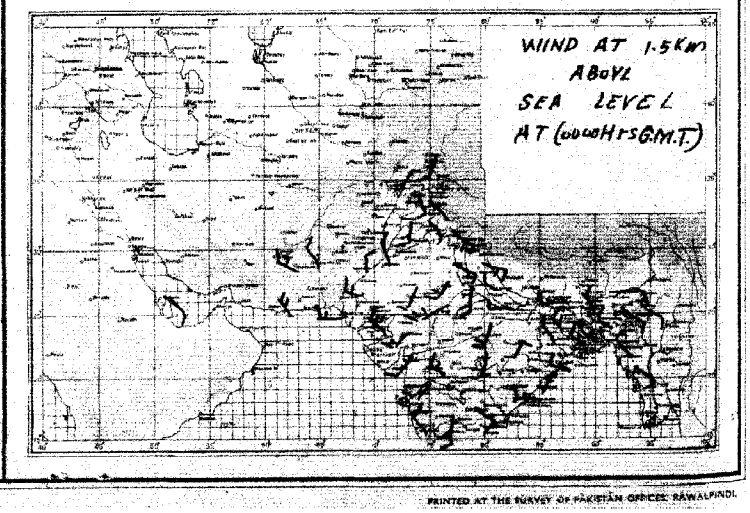



# PAKISTAN DAILY WEATHER MAP

FRIDAY 30th JANUARY, 1970

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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 31st JANUARY 1970.**

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

Yesterday's western disturbance over northeastern divisions of West Pakistan has moved away eastwards. Dry continental air prevails over west Pakistan.

Rain/showers have been scattered in Lahore, Sargodha, Peshawar divisions. A few falls of light rain/drizzle occurred in Rawalpindi, Multan and D. I. Khan, Malakand divisions. Lahore and Lyallpur recorded ¼" each.

A westerly low pressure wave is moving across north Bihar and adjoining areas. Weather remained dry in East Pakistan.

Night temperatures were 6—9 °F (3—5 °C) below normal in Peshawar, Quetta and Hyderabad divisions and 3—5 °F (2—3 °C) so in Chittagong, Khulna, Rawalpindi, Multan, Karachi and Khairpur divisions.

**Forecast valid until the evening of 1st February 1970 :**—Rain/drizzle will be scattered in Rajshahi and Chittagong divisions. Weather will remain dry elsewhere in the country.

Karachi-11
The 31st January, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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 † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 31 | 03 | // | 00 | 0 | 137 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 72 |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 07 | // | 01 | 0 | 130 | 69 | 0 | 0 | 9 | 0 | 0 | 57 | 73 |
| | Chittagong | 000 | 0 | 0 | 31 | 02 | // | 02 | 0 | 127 | 65 | 0 | 0 | 9 | 0 | 0 | 41 | // |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 121 | 66 | 0 | 0 | 9 | 0 | 0 | 51 | 76 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 133 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 134 | 65 | 0 | 0 | 9 | 0 | 0 | 62 | 72 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 127 | 70 | 0 | 0 | 9 | 0 | 0 | 60 | 80 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 126 | 70 | 0 | 0 | 9 | 0 | 0 | 53 | 76 |
| | Faridpur | 000 | 0 | 0 | 14 | 02 | 96 | 02 | 0 | 152 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 76 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 130 | 64 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 156 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 72 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 135 | 74 | 0 | 0 | 0 | 0 | 0 | 49 | 77 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 127 | 70 | 0 | 0 | 9 | 0 | 0 | 53 | 76 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 127 | 65 | 0 | 0 | 9 | 0 | 0 | 48 | 76 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 140 | 66 | 0 | 0 | 9 | 0 | 0 | 62 | 76 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 132 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 76 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 125 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 76 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 125 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 76 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 110 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 025 | 6 | 6 | 36 | 02 | 95 | 01 | 6 | 179 | 50 | 3 | 5 | 6 | 2 | 0 | 40 | // |
| | Sialkot | 015 | 0 | 0 | 20 | 10 | 95 | 00 | 0 | 125 | 55 | 0 | 0 | 9 | 0 | 0 | 49 | // |
| Rawalpindi | Jhelum | 002 | 4 | 6 | 00 | 00 | 98 | 01 | 6 | 172 | 51 | 3 | 5 | 6 | 3 | 0 | 42 | 52 |
| | Islamabad | 000 | 0 | 4 | 28 | 07 | 96 | 02 | 6 | /// | 50 | 2 | 4 | 6 | 3 | 0 | 42 | 50 |
| | Rawalpindi | 002 | 7 | 3 | 27 | 02 | 98 | 02 | 5 | 167 | 50 | 0 | 0 | 9 | 6 | 0 | 42 | 62 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 160 | 62 | 5 | 6 | 8 | 2 | 0 | 40 | 70 |
| | Sargodha | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 168 | 58 | 2 | 5 | 6 | 7 | 0 | 44 | 60 |
| | Lyallpur | 010 | 4 | 5 | 36 | 02 | 95 | 02 | 5 | 177 | 52 | 5 | 4 | 7 | 0 | 0 | 44 | 55 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 003 | 0 | 2 | 36 | 04 | 97 | 02 | 5 | 167 | 49 | 2 | 1 | 6 | 0 | 0 | 42 | 60 |
| | Leiah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 2 | 190 | 42 | 0 | 8 | 7 | 0 | 0 | // | // |
| Bahawalpur | Khanpur | 000 | 0 | 4 | 36 | 10 | 96 | 03 | 0 | 174 | 60 | 3 | 5 | 5 | 2 | 0 | 35 | 65 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 158 | 50 | 0 | 0 | 9 | 0 | 0 | 44 | 70 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 04 | 98 | 00 | 0 | 156 | 60 | 0 | 0 | 9 | 0 | 0 | 59 | 65 |
| Malakand | Chakdra | 013 | 0 | 2 | 23 | 02 | 98 | 01 | 1 | 155 | 58 | 2 | 1 | 6 | 0 | 0 | 39 | 51 |
| Peshawar | Peshawar | 007 | 0 | 1 | 31 | 03 | 98 | 01 | 1 | 171 | 55 | 1 | 1 | 6 | 0 | 0 | 41 | 55 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 173 | 49 | 0 | 0 | 9 | 0 | 0 | 42 | 49 |
| D. I. Khan | Bannu | 005 | 4 | 1 | 31 | 02 | 99 | 01 | 6 | 177 | 55 | 1 | 2 | 7 | 0 | 0 | 39 | 55 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 185 | 55 | 0 | 0 | 9 | 0 | 0 | 51 | 59 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 168 | 65 | 0 | 0 | 9 | 0 | 0 | 52 | 66 |
| | Nokkundi | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 214 | 44 | 0 | 0 | 9 | 0 | 0 | 06 | 55 |
| Kalat | Turbat | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 216 | 44 | 0 | 0 | 9 | 0 | 0 | 28 | 64 |
| | Jiwani | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 195 | 63 | 0 | 0 | 9 | 0 | 0 | 30 | 63 |
| | Pasni | 000 | 0 | 0 | 05 | 06 | 97 | 02 | 0 | 176 | 65 | 0 | 0 | 0 | 0 | 0 | 62 | 79 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 180 | 66 | 0 | 0 | 9 | 0 | 0 | 44 | 67 |
| | Lasbela | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 162 | 72 | 0 | 0 | 8 | 0 | 0 | 10 | 72 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 164 | 69 | 0 | 0 | 9 | 0 | 0 | 50 | 73 |
| | Karachi (Airport) | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 167 | 70 | 0 | 0 | 9 | 0 | 0 | 26 | 73 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 121 | 81 | 0 | 0 | 0 | 0 | 0 | 30 | 80 |
| | Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 161 | 71 | 0 | 0 | 9 | 0 | 0 | 21 | 72 |
| | Hyderabad | 000 | 0 | 0 | 36 | 07 | 99 | 02 | 0 | 176 | 67 | 0 | 0 | 9 | 0 | 0 | 34 | 69 |
| | Badin | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 156 | 71 | 0 | 0 | 9 | 0 | 0 | 37 | 73 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 0 | 144 | 66 | 0 | 0 | 9 | 0 | 0 | 18 | 67 |
| | Nawabshah | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 179 | 61 | 0 | 0 | 9 | 0 | 0 | 47 | 69 |
| | Sukkur | 000 | 0 | 0 | 33 | 03 | 96 | 02 | 0 | 150 | 65 | 0 | 0 | 9 | 0 | 0 | 40 | 66 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 37 | 05 | 97 | 02 | 0 | 176 | 65 | 0 | 6 | 9 | 0 | 0 | 36 | 66 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * ... | ... | ... | ... | ... | — | ... | — | ... | ... | — | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * ... | 010 | 9 | 0 | 34 | 10 | 97 | 02 | 7 | 500 | 36 | 0 | 0 | 9 | 0 | 0 | 35 | 36 |
| | Kakul * ... | 004 | 4 | / | // | // | 98 | 01 | 5 | 487 | 42 | 3 | 5 | 6 | 3 | 0 | 35 | 44 |
| | Landikotal * ... | 000 | 0 | 4 | 30 | 15 | 98 | 03 | 4 | 526 | 50 | 3 | 7 | 6 | 0 | 0 | 36 | 50 |
| | Parachinar * ... | 015 | 6 | 3 | 00 | 00 | 98 | 02 | 7 | 495 | 39 | 3 | 5 | 6 | 0 | 0 | 32 | 42 |
| D. I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 513 | 41 | 0 | 0 | 9 | 0 | 0 | 39 | 41 |
| | Wana * ... | 050 | 0 | 0 | 13 | 03 | 99 | 00 | 6 | 465 | 39 | 0 | 0 | 9 | 0 | 0 | 30 | 39 |
| Quetta | Fort Sandeman * ... | 000 | 0 | 0 | 21 | 05 | 98 | 02 | 0 | 440 | 43 | 0 | 0 | 9 | 0 | 0 | 17 | 42 |
| | Hindubagh * ... | 000 | 0 | 0 | 20 | 25 | 97 | 03 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 27 | 35 |
| | Loralai * ... | 000 | 0 | 0 | 10 | 07 | 98 | 00 | 0 | 517 | 36 | 0 | 0 | 9 | 0 | 0 | 32 | 38 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 474 | 52 | 0 | 0 | 9 | 0 | 0 | 27 | 35 |
| | Samungli (Quetta) * ... | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 816 | 35 | 0 | 2 | 6 | 3 | 0 | 21 | 37 |
| | Chaman * ... | | | | | | | | | | | | | | | | | |
| | Nushki * ... | 000 | 0 | 0 | 07 | 05 | 97 | 02 | 0 | 544 | 40 | 0 | 0 | 9 | 0 | 0 | 30 | 41 |
| | Dalbandin * ... | 000 | 0 | 0 | 05 | 83 | 98 | 02 | 0 | 528 | 44 | 0 | 0 | 9 | 0 | 0 | 32 | 45 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 503 | 37 | 0 | 0 | 9 | 0 | 0 | 22 | 56 |
| | Khuzdar * ... | | | | | | | | | | | | | | | | | |
| | Panjgur * ... | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 813 | 38 | 0 | 0 | 9 | 0 | 0 | 24 | 49 |

At 0000 Hrs. G.M.T. of date (columns 20–36); Departure from Normal of (columns 37–38); Rainfall (columns 39–42)

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wz (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 6 | 1 | 18 | 02 | 98 | 01 | 4 | 153 | 64 | 1 | 1 | 7 | 0 | 0 | 58 | 58 | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | 000 | 0 | 0 | 05 | 06 | 95 | 02 | 4 | 139 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | — 8 | — 1 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 142 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 53 | / | — 2 | 1.4 | — 1.8 | 0.1 | 108 |
| | Maijdee Court | 000 | 9 | 0 | 00 | 00 | 98 | 00 | 0 | 133 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | | — 5 | 1.0 | — 1.0 | 0.7 | 115 |
| | Comilla | 003 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 148 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | | + 1 | 1.3 | — 0.6 | 0.2 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 142 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | | — | 2.1 | + 0.5 | 0.8 | 78 |
| | Sylhet | 000 | 0 | 0 | 09 | 05 | 96 | 05 | 4 | 132 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — | — | 3.4 | — | 2.1 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 153 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 45 | — 5 | — 2 | 3.0 | + 1.0 | 1.5 | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 145 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | — 4 | 0 | 1.2 | — 0.1 | 0.9 | 91 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 141 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | + 1 | + 1 | 2.5 | + 1.0 | 1.1 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 141 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 62 | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | 000 | 0 | 0 | 09 | 00 | 97 | 00 | 0 | 140 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | 0 | — 2 | 2.3 | + 0.7 | 0.7 | 71 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 177 | 49 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — 6 | — 2 | 1.4 | — 0.4 | 0.0 | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 147 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 51 | — 4 | — 3 | 0.2 | — 3.1 | 0.0 | 45 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 4 | 138 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 50 | — | — | 2.4 | + 1.0 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 136 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — | 2.9 | — | 1.9 | 39 |
| | Sirajganj | 000 | 0 | 2 | 00 | 00 | 98 | 03 | 0 | 137 | 65 | 2 | 0 | 7 | 4 | 0 | 56 | 34 | 0 | + 2 | 1.9 | + 0.7 | 1.5 | 64 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | — |
| | Bogra | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 133 | 62 | 3 | 0 | 9 | 3 | 0 | 54 | 54 | 0 | + 2 | 1.7 | + 0.5 | 0.5 | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 72 |
| | Rangpur | 000 | 0 | 1 | 13 | 02 | 96 | 01 | 1 | 169 | 59 | 1 | 0 | 9 | 1 | 0 | 56 | 52 | + 1 | + 2 | 2.3 | + 1.5 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 025 | 0 | 3 | 31 | 02 | 95 | 05 | 1 | 187 | 43 | 3 | 0 | 9 | 2 | 0 | 41 | 43 | / | + 2 | 0.8 | — 1.6 | 0.8 | 19 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | — | / | | | | | 32 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Islamabad | 000 | 0 | 4 | 00 | 08 | 97 | 02 | 0 | /// | 41 | 3 | 5 | 7 | 2 | 0 | 34 | 38 | — | | — | — | — | — |
| | Rawalpindi | 003 | 0 | 1 | 00 | 00 | 97 | 00 | 0 | 205 | 35 | 0 | 0 | 9 | 0 | 3 | // | 35 | 0 | — 4 | 2.9 | — 1.1 | 2.7 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | // | 97 | 00 | 0 | 193 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | + 3 | — 1 | 0.4 | — 0.8 | 0.3 | 15 |
| | Sargodha | 000 | 3 | 1 | 00 | 00 | 92 | 04 | 4 | 197 | 38 | 0 | 0 | 9 | 0 | 1 | 38 | 35 | | — | 0.4 | | 0.3 | — |
| | Lyallpur | 019 | 0 | 4 | 00 | 00 | 95 | 02 | 5 | 193 | 40 | 0 | 0 | 9 | 4 | 0 | 38 | 40 | — 13 | — 1 | 0.4 | — 0.4 | 0.4 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 4 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 38 | — 6 | — 5 | 0.1 | — 0.6 | 0.1 | 7 |
| | Leiah | 000 | 0 | 0 | 36 | 01 | 91 | 02 | 2 | 191 | 43 | 0 | 0 | 7 | 0 | 0 | 41 | 43 | — | — | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 9 | | | | | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 9 | 216 | 49 | 0 | 0 | 9 | 0 | 0 | 45 | // | — 1 | / | 0.0 | — 0.4 | 0.0 | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 208 | 35 | 0 | 0 | 9 | 8 | 3 | 33 | 33 | — | — | 2.0 | — | 2.0 | — |
| Peshawar | Peshawar | 001 | 0 | 3 | 18 | 03 | 97 | 03 | 0 | 218 | 40 | 1 | 0 | 9 | 3 | 1 | 33 | 38 | — 8 | — 3 | 1.6 | — 0.8 | 1.0 | 11 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 97 | 00 | 0 | 202 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | — | — | 2.9 | | 1.9 | — |
| D. I. Khan | Bannu | 000 | 0 | 2 | 29 | 02 | 99 | 01 | 1 | 211 | 40 | 0 | 0 | 9 | 2 | 0 | 35 | 40 | — | — | 0.6 | — | 0.2 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 202 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 41 | — 8 | 0 | 1.1 | + 0.3 | 1.1 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 220 | 44 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 259 | 35 | 0 | 0 | 9 | 0 | 0 | 20 | 35 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 003 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 237 | 50 | 0 | 0 | 9 | 0 | 0 | 38 | 46 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 003 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 197 | 53 | 0 | 0 | 9 | 0 | 0 | 35 | // | — | — | 0.7 | | 7.9 | 9 |
| | Pasni | 003 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 193 | 47 | 0 | 0 | 9 | 0 | 0 | 43 | // | + 5 | / | 2.5 | — 0.4 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 199 | 53 | 0 | 0 | 9 | 0 | 0 | 46 | // | — | — | 2.3 | + 0.1 | 2.3 | 6 |
| | Lasbela | 003 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 207 | 37 | 0 | 0 | 8 | 0 | 0 | 21 | 33 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 195 | 54 | 0 | 0 | 9 | 0 | 0 | 32 | 54 | — 2 | — 4 | 0.3 | — 0.4 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 199 | 45 | 0 | 0 | 9 | 0 | 0 | 17 | 44 | — | — | 0.3 | | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 126 | 53 | 0 | 0 | 0 | 0 | 0 | 52 | 53 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 197 | 48 | 0 | 0 | 9 | 0 | 0 | 33 | 39 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 210 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 47 | — 8 | — 4 | 0.2 | — 0.2 | 0.2 | 9 |
| | Badin | 000 | 0 | 0 | 36 | 01 | 97 | 02 | 0 | 202 | 44 | 0 | 0 | 9 | 0 | 0 | 31 | 42 | — 6 | — 9 | 0.1 | — 0.4 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 03 | 96 | 02 | 0 | 218 | 36 | 0 | 0 | 9 | 0 | 0 | 29 | 33 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 217 | 39 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 2 | 0 | 11 | 03 | 94 | 05 | 4 | 208 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 46 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 214 | 42 | 0 | 0 | 9 | 0 | 0 | 37 | 41 | — 6 | — 5 | 0.2 | — 0.3 | 0.1 | 10 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | 29 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Malakand | Drosh | 007 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 541 | 30 | 6 | 0 | 9 | 7 | 0 | 22 | 28 | | — 4 | 1.6 | — | 1.0 | 28 |
| Peshawar | Cherat | 010 | 9 | 0 | 13 | 11 | 98 | 02 | 0 | 508 | 35 | 0 | 0 | 9 | 0 | 0 | 32 | 33 | — 13 | — 5 | 1.9 | — 2.4 | 1.4 | — |
| | Kakul | 001 | 0 | 3 | 00 | 00 | 98 | 02 | 0 | 504 | // | 0 | 8 | 9 | 0 | 5 | 32 | 38 | — | — | 4.2 | — | 3.2 | — |
| | Landikotal | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 4 | 604 | 35 | 4 | 3 | 9 | 0 | 0 | 29 | 29 | — | — | 0.9 | — | 0.2 | 29 |
| | Parachinar | 007 | 9 | 0 | 03 | 00 | 98 | 02 | 0 | /// | 24 | 0 | 0 | 9 | 0 | 0 | 22 | 22 | — 8 | — 7 | — | | — | 13 |
| D. I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 539 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | — | — | 0.8 | — 1.7 | 0.0 | 11 |
| | Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | — | | | | | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 508 | 28 | 0 | 0 | 9 | 0 | 0 | 22 | 26 | — 17 | — 9 | 0.4 | — 1.0 | 0.4 | — |
| | Hindubagh | 000 | 0 | 0 | 23 | 09 | 97 | 02 | 0 | /// | 10 | 0 | 0 | 9 | 0 | 0 | 10 | 08 | — | — | 1.2 | — | 1.0 | 8 |
| | Loralai | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 495 | 38 | 0 | 0 | 9 | 0 | 0 | 21 | 35 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | 000 | 0 | 0 | 31 | 04 | 96 | 02 | 0 | 480 | 36 | 0 | 0 | 9 | 0 | 0 | // | 34 | — | — | 0.5 | — 1.3 | 0.5 | 9 |
| | Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 530 | 03 | 0 | 0 | 9 | 0 | 0 | 01 | 01 | — | — | 1.8 | — 1.4 | 1.2 | 9 |
| | Chaman | | | | | | | | | | | | | | | | | | — | | | | | — |
| | Nushki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 4 |
| | Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 514 | 29 | 0 | 0 | 9 | 0 | 0 | 28 | 29 | — 19 | — 11 | 2.3 | + 0.6 | 2.2 | 7 |
| Kalat | Kalat | 003 | 0 | 0 | 19 | 03 | 58 | 00 | 2 | 551 | 05 | 0 | 0 | 9 | 0 | 0 | 07 | 03 | + 6 | — 25 | 0.8 | — 1.6 | 0.8 | — |
| | Khuzdar | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Panjgur | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 494 | 32 | 0 | 0 | 9 | 0 | 0 | 26 | 31 | — 15 | — 11 | 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

SATURDAY THE 31st JANUARY, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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** | | | | | | | | | | | | | | |
| Vanessa | 99 2 35 | 10 6 05 | 30 0 03 | 30 0 13 | 98 0 11 | 17 0 19 | ... | ... | 74 4 00 | | 0 // 00 | 17 0 00 | 30 6 00 | |
| Zaria | 99 2 12 | 10 6 90 | 30 0 63 | 60 5 12 | 98 0 22 | 21 2 21 | 64 4 00 | ... | ... | | 0 // 13 | 12 3 05 | 30 2 02 | 03 5 04 |
| Dumra | 99 2 49 | 10 6 28 | 30 1 23 | 03 5 09 | 98 0 20 | 19 2 17 | 00 9 00 | 23 7 // | — | | ... | — | 30 2 01 | ... |
| **Bay of Bengal** | | | | | | | | | | | | | | |
| Romanija | 99 0 96 | 10 9 24 | 30 1 83 | 03 6 05 | 98 0 10 | 15 0 22 | 00 0 00 | 13 4 00 | ... | | 05 0 15 | 12 6 00 | 30 5 02 | 00 / 00 |

## UPPER AIR DATA

At surface and Standard Isobaric Levels (hhh $TTT_aDD$)

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o T_oT_oT_o D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 010 132 03 | ... | 440 104 53 | 073 020 43 | 572 103 58 | 741 187 58 | 950 337 88 | 221 943 // | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 011 120 31 | ... | 410 090 56 | 041 010 56 | 567 125 59 | 740 173 59 | 950 300 50 | 270 560 59 | 409 675 // | 644 839 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 016 104 61 | ... | 450 105 59 | 989 071 // | 554 221 // | 716 291 // | 918 411 // | | ... | ... | ... | ... | ... |
| Multan | 00 00 | 004 040 20 | ... | 410 026 // | 029 071 // | 559 201 // | 721 291 // | 911 395 // | 190 465 // | 374 563 // | 639 575 // | ... | ... | ... |
| Peshawar | 00 00 | 977 034 09 | ... | 450 036 06 | 944 049 // | 561 197 13 | 722 305 08 | 931 443 // | 191 643 // | ... | — | ... | ... | ... |
| Quetta | 00 00 | 821 107 11 | ... | /// /// // | 969 089 // | 565 167 // | 729 283 // | 932 373 // | | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 998 080 55 | ... | 509 034 08 | 952 051 50 | 561 211 // | 732 305 // | 922 421 // | 189 521 // | ... | — | ... | ... | ... |

At Significant Levels (PPP TT $T_a$ DD); Max. Wind Speed; TROPOPAUSE

| STATION | Time of ascent in G.M.T. | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 110 50 | 885 120 58 | 808 094 52 | 689 000 47 | 664 011 46 | 626 011 48 | ... | ... | ... | 272 260 78 | ... | ... |
| Dacca | 00 00 | 990 082 56 | 859 100 56 | 830 064 56 | 687 000 47 | 615 889 50 | 600 079 56 | 381 067 58 | 358 233 39 | ... | 162 265 70 | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | — | ... | — | — | — | ... | — | — | ... | ... | ... | ... |
| Multan | 00 00 | — | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 186 275 72 | ... | ... |
| Quetta | 00 00 | 600 149 // | 350 323 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 320 06 | 315 06 | 320 07 | 310 18 | 300 10 | 290 01 | 285 17 | — | — |
| Bogra | 005 06 | 335 04 | 295 04 | 310 06 | 295 20 | 280 38 | ... | ... | — |
| Chaklala | — | 275 09 | 290 02 | 315 06 | 340 15 | 350 23 | 008 33 | 100 21 | 100 15 |
| Chhor | 010 00 | 360 06 | 153 07 | 320 15 | 305 22 | 295 32 | 285 40 | 285 53 | 285 63 |
| Chittagong | 330 05 | 335 04 | 035 04 | 370 08 | 270 19 | 265 30 | ... | ... | ... |
| Cherat | ... | ... | ... | — | ... | ... | — | — | — |
| Cox's Bazar | — | — | — | — | ... | — | — | ... | ... |
| Dacca | 265 00 | 290 07 | 310 09 | 315 05 | 010 06 | 010 10 | 360 09 | ... | ... |
| Dalbandin | — | — | 090 05 | 060 10 | 090 09 | 345 16 | 285 37 | 275 34 | 280 39 |
| D. I. Khan | 020 04 | 350 06 | 050 07 | 350 10 | 340 09 | 325 10 | 330 10 | ... | ... |
| Drosh | — | ... | ... | ... | — | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 305 06 | 315 05 | 335 18 | 315 47 | 380 50 | 300 60 |
| Gilgit | ... | ... | ... | ... | — | — | ... | ... | ... |
| Ishurdi | 325 03 | 320 06 | 330 05 | 290 10 | 228 04 | 265 33 | ... | ... | ... |
| Jacobabad | 305 07 | 350 07 | 350 07 | 355 04 | 020 11 | 334 35 | 295 45 | 290 46 | 285 57 |
| Jessore | 010 05 | 360 06 | 355 04 | 325 11 | 300 22 | 295 37 | ... | ... | — |
| Jhelum | 320 01 | 330 04 | 335 07 | 340 10 | 325 17 | | — | — | — |
| Jiwani | 030 06 | 360 09 | 335 12 | 330 15 | 335 12 | 305 17 | 270 35 | 265 35 | 275 23 |
| Karachi | 270 08 | 337 03 | 345 03 | 330 12 | 320 12 | 300 19 | 285 39 | 305 39 | 285 41 |
| Khanpur | 010 21 | 080 18 | 010 12 | 030 13 | 085 08 | 010 14 | ... | ... | ... |
| Khuzdar | — | — | ... | ... | — | ... | — | ... | ... |
| Lahore | 010 05 | 010 06 | 005 05 | 005 05 | 360 07 | — | ... | ... | — |
| Multan | 355 16 | 360 20 | 360 21 | 355 16 | 330 23 | 360 20 | 325 31 | 360 31 | ... |
| Nawab Shah | 330 08 | 340 04 | 335 07 | 345 11 | 305 30 | 290 34 | 280 57 | 280 05 | 280 77 |
| Nokkundi | — | — | 160 04 | 170 02 | 300 06 | 280 19 | 370 38 | 270 41 | — |
| Panjgur | — | | | 030 10 | 010 12 | 310 12 | 290 26 | 285 35 | 365 31 |
| Peshawar | ... | 340 05 | 325 06 | 320 10 | 330 08 | 255 07 | 290 11 | 295 07 | 300 26 |
| Parachinar | 240 01 | 295 05 | 275 11 | 305 09 | ... | — | ... | ... | ... |
| Quetta | — | ... | — | ... | — | ... | ... | ... | ... |
| Sargodha | 065 01 | 365 02 | 035 04 | 030 10 | 005 12 | 320 21 | ... | ... | ... |
| Skardu | No | Ascent | ... | — | ... | ... | ... | — | ... |
| Sylhet | 300 05 | 300 01 | 140 01 | 070 06 | 320 04 | 280 23 | ... | — | ... |
| Varaval | ... | — | — | — | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 020 08 | 015 07 | 340 10 | 330 25 | 305 33 | 305 32 |
| Bogra | 325 04 | 320 04 | 030 02 | 315 22 | 310 33 | ... |
| Chaklala | ... | 010 06 | 020 05 | 065 04 | 125 05 | 015 04 |
| Chhor | 010 21 | 005 26 | 360 25 | 320 19 | 295 16 | 270 15 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | — | ... | ... | — | ... | ... |
| Cox's Bazar | 020 13 | 015 19 | 015 13 | 360 07 | 005 12 | 020 15 |
| Dacca | 340 06 | 335 08 | 320 07 | 305 12 | 315 29 | 280 28 |
| Dalbandin | ... | ... | 075 08 | 030 09 | 320 09 | 310 11 |
| D. I. Khan | 305 03 | 280 03 | 285 02 | ... | 300 03 | ... |
| Drosh | — | — | — | 275 01 | 270 01 | 220 04 |
| Fort Sandeman | No | Ascent | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | 150 01 | 160 01 | 225 02 |
| Ishurdi | 33506 | 335 06 | 330 08 | 320 13 | 300 15 | 315 33 |
| Jacobabad | 005 07 | 020 06 | 035 02 | 360 02 | 320 05 | 305 10 |
| Jessore | 005 07 | 360 06 | 330 18 | 325 21 | 300 32 | 290 25 |
| Jhelum | 330 18 | 340 17 | 345 13 | 060 02 | 095 09 | |
| Jiwani | 330 12 | 315 11 | 335 08 | 320 // | 315 14 | 290 27 |
| Karachi | | ... | ... | ... | ... | ... |
| Khanpur | 035 15 | 025 15 | 020 15 | 350 14 | 320 15 | 320 17 |
| Khuzdar | — | ... | ... | ... | ... | ... |
| Lahore | 310 07 | 390 08 | 315 09 | 310 09 | 325 10 | 285 07 |
| Multan | 035 05 | 020 04 | 360 04 | 360 03 | 360 13 | 340 18 |
| Nawab Shah | 025 30 | 025 10 | 040 06 | 360 12 | 295 18 | 290 28 |
| Nokkundi | ... | — | 085 13 | 270 25 | 260 04 | 125 09 |
| Panjgur | ... | ... | ... | 350 10 | 345 15 | 125 23 |
| Peshawar | ... | 309 07 | 325 00 | 315 11 | 315 10 | 355 05 |
| Parachinar | ... | ... | — | 305 // | 125 // | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 315 07 | 345 12 | 005 15 | ... | ... | — |
| Skardu | — | ... | ... | ... | ... | ... |
| Sylhet | 110 11 | 135 02 | 120 02 | 275 12 | 290 34 | 290 30 |
| Varaval | ... | ... | ... | — | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 330 04 | 330 07 | 330 10 | 340 21 | 310 30 | 290 30 | 270 49 | 265 42 | — | ... | ... |
| Bogra | 340 02 | 235 02 | 235 03 | 280 15 | 295 27 | 290 29 | 275 45 | ... | ... | ... | ... |
| Chaklala | ... | 280 05 | 155 03 | 095 05 | 110 10 | 165 06 | 280 15 | 275 23 | 260 25 | 280 52 | ... |
| Chhor | 040 06 | 035 17 | 040 11 | 040 16 | 330 16 | 300 19 | 235 20 | 255 16 | 245 15 | — | ... |
| Chittagong | 310 01 | 280 03 | 310 10 | 315 18 | 295 24 | 270 25 | 260 49 | 260 51 | 255 59 | ... | — |
| Cherat | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Cox's Bazar | 290 15 | 340 09 | 360 08 | 010 15 | 345 21 | 330 31 | ... | ... | ... | ... | ... |
| Dacca | 250 01 | 235 02 | 230 02 | 320 13 | 310 31 | 290 29 | 285 49 | 275 51 | 275 53 | ... | ... |
| Dalbandin | ... | ... | 075 07 | 045 08 | 025 05 | 325 09 | 280 26 | 290 34 | 290 39 | 295 62 | 285 78 |
| D. I. Khan | 310 13 | 320 14 | 320 12 | 310 06 | 015 03 | 020 06 | 320 12 | 315 18 | 300 18 | 285 31 | 280 44 |
| Drosh | ... | — | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | — | ... | 270 08 | 090 04 | 240 06 | 255 21 | 270 25 | 275 45 | 280 66 | 298 91 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Ishurdi | 220 04 | 225 07 | 290 08 | 290 12 | 300 15 | 305 21 | ... | ... | ... | ... | ... |
| Jacobabad | 160 03 | 175 02 | 175 01 | 330 09 | 335 12 | 315 16 | 285 43 | 280 71 | 275 89 | ... | ... |
| Jessore | 150 03 | 300 05 | 300 09 | 335 23 | 035 28 | 295 33 | 295 42 | ... | ... | ... | ... |
| Jhelum | 305 06 | 340 12 | 350 09 | 065 06 | 115 18 | 185 12 | 275 18 | 265 23 | 265 25 | ... | ... |
| Jiwani | 045 07 | 335 04 | 275 03 | 025 07 | 325 14 | 310 19 | 290 42 | 285 55 | ... | ... | ... |
| Karachi | 045 04 | 035 05 | 005 06 | 310 09 | 325 15 | 290 26 | 280 64 | ... | — | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | — |
| Lahore | 340 06 | 345 10 | 340 10 | 340 08 | 335 04 | 355 08 | 285 08 | 295 19 | 290 24 | 270 29 | 280 19 |
| Multan | 340 09 | 300 07 | /// // | 350 10 | 355 12 | 330 19 | 315 31 | 305 31 | 300 43 | 285 61 | 290 92 |
| Nawab Shah | 060 03 | 030 05 | 045 06 | 335 10 | 325 15 | 300 23 | 290 42 | 295 46 | | | |
| Nokkundi | ... | — | 110 04 | 325 03 | 245 12 | 295 09 | 270 23 | 280 41 | /// // | 290 61 | 285 89 |
| Panjgur | ... | ... | ... | 005 07 | 345 06 | 310 15 | 295 39 | 295 66 | 295 66 | ... | ... |
| Peshawar | — | 175 06 | 305 10 | 345 15 | 010 08 | 340 15 | 300 15 | 270 28 | 270 29 | 280 55 | 275 52 |
| Parachinar | ... | ... | — | 065 02 | 360 02 | 285 36 | 295 12 | /// // | 265 29 | 270 66 | ... |
| Quetta | ... | ... | ... | ... | 315 04 | 320 19 | 290 35 | ... | ... | ... | ... |
| Sargodha | 340 06 | 010 11 | 025 12 | 005 08 | 335 18 | 270 05 | /// // | 325 23 | 310 29 | 310 30 | 305 56 |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Sylhet | 130 05 | 165 03 | 180 02 | 100 03 | 280 12 | 390 38 | 285 47 | ... | ... | ... | ... |
| 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 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 050 14 | 050 19 | 035 17 | 025 12 | 005 15 | 355 18 | 310 29 | 275 30 | 275 28 | 270 33 | 270 34 | 360 37 | 260 39 | ... | ... | ... | ... | ... |
| Multan | 035 05 | 020 04 | 360 04 | 360 06 | 360 13 | 340 18 | 305 35 | 305 45 | 285 48 | 295 48 | 285 76 | 250 95 | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

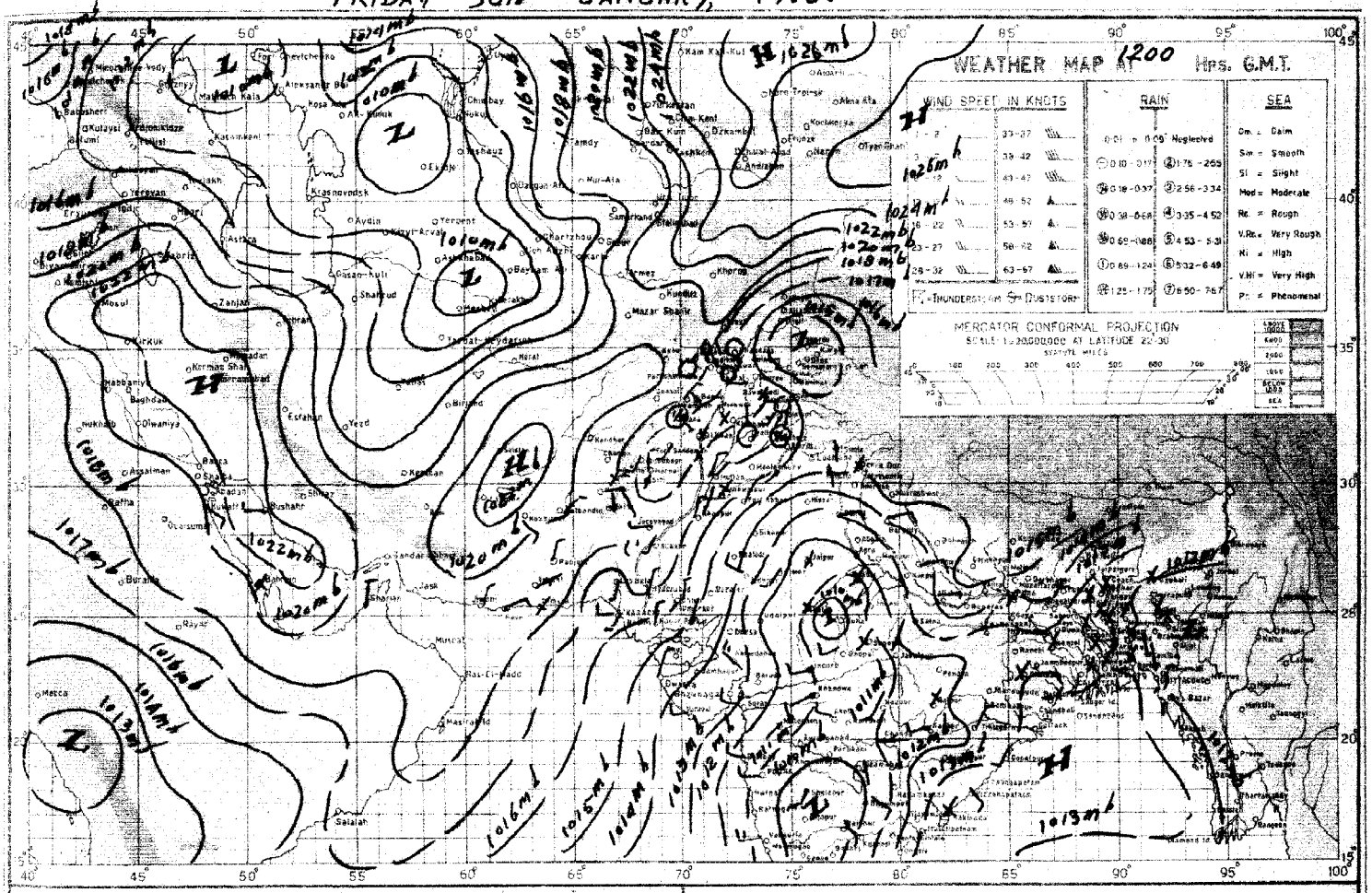
† The actual time of observations may vary within half an hour of the specified time.

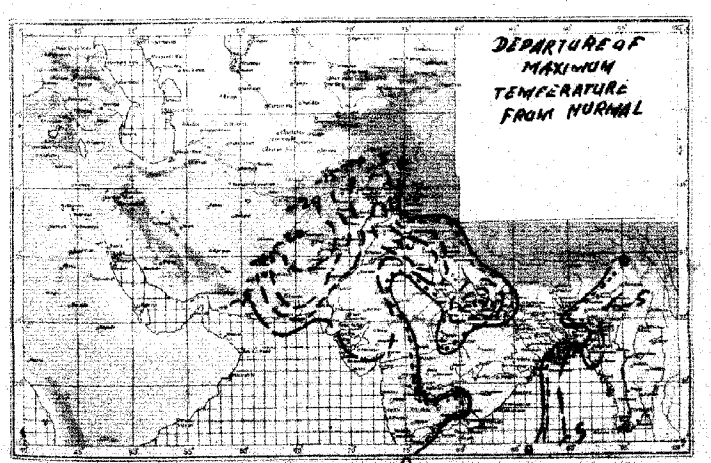
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

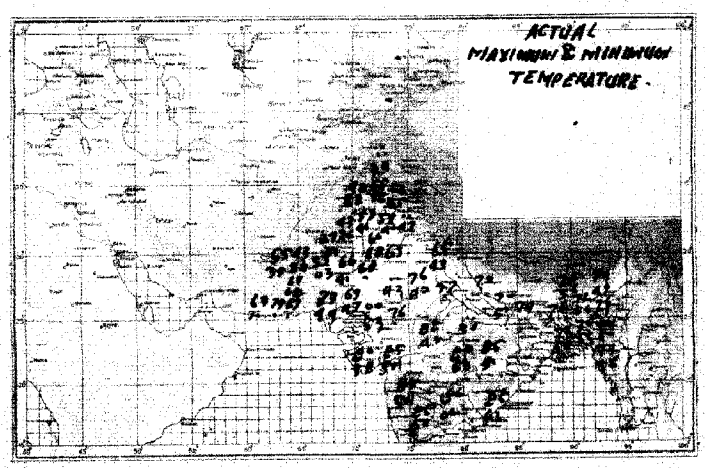
The accuracy of individual entries in this report cannot now be guaranteed. Corrections obtained. If necessary on application to the Meteorologist. Weather Centre / Air Port, KARACHI—II

# PAKISTAN DAILY WEATHER MAP

FRIDAY 30th JANUARY, 1970.




REG. No. 024 R.W.R.O. 61-5000-63-5000-67.

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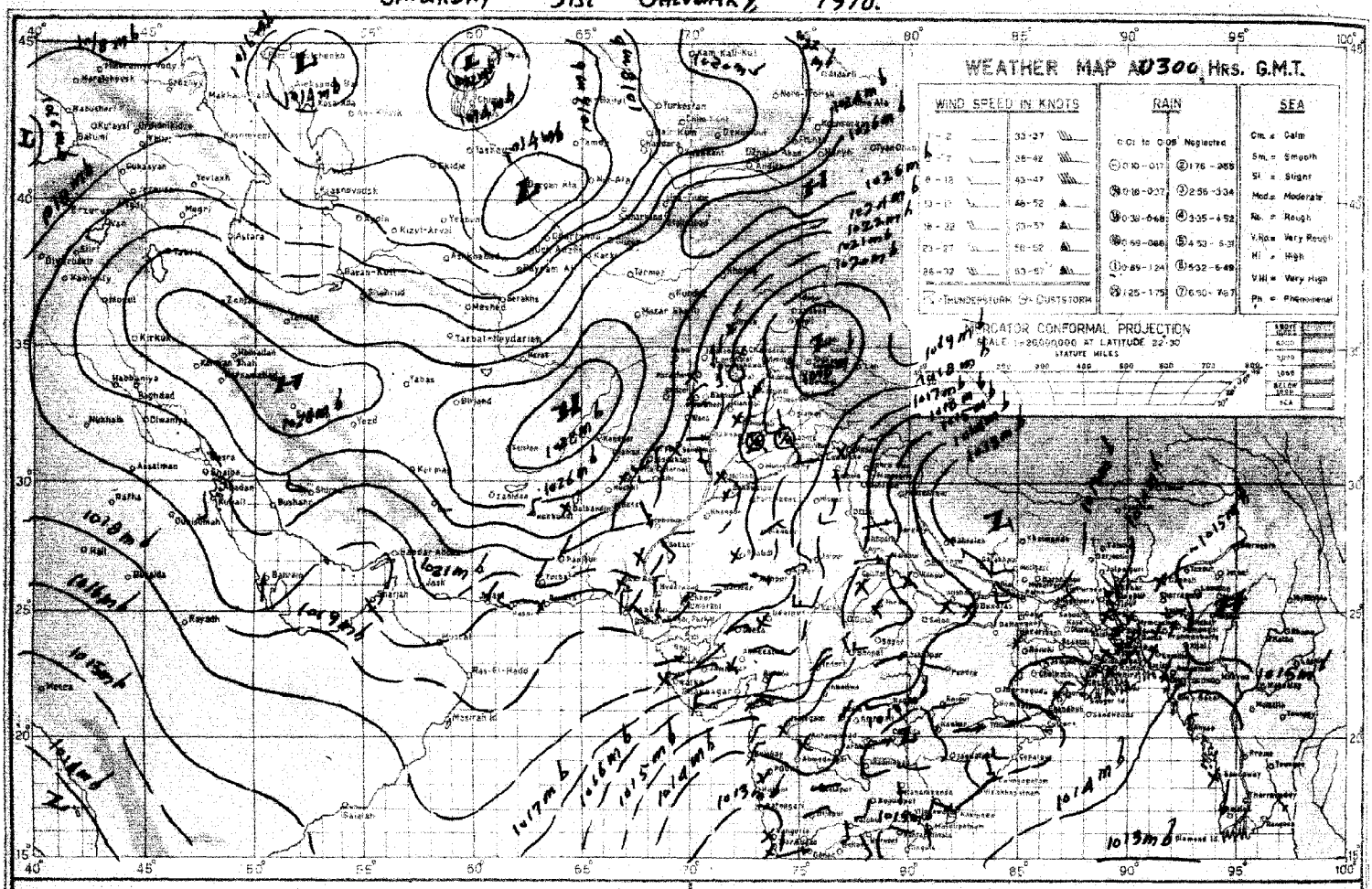
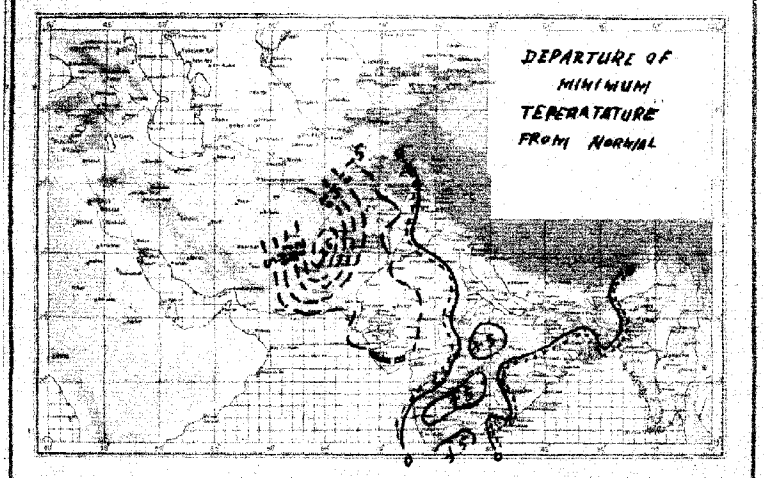
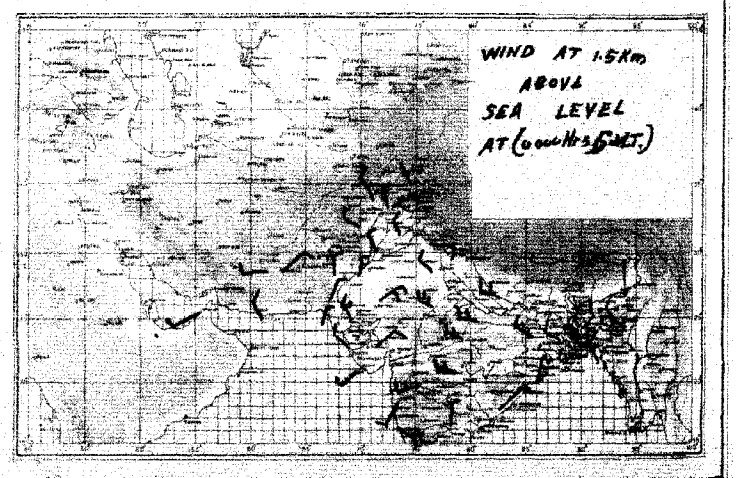
# PAKISTAN DAILY WEATHER MAP

SATURDAY 31st JANUARY 1970.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SUNDAY THE 1st FEBRUARY 1970.

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

A western disturbance is moving across northwest of Afghanistan.
A shallow trough of low pressure has developed over Quetta and Kalat divisions.
The westerly low pressure wave over north Bihar is moving across west Bengal and adjoining East Pakistan.
Weather remained dry over the country.
Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan outside Khulna division and 3—8 °F (2—4 °C) below normal in Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan, Karachi and Khairpur divisions and 9—22 °F (5—12 °C) so in Bahawalpur, Quetta, Kalat and Hyderabad divisions.
**Forecast valid until the evening of 2nd February 1970 :—** Scattered thunderstorm/showers may occur in Rajshahi, Dacca and Chittagong divisions. A few thunderstorm/showers are also likely in Peshawar and Rawalpindi divisions and Kashmir. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 1st February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clod † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati — | 000 | 0 | 0 | 18 | 03 | 96 | 00 | 0 | 133 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 77 |
| | Cox's Bazar — | .. | .. | .. | ... | ... | .. | .. | ... | .. | ... | | | | | ... | .. | .. |
| | Chittagong — | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 101 | 72 | 0 | 0 | 9 | 0 | 0 | 35 | 78 |
| | Maijdee Court — | ... | ... | ... | ... | ... | .. | .. | ... | | | | | | | | ... | ... |
| | Comilla — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 109 | 82 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Brahmanbaria — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 084 | 74 | 0 | 0 | 9 | 0 | 0 | 54 | 77 |
| | Sylhet — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 094 | 70 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| | Srimangal — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 104 | 58 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| Dacca | Mymensingh — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 105 | 70 | 0 | 0 | 9 | 0 | 0 | 60 | 76 |
| | Narayanganj — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 097 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Dacca (Tejgaon) — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 097 | 73 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Faridpur — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 123 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| Khulna | Barisal — | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 096 | 72 | 0 | 0 | 9 | 0 | 0 | 55 | 80 |
| | Khulna — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 156 | 77 | 0 | 0 | 9 | 0 | 0 | 76 | 82 |
| | Satkhira — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 109 | 76 | 0 | 0 | 9 | 0 | 0 | 59 | 82 |
| | Jessore — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 099 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| Rajshahi | Pabna — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 090 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Sirajganj — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 146 | 66 | 0 | 0 | 9 | 0 | 0 | 60 | 76 |
| | Rajshahi — | 080 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 097 | 73 | 0 | 0 | 9 | 0 | 0 | 55 | 78 |
| | Bogra — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 143 | 70 | 1 | 0 | 9 | 7 | 0 | 52 | 78 |
| | Dinajpur — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 090 | 71 | 0 | 0 | 9 | 0 | 0 | 52 | 77 |
| | Rangpur — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 114 | 60 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| Kashmir | Jammu — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) — | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 145 | 60 | 0 | 0 | 9 | 0 | 0 | 44 | 62 |
| | Sialkot — | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum — | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 136 | 62 | 0 | 0 | 9 | 0 | 0 | 42 | 65 |
| | Islamabad — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 59 | 0 | 0 | 9 | 0 | 0 | 38 | 59 |
| | Rawalpindi — | 000 | 0 | 0 | 23 | 03 | 99 | 00 | 5 | 149 | 55 | 0 | 0 | 9 | 0 | 0 | 42 | 66 |
| | Campbellpur — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab — | 000 | 0 | 3 | 00 | 00 | 99 | 00 | 0 | 147 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 66 |
| | Sargodha — | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 145 | 65 | 0 | 0 | 9 | 0 | 0 | 39 | 66 |
| | Lyallpur — | 000 | 0 | 0 | 36 | 02 | 95 | 00 | 0 | 153 | 60 | 0 | 0 | 9 | 0 | 0 | 41 | 70 |
| Multan | Sahiwal — | | | | | | | | | | | | | | | | | |
| | Multan — | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 154 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 66 |
| | Leiah — | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 2 | 171 | // | 0 | 8 | 7 | 0 | 0 | 33 | 72 |
| Bahawalpur | Khanpur — | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 168 | 66 | 0 | 0 | 9 | 0 | 0 | 33 | 66 |
| | Bahawalpur — | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 157 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 65 |
| | Fort Abbas — | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdra — | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 1 | 126 | 55 | 0 | 0 | 9 | 0 | 0 | 39 | 55 |
| Peshawar | Peshawar — | 000 | 0 | 0 | 18 | 03 | 98 | 02 | 0 | 143 | 62 | 1 | 1 | 4 | 0 | 0 | 33 | 62 |
| | Haripur — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu — | 000 | 0 | 0 | 13 | 02 | 99 | 00 | 0 | 160 | 60 | 0 | 0 | 9 | 0 | 0 | 29 | 62 |
| | D. I. Khan — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 154 | 65 | 0 | 0 | 9 | 0 | 0 | 29 | 65 |
| Quetta | Sibi — | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 174 | 66 | 0 | 0 | 9 | 0 | 0 | 66 | 67 |
| | Nokkundi — | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 183 | 57 | 0 | 0 | 9 | 0 | 0 | 32 | 58 |
| Kalat | Turbat — | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 176 | 59 | 0 | 0 | 9 | 0 | 0 | 32 | 69 |
| | Jiwani — | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 173 | 60 | 0 | 0 | 9 | 0 | 0 | 32 | 69 |
| | Pasni — | 000 | 0 | 0 | 07 | 10 | 97 | 02 | 0 | 175 | 67 | 0 | 0 | 0 | 9 | 0 | 48 | 75 |
| | Ormara — | 000 | 0 | 0 | 07 | 03 | 96 | 02 | 2 | 174 | 70 | 1 | 0 | 6 | 0 | 0 | 52 | // |
| Karachi division | Lasbela — | ... | | ... | | | | | | ... | | | ... | | | | | ... |
| | Karachi (Manora) — | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 166 | 78 | 0 | 0 | 9 | 0 | 0 | 39 | 72 |
| | Karachi (Ariport) — | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 164 | 71 | 0 | 0 | 9 | 0 | 0 | 18 | 72 |
| Hyderabad | Nagarparker — | .. | | | ... | | | | | ... | | .. | | ... | | | .. | ... |
| | Chhor — | 000 | 0 | 0 | 05 | 04 | 96 | 02 | 0 | 156 | 71 | 0 | 0 | 9 | 0 | 0 | 26 | 72 |
| | Hyderabad — | 000 | 0 | 0 | 34 | 03 | 97 | 02 | 0 | 183 | 67 | 0 | 0 | 9 | 0 | 0 | 37 | 71 |
| | Badin — | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 151 | 71 | 0 | 0 | 9 | 0 | 0 | 34 | 73 |
| Khairpur | Padidan — | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 163 | 66 | 0 | 0 | 9 | 0 | 0 | 32 | // |
| | Nawabshah — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 175 | 69 | 0 | 0 | 9 | 0 | 0 | 46 | 70 |
| | Sukkur — | 000 | 0 | 0 | 33 | 03 | 96 | 02 | 0 | 173 | 67 | 0 | 0 | 9 | 0 | 0 | 37 | 71 |
| | Kashmore — | | | | | | | | | | | | | | | | | |
| | Jacobabad — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 170 | 66 | 0 | 0 | 9 | 0 | 0 | 43 | 67 |
| Junagadh | Veraval — | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * ... | 000 | 0 | 0 | 09 | 03 | 98 | 02 | 1 | 497 | 44 | 0 | 0 | 9 | 0 | 0 | 12 | 48 |
| Peshawar | Cherat * ... | 000 | 0 | 0 | 34 | 14 | 98 | 00 | 0 | 491 | 40 | 0 | 0 | 9 | 0 | 0 | 32 | 44 |
| | Kakul * ... | 000 | 0 | 1 | 34 | 02 | 98 | 01 | 0 | 482 | 31 | 1 | 1 | 6 | 0 | 0 | 33 | 52 |
| | Landikotal * ... | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 406 | 44 | 0 | 0 | 9 | 0 | 0 | 44 | 58 |
| | Parachinar * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 488 | 48 | 0 | 0 | 9 | 0 | 0 | 28 | 48 |
| D. I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 08 | 99 | 00 | 0 | 513 | 39 | 0 | 0 | 9 | 0 | 0 | 39 | 39 |
| | Wana * ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 437 | 39 | 0 | 0 | 9 | 0 | 0 | 34 | 41 |
| Quetta | Fort Sandeman * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 485 | 53 | 0 | 0 | 9 | 0 | 0 | 20 | 54 |
| | Hindubagh * ... | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 27 | 33 |
| | Loralai * ... | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 490 | 42 | 0 | 0 | 9 | 0 | 0 | 33 | 44 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 494 | 58 | 0 | 0 | 9 | 0 | 0 | 34 | 58 |
| | Samungli (Quetta) * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 517 | 39 | 0 | 0 | 9 | 0 | 0 | 29 | // |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 513 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | 46 |
| | Nushki * ... | | | | | | | | | | | | | | | | | |
| | Dalbandin * ... | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 523 | 49 | 0 | 0 | 9 | 0 | 0 | 39 | 53 |
| Kalat | Kalat * ... | 000 | 0 | 8 | 36 | 02 | 98 | 00 | 2 | 568 | 45 | 0 | 0 | 9 | 0 | 0 | 18 | 56 |
| | Khuzdar * ... | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 488 | 53 | 0 | 0 | 9 | 0 | 0 | 17 | 54 |
| | Panjgur * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 506 | 57 | 0 | 0 | 9 | 0 | 0 | 30 | 60 |

At 0000 Hrs. G. M. T. of date

| Stations | Rainfall in Cents RRR (20) | Past weather commenced at † Ws (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | — | ... | .. | ... | ... | .. | ... | | | | ... | .. | | | | .. | |
| Cox's Bazar | 000 | 0 | 0 | 04 | 03 | 96 | 05 | 0 | 132 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 59 |
| Chittagong | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 132 | 68 | 2 | 0 | 9 | 3 | 0 | 56 | 36 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 130 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 59 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 1 | 167 | 65 | 0 | 0 | 9 | 1 | 0 | 54 | 42 |
| Brahmanbaria | ... | | | ... | | | | .. | | ... | | ... | | | | ... | |
| Sylhet | 0?0 | 0 | 2 | 09 | 05 | 96 | 02 | 2 | 135 | 64 | 5 | 5 | 9 | 0 | 0 | // | 56 |
| Srimangal | .. | | .. | ... | ... | ... | .. | ... | | .. | .. | .. | ... | ... | ... | .. | ... |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 05 | 1 | 150 | 64 | 6 | 4 | 5 | 2 | 0 | 54 | 60 |
| Narayanganj | ... | | .. | .. | | | | | | | | | | | | | |
| Dacca (Tejgaon) | 000 | 0 | 6 | 00 | 00 | 95 | 05 | 4 | 128 | 68 | 6 | 0 | 9 | 3 | 0 | 58 | 59 |
| Faridpur | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 137 | 69 | 3 | 4 | 6 | 1 | 0 | 56 | 58 |
| Barisal | .. | .. | .. | .. | | | | | | | ... | | | | | | |
| Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 147 | 73 | 2 | 2 | 5 | 0 | 3 | 54 | 56 |
| Satkhira | 000 | 0 | 3 | 00 | 00 | 97 | 00 | 0 | 141 | 68 | 3 | 0 | 0 | 1 | 0 | 59 | 58 |
| Jessore | 000 | 0 | 4 | 09 | 02 | 97 | 02 | 2 | 132 | 65 | 8 | 6 | 1 | 0 | 0 | 60 | 60 |
| Pabna | 000 | 0 | 3 | 27 | 02 | 96 | 42 | 4 | 131 | 65 | 3 | 4 | 7 | 0 | 0 | 59 | 59 |
| Sirajganj | 000 | 0 | 4 | 13 | 03 | 98 | 81 | 2 | 136 | 65 | 3 | 0 | 7 | 4 | 0 | 56 | 54 |
| Rajshahi | 000 | 0 | 6 | 05 | 03 | 96 | 03 | 1 | 149 | 67 | 2 | 1 | 5 | 3 | 0 | 58 | 58 |
| Bogra | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 133 | 62 | 3 | 0 | 9 | 3 | 0 | 54 | 54 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | [illegible] | 00 | 0 | 136 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 58 |
| Rangpur | 008 | 0 | ? | 13 | 03 | 96 | 01 | 1 | 169 | 59 | 1 | 0 | 9 | 1 | 0 | 56 | 57 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 025 | 0 | 3 | 31 | 02 | 95 | 05 | 0 | 187 | 43 | 3 | 0 | 9 | 3 | 0 | 41 | 43 |
| Sialkot | | | | | | | | | | | | | | | | | |
| Jhelum | 000 | 0 | 0 | 13 | 05 | 97 | 00 | 0 | 155 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 41 |
| Islamabad | 000 | 0 | 4 | 00 | 06 | 57 | 02 | 0 | /// | 41 | 2 | 5 | 7 | 1 | 0 | 34 | 38 |
| Rawalpindi | 001 | 1 | 0 | 00 | 00 | 97 | 00 | 0 | 205 | 35 | 0 | 0 | 9 | 0 | 1 | // | 35 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 193 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 41 |
| Sargodha | 000 | 0 | 1 | 03 | 00 | 92 | 44 | 4 | 197 | 38 | 0 | 0 | 9 | 0 | 0 | 38 | 35 |
| Lyallpur | 019 | 0 | 4 | 00 | 00 | 95 | 02 | 5 | 193 | 40 | 0 | 0 | 9 | 4 | 0 | 38 | 40 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 4 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 38 |
| Leiah | 000 | 0 | 0 | 36 | 01 | 91 | 02 | 2 | 191 | 43 | 0 | 0 | 7 | 0 | 0 | 41 | 43 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 8 | 171 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 36 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 08 | 9 | 216 | 49 | 0 | 0 | 9 | 0 | 0 | 45 | // |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 160 | 56 | 0 | 0 | 9 | 0 | 0 | 41 | 56 |
| Chakdra | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 208 | 35 | 0 | 0 | 9 | 0 | 1 | 33 | 33 |
| Peshawar | 001 | 0 | 2 | 18 | 03 | 97 | 03 | 0 | 218 | 40 | 1 | 0 | 9 | 3 | 1 | 33 | 35 |
| Haripur | 000 | 0 | 0 | 05 | 05 | 97 | 00 | 0 | 202 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 36 |
| Bannu | 000 | 0 | 2 | 29 | 02 | 99 | 01 | 1 | 211 | 40 | 0 | 0 | 9 | 2 | 0 | 35 | 40 |
| D. I. Khan | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 202 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 41 |
| Sibi | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 220 | 44 | 0 | 0 | 9 | 0 | 0 | 32 | 35 |
| Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 259 | 35 | 0 | 0 | 9 | 0 | 0 | 20 | 35 |
| Turbat | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 237 | 50 | 0 | 0 | 9 | 0 | 0 | 38 | 46 |
| Jiwani | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 197 | 53 | 0 | 0 | 9 | 0 | 0 | 35 | // |
| Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 193 | 47 | 0 | 0 | 0 | 0 | 0 | 43 | // |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 199 | 53 | 0 | 0 | 9 | 0 | 0 | 45 | // |
| Lasbela | 00? | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 207 | 37 | 0 | 0 | 8 | 0 | 0 | 31 | 33 |
| Karachi (Manora) | 000 | 0 | 0 | 36 | 01 | 96 | 02 | 0 | 195 | 54 | 0 | 0 | 9 | 0 | 0 | 32 | [illegible] |
| Karachi (Ariport) | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 199 | 45 | 0 | 0 | 9 | 0 | 0 | 17 | [illegible] |
| Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 176 | 53 | 0 | 0 | 0 | 0 | 0 | 62 | 53 |
| Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 197 | 48 | 0 | 0 | 9 | 0 | 0 | 33 | 39 |
| Hyderabad | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 210 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 47 |
| Badin | 000 | 0 | 0 | 36 | 01 | 97 | 02 | 0 | 202 | 44 | 0 | 0 | 9 | 0 | 0 | [illegible] | 42 |
| Padidan | 000 | 0 | 0 | 00 | 01 | 96 | 02 | 0 | 218 | 34 | 0 | 0 | 9 | 0 | 0 | [illegible] | 33 |
| Nawabshah | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 217 | 39 | 0 | 0 | 9 | 0 | 0 | 32 | 35 |
| Sukkur | 000 | 0 | 0 | 33 | 03 | 94 | 05 | 4 | 208 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 46 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 214 | 42 | 0 | 0 | 9 | 0 | 0 | 37 | 41 |
| Veraval | | | | | | | | | | | | | | | | | |
| Srinagar – Murree | | | | | | | | | | | | | | | | | |
| Drosh | 007 | 0 | 4 | 00 | 00 | 97 | 03 | 2 | 541 | 30 | 6 | 0 | 9 | 7 | 0 | 22 | 28 |
| Cherat | 010 | 9 | 0 | 13 | 11 | 98 | 02 | 0 | 508 | 35 | 0 | 0 | 9 | 0 | 0 | 32 | 33 |
| Kakul | 001 | 0 | 3 | 00 | 00 | 98 | 02 | 0 | 504 | // | 0 | 0 | 0 | 0 | 5 | 32 | 30 |
| Landikotal | 000 | 0 | 4 | 36 | 01 | 98 | 01 | 4 | 404 | 25 | 4 | 3 | 9 | 0 | 0 | 29 | 29 |
| Parachinar | 007 | 0 | 0 | 03 | 00 | 98 | 02 | 0 | /// | 24 | 0 | 0 | 9 | 0 | 0 | 22 | 22 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 539 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | 35 |
| Wana | ... | .. | ... | ... | ... | .. | ... | .. | ... | . | ... | ... | ... | ... | . | ... | ... |
| Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 508 | 28 | 0 | 0 | 9 | 0 | 0 | 22 | 26 |
| Hindubagh | 030 | 0 | 0 | 23 | 09 | 97 | 02 | 0 | /// | 10 | 0 | 0 | 9 | 0 | 0 | // | 08 |
| Loralai | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 495 | 28 | 0 | 0 | 9 | 0 | 0 | 21 | 25 |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 31 | 04 | 96 | 02 | 0 | 480 | 36 | 0 | 0 | 9 | 0 | 0 | // | 34 |
| Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 538 | 03 | 0 | 0 | 9 | 0 | 0 | 01 | 01 |
| Chaman | ... | — | ... | ... | ... | ... | | . | .. | ... | ... | ... | ... | . | — | ... | ... |
| Nushki | | | | | | | | | | | | | | | | | |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 514 | 29 | 0 | 0 | 9 | 0 | 0 | 38 | 28 |
| Kalat | 002 | 0 | 0 | 18 | 03 | 99 | 00 | 2 | 551 | 05 | 0 | 0 | 9 | 0 | 0 | 07 | 03 |
| Khuzdar | ... | | . | . | ... | ... | ... | ... | . . | . | ... | ... | ... | ... | ... | .. | ... |
| Panjgur | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 494 | 32 | 0 | 0 | 9 | 0 | 0 | 26 | 31 |

Departure from Normal of / Rainfall

| Stations | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | | | | | — |
| Cox's Bazar | — | + 2 | 0.7 | — 2.7 | 0.0 | 140 |
| Chittagong | — 1 | 0 | 0.7 | — 2.3 | 0.0 | 108 |
| Maijdee Court | — | — 1 | 1.6 | — 1.1 | 0.7 | 115 |
| Comilla | — 3 | + 8 | 1.3 | — 0.7 | 0.2 | 94 |
| Brahmanbaria | — | | | | | 78 |
| Sylhet | — | — | 3.4 | — | 2.1 | — |
| Srimangal | — 8 | | | | | 98 |
| Mymensingh | 0 | + 6 | 1.1 | — 0.1 | 0.9 | 91 |
| Narayanganj | + 1 | | | | | 74 |
| Dacca (Tejgaon) | — | — | 1.9 | — | 0.7 | — |
| Faridpur | + 1 | — 8 | 2.3 | — 0.1 | 0.7 | 71 |
| Barisal | + 4 | | | | | 81 |
| Khulna | + 2 | — 1 | 1.3 | — 1.4 | 0.0 | 60 |
| Satkhira | + 1 | + 2 | 0.2 | — 1.1 | 0.0 | 65 |
| Jessore | — | — | 2.4 | + 0.9 | 1.3 | 65 |
| Pabna | — | | 2.9 | — | 1.9 | 59 |
| Sirajganj | 0 | + 2 | 1.9 | + 0.7 | 1.5 | 64 |
| Rajshahi | + 2 | + 6 | — | — | — | — |
| Bogra | + 2 | + 2 | 1.7 | + 0.5 | 0.5 | 80 |
| Dinajpur | + 1 | + 7 | — | — | — | 72 |
| Rangpur | + 2 | + 2 | 2.3 | + 1.5 | 0.8 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | — 7 | + 3 | 0.7 | — 1.6 | 0.7 | 19 |
| Sialkot | — | | | | | 33 |
| Jhelum | — | — | — | — | — | — |
| Islamabad | — | — | — | — | | |
| Rawalpindi | — 5 | — 4 | 2.9 | — 4.1 | 2.7 | 36 |
| Campbellpur | | | | | | — |
| Khushab | — 1 | — 1 | 0.4 | — 0.7 | 0.3 | 15 |
| Sargodha | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | + 2 | — 1 | 0.3 | — 0.3 | 0.3 | 13 |
| Sahiwal | | | | | | 18 |
| Multan | — 2 | — 5 | 0.1 | — 0.6 | 0.1 | 7 |
| Leiah | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | — 8 | — 8 | — | — | — | 4 |
| Bahawalpur | — | — | 0.0 | — 0.3 | 0.0 | 4 |
| Fort Abbas | — | — | — | — | — | 6 |
| Chakdra | — | — | 3.0 | — | 1.9 | — |
| Peshawar | — | — 3 | 1.5 | — 0.8 | 1.0 | 11 |
| Haripur | — | — | 2.9 | — | 1.9 | — |
| Bannu | — | — | 0.6 | — | 0.2 | 11 |
| D. I. Khan | — 3 | 0 | 1.1 | + 0.3 | 1.1 | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | — | — | 1.7 | — | 1.7 | 3 |
| Turbat | — | — | 0.3 | — | 0.3 | — |
| Jiwani | — | — | 8.7 | — | 7.9 | 5 |
| Pasni | + 1 | — | 2.5 | — 0.4 | 2.5 | 6 |
| Ormara | — | — | 2.3 | + 0.1 | 2.3 | 6 |
| Lasbela | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | — 3 | — 4 | 0.3 | — 0.4 | 0.3 | 8 |
| Karachi (Ariport) | — | — | 0.3 | — | 0.3 | — |
| Nagarparker | — | — | 0.0 | — | 0.0 | — |
| Chhor | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | — 6 | — 4 | 0.1 | — 0.1 | 0.1 | 9 |
| Badin | — | — | 0.1 | — 0.3 | 0.1 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | 7 | — 3 | 0.1 | — | 0.1 | 20 |
| Veraval | | | | | | 26 |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 24 |
| Dras | | | | | | 8 |
| Leh | | | | | | 6 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 30 |
| Murree | | | | | | 18 |
| Drosh | — | — 4 | 1.5 | — | 0.9 | 29 |
| Cherat | — 5 | — 5 | 1.9 | — 2.3 | 1.3 | — |
| Kakul | — | — | 4.2 | — | 3.1 | — |
| Landikotal | — | — | 0.9 | — | 0.1 | 29 |
| Parachinar | — 2 | — 7 | — | — | — | 13 |
| Miranshah | — | 0 | 1.7 | — | 0.0 | 11 |
| Wana | — | | | | | 13 |
| Fort Sandeman | — 6 | — 9 | 0.4 | — 0.8 | 0.4 | — |
| Hindubagh | — | — | 1.1 | — | 0.9 | 9 |
| Loralai | — | — | 0.3 | — | 0.3 | — |
| Barkhan | — | | | | | 14 |
| Harnai | — | — | 0.5 | — 1.3 | 0.5 | 9 |
| Samungli (Quetta) | — | — | 1.8 | — 1.3 | 1.. | 9 |
| Chaman | — 7 | | | | | — |
| Nushki | | | | | | 4 |
| Dalbandin | — | — 11 | 2.1 | + 0.6 | 2.2 | 7 |
| Kalat | + 6 | — | 0.8 | — 1.6 | 0.8 | — |
| Khuzdar | | | | | | 8 |
| Panjgur | — 4 | — 11 | 0.0 | — | 0.0 | — |

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

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# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 1st FEBEUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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. | Surface PoPoPo ToToTo DoDo | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 009 144 17 | ... | 450 090 44 | 065 018 48 | 570 137 50 | 738 185 56 | 945 329 58 | 217 553 // | 395 679 // | 630 823 // | ... | ... | ... |
| Dacca ... | 00 00 | 010 186 50 | ... | 410 120 59 | 065 000 57 | 570 141 60 | 736 215 60 | 944 315 60 | 219 527 // | 396 663 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 008 036 03 | ... | 450 024 57 | 020 095 | 553 245 // | 710 381 // | 905 475 // | 167 561 // | 348 595 // | ... | ... | ... | ... |
| Multan ... | 00 00 | 009 036 16 | ... | 450 065 58 | 042 021 59 | 562 175 // | 727 261 // | 930 375 // | 224 481 // | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 818 089 // | ... | ... | 046 081 // | 560 178 // | /// /// // | 935 293 // | 220 369 // | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 992 084 50 | ... | 460 040 58 | 058 015 15 | 561 221 | 733 321 | 922 415 | 189 535 // | 383 621 | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 122 45 | 800 054 56 | 600 059 56 | 358 269 50 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 153 59 | /// /// // | 600 061 61 | 350 261 60 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 800 019 // | 600 149 // | 350 241 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 210 03 | 255 03 | 245 04 | 290 19 | 280 16 | 275 28 | ... | ... | ... |
| Bogra | 265 07 | 235 07 | 225 07 | 200 11 | 295 24 | 290 32 | ... | ... | ... |
| Chakdala | ... | 260 09 | 360 06 | 125 01 | 120 07 | 100 07 | 280 17 | 290 19 | 300 34 |
| Chhar | 015 C8 | 020 08 | 025 10 | 010 15 | 320 41 | 305 20 | 300 06 | 255 52 | ... |
| Chittagong | 205 03 | 115 01 | 010 05 | 295 17 | 275 18 | 270 29 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 290 05 | 265 06 | 280 09 | 305 15 | 285 12 | 280 15 | 285 21 | ... | ... |
| Dalbandin | ... | | 005 03 | 050 07 | 065 03 | 275 06 | 244 12 | 295 51 | 290 73 |
| D. I. Khan | 305 05 | 305 06 | 310 41 | 320 04 | 300 09 | 310 13 | 305 22 | 305 33 | 290 27 |
| Drosh | ... | ... | ... | 105 03 | 205 06 | 005 08 | 120 03 | 120 54 | |
| Fort Sandeman | ... | ... | ... | 245 09 | 290 09 | 245 01 | 315 37 | 305 35 | 315 02 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 210 04 | 240 07 | 245 07 | 295 21 | 280 26 | 290 29 | ... | ... | ... |
| Jacobabad | 290 02 | 255 04 | 255 07 | 310 11 | 320 17 | 315 19 | 295 39 | 290 49 | 285 55 |
| Jessore | 260 04 | 240 05 | 250 06 | 270 17 | 290 17 | 290 12 | | | |
| Jhelum | 300 06 | 310 09 | 320 02 | 090 08 | 090 10 | 350 05 | 280 19 | 280 19 | 285 40 |
| Jiwani | 340 03 | 335 05 | 335 04 | 340 06 | 305 10 | 290 18 | 300 14 | 285 14 | 275 50 |
| Karachi | 350 02 | 040 04 | 025 04 | 355 07 | 310 10 | 295 23 | 225 15 | 290 15 | 285 18 |
| Khanpur | 315 08 | 295 07 | 295 14 | 290 12 | 325 25 | 350 20 | 325 32 | 325 43 | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 300 11 | 295 12 | 300 07 | 325 10 | 310 06 | 315 04 | 320 08 | 300 10 | 320 10 |
| Multan | 010 03 | 050 06 | 305 04 | 315 09 | 315 16 | 310 34 | 300 38 | | 295 60 |
| Nawab Shah | 281 0 | 295 10 | 300 10 | 345 15 | 045 02 | 305 25 | 345 03 | 304 07 | 315 15 |
| Nokkundi | ... | ... | 095 01 | 240 02 | 275 06 | 270 13 | 285 32 | 285 47 | 286 01 |
| Panjgur | ... | | | 065 03 | 275 04 | 295 13 | 300 32 | 305 28 | 310 15 |
| Peshawar | ... | 260 04 | 320 08 | 325 05 | 245 07 | 340 09 | 285 15 | 270 17 | 280 26 |
| Parachinar | ... | ... | ... | 298 50 | 160 04 | 330 02 | 310 04 | 295 86 | 295 40 |
| Quetta | | | | ... | 295 05 | 325 20 | 300 41 | | ... |
| Sargodha | 280 06 | 315 05 | 350 05 | 210 06 | 315 09 | 295 15 | 295 01 | 295 39 | 290 41 |
| Skardu | | | | | ... | | ... | ... | ... |
| Sylhet | 290 11 | 290 27 | 245 05 | 215 13 | 235 12 | 275 12 | ... | ... | ... |
| Veraval | ... | ... | | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | ... | | | ... | ... | ... |
| Bogra | 260 05 | 260 05 | 260 07 | 285 15 | ... | ... |
| Chakdala | ... | 255 02 | 290 03 | 225 07 | 040 12 | 240 17 |
| Chhar | 060 01 | 055 07 | 360 07 | 010 11 | 265 12 | 330 12 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 030 09 | 030 11 | 020 12 | 355 18 | 350 17 | ... |
| Dacca | 200 21 | 325 15 | 285 17 | ... | | ... |
| Dalbandin | ... | ... | 065 05 | 175 05 | 235 09 | 260 09 |
| D. I. Khan | 130 04 | 150 03 | 175 03 | 255 05 | 305 05 | 270 08 |
| Drosh | | | | 093 04 | 020 04 | 360 08 |
| Fort Sandeman | No | Ascent | ... | | | |
| Gilgit | | | | 020 08 | 070 07 | 020 13 |
| Ishurdi | 265 08 | 265 07 | 275 09 | 285 15 | | |
| Jacobabad | 240 05 | 255 06 | 280 07 | 290 01 | 300 09 | 290 05 |
| Jessore | 240 10 | 240 05 | 230 05 | 270 07 | 260 15 | 280 33 |
| Jhelum | 305 11 | 310 14 | 340 08 | 350 07 | 065 04 | 310 07 |
| Jiwani | 335 07 | 280 03 | 070 04 | 180 08 | 280 20 | 280 25 |
| Karachi | ... | | | | | |
| Khanpur | 240 15 | 240 20 | 235 15 | 255 04 | 310 12 | 305 22 |
| Khuzdar | | | | | | |
| Lahore | 340 10 | 355 15 | 355 12 | 340 02 | 350 09 | 335 06 |
| Multan | 205 08 | 120 07 | 025 03 | 330 05 | 315 11 | 305 16 |
| Nawab Shah | 080 02 | 110 04 | 160 06 | 220 11 | 255 15 | 335 12 |
| Nokkundi | ... | | 225 13 | 210 11 | 255 14 | 285 20 |
| Panjgur | ... | ... | ... | 280 26 | 260 12 | ... |
| Peshawar | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | 095 04 | 020 04 | 360 08 |
| Quetta | | | | | ... | |
| Sargodha | 290 15 | 350 11 | 350 11 | 345 10 | ... | 300 13 |
| Skardu | | | | 061 02 | 270 07 | 315 07 |
| Sylhet | 110 07 | 120 06 | 165 01 | 280 12 | 285 23 | 285 58 |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 180 02 | 200 04 | 210 07 | 255 06 | 260 09 | ... | ... | ... | ... | | ... |
| Bogra | 115 05 | 095 01 | 265 07 | 305 10 | 290 17 | ... | | ... | | ... | ... |
| Chakdala | ... | 265 02 | 195 02 | 225 40 | 255 04 | 275 47 | 315 15 | 275 74 | 290 29 | ... | ... |
| Chhar | 045 05 | 060 04 | 060 04 | 055 06 | 035 09 | 020 12 | 315 22 | 340 16 | 010 33 | 310 34 | 285 26 |
| Chittagong | 040 06 | 035 13 | 035 17 | 020 08 | 265 10 | 290 12 | 285 27 | 270 33 | 270 29 | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 025 08 | 025 08 | 090 07 | 015 01 | 315 07 | 280 13 | 290 29 | 275 42 | 255 51 | 250 55 | ... |
| Dacca | 160 08 | 235 08 | 240 06 | 240 11 | 270 12 | 265 14 | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 170 08 | 150 03 | 220 08 | 225 15 | 285 39 | ... | ... | ... | ... |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 245 02 | 175 08 | 245 17 | 295 23 | 285 10 | 280 52 | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 010 07 | 300 04 | 290 05 | 250 08 | 255 17 | ... | ... | ... | ... | ... | ... |
| Jacobabad | 215 04 | 215 06 | 215 05 | 195 05 | 205 01 | 250 14 | 265 35 | 275 66 | 285 63 | ... | ... |
| Jessore | 215 02 | 220 04 | 200 05 | 200 07 | 205 12 | | ... | | | | |
| Jhelum | 335 06 | 355 08 | 340 06 | 330 04 | 075 05 | 150 04 | 330 10 | 275 30 | 345 31 | 295 60 | 301 14 |
| Jiwani | 305 08 | 260 12 | 265 10 | 275 13 | 270 20 | 265 31 | 270 42 | 280 49 | 280 58 | | ... |
| Karachi | 275 06 | 255 08 | 235 07 | 245 09 | 280 12 | 275 33 | 290 31 | 305 37 | 290 31 | | |
| Khanpur | 235 11 | 230 12 | 235 13 | 235 15 | 235 19 | 225 12 | 205 02 | 225 12 | 295 54 | 010 09 | 275 23 |
| Khuzdar | | | | | | | | | | | |
| Lahore | 305 05 | 325 05 | 315 07 | 305 08 | 350 07 | 100 07 | 295 09 | 305 11 | 295 35 | 295 21 | 300 31 |
| Multan | 185 14 | 190 17 | 125 14 | 125 09 | 035 07 | 310 13 | 290 31 | 295 47 | 300 53 | 295 58 | 291 06 |
| Nawab Shah | 155 02 | 190 17 | 155 12 | 185 10 | 245 10 | 275 20 | 280 59 | | ... | ... | ... |
| Nokkundi | ... | ... | 075 07 | 190 03 | 285 09 | 330 12 | ... | ... | ... | ... | ... |
| Panjgur | ... | | | | | | | | | | |
| Peshawar | ... | 115 03 | 215 03 | 330 08 | 025 05 | 355 06 | 275 21 | 285 25 | 270 29 | 280 61 | 275 06 |
| Parachinar | ... | ... | ... | 105 03 | 120 07 | 295 29 | 280 23 | 290 33 | 250 33 | 276 11 | 280 75 |
| Quetta | | | | | 180 08 | 220 15 | 255 32 | | | | |
| Sargodha | 265 07 | 285 04 | 260 03 | 010 03 | 005 05 | 340 07 | 295 27 | 295 23 | 295 26 | 275 52 | 290 69 |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 275 06 | 275 06 | 280 05 | 270 09 | 275 16 | 285 27 | 300 38 | 290 36 | 275 37 | 265 35 | 255 07 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundards tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

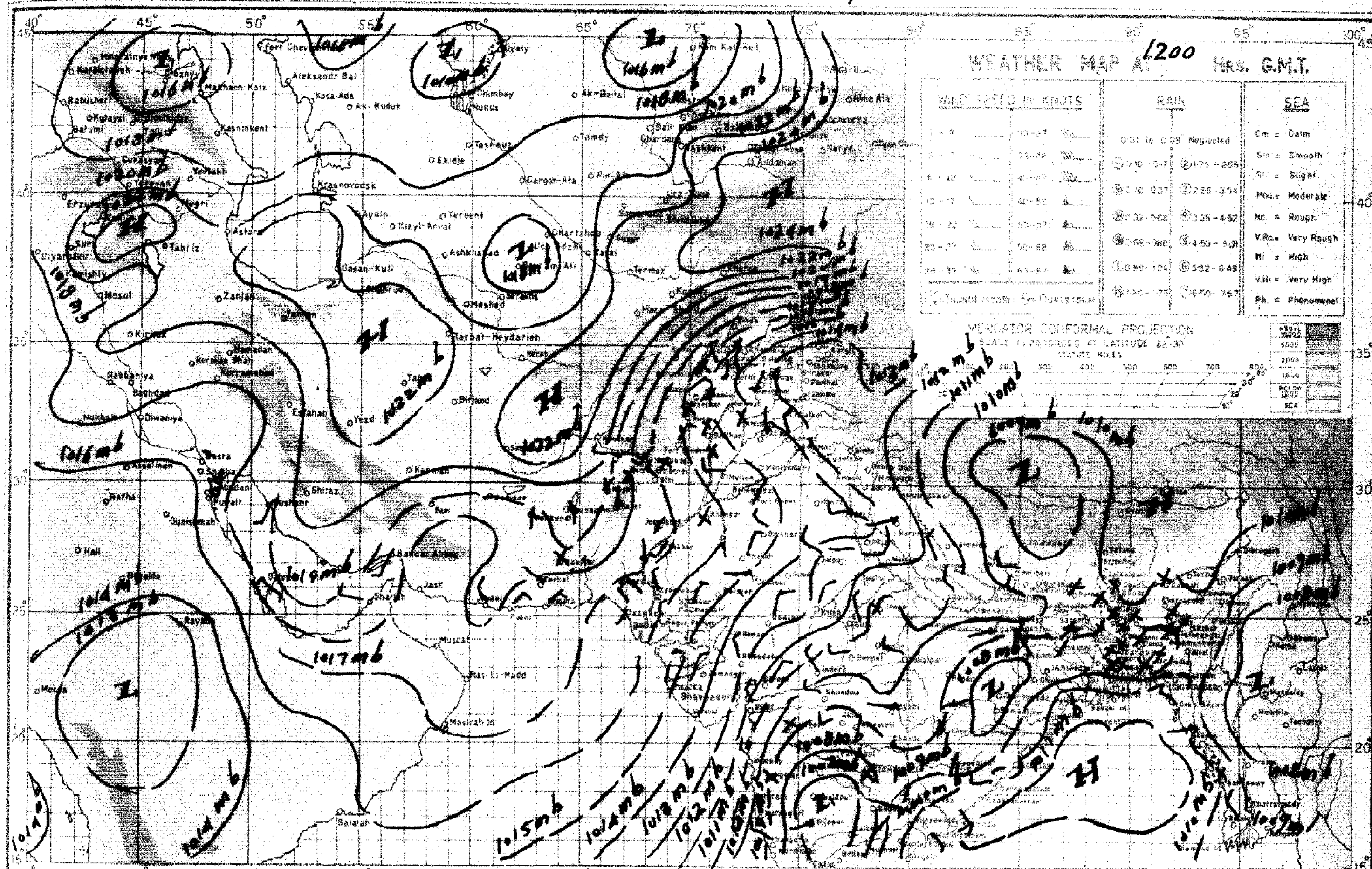
† The actual time of observations may vary within half an hour of the specified time.

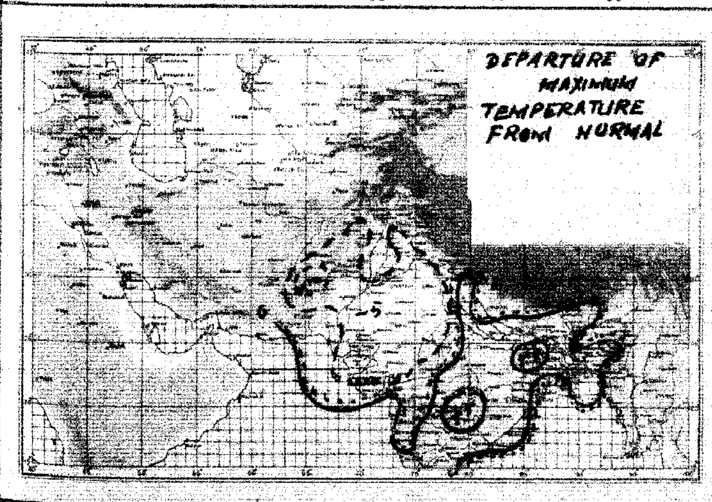
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

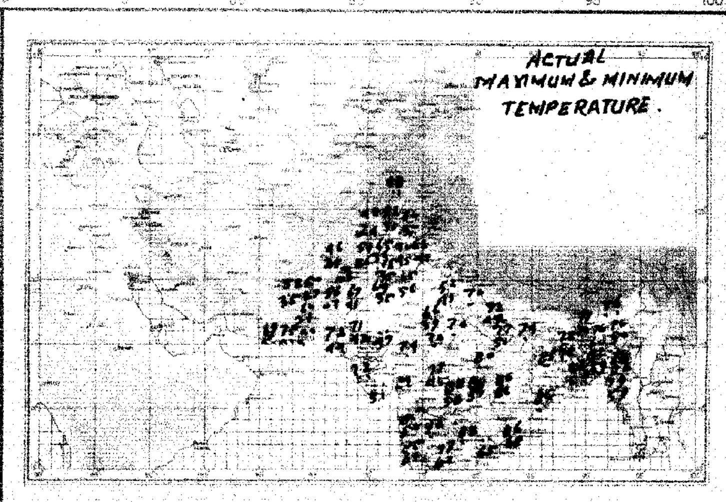
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SATURDAY 31st JANUARY, 1970

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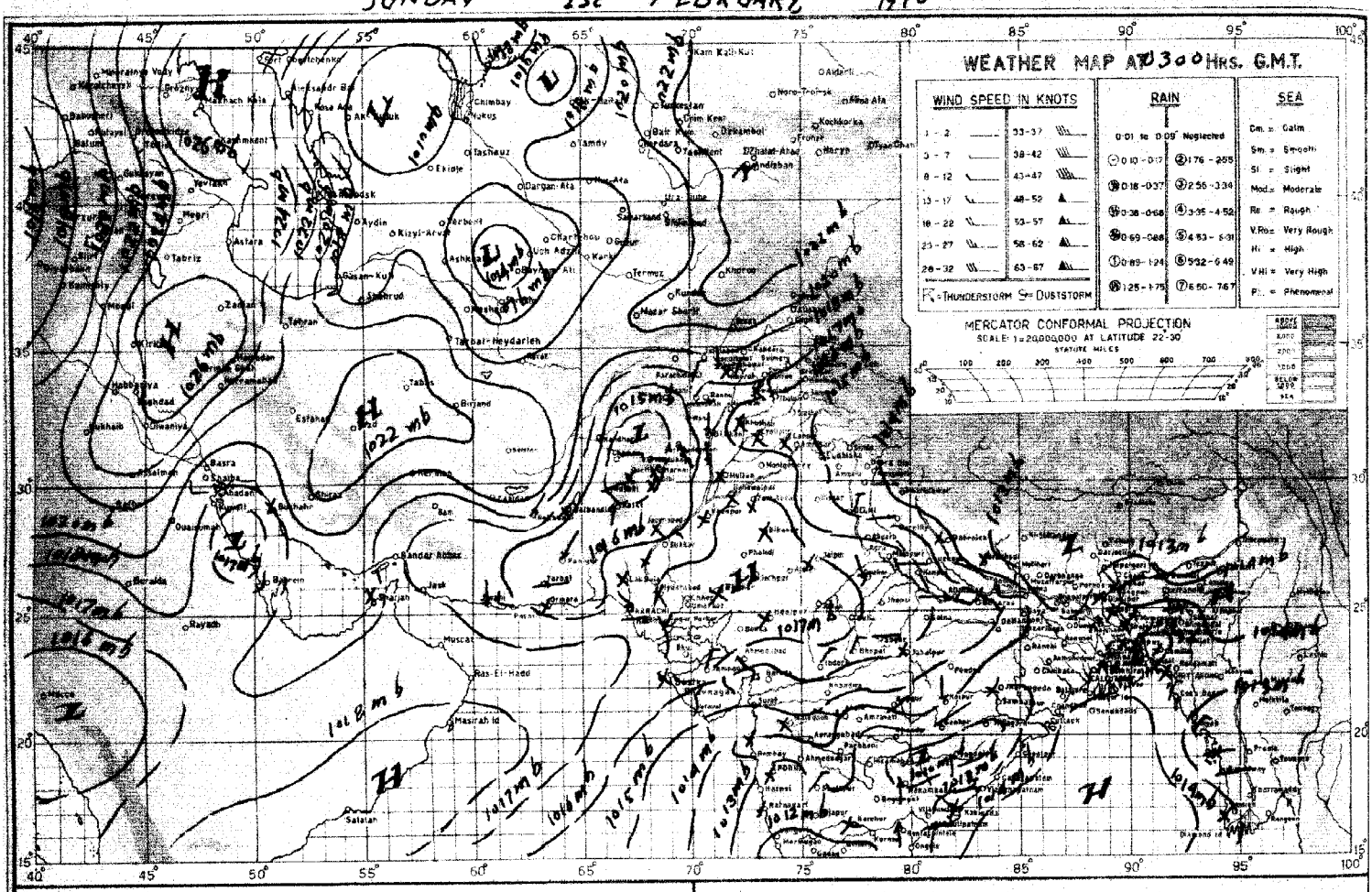
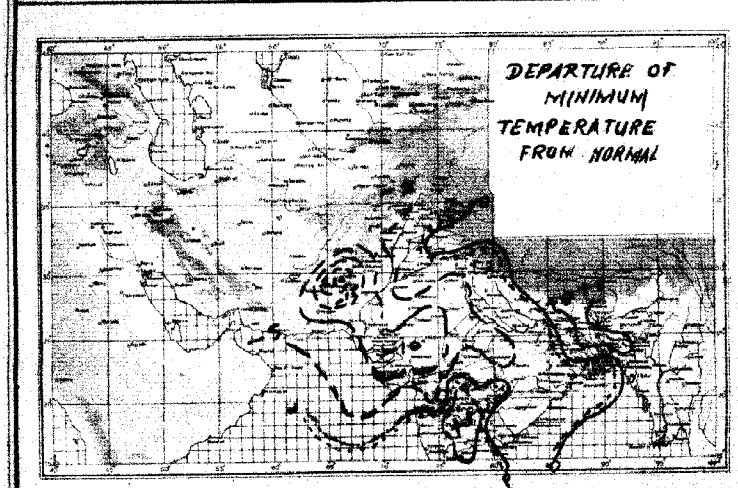
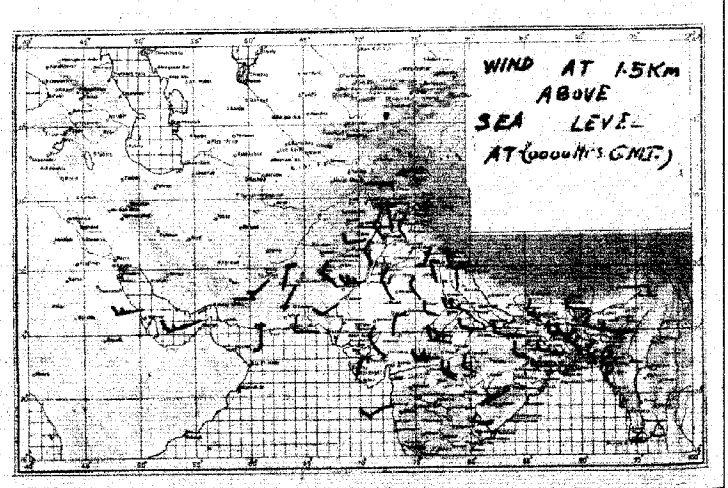
# PAKISTAN DAILY WEATHER MAP

SUNDAY 1st FEBRUARY 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 2nd FEBRUARY 1970.**

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

Yesterday's western disturbance is now moving across East Russian Turkistan while its associated trough lies over northern divisions of west Pakistan and has caused a few falls of snow over the hills in Peshawar division.

The westerly low pressure wave over west Bengal and adjoining areas in now moving away across Chittagong division and Assam. It has caused scattered rain in Khulna division and a few light falls in Dacca division.

Night temperatures were 3—7 °F (2—4 °C) above normal in East Pakistan and 3—8 °F (2—4 °C) below normal in Bahawalpur, D. I. Khan, Quetta, Kalat, Hyderabad and Khairpur divisions.

**Forecast valid until the evening of 3rd February 1970** :—A few thunderstorms/showers are likely to occur in East Pakistan and a few falls of snow over hills in Malakand division and Kashmir. Weather is likely to be dry elsewhere over west Pakistan.

Karachi-11
The 2nd February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 7 | 13 | 03 | // | 01 | 0 | 120 | 77 | 2 | 1 | 7 | 0 | 0 | 58 | 82 |
| | Cox's Bazar | — | 000 | 0 | 5 | 31 | 05 | // | 02 | 0 | 109 | 76 | 3 | 4 | 2 | 2 | 1 | 60 | 88 |
| | Chittagong | — | 000 | 0 | 2 | 31 | 02 | 96 | 01 | 2 | 110 | 76 | 3 | 0 | 9 | 3 | 0 | 52 | 80 |
| | Maijdee Court | — | 000 | 0 | 5 | 00 | 00 | // | 00 | 0 | 108 | 76 | 0 | 0 | 9 | 0 | 0 | 62 | 80 |
| | Comilla | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 127 | 76 | 0 | 0 | 9 | 0 | 0 | 60 | 80 |
| | Brahmanbaria | — | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 1 | 112 | 74 | 1 | 0 | 9 | 4 | 0 | 59 | 78 |
| | Sylhet | — | 000 | 0 | 0 | 27 | 03 | // | 01 | 0 | 107 | 72 | 2 | 0 | 9 | 3 | 0 | 55 | 77 |
| | Srimangal | — | 000 | 0 | 0 | 00 | 00 | // | // | / | 155 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| Dacca | Mymensingh | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 1 | 114 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 78 |
| | Narayanganj | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dacca (Tejgaon) | — | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 2 | 113 | 72 | 2 | 2 | 5 | 6 | 0 | 60 | 80 |
| | Faridpur | — | 003 | 0 | 5 | 48 | 00 | 96 | 02 | 6 | 110 | 72 | 5 | 5 | 5 | 0 | 0 | 58 | 78 |
| Khulna | Barisal | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 2 | 112 | 74 | 2 | 6 | 5 | 2 | 0 | 60 | 80 |
| | Khulna | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 156 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Satkhira | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 76 | / | / | / | / | 0 | 46 | 86 |
| | Jessore | — | 000 | 0 | 3 | 00 | 00 | // | 02 | 1 | 111 | 76 | 3 | 6 | 6 | 0 | 0 | 62 | 77 |
| Rajshahi | Pabna | — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 108 | 76 | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| | Sirajganj | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 134 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | // |
| | Rajshahi | — | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 1 | 109 | 75 | 1 | 5 | 5 | 0 | 0 | 62 | 80 |
| | Bogra | — | 000 | 0 | 0 | 00 | 00 | // | 03 | 0 | 110 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Dinajpur | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 105 | 74 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Rangpur | — | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 0 | 108 | 61 | 3 | 0 | 9 | 0 | 0 | 58 | 77 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 4 | 27 | 03 | 96 | 03 | 0 | 149 | 61 | 3 | 0 | 9 | 4 | 1 | 42 | 65 |
| | Sialkot | — | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | — | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| | Islamabad | — | ... | — | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| | Rawalpindi | — | ... | ... | ... | ... | ... | — | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 136 | 45 | 0 | 0 | 9 | 5 | 0 | 45 | 70 |
| | Sargodha | — | 000 | 0 | 6 | 23 | 03 | 97 | 02 | 1 | 134 | 66 | 1 | 0 | 9 | 3 | 0 | 39 | 70 |
| | Lyallpur | — | 000 | 0 | 0 | 29 | 02 | 95 | 00 | 0 | 134 | 60 | 0 | 0 | 9 | 0 | 0 | 39 | 66 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 5 | 18 | 02 | 97 | 03 | 0 | 141 | 65 | 2 | 0 | 9 | 4 | 1 | 51 | 70 |
| | Laiah | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 170 | 70 | 0 | 0 | 9 | 0 | 0 | 29 | 70 |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 137 | // | 3 | 0 | 9 | 3 | 0 | 53 | 68 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 158 | 65 | 0 | 0 | 9 | 0 | 0 | 48 | 70 |
| | Fort Abbas | — | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 157 | 65 | 0 | 0 | 9 | 0 | 0 | 47 | // |
| Malakand | Chakdra | — | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 112 | 41 | 0 | 0 | 9 | 0 | 0 | 34 | 61 |
| Peshawar | Peshawar | — | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 0 | 138 | 40 | 2 | 0 | 9 | 2 | 2 | 39 | 66 |
| | Haripur | — | 000 | 0 | 0 | 05 | 12 | 98 | 00 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | // | // |
| D. I. Khan | Bannu | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 136 | 66 | 0 | 0 | 9 | 0 | 0 | 32 | 70 |
| Quetta | Sibi | — | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 147 | 67 | 4 | 2 | 9 | 4 | 1 | 41 | 48 |
| | Nokkundi | — | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 140 | 61 | 0 | 0 | 9 | 0 | 0 | 27 | 41 |
| Kalat | Turbat | — | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 162 | 70 | 0 | 0 | 9 | 0 | 0 | 33 | 70 |
| | Jiwani | — | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 140 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 71 |
| | Pasni | — | 000 | 0 | 0 | 25 | 14 | 97 | 02 | 0 | 132 | 70 | 0 | 0 | 0 | 0 | 0 | 50 | 72 |
| Karachi division | Ormara | — | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 138 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 70 |
| | Lasbela | — | 000 | 0 | 0 | 23 | 01 | 98 | 00 | 0 | 119 | 77 | 0 | 0 | 8 | 0 | 0 | 42 | 79 |
| | Karachi (Manora) | — | 000 | 0 | 2 | 27 | 05 | 97 | 03 | 0 | 135 | 70 | 3 | 6 | 4 | 0 | 0 | 54 | 72 |
| | Karachi (Airport) | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 138 | 71 | 2 | 1 | 5 | 0 | 0 | 52 | 74 |
| Hyderabad | Nagarparkar | — | | | | | | | | | | | | | | | | | |
| | Chhor | — | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 130 | 73 | 0 | 0 | 9 | 0 | 0 | 30 | 76 |
| | Hyderabad | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 130 | 70 | 0 | 0 | 9 | 0 | 0 | 44 | 71 |
| | Badin | — | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 127 | 71 | 0 | 0 | 9 | 0 | 0 | 36 | 71 |
| Khairpur | Padidan | — | 000 | 0 | 3 | 18 | 05 | 96 | 03 | 0 | 124 | 70 | 0 | 3 | 7 | 2 | 0 | 32 | 71 |
| | Nawabshah | — | 000 | 0 | 5 | 18 | 05 | 96 | 03 | 0 | 127 | 72 | 0 | 0 | 9 | 3 | 0 | 50 | 74 |
| | Sukkur | — | 000 | 0 | 0 | 13 | 03 | 98 | 02 | 0 | 166 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 74 |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 130 | 68 | 5 | 0 | 9 | 1 | 0 | 47 | 69 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * | | | | | | | | | | | | | | | | | |
| | Gulmarg | ** | | | | | | | | | | | | | | | | | |
| | Sonamarg | ** | | | | | | | | | | | | | | | | | |
| | Dras | ** | | | | | | | | | | | | | | | | | |
| | Leh | ** | | | | | | | | | | | | | | | | | |
| | Skardu | * | | | | | | | | | | | | | | | | | |
| | Minger | ** | | | | | | | | | | | | | | | | | |
| | Aliabad | * | | | | | | | | | | | | | | | | | |
| | Gilgit | * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | * | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 495 | 43 | 7 | 0 | 9 | 3 | 0 | 32 | 49 |
| Peshawar | Cherat | * | 000 | 0 | 0 | 34 | 07 | 98 | 00 | 0 | 493 | 47 | 0 | 0 | 9 | 0 | 0 | 57 | 49 |
| | Kakul | * | 000 | 0 | 5 | 31 | 03 | 98 | 02 | 1 | /// | 62 | 0 | 0 | 9 | 0 | 0 | 29 | 65 |
| | Landikotal | * | 000 | 0 | 0 | 00 | 00 | 98 | 01 | 0 | 618 | 49 | 4 | 3 | 9 | 0 | 0 | 56 | 36 |
| | Parachinar | * | 000 | 0 | 6 | 00 | 00 | 98 | 02 | 2 | 486 | 42 | 3 | 5 | 6 | 7 | 7 | 29 | // |
| D. I. Khan | Miranshah | * | 000 | 0 | 0 | 05 | 08 | 99 | 00 | 0 | 449 | 34 | 0 | 0 | 9 | 0 | 0 | 39 | 39 |
| | Wana | * | 000 | 0 | 0 | 00 | 00 | 99 | 03 | 0 | 497 | 41 | 4 | 2 | 8 | 0 | 0 | 16 | 42 |
| Quetta | Fort Sandeman | * | 000 | 0 | 6 | 19 | 02 | 98 | 03 | 0 | 468 | 54 | 1 | 1 | 7 | 5 | 0 | // | 56 |
| | Hindubagh | * | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 22 | 32 |
| | Loralai | * | 000 | 0 | 0 | 27 | 01 | 98 | 00 | 0 | 490 | 34 | 0 | 0 | 9 | 0 | 0 | 33 | 48 |
| | Barkhan | * | | | | | | | | | | | | | | | | | |
| | Harnai | * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 457 | 59 | 0 | 0 | 9 | 0 | 0 | 32 | 61 |
| | Samungli (Quetta) | * | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 477 | 35 | 0 | 0 | 9 | 0 | 0 | 21 | 39 |
| | Chaman | * | 000 | 0 | 0 | 27 | 05 | 97 | 00 | 0 | 454 | 40 | 0 | 0 | 9 | 0 | 0 | 27 | 50 |
| | Nushki | * | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 538 | 31 | 0 | 0 | 9 | 0 | 0 | 33 | // |
| | Dalbandin | * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 1 | 493 | 54 | 2 | 0 | 9 | 2 | 0 | 27 | 55 |
| Kalat | Kalat | * | 000 | 0 | 0 | 23 | 03 | 98 | 00 | 2 | 427 | 45 | 0 | 0 | 9 | 0 | 0 | 13 | 56 |
| | Khuzdar | * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 488 | 61 | 0 | 0 | 9 | 0 | 0 | // | 62 |
| | Panjgur | * | 000 | 0 | 0 | 23 | 02 | 97 | 01 | 0 | 478 | 40 | 0 | 0 | 9 | 0 | 0 | 34 | 61 |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 4 | 189 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 62 | — | — | — | — | — | — |
| | Cox's Bazar | 000 | 0 | 2 | 05 | 06 | 96 | 02 | 0 | 154 | 69 | 0 | 0 | 9 | 0 | 3 | 59 | 60 | 0 | + 3 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 158 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | 0 | + 7 | 0.7 | — 2.5 | 0.0 | 108 |
| | Maijdee Court | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 2 | 158 | 73 | 0 | 0 | 9 | 2 | 0 | 59 | 59 | + 1 | — 1 | 1.0 | — 1.1 | 0.7 | 115 |
| | Comilla | 000 | 0 | 0 | 05 | 05 | 97 | 00 | 0 | 163 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | 0 | + 6 | 1.3 | — 0.7 | 0.3 | 94 |
| | Brahmanbaria | 000 | 0 | 4 | 09 | 09 | 96 | 07 | 0 | 154 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | — | — | 3.6 | — | 2.1 | 78 |
| | Sylhet | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Srimangal | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 153 | 77 | 0 | 0 | 9 | 2 | 0 | 59 | 47 | — | — 2 | — | — | — | 98 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | | | | | 91 |
| | Narayanganj | 000 | 0 | 1 | 31 | 02 | 97 | 02 | 1 | 156 | 60 | 1 | 6 | 7 | 0 | 0 | 54 | 60 | — | + 4 | — | — | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 36 | 05 | 96 | 05 | 4 | 159 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 59 | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | 003 | 0 | 2 | 34 | 02 | 97 | 01 | 1 | 157 | 60 | 2 | 4 | 6 | 0 | 0 | 54 | 60 | + 1 | + 7 | 2.3 | + 0.4 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 6 | 00 | 09 | 97 | 02 | 0 | 159 | 65 | 3 | 4 | 4 | 2 | 0 | 60 | 58 | — 3 | + 1 | — | — | — | 81 |
| | Khulna | 010 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 155 | 73 | 2 | 2 | 5 | 0 | 0 | 56 | 62 | — 1 | + 8 | 1.5 | — 0.3 | 0.1 | 48 |
| | Satkhira | 003 | 0 | 2 | 36 | 07 | 97 | 00 | 0 | 162 | 65 | 2 | 0 | 0 | 1 | 0 | 54 | 59 | + 4 | + 5 | 0.2 | — 1.5 | 0.1 | 44 |
| | Jessore | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 1 | 156 | 69 | 1 | 6 | 7 | 0 | 0 | 54 | 60 | — | — | 2.4 | + 0.9 | 1.8 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 157 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | — | 2.9 | — | 1.9 | 89 |
| | Sirajganj | 000 | 0 | 4 | 05 | 02 | 98 | 02 | 2 | 162 | 64 | 4 | 0 | 7 | 4 | 0 | 51 | 58 | — | + 6 | 1.9 | + 3.3 | 1.4 | 64 |
| | Rajshahi | 000 | 0 | 2 | 36 | 03 | 97 | 01 | 1 | 171 | 64 | 0 | 0 | 9 | 0 | 0 | 50 | 56 | + 3 | + 4 | — | — | — | — |
| | Bogra | 000 | 0 | 3 | 36 | 02 | 96 | 02 | 1 | 164 | 64 | 3 | 0 | 9 | 7 | 0 | 49 | 56 | + 1 | + 3 | 1.7 | + 0.4 | 0.5 | 80 |
| | Dinajpur | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 169 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 51 | + 2 | 0 | 1.6 | + 0.7 | 0.8 | 73 |
| | Rangpur | 000 | 0 | 1 | 13 | 02 | 96 | 01 | 0 | 151 | 64 | 1 | 0 | 9 | 1 | 0 | 59 | 54 | + 2 | + 4 | 2.3 | + 1.3 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | 156 | 45 | 0 | 0 | 9 | 0 | 7 | 40 | 41 | — 4 | 0 | 0.7 | — 0.9 | 0.7 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 163 | 45 | 1 | 0 | 9 | 4 | 6 | 43 | 43 | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 56 | 02 | 0 | /// | 45 | 4 | 5 | 6 | 0 | 0 | 40 | 40 | — | — | 5.8 | — | 5.5 | — |
| | Rawalpindi | 000 | 0 | 1 | 00 | 00 | 96 | 00 | 0 | 168 | 41 | 0 | 0 | 9 | 0 | 0 | 40 | 38 | — | — 1 | 2.9 | — 1.3 | 2.7 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 15 |
| | Sargodha | 000 | 0 | 1 | 31 | 03 | 96 | 04 | 0 | 161 | 50 | 7 | 0 | 9 | 3 | 0 | 38 | 42 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 152 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 40 | — 1 | — 1 | 0.1 | — 0.3 | 0.3 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 7 |
| | Laiah | 000 | 0 | 0 | 00 | 00 | 92 | 00 | 0 | 302 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 38 | — 1 | — | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 40 | — 3 | — 4 | 0.0 | — 0.4 | 0.0 | 4 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 1 | 00 | 00 | 58 | 01 | 0 | 156 | 40 | 0 | 0 | 9 | 0 | 3 | 35 | 33 | — | — | — | — | — | — |
| Peshawar | Peshawar | 000 | 0 | 0 | 00 | 00 | 98 | 01 | 2 | 160 | 42 | 1 | 0 | 9 | 3 | 0 | 32 | 40 | — 3 | — | — | — | — | 11 |
| | Haripur | 000 | 0 | 4 | 05 | 03 | 97 | 03 | 2 | 163 | // | 4 | 0 | 9 | 3 | 0 | 35 | 38 | — | — | 2.9 | — | 1.9 | — |
| D. I. Khan | Bannu | 000 | 0 | 3 | 27 | 02 | 99 | 02 | 1 | 165 | 44 | 0 | 0 | 9 | 2 | 0 | 29 | 41 | — | — | 0.6 | — | 0.1 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 166 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 38 | + 2 | — 4 | 1.1 | + 0.2 | 1.1 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 183 | 40 | 0 | 0 | 9 | 0 | 0 | 39 | 36 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 246 | 37 | 0 | 0 | 9 | 0 | 0 | 32 | 34 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 230 | 52 | 0 | 0 | 9 | 0 | 0 | 33 | 46 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 0 | 36 | 02 | 96 | 03 | 0 | 173 | 56 | 0 | 0 | 9 | 0 | 0 | 48 | 56 | — | — | 5.7 | — | 7.9 | 5 |
| | Pasni | 000 | 0 | 0 | 29 | 04 | 97 | 07 | 0 | 173 | 52 | 0 | 0 | 9 | 0 | 0 | 48 | // | — 2 | — | 2.5 | — 1.6 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 176 | 40 | 0 | 0 | 9 | 0 | 0 | 46 | // | — | — | 3.3 | — 0.2 | 2.3 | 6 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 159 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — 2 | 0 | 0.3 | — 0.4 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 150 | 51 | 0 | 0 | 9 | 0 | 0 | 47 | 46 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Chhor | 000 | 0 | 0 | 03 | 02 | 96 | 02 | 0 | 158 | 42 | 0 | 0 | 9 | 0 | 0 | 28 | 40 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 160 | 53 | 0 | 0 | 9 | 0 | 0 | 41 | 47 | — 6 | — 4 | 0.1 | — 0.1 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 31 | 04 | 97 | 02 | 0 | 168 | 48 | 0 | 0 | 9 | 0 | 0 | 36 | 43 | — | — 9 | 0.1 | — 0.4 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 03 | 96 | 08 | 0 | 171 | 42 | 0 | 0 | 9 | 0 | 0 | 35 | 36 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 184 | 44 | 0 | 0 | 9 | 0 | 0 | 41 | 34 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 00 | 00 | 94 | 05 | 4 | 173 | 50 | 0 | 0 | 9 | 0 | 0 | 39 | 44 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 170 | 47 | 0 | 0 | 9 | 0 | 0 | 35 | 43 | — 2 | — 3 | 0.1 | — 0.3 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 21 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Minger | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 30 |
| Peshawar | Cherat | 000 | 0 | 0 | 08 | 02 | 98 | 08 | 0 | 482 | 41 | 0 | 0 | 9 | 0 | 0 | 18 | 40 | — 6 | + 3 | 1.9 | — 2.7 | 1.3 | — |
| | Kakul | 000 | 0 | 0 | 09 | 07 | 97 | 03 | 7 | 483 | 43 | 3 | 6 | 6 | 7 | 0 | // | 35 | — | — | 4.2 | — | 3.1 | — |
| | Landikotal | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 4 | 616 | 37 | 4 | 3 | 9 | 0 | 0 | // | 37 | — | — | 0.9 | — | 0.1 | 29 |
| | Parachinar | 000 | 0 | 0 | 02 | 02 | 95 | 02 | 0 | /// | 00 | 0 | 0 | 9 | 8 | 0 | 27 | 27 | — 1 | — 3 | 1.3 | — | 0.7 | 13 |
| D. I. Khan | Miranshah | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 454 | 33 | 3 | 0 | 0 | 4 | 0 | 19 | // | — | — | 0.0 | — 1.7 | 0.0 | 11 |
| | Wana | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 483 | 34 | 0 | 0 | 9 | 0 | 0 | 18 | 20 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 499 | 31 | 0 | 0 | 9 | 0 | 0 | 22 | 28 | — 3 | — 7 | 0.4 | — 1.9 | 0.1 | — |
| | Hindubagh | 000 | 0 | 0 | 24 | 03 | 97 | 02 | 0 | /// | 14 | 0 | 0 | 9 | 0 | 0 | 14 | // | — | — | 1.1 | — | 0.9 | 9 |
| | Loralai | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 495 | 18 | 0 | 0 | 9 | 0 | 0 | 25 | 26 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| | Harnai | 000 | 0 | 0 | 09 | 00 | 96 | 02 | 0 | 449 | 28 | 0 | 0 | 9 | 0 | 0 | 27 | 37 | — | — | 0.5 | — 1.3 | 0.5 | 9 |
| | Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 513 | 21 | 0 | 0 | 9 | 0 | 0 | 19 | 02 | — | — | 1.8 | — 1.4 | 1.2 | 9 |
| | Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 467 | 37 | 0 | 0 | 9 | 0 | 0 | 37 | 33 | — | — 7 | 6.3 | + 2.9 | 6.3 | — |
| | Nushki | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 568 | 36 | 0 | 0 | 9 | 0 | 0 | 17 | 35 | — | — | 1.8 | — | 1.7 | 4 |
| | Dalbandin | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 533 | 35 | 0 | 0 | 9 | 0 | 0 | 21 | 38 | — 9 | — 8 | 2.3 | + 0.6 | 2.2 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 27 | 02 | 58 | 08 | 2 | 529 | 26 | 0 | 0 | 9 | 0 | 0 | 21 | 21 | — 8 | — 8 | 0.8 | — 1.7 | 0.8 | — |
| | Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 507 | 41 | 0 | 0 | 9 | 0 | 0 | 14 | 23 | — | — | 1.0 | — | 1.0 | 8 |
| | Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_gt_g$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| British Robin | 99 1 73 | 10 6 44 | 01 1 83 | 60 2 15 | 99 0 30 | 13 6 22 | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o T_oT_oT_o D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels — hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 010 156 22 | ... | 490 106 50 | 082 006 58 | 575 059 56 | 747 189 58 | 956 34/ 58 | 22/ 535 // | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 012 164 30 | ... | 400 125 06 | 087 009 58 | 577 055 59 | 750 135 58 | 942 309 62 | 239 481 // | 423 605 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 011 100 45 | ... | 400 014 60 | 981 061 // | 558 141 // | 724 251 // | 944 395 // | ... | 402 425 // | 695 44/ // | ... | ... | ... |
| Multan ... | 00 00 | 808 030 20 | ... | 420 050 // | 021 08/ // | 559 201 // | /// 241 // | 928 335 // | 208 405 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 872 050 28 | ... | | 115 065 36 | 565 239 // | 724 373 // | 918 387 // | 182 513 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 999 098 57 | ... | 40/ 040 50 | 026 045 58 | 561 145 // | /// 297 // | 924 397 // | 097 571 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m d_md_m f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{tt}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 :6 19 | ... | 608 015 37 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 3 5 8/ | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 190 04 | 205 05 | 230 06 | 345 13 | 245 73 | ... | ... | --- | ... |
| Bogra ... | 230 04 | 239 04 | 250 06 | 280 11 | 260 27 | 270 35 | 275 45 | ... | --- |
| Chaklala ... | --- | 260 05 | 245 02 | 310 02 | 290 06 | 290 10 | 305 10 | 315 11 | 345 11 |
| Chhor ... | 060 02 | 120 02 | 125 03 | 265 05 | 265 11 | 285 26 | 270 40 | 280 39 | 285 74 |
| Chittagong ... | 325 06 | 310 07 | 320 03 | 340 09 | 270 12 | --- | ... | --- | ... |
| Cherat ... | ... | ... | ... | --- | ... | ... | --- | --- | ... |
| Cox's Bazar ... | 320 15 | 320 15 | 210 13 | 200 05 | 295 12 | 300 11 | --- | ... | ... |
| Dacca ... | 275 02 | 230 07 | 325 04 | 240 06 | 255 12 | 280 25 | --- | ... | |
| Dalbandin ... | ... | | 105 01 | 299 04 | 290 08 | 290 19 | 255 30 | 260 21 | 251 16 |
| D. I. Khan ... | 225 07 | 325 08 | 230 10 | 235 14 | 205 06 | 275 06 | 280 20 | 215 35 | 265 47 |
| Drosh ... | --- | --- | --- | --- | ... | ... | ... | ... | --- |
| Fort Sandeman ... | ... | ... | ... | 045 01 | 320 04 | 410 14 | 230 31 | ... | ... |
| Gilgit ... | ... | ... | | 035 06 | 035 07 | --- | ... | ... | ... |
| Ishurdi ... | 020 01 | 015 02 | 350 05 | 305 08 | 315 10 | ... | ... | ... | ... |
| Jacobabad ... | 135 02 | 180 02 | 185 04 | 240 08 | 255 12 | 280 22 | ... | ... | ... |
| Jessore ... | ... | --- | --- | | ... | ... | ... | ... | ... |
| Jhelum ... | 280 01 | 285 01 | 290 02 | 085 03 | 125 07 | 105 07 | 225 18 | 285 23 | 285 34 |
| Jiwani ... | 265 07 | 271 13 | 280 17 | 145 20 | 295 20 | 275 34 | 260 81 | 275 59 | 280 46 |
| Karachi ... | 250 13 | 062 09 | 270 10 | 281 4 | 275 21 | 275 24 | 270 43 | ... | 270 81 |
| Khanpur ... | 125 02 | 165 30 | 190 20 | 280 20 | --- | ... | --- | --- | ... |
| Khuzdar ... | | --- | --- | 285 14 | 245 04 | 230 17 | 315 07 | ... | ... |
| Lahore ... | 295 04 | 330 07 | 300 08 | 075 04 | 075 08 | 020 03 | 085 07 | 295 19 | 285 21 |
| Multan ... | 195 03 | 135 03 | 165 03 | 045 02 | 290 11 | 280 34 | ... | ... | . |
| Nawab Shah ... | 170 12 | 190 08 | 205 09 | 230 15 | 765 21 | 285 27 | ... | ... | ... |
| Nokkundi ... | ... | .. | 280 10 | 320 12 | 310 22 | 280 13 | 010 07 | 360 10 | 005 17 |
| Panjgur ... | --- | | | | ... | ... | ... | .. | ... |
| Peshawar ... | ... | 360 02 | 365 05 | 330 04 | 200 03 | 140 08 | ... | ... | --- |
| Parachinar ... | ... | -- | -- | 350 02 | 135 03 | --- | 240 23 | ... | ... |
| Quetta ... | ... | ... | ... | ... | 180 04 | 225 10 | 260 35 | 245 60 | ... |
| Sargodha ... | 240 06 | 275 04 | 290 04 | 235 02 | 075 07 | 055 06 | 060 11 | | ... |
| Skardu ... | --- | ... | | 193 01 | 245 04 | 109 30 | 171 02 | 275 05 | 150 09 |
| Sylhet ... | 260 08 | 240 09 | 265 10 | 280 12 | 240 23 | 265 21 | .. | --- | --- |
| Veraval ... | ... | --- | -- | ... | ... | . | --- | .. | --- |

At 0000 hrs. G.M.T.† of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 275 10 | 275 08 | 225 05 | 255 04 | 275 14 | ... |
| Bogra ... | 360 15 | 343 10 | 290 39 | 325 10 | 280 25 | 265 14 |
| Chaklala ... | ... | 280 01 | 275 01 | 097 06 | 090 08 | 110 06 |
| Chhor ... | 025 10 | 025 09 | 015 27 | 335 13 | 305 14 | 146 15 |
| Chittagong ... | --- | --- | ... | ... | --- | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 015 10 | 010 12 | 025 10 | 035 09 | 045 07 | ... |
| Dacca ... | 360 08 | 360 11 | 335 13 | | | ... |
| Dalbandin ... | ... | ... | 075 04 | 065 10 | 040 18 | 335 34 |
| D. I. Khan ... | 325 23 | 325 03 | 320 02 | 020 01 | 020 02 | 363 04 |
| Drosh ... | . | --- | --- | 026 10 | 075 03 | ... |
| Fort Sandeman ... | No | Ascent | ... | ... | ... | ... |
| Gilgit ... | No | Ascent | --- | ... | --- | --- |
| Ishurdi ... | 260 10 | --- | --- | ... | --- | |
| Jacobabad ... | 065 03 | 085 03 | 150 03 | 205 03 | 225 10 | 255 11 |
| Jessore ... | 020 16 | 030 19 | 050 10 | 210 10 | 250 14 | 275 23 |
| Jhelum ... | 285 06 | 280 06 | 235 04 | 230 04 | 255 04 | 240 10 |
| Jiwani ... | 045 14 | 050 16 | 050 19 | 045 16 | 350 10 | 335 10 |
| Karachi ... | ... | ... | ... | ... | --- | ... |
| Khanpur ... | 080 02 | 085 02 | 045 02 | 225 02 | 145 01 | 305 29 |
| Khuzdar ... | ... | | --- | 335 11 | 205 11 | 305 34 |
| Lahore ... | 280 13 | 285 15 | 295 70 | 360 06 | 205 93 | 265 17 |
| Multan ... | 235 10 | 220 01 | 325 10 | 275 20 | 270 10 | 285 03 |
| Nawab Shah ... | 335 10 | 330 18 | 325 16 | 350 17 | 325 18 | 300 22 |
| Nokkundi ... | ... | .. | 140 11 | 345 75 | 310 13 | 325 19 |
| Panjgur ... | ... | . | ... | ... | ... | ... |
| Peshawar ... | ... | 240 03 | 182 02 | 320 08 | 010 08 | 015 07 |
| Parachinar ... | ... | --- | ... | 275 07 | 130 01 | ... |
| Quetta ... | ... | | | | ... | ... |
| Sargodha ... | 330 08 | 235 13 | 230 08 | 015 02 | 310 08 | 310 09 |
| Skardu ... | ... | . | ... | | .. | ... |
| Sylhet ... | 175 10 | 280 15 | ... | --- | ... | ... |
| Veraval ... | --- | --- | ... | --- | --- | --- |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 265 03 | 360 04 | 295 06 | 240 00 | 235 09 | 285 12 | ... | --- | - | --- | ... |
| Bogra ... | 250 08 | 290 10 | 280 13 | 235 10 | .. | --- | --- | ... | --- | ... | ... |
| Chaklala ... | ... | 280 11 | 235 01 | 000 00 | 097 06 | | | ... | ... | ... | ... |
| Chhor ... | 044 04 | 025 08 | 025 10 | 225 12 | 340 14 | 325 30 | 287 56 | 273 60 | 285 73 | 295 80 | --- |
| Chittagong ... | 080 06 | 340 04 | 340 07 | 275 15 | 280 29 | 270 36 | 270 46 | 350 57 | ... | ... | ... |
| Cherat ... | 180 07 | 015 06 | 015 06 | 025 04 | 025 05 | 360 18 | 360 12 | 320 06 | 275 04 | ... | ... |
| Cox's Bazar ... | 080 09 | 050 03 | 275 09 | 250 17 | 255 17 | 275 26 | 283 28 | 290 39 | 300 47 | 270 82 | 270 99 |
| Dacca ... | ... | - | ... | .. | .. | --- | .. | ... | --- | ... | ... |
| Dalbandin ... | .. | ... | -- | .. | ... | --- | ... | --- | ... | ... | ... |
| D. I. Khan ... | ... | --- | --- | - | ... | ... | ... | ... | --- | - | --- |
| Drosh ... | --- | --- | ... | ... | ... | ... | ... | --- | --- | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | 030 07 | 045 05 | 160 04 | 240 10 | 340 19 | 275 20 | 285 29 | ... | --- | - | ... |
| Ishurdi ... | 340 08 | 355 11 | 355 15 | 360 15 | 345 18 | 380 19 | 340 25 | 320 32 | ... | | |
| Jacobabad ... | 060 05 | 245 07 | 240 10 | 260 10 | 260 21 | 285 23 | 290 30 | 315 13 | 285 60 | 260 78 | 258 85 |
| Jessore ... | ... | ... | --- | --- | ... | ... | ... | ... | ... | ... | -- |
| Jhelum ... | 025 16 | 025 19 | 030 19 | 035 19 | 355 16 | 395 12 | 310 31 | 285 37 | 275 39 | -- | ... |
| Jiwani ... | 035 12 | 035 17 | 030 17 | 020 13 | 305 21 | 315 35 | 285 30 | 785 30 | 275 39 | - | ... |
| Karachi ... | ... | ... | ... | ... | --- | ... | --- | ... | ... | ... | ... |
| Khanpur ... | | | | | | | | | | | |
| Khuzdar ... | 300 00 | 185 13 | 285 10 | 295 10 | 310 30 | 330 00 | 305 16 | 305 19 | 295 22 | 270 22 | 285 25 |
| Lahore ... | 200 07 | 225 05 | 270 02 | 315 07 | 345 09 | 325 12 | 290 23 | 300 35 | 295 44 | 295 46 | 300 74 |
| Multan ... | 020 10 | 360 12 | 010 14 | 291 00 | 330 17 | 286 21 | 300 42 | 380 19 | 285 64 | -- | -- |
| Nawab Shah ... | ... | --- | 170 10 | 225 02 | 005 06 | 330 24 | 295 19 | ... | ... | - | - |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | --- | ... | ... | ... | ... |
| Panjgur ... | - | 035 05 | 360 03 | 310 12 | 335 11 | 350 07 | 320 10 | 295 17 | 295 20 | 190 31 | 288 17 |
| Peshawar ... | ... | ... | --- | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | | 295 04 | 330 19 | 315 36 | 310 08 | ... | ... | --- |
| Quetta ... | 280 05 | 270 06 | 285 06 | 330 03 | 320 05 | 380 10 | ... | .. | - | ... | |
| Sargodha ... | ... | ... | ... | | | | .. | ... | - | ... | ... |
| Skardu ... | 115 05 | 115 02 | 180 02 | 255 06 | 200 17 | 275 21 | 275 45 | 270 48 | - | ... | ... |
| Sylhet ... | ... | ... | ... | ... | --- | --- | ... | - | --- | ... | ... |
| Veraval ... | .. | --- | --- | ... | ... | - | --- | ... | ... | ... | .. |

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

| Heights in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | -.4 | 6.0 | 7.2 | 9.0 | 10.3 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 24.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 300 14 | 295 18 | 325 15 | 335 17 | 385 19 | 280 30 | 275 56 | 265 58 | 280 80 | 290 90 | 280 81 | ... | ... | | ... | ... | ... | ... |
| 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.

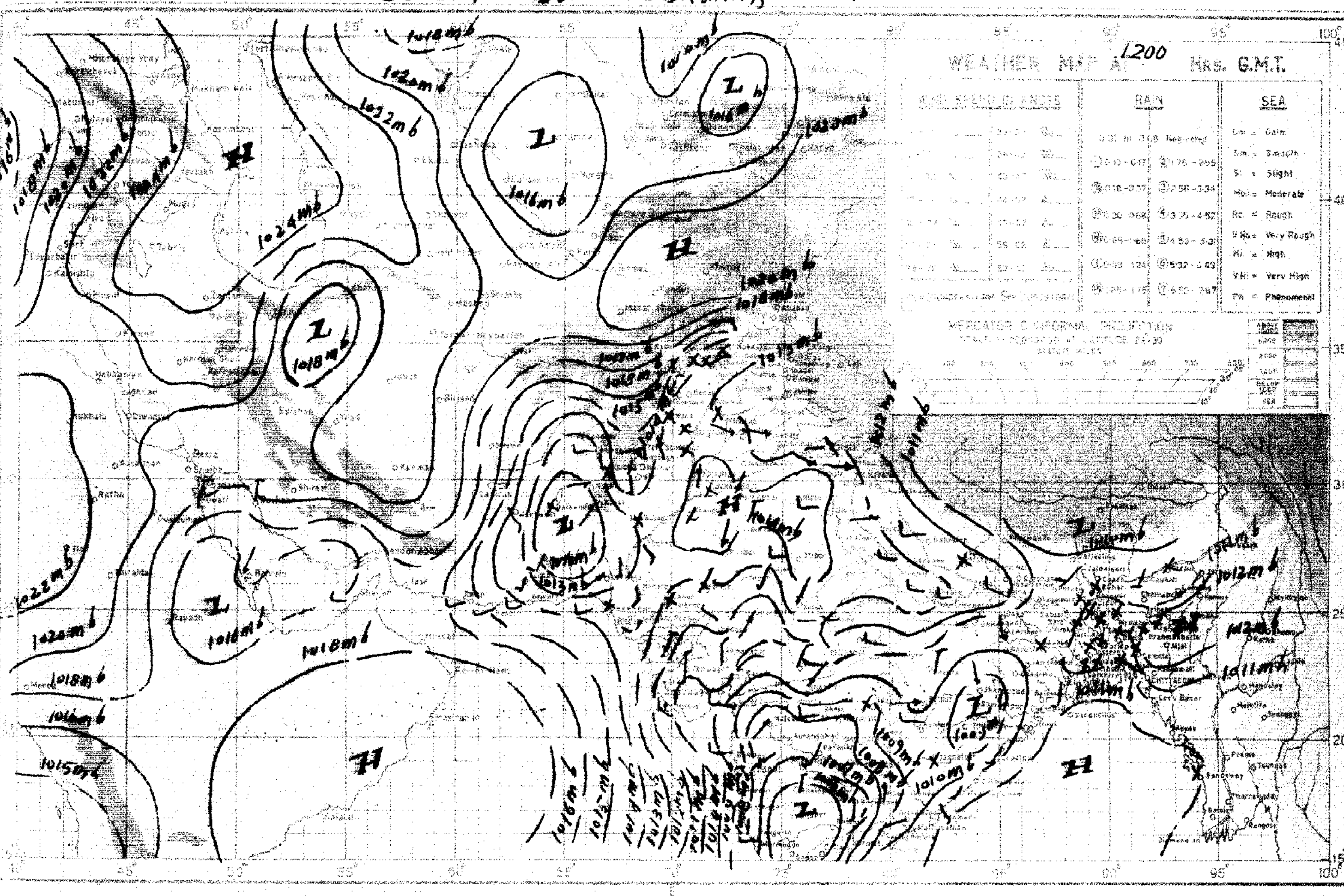
† The actual time of observations may vary within half an hour of the specified time.

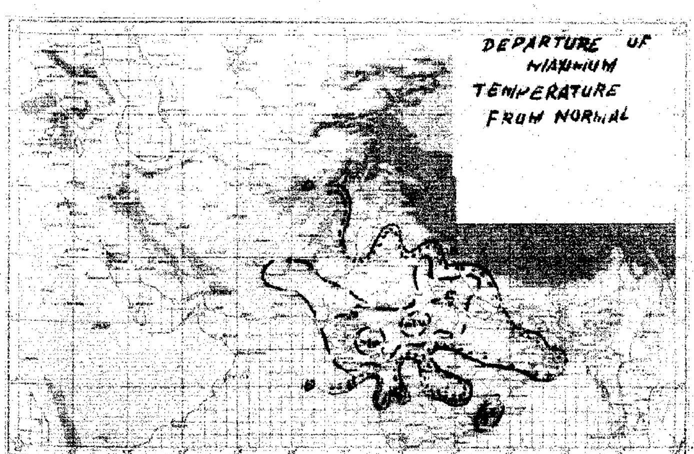
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

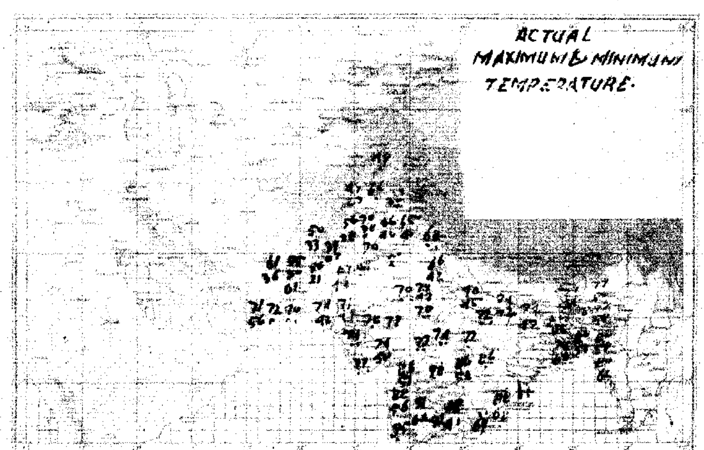
The accuracy of individual entries in this report cannot me be guaranteed. Corrections obtained. If necessary on application to the Meteorologist. Weather Centre Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SUNDAY 1st FEBRUARY, 1970



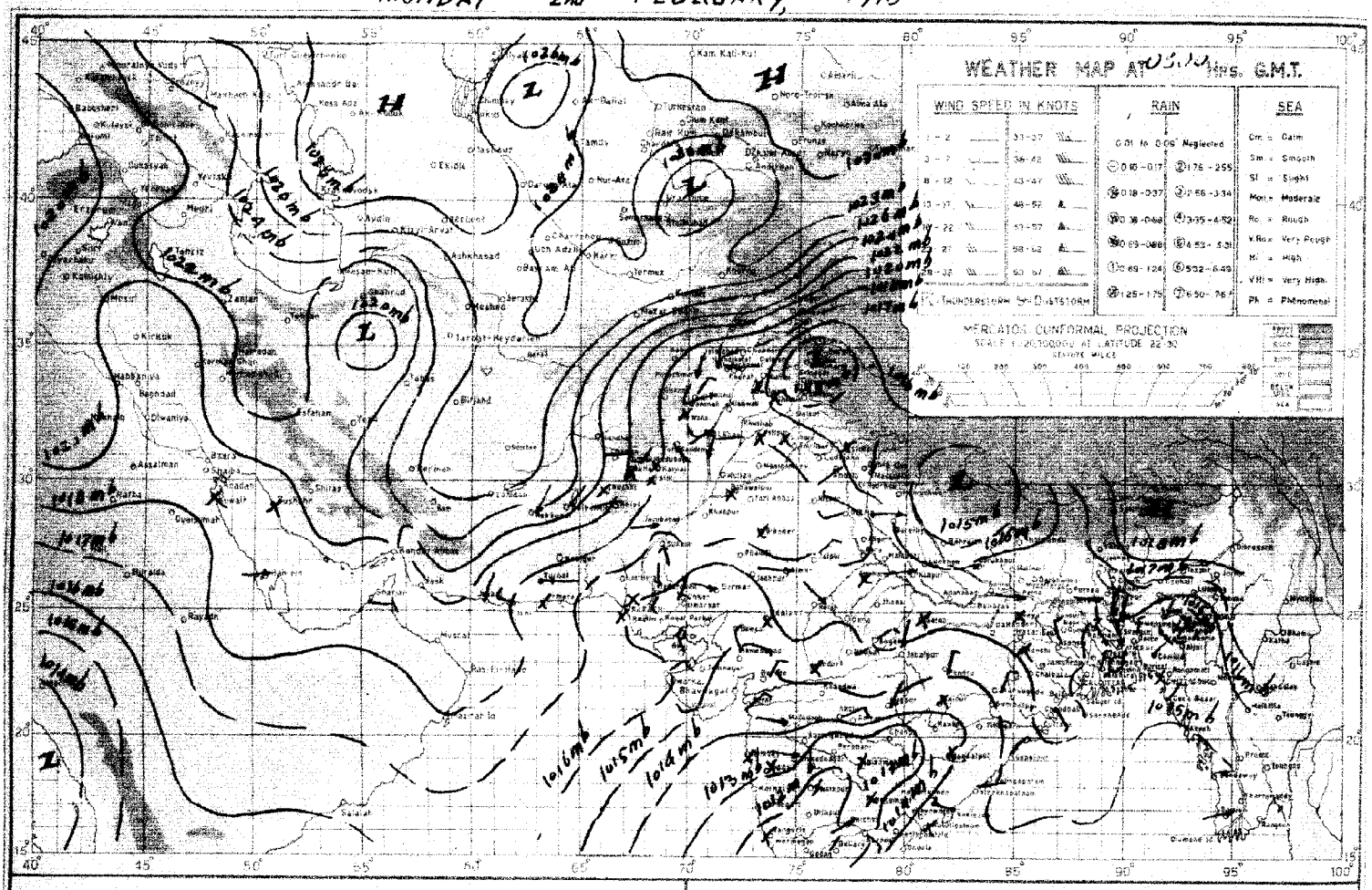



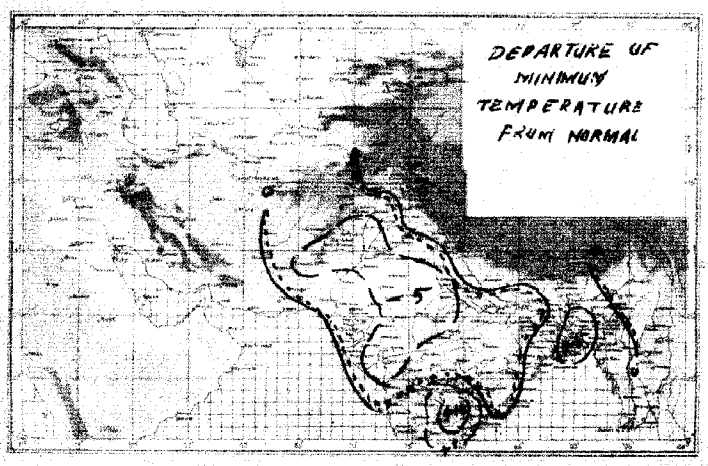



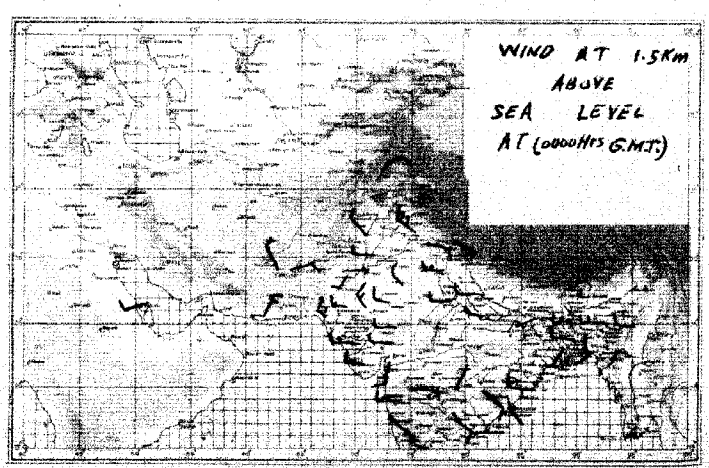

PRINTED BY THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

MONDAY 2nd FEBRUARY, 1970



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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**TUESDAY THE 3rd FEBRUARY 1970.**

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

Yesterday's trough of low pressure over northern divisions of West Pakistan moved away northeastwards after causing scattered rain in Peshawar division. Weather remained dry elsewhere over West Pakistan, Kalat recorded ½" of rainfall.

A fresh western disturbance is moving across northwest of Afghanistan while its associated secondary lies over south east Iran.

The westerly low pressure wave over Chittagong division and Assam moved away east wards. A fresh one now lies over Chota Nagpur and adjoining Bihar. Dry weather prevailed over East Pakistan.

Night temperatures were 3—5 °F (2—3 °C) above normal in Dacca, Khulna, Rajshahi and Multan divisions and were 3—8 °F (2—4 °C) below normal in Lahore, Sargodha, Bahawalpur, Quetta, Kalat and Hyderabad divisions.

**Forecast valid until the evening of 4th February 1970 :—** A few thunderstorms/showers are likely to occur in Khulna and Rajshahi divisions. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 3rd February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 2 | 27 | 01 | // | 61 | 0 | 138 | 77 | 2 | 1 | 7 | 0 | 0 | 52 | 86 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 08 | // | 02 | 0 | 133 | 73 | 0 | 0 | 9 | 0 | 0 | 66 | 84 |
| | Chittagong | 000 | 0 | 6 | 27 | 04 | 96 | 03 | 2 | 139 | 75 | 3 | 5 | 4 | 3 | 0 | 62 | 77 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 140 | 75 | 0 | 0 | 9 | 0 | 0 | 62 | 84 |
| | Brahmanbaria | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 1 | 136 | 73 | 0 | 0 | 9 | 0 | 7 | 64 | 83 |
| | Sylhet | 000 | 0 | 2 | 00 | 00 | // | 01 | 0 | 133 | 73 | 2 | 5 | 5 | 0 | 0 | 59 | 78 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 131 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 72 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 121 | 73 | 0 | 0 | 0 | 0 | 0 | 59 | 78 |
| | Narayanganj | 000 | 0 | 2 | 23 | 02 | // | 00 | 0 | 138 | 75 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 27 | 02 | 96 | 01 | 0 | 134 | 75 | 0 | 0 | 9 | 0 | 0 | 52 | 80 |
| | Faridpur | 000 | 0 | 0 | 18 | 00 | 93 | 00 | 0 | 134 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 2 | 137 | 75 | 3 | 6 | 5 | 0 | 0 | 64 | 82 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 073 | 75 | 0 | 0 | 9 | 0 | 0 | 73 | 85 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 144 | 71 | 0 | 0 | 9 | 0 | 0 | 66 | 83 |
| | Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 144 | 69 | 0 | 0 | 9 | 0 | 0 | 53 | 80 |
| | Sirajganj | 000 | 0 | 0 | 18 | 02 | // | 00 | 0 | 136 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 75 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 1 | 137 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 75 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 140 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 77 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 141 | 66 | 0 | 0 | 9 | 0 | 0 | 57 | 75 |
| | Rangpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 106 | 63 | 1 | 0 | 9 | 1 | 0 | 58 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 161 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 66 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 130 | 56 | 0 | 0 | 9 | 0 | 0 | 48 | 63 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | /// | 60 | 5 | 4 | 0 | 0 | 0 | 31 | 62 |
| | Rawalpindi | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 161 | 60 | 1 | 2 | 9 | 0 | 0 | 33 | 64 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sargodha | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 160 | 69 | 0 | 0 | 9 | 0 | 0 | 30 | 69 |
| | Lyallpur | 000 | 0 | 0 | 29 | 02 | 95 | 00 | 0 | 156 | 64 | 0 | 0 | 9 | 0 | 0 | 41 | 67 |
| Multan | Sahiwal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 158 | 64 | 2 | 0 | 9 | 0 | 0 | 30 | 71 |
| | Multan | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 181 | 72 | 0 | 0 | 9 | 0 | 0 | 34 | 72 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 162 | 72 | 0 | 0 | 9 | 0 | 0 | 33 | 74 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 168 | 66 | 0 | 0 | 9 | 0 | 0 | 35 | 71 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 152 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 72 |
| Malakand | Chakdra | 000 | 0 | 1 | 23 | 02 | 98 | 01 | 0 | 153 | 60 | | 1 | 6 | 0 | 0 | 43 | 63 |
| Peshawar | Peshawar | 0.0 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 155 | 67 | 1 | 1 | 6 | 0 | 0 | 36 | 67 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | 000 | 0 | 0 | 05 | 03 | 99 | 00 | 1 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 30 | 68 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 163 | 69 | 0 | 0 | 9 | 0 | 0 | 38 | // |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 164 | 75 | 0 | 0 | 9 | 0 | 0 | 46 | 76 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 185 | 63 | 4 | 0 | 9 | 3 | 0 | 29 | 65 |
| Kalat | Turbat | 000 | 0 | 0 | 05 | 03 | 96 | 00 | 0 | 162 | 70 | 0 | 0 | 5 | 0 | 0 | 21 | 72 |
| | Jiwani | 000 | 0 | 0 | 05 | 07 | 96 | 02 | 0 | 178 | 73 | 0 | 0 | 9 | 0 | 0 | 26 | 74 |
| | Pasni | 000 | 0 | 0 | 11 | 06 | 97 | 02 | 0 | 174 | 74 | 0 | 0 | 0 | 0 | 0 | 57 | 74 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 162 | 75 | 0 | 0 | 9 | 0 | 0 | 52 | 76 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 146 | 76 | 0 | 0 | 9 | 0 | 0 | 61 | 79 |
| | Karachi (Airport) | 000 | 0 | 0 | 07 | 05 | 96 | 02 | 0 | 155 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 78 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 01 | 97 | 02 | 0 | 143 | 72 | 0 | 0 | 0 | 0 | 0 | 18 | 75 |
| | Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 157 | 76 | 0 | 0 | 9 | 0 | 0 | 16 | 79 |
| | Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 161 | 76 | 0 | 0 | 9 | 0 | 0 | 34 | 76 |
| | Badin | 000 | 0 | 0 | 36 | 12 | 97 | 02 | 0 | 157 | 76 | 0 | 0 | 9 | 0 | 0 | 43 | 77 |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 144 | 72 | 0 | 0 | 9 | 0 | 0 | 28 | 73 |
| | Nawabshah | 000 | 0 | 0 | 31 | 09 | 94 | 02 | 0 | 145 | 74 | 0 | 0 | 9 | 0 | 0 | 32 | 76 |
| | Sukkur | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 123 | 74 | 0 | 0 | 9 | 0 | 0 | 36 | 74 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 157 | 73 | 0 | 0 | 9 | 0 | 0 | 41 | 74 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 3 | 13 | 03 | 98 | 03 | 0 | 309 | 45 | 3 | 3 | 7 | 0 | 0 | // | 30 |
| Peshawar | Cherat * | 000 | 0 | 0 | 34 | 07 | 98 | 02 | 0 | 305 | 52 | 0 | 0 | 0 | 0 | 0 | 32 | 54 |
| | Kakul * | 031 | 2 | 5 | 13 | 09 | 98 | 60 | 6 | 303 | 41 | 4 | 7 | 4 | 9 | 0 | 33 | 54 |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 4 | 624 | 54 | 0 | 6 | 9 | 0 | 0 | 38 | 56 |
| | Parachinar * | 000 | 0 | 1 | 12 | 02 | 98 | 02 | 0 | 505 | 49 | 1 | 2 | 6 | 0 | 0 | 22 | 52 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 01 | 98 | 00 | 2 | 522 | // | 0 | 0 | 9 | 0 | 0 | 32 | // |
| | Wana * | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 9 | 492 | 41 | 2 | 2 | 0 | 0 | 0 | 33 | 45 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 595 | 52 | 5 | 0 | 9 | 0 | 0 | // | 56 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 01 | 97 | 02 | 0 | /// | 37 | 0 | 0 | 9 | 0 | 0 | 24 | 38 |
| | Loralai * | 000 | 0 | 0 | 27 | 05 | 97 | 00 | 0 | 495 | 44 | 0 | 0 | 9 | 0 | 0 | 35 | 44 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 491 | 63 | 0 | 0 | 0 | 0 | 0 | 35 | 65 |
| | Samungli (Quetta) * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 547 | 40 | 0 | 0 | 9 | 0 | 0 | 37 | 50 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 505 | 52 | 0 | 0 | 9 | 0 | 0 | 34 | 53 |
| | Dalbandin * | 000 | 0 | 3 | 05 | 09 | 98 | 02 | 0 | 549 | 56 | 0 | 0 | 9 | 3 | 0 | 36 | 58 |
| Kalat | Kalat * | 000 | 0 | 0 | 05 | 02 | 98 | 80 | 2 | 516 | 43 | 0 | 0 | 9 | 0 | 0 | 19 | 56 |
| | Khuzdar * | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Ws (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 07 | 98 | 00 | 4 | 187 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — | — | — | — | — | — |
| | Cox's Bazar | 000 | 0 | 0 | 34 | 06 | 96 | 02 | 0 | 167 | 69 | 0 | 0 | 9 | 0 | 0 | 42 | 59 | + 4 | + 2 | 0.7 | — 3.6 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 172 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 53 | — 3 | + 2 | 0.7 | — 2.3 | 0.0 | 108 |
| | Maijdee Court | 0 0 | 0 | 0 | 02 | 02 | 97 | 00 | 0 | 168 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | — | — 1 | 1.0 | — 1.1 | 0.7 | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 167 | 69 | 0 | 0 | 9 | 0 | 0 | 55 | 54 | + 4 | 0 | 1.3 | — 0.7 | 0.2 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 173 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | | — | — | — | | 78 |
| | Sylhet | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 170 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — | — | 3.6 | — | 2.1 | — |
| | Srimangal | 000 | 0 | 8 | 00 | 00 | 94 | 00 | 0 | 162 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 50 | — 9 | + 1 | — | — | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 182 | 66 | 0 | 0 | 9 | 0 | 0 | 55 | 56 | + 2 | + 2 | — | — | — | 91 |
| | Narayanganj | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 173 | 69 | 0 | 0 | 9 | 0 | 0 | 53 | 58 | + 2 | + 2 | — | — | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 0 | 171 | 68 | 0 | 0 | 9 | 0 | 0 | 49 | 56 | — | — | 1.9 | — | 0.6 | — |
| | Faridpur | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 161 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | 8 | + 5 | 2.3 | — 0.6 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 168 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | + 3 | + 1 | — | — | — | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 176 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | + 5 | + 3 | 1.5 | — 0.3 | 0.1 | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | | | | | 48 |
| | Jessore | 000 | 0 | 0 | 07 | 05 | 96 | 02 | 0 | 170 | 62 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | — | — | 2.9 | + 0.9 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 176 | 66 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | — | 2.9 | | 1.9 | 38 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 173 | 64 | 0 | 0 | 9 | 0 | 0 | 50 | 54 | — 1 | + 3 | 1.9 | + 0.6 | 1.5 | 64 |
| | Rajshahi | 000 | 0 | 2 | 26 | 02 | 97 | 02 | 0 | /// | // | 0 | 0 | 9 | 2 | 0 | 52 | 56 | — 2 | + 4 | — | — | — | — |
| | Bogra | 000 | 0 | 1 | 36 | 02 | 96 | 00 | 0 | 171 | 62 | 1 | 1 | 9 | 0 | 0 | 46 | 54 | 0 | + 1 | 1.7 | + 0.4 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 31 | 02 | 96 | 00 | 0 | 176 | 62 | 0 | 0 | 9 | 0 | 0 | 50 | 52 | — 1 | + 1 | 1.6 | + 0.7 | 0.8 | 73 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 152 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 54 | + 3 | + 4 | 2.3 | + 1.1 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 27 | 03 | 95 | 05 | 0 | 226 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 41 | — 3 | 0 | 0.7 | — 0.9 | 0.7 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 190 | 46 | 0 | 0 | 9 | 0 | 0 | 49 | 33 | — 3 | — 12 | — | — | — | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 224 | 45 | 0 | 0 | 9 | 0 | 2 | 38 | 41 | — | — | 1.7 | — | 1.6 | — |
| | Islamabad | 000 | 0 | 1 | 00 | 00 | // | // | / | | | | | | | | | | — | | | | | — |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 230 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 40 | + 2 | + 1 | 2.9 | — 1.4 | 2.7 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 231 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | — | — 3 | — | — | — | 15 |
| | Sargodha | 000 | 0 | 1 | 23 | 03 | 96 | 04 | 0 | 226 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 213 | 46 | 0 | 0 | 9 | 0 | 0 | 38 | 43 | + 1 | + 3 | 0.3 | — 0.4 | 0.3 | 13 |
| Multan | Sahiwal | 000 | 0 | 0 | 13 | 04 | 93 | 42 | 0 | 227 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 38 | + 2 | — 5 | — | — | — | 10 |
| | Multan | 000 | 0 | 0 | 36 | 03 | 92 | 00 | 0 | 166 | 42 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — | — | 0.0 | — | 0.0 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 202 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | — 1 | — 9 | — | | — | 6 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 6 | 00 | 00 | // | // | / | /// | 0 | 0 | 0 | 9 | 0 | 0 | 33 | // | // | — | — | — | — | — |
| Peshawar | Peshawar | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 236 | 41 | 0 | 0 | 9 | 0 | 4 | 33 | 40 | + 4 | — 2 | — | — | — | 11 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 97 | 00 | 0 | 226 | 41 | 0 | 0 | 9 | 0 | 0 | 53 | 35 | — | — | 2.9 | — | 1.9 | — |
| D. I. Khan | Bannu | 000 | 0 | 5 | 31 | 02 | 98 | 02 | 1 | 232 | 45 | 0 | 0 | 9 | 4 | 5 | 38 | 43 | — | — | 0.6 | — | 0.1 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 221 | 49 | 0 | 0 | 9 | 0 | 0 | 36 | 40 | — | — 2 | 1.1 | — 0.1 | 1.1 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 226 | 44 | 0 | 0 | 9 | 0 | 0 | 38 | 37 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 204 | 44 | 0 | 0 | 9 | 0 | 0 | 30 | 37 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 201 | 5 | 0 | 0 | 9 | 0 | 0 | 22 | 43 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 197 | 60 | 0 | 0 | 9 | 0 | 0 | 38 | — | — | — | 5.7 | — | 7.9 | 3 |
| | Pasni | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 184 | 51 | 0 | 0 | 9 | 0 | 0 | 45 | // | 0 | — | 2.5 | — 0.7 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 08 | 00 | 96 | 01 | 0 | 280 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | // | — | — | 2.3 | — 0.3 | 2.3 | 6 |
| | Lasbela | 000 | 0 | / | // | // | // | // | / | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 198 | 57 | 0 | 0 | 9 | 0 | 0 | 37 | 57 | + 5 | — 1 | 0.3 | — 0.5 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 201 | 49 | 0 | 0 | 9 | 0 | 0 | 28 | 45 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 03 | 02 | 97 | 02 | 0 | 205 | 57 | 0 | 0 | 9 | 0 | 0 | 57 | 57 | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 194 | 49 | 0 | 0 | 9 | 0 | 0 | 19 | 40 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 204 | 53 | 0 | 0 | 9 | 0 | 0 | 34 | 49 | — | — 2 | 0.1 | — 0.1 | 0.1 | 8 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 186 | 49 | 0 | 0 | 9 | 0 | 0 | 37 | 47 | — 3 | — 5 | 0.1 | — 0.4 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 212 | 39 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 211 | 40 | 0 | 0 | 9 | 0 | 0 | 30 | 39 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 94 | 05 | 4 | 213 | 52 | 0 | 0 | 9 | 0 | 0 | 33 | 45 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | — | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 09 | 02 | 96 | 02 | 0 | 211 | 47 | 0 | 0 | 9 | 0 | 0 | 37 | 45 | + 2 | — 1 | 0.1 | — 0.3 | 0.1 | 38 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 30 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 6 | 09 | 03 | 98 | 03 | 0 | 372 | 33 | 3 | 0 | 9 | 3 | 4 | 32 | 32 | + 1 | 0 | — | — | — | 30 |
| Peshawar | Cherat * | 000 | 0 | 0 | 09 | 05 | 98 | 02 | 0 | 492 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | + 6 | + 1 | 1.9 | — 3.7 | 1.3 | — |
| | Kakul * | 035 | 0 | 5 | 09 | 02 | 97 | 09 | 1 | 530 | 38 | 0 | 0 | 9 | 0 | 5 | 36 | 35 | — | — | 4.6 | — | 3.8 | — |
| | Landikotal * | 000 | 0 | 0 | 36 | 03 | 98 | 01 | 4 | 613 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | — | — | 0.9 | — | 0.1 | 29 |
| | Parachinar * | 000 | 0 | 2 | 00 | 00 | 98 | 03 | 0 | 557 | 34 | 0 | 0 | 9 | 0 | 0 | 28 | 23 | + 1 | — 3 | 1.3 | — | 0.7 | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 510 | 35 | 0 | 0 | 9 | 0 | 0 | 28 | 34 | — | — | 0.0 | — 1.9 | 0.0 | 11 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | | | | | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 529 | 38 | 0 | 0 | 9 | 0 | 0 | 17 | 27 | — 9 | — 8 | 0.4 | — 1.1 | 0.4 | — |
| | Hindubagh * | 000 | 0 | 0 | 18 | 09 | 97 | 02 | 0 | /// | 35 | 0 | 0 | 9 | 0 | 0 | 30 | 10 | — | — | 1.1 | — | 0.9 | 9 |
| | Loralai * | 000 | 0 | 0 | 09 | 04 | 98 | 00 | 0 | 484 | 29 | 0 | 0 | 9 | 0 | 0 | 23 | 26 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 491 | 41 | 0 | 0 | 9 | 0 | 0 | 23 | 37 | — | — | 0.5 | — 1.5 | 0.5 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 13 | 05 | 97 | 02 | 0 | 534 | 22 | 0 | 0 | 9 | 0 | 0 | 16 | 11 | — | — | 1.8 | — 1.6 | 1.2 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 535 | 33 | 0 | 0 | 9 | 0 | 0 | 33 | 29 | — 3 | — 6 | 6.3 | + 2.7 | 6.3 | — |
| | Nushki * | 000 | 0 | 0 | 07 | 05 | 97 | 02 | 0 | 570 | 32 | 0 | 0 | 9 | 0 | 0 | 22 | 35 | — | — | 1.8 | — | 1.7 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 500 | 38 | 0 | 0 | 9 | 0 | 0 | 29 | 31 | — 5 | — 7 | 2.3 | + 0.5 | 2.2 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 535 | 25 | 0 | 0 | 9 | 0 | 0 | 19 | 22 | + 5 | — 7 | 0.8 | — 1.8 | 0.8 | — |
| | Khuzdar * | 085 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 505 | 35 | 0 | 0 | 9 | 0 | 0 | 20 | 34 | — | — | 1.0 | — | 1.0 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

When ever PPP is given 888 see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 3rd FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_Rt_R$ | $8N_sC_sh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Randphda ... | 99 1 92 | 10 6 99 | 02 0 03 | 03 1 10 | 92 0 01 | 11 4 22 | 00 9 00 | ... | 73 6 19 | | 0 / / 15 | 12 3 56 | ... | ... |
| Dwarka ... | 99 2 48 | 10 6 36 | 02 0 13 | 03 5 09 | 98 0 20 | 16 7 20 | 00 9 00 | 03 3 17 | ... | | 00 7 15 | ... | 30 3 02 | — |
| British Robin ... | 99 1 84 | 10 6 34 | 02 0 03 | 20 1 13 | 99 0 21 | 16 7 21 | 21 8 00 | ... | ... | | | | ... | |
| Rosno ... | 99 2 06 | 10 6 91 | 02 0 43 | 10 2 16 | 98 0 20 | 16 9 21 | 12 4 00 | — | 73 4 30 | | 0 / / 12 | 13 3 40 | 30 2 02 | 36 8 03 |
| Rosno ... | 99 2 19 | 10 6 82 | 02 1 23 | 00 1 14 | 99 0 00 | 14 8 22 | 00 9 00 | ... | 73 02 | | 0 / / 12 | 13 0 00 | 30 1 01 | 33 5 02 |
| Nikolay ... | 99 2 50 | 10 5 78 | 02 1 21 | 03 3 01 | 99 0 00 | 16 8 22 | 00 0 00 | ... | 73 6 13 | | ... | 12 3 63 | 3 / / 04 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | $1000_{mb}$ | $850_{mb}$ | $700_{mb}$ | $500_{mb}$ | $400_{mb}$ | $300_{mb}$ | $200_{mb}$ | $150_{mb}$ | $100_{mb}$ | $70_{mb}$ | $50_{mb}$ | $30_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels: hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 012 160 17 | ... | 495 110 57 | 118 060 59 | 581 041 58 | 753 163 58 | 561 347 59 | 232 529 // | 412 677 // | 647 819 // | ... | ... | ... |
| Dacca ... | 00 00 | 015 204 56 | ... | 480 084 56 | 100 005 71 | 544 019 57 | 746 179 57 | 955 353 57 | 226 531 // | 407 653 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 000 011 1 | ... | 450 064 02 | 023 031 | 561 171 | 725 281 | 925 411 | 191 260 | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 035 040 20 | ... | 450 020 56 | 059 045 61 | 566 151 // | 731 251 // | 933 431 // | 195 565 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 979 060 55 | ... | 570 076 57 | 092 077 57 | 570 145 // | 736 239 // | 941 369 // | | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 822 025 | ... | ... | 072 013 // | 568 167 // | 723 287 // | 934 345 // | 209 503 // | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 998 010 56 | ... | 046 064 50 | 069 055 58 | 563 211 // | 724 311 // | 925 401 // | 194 511 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 164 58 | 800 068 57 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 590 124 56 | 8.. 658 56 | 600 055 57 | 350 259 57 | 250 804 43 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | — | — | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | — | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | — | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 044 // | 600 081 // | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | — | ... | — | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 6 | 26 | 27 |
| Barisal ... | 245 06 | 245 05 | 250 05 | 280 13 | 275 16 | ... | ... | — | — | ... | ... | | | | ... | 025 04 | 255 02 | 045 01 | 020 01 | 010 06 | 330 07 | ... | — | . | . | .. |
| Bogra ... | 305 05 | 315 05 | 295 05 | 255 15 | 270 19 | 290 29 | | | — | 360 09 | 330 08 | 365 08 | 270 23 | 275 36 | ... | 330 03 | 275 04 | 275 01 | 270 22 | 270 35 | 275 41 | | | | | |
| Chaklala ... | — | 285 07 | 305 05 | 155 02 | 115 02 | 070 06 | 320 10 | 295 13 | 315 19 | ... | 095 03 | 040 01 | 055 01 | 045 01 | 050 03 | 060 18 | 045 21 | 050 20 | 075 10 | 120 09 | 240 14 | 245 27 | 270 28 | 275 44 | 285 38 | 295 26 |
| Chhor ... | 030 13 | 035 17 | 030 15 | 035 12 | 010 18 | 335 34 | 325 46 | 295 49 | 285 56 | 060 15 | 055 18 | 025 15 | 045 13 | 045 14 | 335 08 | 060 18 | 095 21 | 050 02 | 075 10 | 120 09 | 240 14 | 245 27 | 27. 28 | 275 44 | 285 38 | 295 26 |
| Chittagong ... | 280 11 | 305 06 | 335 04 | 320 07 | 290 08 | 295 11 | ... | ... | ... | — | — | ... | ... | ... | ... | 010 09 | 025 07 | 005 07 | 290 15 | 200 29 | 295 32 | 240 47 | 230 58 | .. | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | — | — | ... | ... | ... | ... | ... | ... | ... | | | | ... | ... | ... | | ... | .. | .. | ... |
| Cox's Bazar ... | 295 08 | 290 04 | 360 05 | 010 03 | 285 05 | 280 10 | ... | | ... | ... | ... | | | | | 265 04 | 295 03 | 015 03 | 045 09 | 055 10 | 360 17 | 335 33 | 320 28 | 315 37 | ... | ... |
| Dacca ... | 320 05 | 235 01 | 165 02 | 250 12 | 260 18 | 275 34 | 290 38 | 295 45 | | 030 13 | 360 12 | 245 12 | 030 12 | 260 08 | 360 12 | 030 08 | 030 05 | 330 07 | 270 07 | 270 20 | 290 45 | 270 51 | 270 53 | 285 74 | 270 67 | 268 53 |
| Dalbandin ... | ... | ... | 065 12 | 055 04 | 015 15 | 350 14 | 295 49 | 280 12 | 300 47 | ... | ... | 060 07 | 060 10 | 340 08 | 270 10 | | | 0-0 03 | 220 15 | 225 28 | 240 33 | 245 44 | 250 44 | 270 55 | 275 56 | 275 65 |
| D. I. Khan ... | 220 04 | 305 05 | 301 56 | 340 08 | 315 11 | 320 16 | 305 22 | 305 31 | 305 31 | 060 02 | 309 02 | 275 02 | 241 04 | 240 04 | 252 05 | 310 11 | 210 08 | 310 04 | 180 03 | 070 01 | 205 03 | 245 01 | 270 12 | 225 17 | 270 37 | 260 49 |
| Drosh ... | ... | ... | — | 190 01 | 325 04 | 350 03 | 350 01 | 330 03 | 315 04 | | | ... | 025 10 | 070 10 | 030 17 | — | — | ... | 065 06 | 035 13 | 360 12 | 145 05 | 250 12 | 240 21 | 240 27 | 225 27 |
| Fort Sandeman ... | | ... | ... | 305 06 | 320 07 | 310 20 | 305 41 | 310 41 | 305 51 | No | Ascent | ... | | | ... | ... | ... | ... | 040 02 | 090 03 | 170 14 | 153 30 | 245 31 | 260 24 | 240 43 | 260 70 |
| Gilgit ... | No | Ascent | | ... | ... | — | ... | ... | ... | | | | 015 10 | 035 10 | | | | | 030 18 | 010 08 | 225 06 | 160 06 | 230 20 | 230 05 | 335 13 | .. |
| Ishurdi ... | 020 01 | 015 02 | 350 05 | 305 08 | 315 10 | ... | ... | | | 025 15 | 035 03 | 045 09 | 205 21 | 295 34 | 300 23 | 360 05 | 325 05 | 275 10 | ... | ... | ... | | | | | |
| Jacobabad ... | 355 09 | 345 09 | 350 09 | 305 15 | 340 19 | 325 40 | 305 67 | 306 01 | 306 01 | 115 12 | 140 06 | 170 04 | 185 05 | 185 04 | 030 04 | 125 09 | 105 01 | 030 02 | 180 04 | 170 08 | 235 10 | 245 15 | 260 60 | 245 35 | 260 39 | ... |
| Jessore ... | 040 09 | 045 07 | 065 05 | 275 07 | 235 12 | 280 27 | 295 30 | | | 070 12 | 095 03 | 215 04 | 275 03 | 280 01 | | 045 04 | 075 02 | 250 08 | 360 13 | 209 08 | 290 11 | 275 41 | 260 12 | 275 46 | | |
| Jhelum ... | 250 05 | 270 04 | 275 05 | 300 03 | 355 04 | 295 05 | 290 18 | 290 28 | 285 45 | 060 06 | 090 08 | 075 13 | 090 17 | 085 13 | 110 08 | 295 10 | 315 18 | 315 20 | 315 20 | 305 15 | 260 05 | 180 03 | 275 06 | 290 14 | 310 20 | 225 33 |
| Jiwani ... | 035 13 | 025 13 | 025 15 | 025 15 | 360 15 | 360 17 | 290 12 | 275 39 | 275 35 | ... | ... | ... | ... | — | ... | 005 06 | 355 03 | 340 02 | 330 03 | 260 10 | 285 24 | 255 26 | 270 32 | 270 33 | 280 40 | |
| Karachi ... | 045 06 | 055 06 | 055 07 | 030 10 | 015 17 | 345 22 | 315 24 | 285 37 | | | | | | | | 205 12 | 210 13 | 220 14 | 220 13 | 240 02 | 270 10 | 200 16 | 280 24 | 315 30 | 335 31 | 340 30 |
| Khanpur ... | 060 02 | 335 03 | 334 08 | 295 08 | 330 07 | 355 38 | 302 38 | 301 06 | 310 39 | 025 08 | 020 05 | 015 06 | 295 04 | 290 04 | 345 15 | 015 10 | 085 12 | 080 12 | 075 19 | 045 25 | 015 21 | 270 05 | 135 30 | 265 31 | 265 31 | 260 56 |
| Khuzdar ... | ... | ... | .. | | ... | ... | | ... | ... | | | | 170 02 | 215 04 | 245 11 | | | | | | | | | | | |
| Lahore ... | 245 05 | 310 05 | 305 05 | 320 06 | 295 08 | 275 15 | 290 21 | 300 21 | 295 27 | 315 08 | 305 17 | 305 07 | 300 05 | 285 05 | 235 03 | 200 04 | 325 09 | 330 11 | 335 12 | 010 12 | 020 14 | 125 // | 115 03 | 310 13 | 310 30 | 290 27 |
| Multan ... | ... | ... | | | ... | ... | . | ... | - | 215 03 | 010 02 | 080 04 | 070 08 | 060 10 | 015 10 | 290 06 | 300 06 | 245 05 | 185 06 | 185 13 | 085 17 | 025 07 | 280 10 | 280 27 | 280 29 | 260 33 |
| Nawab Shah ... | 010 10 | 035 12 | 035 11 | 030 16 | 340 27 | 330 33 | | | | 035 11 | 040 10 | 035 70 | 045 14 | 030 09 | 240 10 | 065 06 | 025 10 | 045 11 | 065 06 | 170 06 | 025 10 | 270 37 | 045 11 | 275 41 | — | — |
| Nokkundi ... | ... | | 320 01 | 345 05 | 030 07 | 300 07 | 295 19 | 280 10 | 290 25 | ... | — | 320 02 | 340 01 | 360 02 | 335 11 | .. | ... | 100 12 | 180 19 | 255 24 | 295 12 | 280 13 | 280 21 | 295 19 | ... | ... |
| Panjgur ... | ... | | ... | | | | | | | ... | | ... | ... | ... | | | | | | | | | | | | |
| Peshawar ... | ... | 175 03 | 245 06 | 295 10 | 300 11 | 290 09 | 295 23 | 305 36 | 295 25 | ... | 300 04 | 280 04 | 330 06 | 015 04 | 360 03 | ... | 085 02 | 325 06 | 315 05 | 350 02 | 195 36 | 260 15 | 225 28 | 280 25 | 255 39 | — |
| Parachinar ... | .. | .. | .. | 270 10 | 290 15 | 310 31 | 325 12 | 310 52 | 303 57 | ... | ... | .. | 005 03 | 095 05 | ... | ... | ... | | 160 02 | 150 00 | 265 21 | 325 23 | 260 48 | 260 49 | 255 57 | 255 64 |
| Quetta ... | | | | | 345 07 | 345 07 | 335 19 | 310 34 | 310 35 | — | | | | | | | | | | 165 15 | 230 19 | 245 35 | 265 47 | | | |
| Sargodha ... | 260 05 | 265 07 | 265 07 | 300 07 | 355 12 | 315 16 | 295 20 | 300 30 | 300 29 | 285 04 | 010 04 | 020 08 | 015 12 | 345 13 | 315 04 | 315 01 | 335 06 | 345 07 | 010 09 | 350 34 | 265 05 | 260 17 | 265 27 | 265 38 | 265 49 | 280 56 |
| Skardu ... | | | | 273 02 | 185 03 | | ... | .. | ... | ... | | | 250 03 | 220 02 | ... | | | | | | | | ... | ... | ... | ... |
| Sylhet ... | 175 03 | 230 03 | 260 05 | 243 10 | 240 20 | 255 20 | .. | — | ... | 150 14 | 200 03 | 065 06 | 065 07 | 140 13 | 275 23 | 130 05 | 240 05 | 245 05 | 340 07 | 270 16 | 285 18 | 285 32 | ... | ... | ... | ... |
| Veraval ... | ... | ... | . | ... | ... | - | .. | .. | ... | . | . | .. | — | ... | — | . | ... | — | ... | .... | — | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 305 12 | 310 13 | 320 14 | 320 15 | 240 02 | 270 16 | 280 16 | 280 24 | 315 30 | 335 31 | 340 30 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

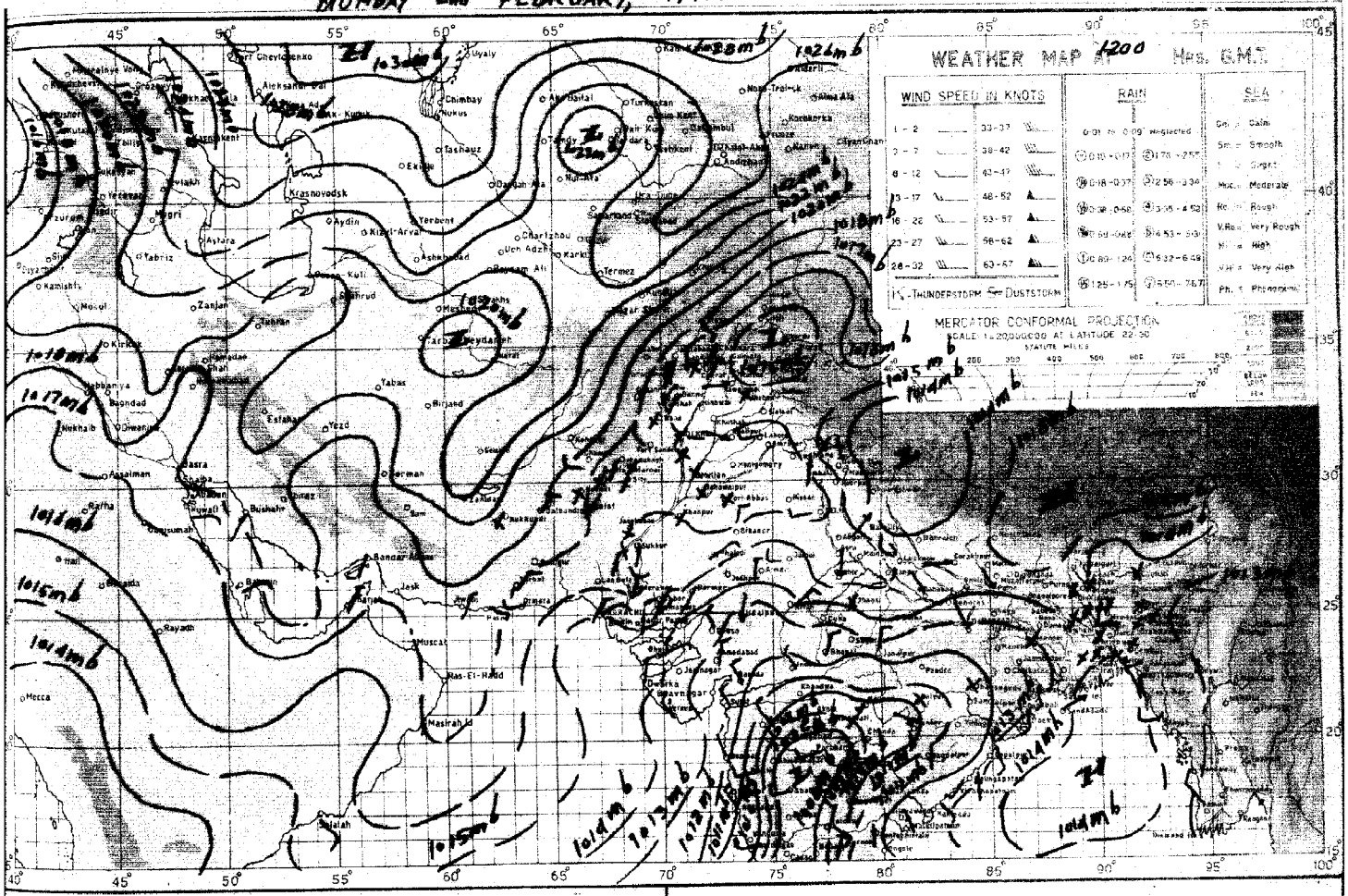
† The actual time of observations may vary within half an hour of the specified time.

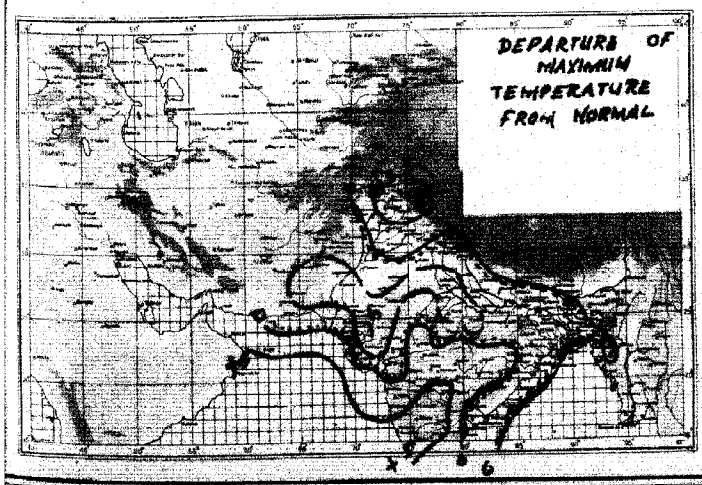
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

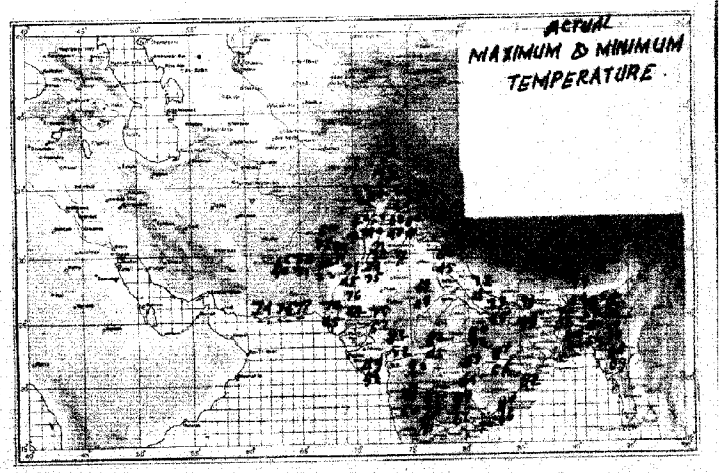
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port, KARACHI—1).

# PAKISTAN DAILY WEATHER MAP

MONDAY 2nd FEBRUARY, 1970.

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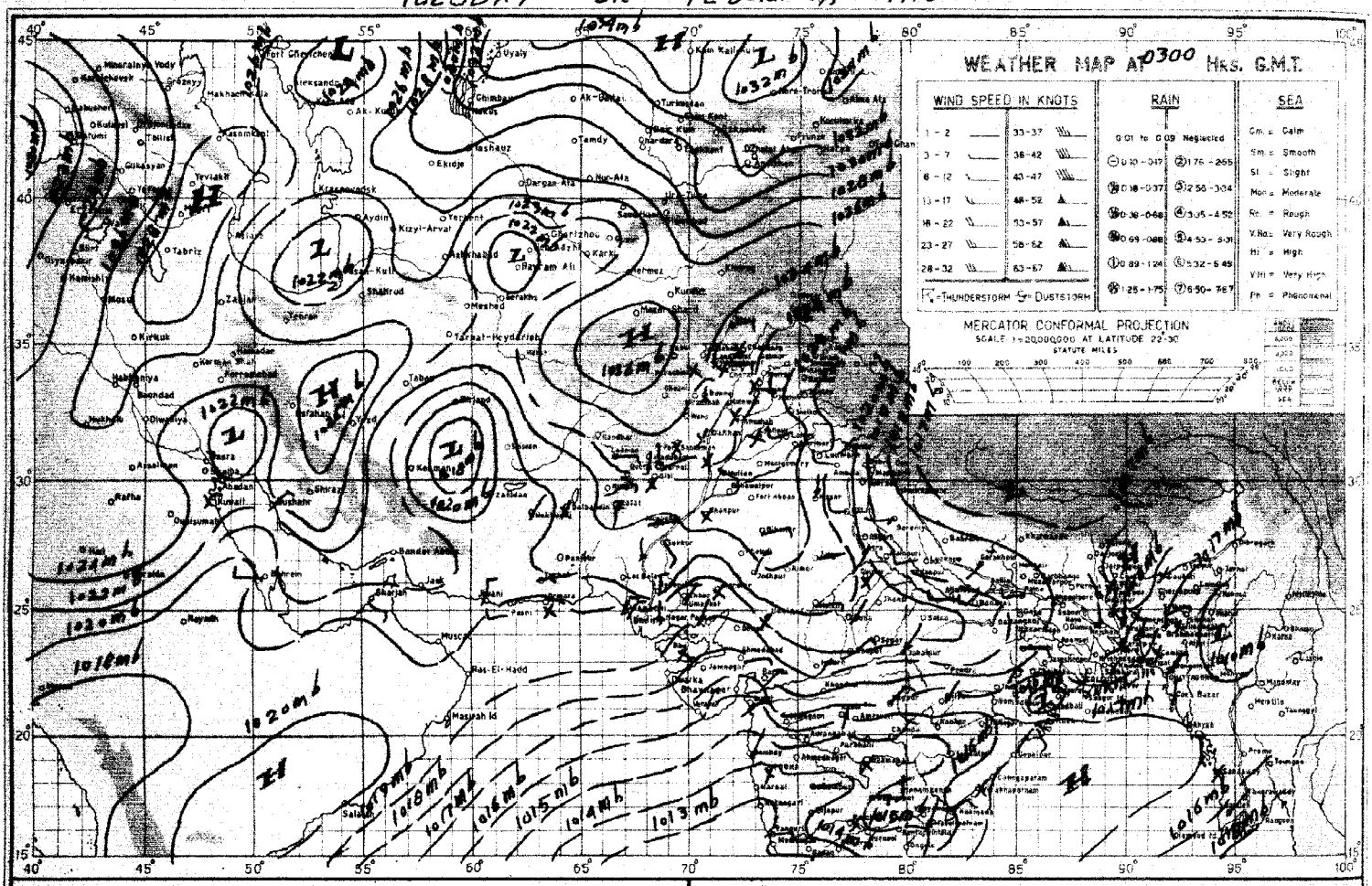
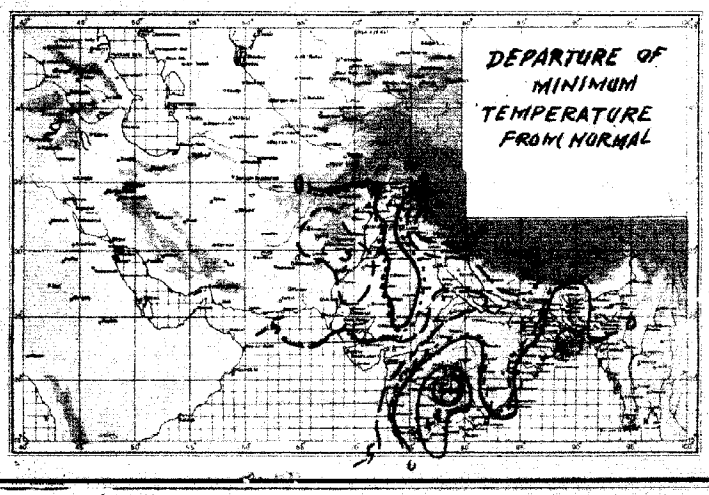
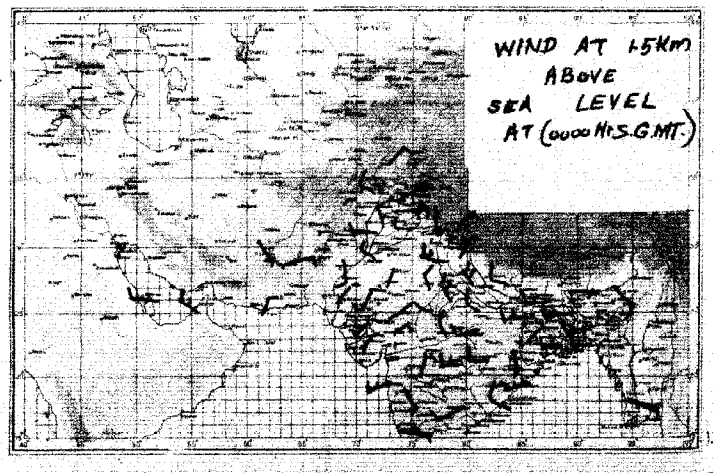
# PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd FEBRUARY, 1970.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 4th FEBRUARY 1970.**

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

Yesterday's trough of low pressure over south east Iran moved northeastwards, intensified and now lies as a low pressure area over Sargodha and D. I. Khan divisions.

The westerly low pressure wave over Chota Nagpur is now moving across Chittagong division.

Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Sargodha Malakand and Peshawar divisions and were to the same extent below normal in Bahawalpur Quetta and Hyderabad divisions.

**Forecast valid until the evening of 5th February 1970 :—** Local thunderstorms/showers with snow fall over hills are likely to occur in Malakand, Peshawar, Rawalpindi divisions and Kashmir and scattered in Quetta, D. I. Khan, Sargodha, Lahore and Chittagong divisions. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 4th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions | Stations | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature* TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 31 | 02 | // | 08 | 0 | 138 | 77 | 0 | 0 | 9 | 0 | 0 | 58 | 84 |
| | Cox's Bazar | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 131 | 74 | 0 | 0 | 9 | 0 | 0 | 70 | 82 |
| | Chittagong | 000 | 0 | 1 | 31 | 03 | 96 | 02 | 0 | 137 | 76 | 1 | 2 | 5 | 0 | 0 | 58 | 83 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 133 | 76 | 0 | 0 | 9 | 0 | 0 | // | 78 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... |
| | Brahmanbaria | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 141 | 69 | 2 | 0 | 5 | 4 | 0 | 59 | 78 |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | | ... |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 143 | 59 | 0 | 0 | 9 | 0 | 0 | 36 | 82 |
| Dacca | Mymensingh | 000 | 0 | 3 | 00 | 00 | // | 01 | 0 | 144 | 71 | 3 | 5 | 5 | 0 | 0 | 56 | 75 |
| | Narayanganj | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 0 | 140 | 78 | 8 | 6 | 4 | 0 | 0 | 60 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 31 | 02 | 96 | 02 | 2 | 140 | 74 | 3 | 8 | 5 | 6 | 0 | 55 | 80 |
| | Faridpur | 000 | 0 | 2 | 34 | 02 | 96 | 01 | 1 | 127 | 70 | 2 | 5 | 6 | 0 | 0 | 57 | 77 |
| Khulna | Barisal | 000 | 0 | 2 | 00 | 00 | 95 | 02 | 0 | 138 | 74 | 2 | 3 | 4 | 0 | 0 | 64 | 82 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | | ... | ... | | | | | | ... | ... |
| | Satkhira | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 139 | 75 | 2 | 0 | 0 | 2 | 0 | 58 | 82 |
| | Jessore | 000 | 0 | 1 | 36 | 05 | 97 | 01 | 0 | 144 | 72 | 1 | 1 | 6 | 3 | 0 | 58 | 79 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 148 | 71 | 0 | 0 | 9 | 0 | 0 | 54 | 75 |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rajshahi | 000 | 0 | 5 | 07 | 02 | 95 | 00 | 1 | 145 | 71 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dinajpur | 000 | 0 | 0 | 27 | 05 | // | 00 | 0 | 139 | 70 | 0 | 0 | 9 | 0 | 0 | 61 | 75 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 108 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 166 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 70 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 157 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 72 |
| | Islamabad | 000 | 0 | 1 | 23 | 02 | 96 | 01 | 0 | /// | 62 | 1 | 2 | 8 | 0 | 0 | 32 | 62 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 164 | 80 | 0 | 0 | 9 | 0 | 0 | 38 | // |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 162 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 74 |
| | Sargodha | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 164 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 74 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 169 | 70 | 0 | 0 | 9 | 0 | 0 | 44 | 72 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 09 | 02 | 97 | 02 | 4 | 174 | 70 | 0 | 0 | 9 | 0 | 0 | 33 | 74 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 148 | 66 | 0 | 0 | 9 | 0 | 0 | 39 | 72 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 147 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| Malakand | Chakdara | 000 | 0 | 2 | 23 | 02 | 98 | 01 | 1 | 151 | 62 | 0 | 0 | 9 | 0 | 1 | 36 | 65 |
| Peshawar | Peshawar | 000 | 0 | 3 | 13 | 02 | 98 | 03 | 1 | 143 | 64 | 0 | 0 | 9 | 0 | 1 | 39 | 66 |
| | Haripur | 000 | 0 | 0 | 13 | 03 | 98 | 00 | 0 | 166 | 63 | 0 | 0 | 9 | 0 | 0 | 35 | 64 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 13 | 02 | 99 | 00 | 2 | 170 | 65 | 0 | 0 | 9 | 0 | 0 | 39 | 70 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 160 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 74 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 174 | 74 | 0 | 0 | 9 | 0 | 0 | 53 | 75 |
| | Nokkundi | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 143 | 68 | 0 | 0 | 9 | 0 | 0 | 35 | 69 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 07 | 98 | 00 | 0 | 191 | 77 | 0 | 0 | 9 | 0 | 0 | 24 | 77 |
| | Jiwani | 000 | 0 | 0 | 18 | 07 | 96 | 02 | 0 | 173 | 73 | 0 | 0 | 9 | 0 | 0 | 38 | 75 |
| | Pasni | 000 | 0 | 0 | 25 | 02 | 97 | 02 | 0 | 166 | 76 | 0 | 0 | 0 | 0 | 0 | 48 | 76 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 177 | 72 | 0 | 0 | 9 | 0 | 0 | 39 | 77 |
| | Lasbela | 000 | 0 | 3 | 13 | 02 | 98 | 00 | 0 | 148 | 82 | 0 | 0 | 9 | 0 | 0 | 30 | 83 |
| | Karachi (Manora) | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 152 | 76 | 0 | 0 | 9 | 0 | 0 | 41 | 81 |
| | Karachi (Airport) | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 159 | 76 | 0 | 0 | 9 | 0 | 0 | 74 | 78 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 172 | 75 | 0 | 0 | 0 | 0 | 0 | 75 | 78 |
| | Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 151 | 77 | 0 | 0 | 9 | 0 | 0 | 27 | 79 |
| | Hyderabad | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 160 | 71 | 0 | 0 | 9 | 0 | 0 | 43 | 77 |
| | Badin | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 156 | 77 | 0 | 0 | 9 | 0 | 0 | 35 | 78 |
| Khairpur | Padidan | 000 | 0 | 0 | 25 | 02 | 96 | 02 | 0 | 157 | 75 | 0 | 0 | 9 | 0 | 0 | 31 | 76 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 166 | 74 | 0 | 0 | 9 | 0 | 0 | 36 | 76 |
| | Sukkur | 000 | 0 | 0 | 13 | 07 | 96 | 02 | 0 | 163 | 72 | 0 | 0 | 9 | 0 | 0 | 32 | 74 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 166 | 73 | 0 | 0 | 9 | 0 | 0 | 45 | 75 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 5 | 09 | 16 | 98 | 02 | 2 | 526 | 46 | 4 | 0 | 9 | 7 | 3 | // | 48 |
| Peshawar | Cherat * | 000 | 0 | 0 | 34 | 07 | 98 | 02 | 0 | 537 | 50 | 0 | 0 | 9 | 0 | 0 | 24 | 54 |
| | Kakul * | 000 | 0 | 1 | 30 | 12 | 98 | 01 | 0 | 509 | 45 | 0 | 0 | 9 | 0 | 1 | 30 | 59 |
| | Landikotal * | 000 | 0 | 4 | 05 | 05 | 98 | 02 | 0 | 624 | 52 | 4 | 3 | 9 | 0 | 0 | 21 | 59 |
| | Parachinar * | 000 | 0 | 1 | 00 | 00 | 98 | 02 | 0 | 511 | 48 | 0 | 0 | 9 | 0 | 1 | 29 | 50 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 473 | 39 | 0 | 0 | 9 | 0 | 0 | 38 | 39 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 464 | 52 | 0 | 0 | 9 | 0 | 0 | 42 | 51 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 23 | 10 | 98 | 02 | 0 | 494 | 55 | 0 | 0 | 9 | 0 | 0 | 10 | 56 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 23 | 97 | 02 | 0 | /// | 35 | 0 | 0 | 9 | 0 | 0 | 30 | 40 |
| | Loralai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 11 | 02 | 96 | 02 | 0 | 472 | 60 | 0 | 0 | 9 | 0 | 0 | 31 | 64 |
| | Samungli (Quetta) * | 000 | 0 | 5 | 27 | 02 | 97 | 03 | 0 | 507 | 49 | 5 | 2 | 9 | 3 | 0 | 28 | 49 |
| | Chaman * | 000 | 0 | 0 | 18 | 07 | 98 | 07 | 2 | 505 | 53 | 0 | 0 | 9 | 0 | 0 | 17 | // |
| | Nushki * | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 567 | 60 | 0 | 0 | 9 | 0 | 0 | 40 | // |
| | Dalbandin * | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | 523 | 64 | 0 | 0 | 9 | 0 | 0 | 33 | 65 |
| Kalat | Kalat * | 000 | 0 | 5 | 27 | 02 | 98 | 00 | 2 | 504 | 46 | 0 | 0 | 9 | 0 | 0 | 14 | 56 |
| | Khuzdar * | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 499 | 64 | 0 | 0 | 9 | 0 | 0 | // | 65 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions | Stations | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 4 | 202 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 64 | — | — | — | — | — | — |
| | Cox's Bazar | 000 | 0 | 5 | 36 | 08 | 96 | 00 | 3 | 178 | 71 | 2 | 2 | 4 | 3 | 0 | 62 | 64 | + 2 | + 7 | 0.7 | − 3.7 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 1 | 186 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 62 | + 3 | + 6 | 0.7 | − 2.4 | 0.0 | 108 |
| | Maijdee Court | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 196 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 62 | − 3 | + 2 | 1.0 | − 1.1 | 0.7 | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 189 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — | + 4 | 1.3 | − 0.7 | 0.2 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 197 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | — | — | — | — | — | 78 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 193 | 65 | 4 | 4 | 5 | 0 | 0 | 54 | 54 | — | — | 3.6 | — | 2.1 | — |
| | Srimangal | ... | ... | ... | ... | ... | | ... | ... | ... | | | ... | | ... | ... | ... | ... | + 1 | | | | | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 210 | 67 | 0 | 0 | 9 | 0 | 0 | 50 | 54 | — 1 | 0 | — | — | — | 91 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 202 | 71 | 0 | 0 | 9 | 0 | 0 | 52 | 60 | + 3 | + 4 | — | — | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 05 | 05 | 96 | 01 | 0 | 198 | 66 | 1 | 0 | 9 | 4 | 0 | 46 | 58 | 0 | — | 1.9 | — | 0.7 | — |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 196 | 66 | 0 | 0 | 9 | 0 | 0 | 60 | 54 | 0 | + 1 | 2.3 | − 0.5 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 7 | 36 | 03 | 94 | 05 | 0 | 196 | 66 | 2 | 6 | 9 | 0 | 0 | 54 | 54 | + 9 | − 3 | — | — | — | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 09 | 97 | 00 | 0 | 203 | 69 | 0 | 0 | 5 | 0 | 0 | 56 | 60 | — | + 3 | 1.4 | − 0.3 | 0.1 | 88 |
| | Satkhira | 000 | 0 | 0 | 36 | 09 | 97 | 00 | 0 | 207 | 66 | 0 | 0 | 0 | 0 | 0 | 52 | 58 | 6 | + 3 | — | — | — | 65 |
| | Jessore | 000 | 0 | 0 | 36 | 05 | 96 | 95 | 0 | 196 | 62 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | — | — | 2.4 | + 0.9 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 202 | 62 | 0 | 0 | 5 | 0 | 0 | 56 | 56 | — | — | 2.9 | — | 1.9 | 89 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 203 | 62 | 0 | 0 | 9 | 0 | 0 | 62 | 56 | — | + 4 | 1.9 | + 0.6 | 1.9 | 64 |
| | Rajshahi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 213 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 52 | 8 | 0 | — | — | — | — |
| | Bogra | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 208 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 50 | — | − 3 | 1.7 | + 0.3 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 210 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 49 | − 1 | − 2 | 1.6 | + 0.7 | 0.8 | 73 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 123 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 54 | + 3 | + 4 | 2.1 | + 1.1 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 00 | 00 | 95 | 05 | 0 | 189 | // | 1 | 0 | 9 | 3 | 0 | 40 | 43 | + 1 | + 2 | 0.7 | − 0.9 | 0.7 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | — | | | | | 31 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 1 | 180 | 46 | 3 | 0 | 9 | 4 | 2 | 41 | 43 | — | — | 1.7 | — | 1.6 | — |
| | Islamabad | ... | ... | ... | ... | ... | | | | | | | | | | | ... | ... | + 7 | | | | | — |
| | Rawalpindi | 000 | 0 | 4 | 00 | 00 | 96 | 00 | 0 | 187 | 45 | 0 | 0 | 9 | 0 | 0 | 41 | 40 | — | + 1 | 2.9 | − 1.5 | 2.7 | 34 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 184 | 43 | 3 | 5 | 8 | 4 | 0 | 38 | 40 | + 7 | − 3 | — | — | — | 15 |
| | Sargodha | 000 | 0 | 2 | 00 | 00 | 95 | 04 | 0 | 178 | 43 | 2 | 0 | 9 | 3 | 0 | 38 | 41 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 177 | 49 | 0 | 0 | 9 | 0 | 0 | 48 | 45 | + 5 | + 4 | 0.3 | − 0.4 | 0.3 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 176 | 49 | 0 | 0 | 9 | 0 | 0 | 30 | 41 | + 5 | − 2 | — | — | — | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 189 | 43 | 0 | 0 | 9 | 0 | 0 | 32 | 36 | — | − 8 | — | — | — | 4 |
| | Bahawalpur | ... | ... | ... | ... | ... | | | ... | ... | ... | ... | | | | | ... | ... | − 1 | | | | | 6 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 140 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | // | | | | | | 8 |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | | | | | | — |
| Peshawar | Peshawar | 000 | 0 | 8 | 18 | 03 | 97 | 02 | 2 | 183 | 44 | 1 | 1 | 6 | 3 | 1 | 38 | 41 | + 3 | − 1 | — | — | — | 11 |
| | Haripur | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| D. I. Khan | Bannu | 000 | 0 | 6 | 31 | 02 | 98 | 02 | 1 | 172 | 45 | 3 | 2 | 7 | 6 | 0 | 33 | 43 | — | — | 0.6 | — | 0.1 | 11 |
| | D. I. Khan | ... | ... | | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 192 | 46 | 0 | 0 | 9 | 0 | 0 | 46 | 39 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 0 | 31 | 09 | 97 | 02 | 0 | 248 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 43 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 247 | // | 0 | 0 | 9 | 0 | 0 | 45 | 50 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 003 | 0 | 0 | 36 | 05 | // | 02 | 0 | 708 | 61 | 0 | 0 | 9 | 0 | 0 | 51 | // | — | — | 5.7 | — | 7.9 | 8 |
| | Pasni | 003 | 0 | 0 | 25 | 07 | 97 | 02 | 0 | 188 | 55 | 0 | 0 | 9 | 0 | 0 | 45 | // | + 2 | — | 2.5 | − 0.8 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 200 | 60 | 0 | 0 | 9 | 0 | 0 | / | // | — | — | 2.3 | − 0.5 | 2.3 | 6 |
| | Lasbela | ... | | ... | | | | | ... | ... | | ... | ... | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 143 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | // | + 3 | — | 0.3 | − 0.8 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 191 | 50 | 0 | 0 | 9 | 0 | 0 | 36 | 47 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 205 | 57 | 0 | 0 | 9 | 0 | 0 | 37 | 57 | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 191 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 37 | — | | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 194 | 48 | 0 | 0 | 9 | 0 | 0 | 39 | 48 | 0 | − 3 | 0.1 | − 0.2 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 190 | 47 | 0 | 0 | 9 | 0 | 0 | 35 | 43 | − 2 | − 9 | 0.1 | − 0.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 195 | 40 | 0 | 0 | 9 | 0 | 0 | 32 | 37 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 201 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 39 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 05 | 02 | 94 | 05 | 4 | 193 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 44 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | — | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 190 | 49 | 0 | 0 | 9 | 0 | 0 | // | 45 | + 3 | − 1 | 0.1 | − 0.8 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 30 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 40 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 517 | 38 | 3 | 5 | 7 | 4 | 0 | 16 | 35 | − 1 | + 3 | — | — | — | 29 |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 05 | 98 | 02 | 0 | 501 | 43 | 0 | 0 | 9 | 0 | 1 | 19 | 40 | + 6 | + 3 | 1.9 | − 2.9 | 1.3 | — |
| | Kakul * | 000 | 0 | 7 | 05 | 02 | 97 | 03 | 2 | 500 | 41 | 2 | 5 | 6 | 0 | 5 | 25 | 35 | — | — | 4.5 | — | 3.5 | — |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 618 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 28 | — | — | 0.9 | — | 0.1 | 29 |
| | Parachinar * | 000 | 0 | 1 | 05 | 05 | 98 | 02 | 0 | 531 | 32 | 1 | 5 | 6 | 0 | 0 | 21 | 28 | − 1 | − 2 | 1.3 | — | 0.7 | 13 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 493 | 46 | 0 | 0 | 9 | 0 | 0 | 36 | 41 | — | — | 0.0 | − 1.9 | 0.0 | 11 |
| | Wana * | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | | | | | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 23 | 02 | 97 | 01 | 2 | 509 | 38 | 0 | 0 | 9 | 0 | 0 | 20 | 29 | − 3 | − 6 | 0.4 | − 1.1 | 0.4 | — |
| | Hindubagh * | | | | | | | | | | | | | | | | | | — | | | | | 9 |
| | Loralai * | 000 | 0 | 1 | 00 | 03 | 97 | 00 | 0 | 485 | 28 | 0 | 0 | 9 | 0 | 0 | 22 | 27 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 484 | 42 | 0 | 0 | 9 | 0 | 0 | 30 | 40 | — | — | 0.5 | − 1.5 | 0.5 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 1 | 31 | 05 | 96 | 01 | 0 | 528 | 34 | 1 | 0 | 9 | 1 | 0 | 29 | 22 | — | — | 1.8 | − 1.7 | 1.2 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | // | 00 | 0 | 517 | 36 | 0 | 0 | 9 | 0 | 0 | 28 | 31 | − 1 | − 4 | 6.3 | + 2.7 | 6.3 | — |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 591 | 41 | 0 | 0 | 9 | 0 | 0 | 23 | 40 | — | — | 1.8 | — | 1.7 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 538 | 38 | 0 | 0 | 9 | 0 | 0 | // | 32 | + 1 | − 6 | 2.3 | − 0.5 | 2.2 | 7 |
| Kalat | Kalat * | ... | | | ... | ... | ... | ... | ... | ... | | | | | | | ... | ... | + 3 | | | | | — |
| | Khuzdar * | 003 | 0 | 0 | 00 | 00 | 96 | 08 | 0 | 530 | 44 | 0 | 0 | 9 | 0 | 0 | 41 | 35 | — | — | 1.0 | — | 1.0 | 8 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 4th FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ d | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Almahrosa ... .. | 99 1 62 | 10 6 60 | 03 0 03 | 50 2 17 | 99 0 22 | 13 9 24 | 55 6 | ... | 72 6 15 | ... | 05 4 18 | ... | 30 6 04 | 36 6 04 |
| Venassa ... ... | 99 2 49 | 10 5 91 | 03 0 03 | 00 0 00 | 98 0 20 | 18 5 69 | 00 9 00 | 34 7 02 | ... | ... | 0 / / 68 | 17 4 83 | 3 / / 90 | ... |
| Almahrosa ... ... | 99 1 71 | 10 6 52 | 03 0 63 | 68 3 13 | 99 0 12 | 17 3 24 | 55 8 6/ | ... | 73 2 30 | ... | 00 0 16 | ... | 30 5 03 | ... |
| Steel Flyer ... ... | 99 1 49 | 10 6 09 | 03 0 68 | 70 7 18 | 98 0 22 | 16 9 73 | 72 8 62 | — | ... | ... | 0 / / 17 | 13 5 09 | 30 4 03 | ... |
| Steel Flyer ... ... | 99 1 63 | 10 6 18 | 03 1 23 | 80 2 12 | 98 0 22 | 15 8 26 | ... | ... | ... | 8 / 4 3/ | 0 / / 18 | 12 5 87 | 30 2 02 | ... |
| Almahrosa ... ... | 99 1 78 | 10 6 44 | 09 1 23 | 48 6 11 | 98 0 21 | 13 9 13 | 40 7 84 | ... | ... | 03 4 00 | 05 3 06 | ... | 30 3 01 | 34 6 02 |
| Venassa ... ... | 99 2 34 | 10 6 33 | 03 1 83 | 00 1 05 | 98 0 20 | 19 2 71 | 80 9 80 | 34 4 02 | ... | ... | 0 / / 64 | 17 4 00 | 30 4 01 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | $1000_{mb}$ | $850_{mb}$ | $700_{mb}$ | $500_{mb}$ | $400_{mb}$ | $300_{mb}$ | $200_{mb}$ | $150_{mb}$ | $100_{mb}$ | $70_{mb}$ | $50_{mb}$ | $30_{mb}$ |
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 166 25 | ... | 490 092 19 | 101 021 00 | 577 081 56 | 747 199 56 | 953 377 56 | 226 542 // | 405 693 // | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 016 134 58 | ... | 500 084 60 | 102 020 // | 375 126 // | 743 215 // | 943 381 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 001 080 70 | .. | 450 084 62 | 074 000 // | 571 125 // | 738 311 // | 947 375 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 931 643 21 | ... | 500 074 29 | /// /// // | 557 243 19 | 714 351 20 | 912 431 // | 103 443 // | 372 513 // | ... | .. | ... | ... |
| Quetta ... | 00 00 | 831 005 91 | ... | ... | 052 049 | 563 193 // | | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 994 104 58 | ... | 440 040 59 | 040 065 06 | 560 201 // | 721 285 // | — | ... | ... | — | ... | ... | — |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 132 29 | 800 056 00 | 600 315 15 | 350 285 22 | ... | ... | — | ... | ... | ... | — | — |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | — | — | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | — | ... | .. | ... | — | ... | — | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | | | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Quetta ... | 00 00 | — | 800 000 // | 500 105 // | ... | .. | ... | — | ... | ... | ... | ... | — |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | — | — | — | ... | ... | — |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 140 03 | 225 01 | 005 01 | 105 04 | 025 09 | 025 04 | ... | — | ... |
| Bogra ... | 265 05 | 260 06 | 260 07 | 215 17 | 265 32 | 270 39 | 270 51 | ... | ... |
| Chaklala ... | — | 275 07 | 210 03 | 090 04 | 085 08 | 155 07 | 120 17 | 245 32 | 250 39 |
| Chhor ... | 040 09 | 045 12 | 040 14 | 025 14 | 360 12 | 355 19 | 350 20 | 330 29 | 345 44 |
| Chittagong ... | ... | — | .. | .. | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | — | — | .. |
| Cox's Bazar ... | 335 10 | 345 11 | 350 10 | 335 60 | 315 17 | 310 27 | ... | ... | ... |
| Dacca ... | 300 10 | 300 08 | 295 05 | 170 04 | 215 03 | 270 15 | ... | ... | ... |
| Dalbandin ... | ... | ... | 215 06 | 260 09 | 320 18 | 285 21 | 245 30 | 245 30 | 230 52 |
| D. I. Khan ... | 195 03 | 160 03 | 160 03 | 105 04 | 185 07 | 215 11 | 235 30 | 235 29 | 290 50 |
| Drosh ... | — | ... | ... | 095 09 | 050 09 | 010 06 | 175 01 | 355 33 | 320 22 |
| Fort Sandeman ... | ... | ... | ... | 325 05 | 200 05 | 175 16 | 235 43 | 230 22 | 235 61 |
| Gilgit ... | ... | — | | 025 15 | 035 10 | 165 09 | 185 05 | 035 17 | 170 10 |
| Ishurdi ... | 250 02 | 251 01 | 355 04 | 300 10 | 255 16 | 245 29 | 280 39 | ... | .. |
| Jacobabad ... | 175 02 | 145 02 | 145 02 | 180 08 | 225 26 | 240 23 | 260 45 | ... | ... |
| Jessore ... | 355 12 | 005 06 | 175 06 | 255 09 | 270 30 | 285 30 | 285 49 | | |
| Jhelum ... | 275 04 | 295 06 | 300 05 | 050 02 | 135 09 | 170 06 | 230 17 | 250 33 | 250 47 |
| Jiwani ... | 215 06 | 225 07 | 275 07 | 290 11 | 325 22 | 325 23 | 285 26 | 280 37 | 280 36 |
| Karachi ... | 100 15 | 100 01 | 070 13 | 055 16 | 045 15 | 215 04 | 240 17 | 295 35 | 250 35 |
| Khanpur ... | 065 04 | 180 06 | 145 04 | 250 26 | 250 37 | 280 74 | | ... | ... |
| Khuzdar ... | | | ... | 225 06 | 245 09 | 250 31 | 265 51 | 240 31 | 270 47 |
| Lahore ... | 350 03 | 330 06 | 330 06 | 345 06 | 360 04 | 290 04 | 245 07 | 205 05 | 230 04 |
| Multan ... | 085 04 | 115 04 | 115 05 | 100 05 | 095 03 | 215 19 | 245 23 | 245 58 | 245 68 |
| Nawab Shah ... | 060 03 | 070 05 | 040 05 | 225 11 | 255 23 | 260 31 | 266 51 | 270 68 | 270 70 |
| Nokkundi ... | ... | ... | 285 06 | 330 31 | 255 23 | 275 27 | 265 28 | 260 12 | 270 45 |
| Panjgur ... | ... | .. | ... | ... | | ... | ... | .. | ... |
| Peshawar ... | .. | ... | ... | ... | ... | ... | ... | .. | ... |
| Parachinar ... | ... | .. | ... | 140 08 | 155 09 | 300 12 | 270 07 | 290 37 | 289 03 |
| Quetta ... | — | .. | .. | ... | 235 05 | 235 12 | ... | — | — |
| Sargodha ... | ... | ... | .. | ... | ... | ... | ... | ... | — |
| Skardu ... | ... | ... | ... | 050 03 | 180 03 | 210 09 | ... | ... | ... |
| Sylhet ... | 090 12 | 010 12 | ... | ... | ... | — | .. | — | ... |
| Veraval ... | ... | ... | .. | ... | ... | — | . | ... | ... |

| Height in Kms. a.s.l. → | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 030 28 | 035 08 | 315 05 | 310 10 | 270 18 | 265 19 |
| Bogra ... | 355 12 | 300 06 | 320 10 | 275 09 | 290 19 | 280 30 |
| Chaklala ... | ... | 030 04 | 290 07 | 235 03 | | |
| Chhor ... | 030 11 | 080 08 | 020 06 | 030 04 | 290 13 | 280 25 |
| Chittagong ... | — | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | | ... | ... | ... |
| Dacca ... | 005 12 | 005 08 | 310 07 | ... | ... | ... |
| Dalbandin ... | ... | | 355 02 | 355 13 | 305 08 | 260 04 |
| D. I. Khan ... | 230 06 | 210 06 | 215 06 | 285 05 | 315 05 | 270 07 |
| Drosh ... | ... | ... | ... | 170 01 | 040 03 | 355 05 |
| Fort Sandeman ... | | — | ... | 020 06 | 315 04 | 240 03 |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 360 17 | 335 05 | 270 07 | 270 21 | 265 25 | 295 25 |
| Jacobabad ... | 150 04 | 170 06 | 255 08 | 255 11 | 270 12 | 310 29 |
| Jessore ... | 020 20 | 025 12 | 050 05 | 265 12 | 280 15 | 270 19 |
| Jhelum ... | 140 01 | 245 02 | 270 02 | 270 09 | 235 12 | 285 22 |
| Jiwani ... | 340 11 | 335 12 | 020 15 | 020 17 | 030 16 | 350 20 |
| Karachi ... | | ... | ... | ... | ... | ... |
| Khanpur ... | 175 10 | 205 06 | 225 09 | 240 13 | 250 19 | 280 12 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 240 06 | 275 11 | 270 19 | 240 20 | 230 32 | 190 23 |
| Multan ... | 200 16 | 280 12 | 280 26 | 290 24 | 300 17 | 280 17 |
| Nawab Shah ... | 330 10 | 300 05 | 260 06 | 340 15 | 350 25 | 345 35 |
| Nokkundi ... | ... | .. | 325 19 | 335 23 | 345 27 | 3 5 32 |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 325 04 | 325 08 | 305 12 | 345 03 | 280 02 |
| Parachinar ... | ... | ... | ... | 085 04 | 085 03 | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 250 05 | 265 06 | 245 05 | 220 04 | 285 04 | 285 04 |
| Skardu ... | ... | ... | ... | 035 04 | 380 03 | 040 03 |
| Sylhet ... | 065 09 | 070 09 | 050 06 | 220 06 | 240 09 | 279 17 |
| Veraval ... | ... | ... | .. | — | . | . |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) .3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.8 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 240 06 | 310 06 | 310 07 | 300 18 | 300 12 | 310 11 | 270 31 | 270 38 | 270 39 | .. | ... |
| Bogra ... | ... | 120 05 | 150 05 | 225 04 | 255 03 | 125 02 | 205 08 | | ... | ... | ... |
| Chaklala ... | 335 06 | 330 07 | 350 10 | 005 19 | 350 12 | 290 17 | 285 31 | 275 51 | 245 54 | 235 39 | ... |
| Chhor ... | 350 08 | 345 09 | 340 08 | 315 08 | 290 19 | 295 29 | 265 34 | 255 31 | 260 42 | 260 54 | 265 43 |
| Chittagong ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... |
| Cherat ... | 350 10 | 350 10 | 340 09 | 339 06 | 330 06 | 235 07 | | | | ... | ... |
| Cox's Bazar ... | 350 05 | 300 30 | 279 30 | 290 15 | 285 25 | 300 38 | 260 37 | 270 31 | 275 40 | ... | ... |
| Dacca ... | — | ... | 080 07 | 020 08 | 355 11 | 355 19 | 310 36 | 305 41 | 300 41 | 295 49 | 290 58 |
| Dalbandin ... | ... | ... | | ... | | ... | .. | | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | | | | | | | ... | ... |
| Drosh ... | ... | ... | ... | 315 07 | 290 12 | 300 16 | 305 12 | 360 08 | 035 15 | ... | .. |
| Fort Sandeman ... | | | | | | | ... | ... | ... | .. | . |
| Gilgit ... | 015 03 | 355 01 | 280 12 | 180 15 | 295 21 | 320 37 | | | ... | ... | ... |
| Ishurdi ... | 275 12 | 290 14 | 290 16 | 325 12 | 330 12 | 350 12 | 295 37 | 290 80 | ... | ... | ... |
| Jacobabad ... | 015 10 | 040 05 | 005 04 | 300 10 | 270 22 | 310 22 | 265 25 | 240 12 | 275 45 | ... | ... |
| Jessore ... | 125 04 | 135 06 | 145 02 | 210 05 | 205 04 | 300 01 | 235 03 | 245 13 | 255 20 | ... | — |
| Jhelum ... | 045 15 | 040 18 | 040 14 | 040 06 | 350 08 | 310 21 | 290 35 | 275 13 | 285 43 | .. | ... |
| Jiwani ... | 005 15 | 360 16 | 360 12 | 335 08 | 335 14 | 280 19 | 305 33 | 290 44 | 285 48 | — | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 260 19 | 270 19 | 295 20 | 295 28 | 295 24 | 305 20 | 315 37 | 290 47 | 235 51 | 275 57 | 285 81 |
| Khuzdar ... | . | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 360 05 | 240 06 | 200 04 | 160 04 | 085 07 | 300 09 | 245 13 | 248 19 | 254 12 | 265 27 | 260 60 |
| Multan ... | 290 23 | 295 31 | 300 38 | 310 41 | 330 38 | 315 24 | 320 20 | 255 27 | 275 16 | 295 71 | 295 83 |
| Nawab Shah ... | 100 04 | 310 10 | 335 12 | 355 13 | 320 18 | 295 28 | 290 27 | 295 67 | 285 67 | .. | ... |
| Nokkundi ... | . | ... | 345 09 | 345 10 | 335 19 | 305 17 | 310 26 | 320 30 | 315 34 | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 115 02 | 340 04 | 345 08 | 340 09 | 340 04 | 305 06 | 295 13 | 300 15 | 295 27 | 275 51 |
| Parachinar ... | ... | ... | | 090 09 | 235 01 | 300 12 | 010 09 | 315 15 | 325 09 | ... | ... |
| Quetta ... | ... | | | | 260 07 | 330 21 | 305 30 | 315 37 | ... | ... | |
| Sargodha ... | 160 03 | 305 03 | 230 03 | 185 06 | 195 06 | 165 06 | 290 19 | 310 28 | 300 45 | 300 47 | . |
| Skardu ... | ... | ... | ... | 150 01 | 100 03 | — | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | . | ... | ... | ... | ... | — | ... | ... | ... | ... | .. |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 310 10 | 285 13 | 310 13 | 325 13 | 360 16 | 270 21 | 260 33 | 285 51 | 290 70 | 285 79 | 271 80 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

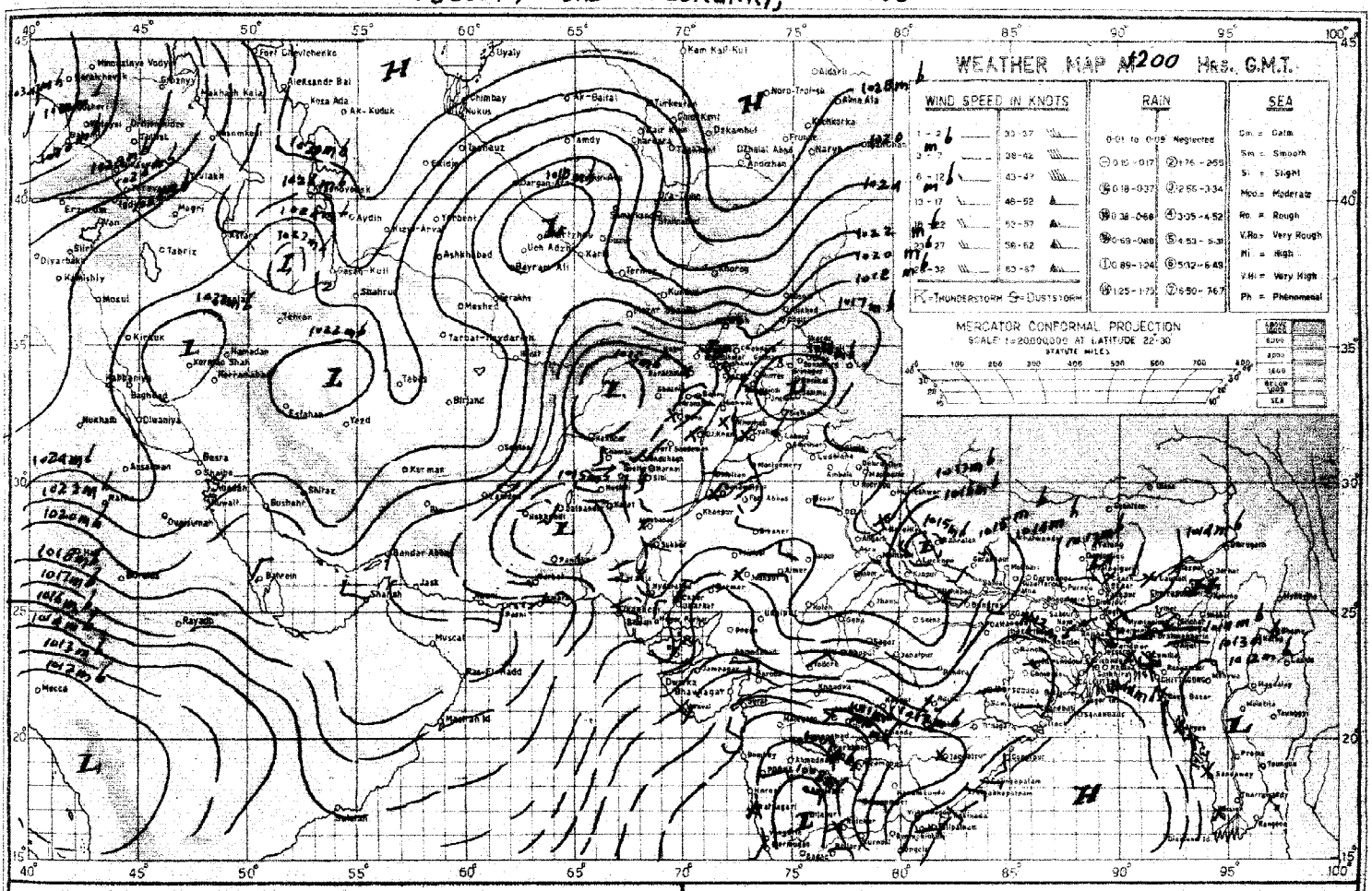
† The actual time of observations may vary within half an hour of the specified time.

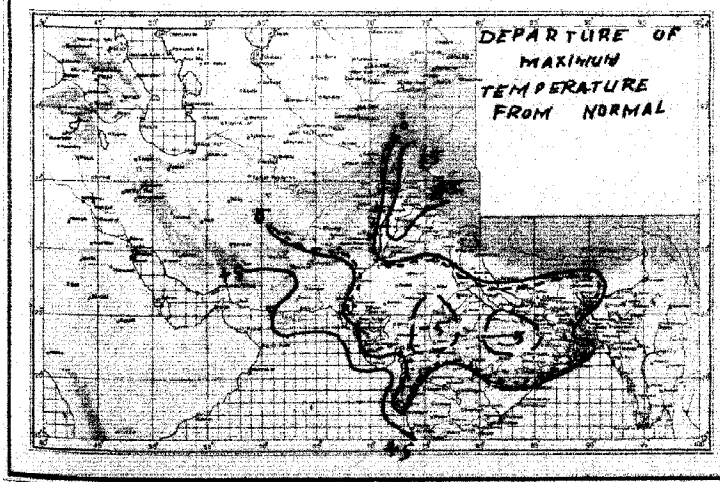
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

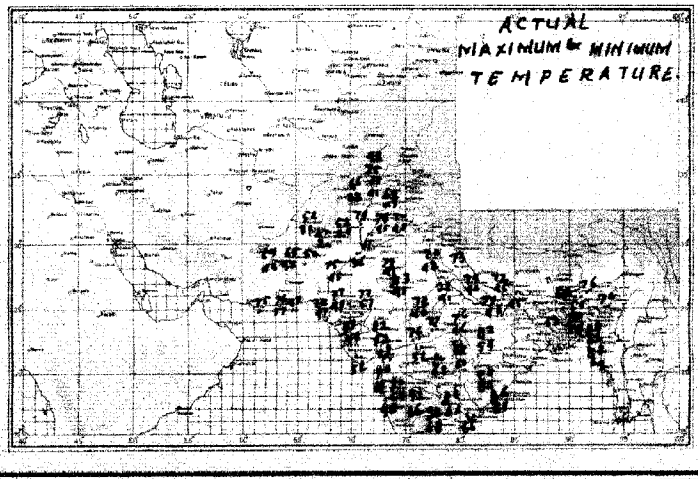
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

TUESDAY 3RD FEBRUARY, 1970



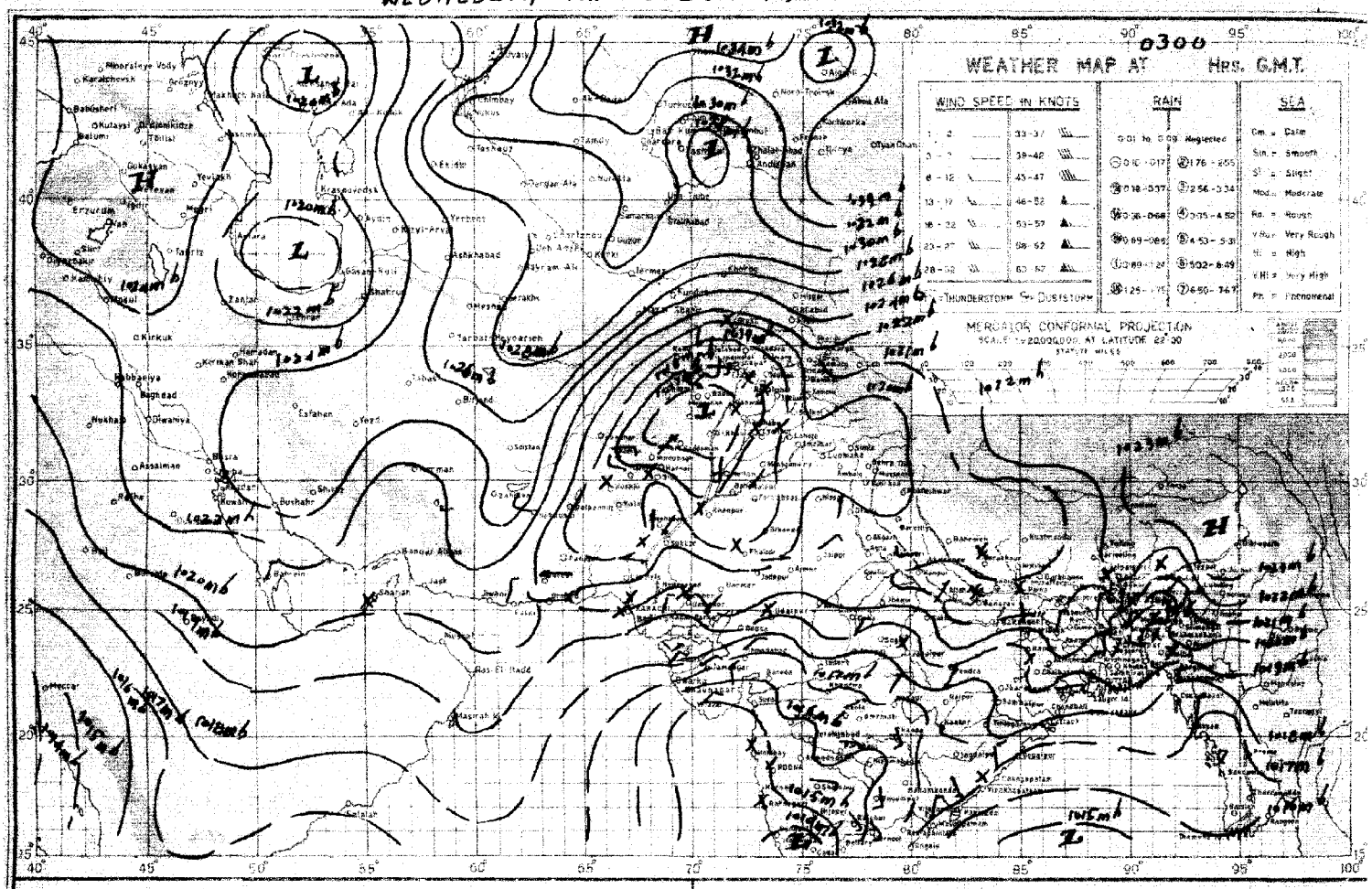



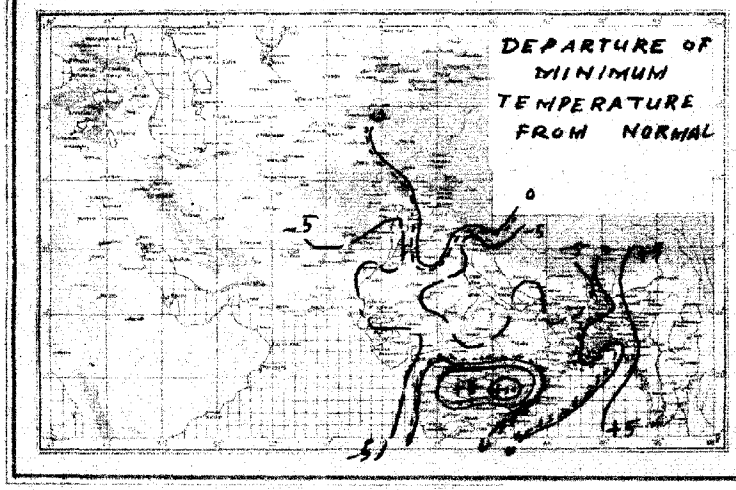



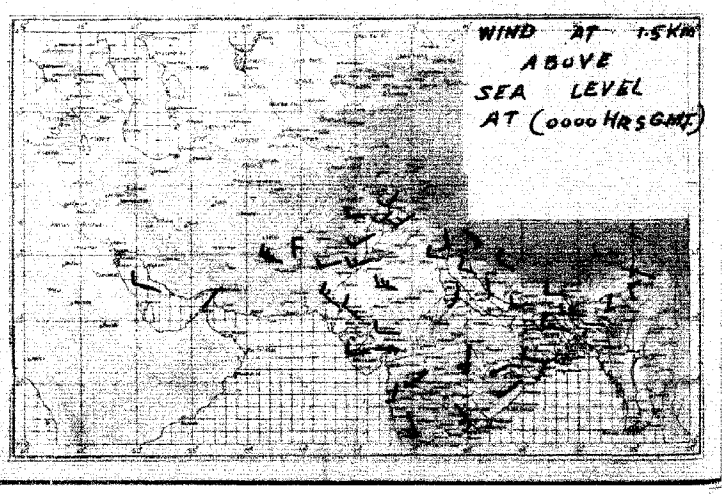

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4TH FEBRUARY, 1970



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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 5th FEBRUARY 1970.**

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

Yesterday's low pressure area over Sargodha and D. I. Khan divisions moved away rapidly across Lahore division. A trough of low pressure lies over Quetta and Kalat divisions. Scattered rain/thundershowers have occurred in Peshawar division where Kakul recorded ½" of rain. Weather remained dry elsewhere over West Pakistan.

The westerly low pressure wave over Chittagong division moved away eastwards. Dry weather prevailed over East Pakistan.

Night temperatures were 3—8 °F (2—4 °C) below normal in Chittagong, Dacca, Lahore, Multan, Bahawalpur, Quetta and Hyderabad divisions and were nearly normal elsewhere over the country.

**Forecast valid until the evening of 6th February 1970 :—** Weather is likely to be mainly dry over the country.

Karachi-11
The 5th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Station (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 0 | 27 | 02 | // | 00 | 6 | 142 | 77 | 0 | 0 | 9 | 0 | 0 | 59 | 85 |
| | Cox's Bazar | — | 000 | 0 | 1 | 36 | 10 | // | 03 | 0 | 140 | 74 | 0 | 0 | 9 | 0 | 0 | 65 | 85 |
| | Chittagong | — | 000 | 0 | 1 | 31 | 03 | 96 | 02 | 0 | 143 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 85 |
| | Maijdee Court | — | | | | | | | | | | | | | | | | | |
| | Comilla | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sylhet | — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 145 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 80 |
| | Srimangal | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 160 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Dacca | Mymensingh | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 159 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Narayanganj | — | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 154 | 72 | 0 | 0 | 9 | 0 | 5 | 55 | 80 |
| | Dacca (Tejgaon) | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 153 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| | Faridpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 9 | 127 | 74 | 0 | 0 | 9 | 0 | 0 | 55 | 78 |
| Khulna | Barisal | — | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 150 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 82 |
| | Khulna | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 166 | 76 | 0 | 0 | 9 | 0 | 0 | 73 | 85 |
| | Satkhira | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 0 | 70 | 78 |
| | Jessore | — | 000 | 0 | 0 | 33 | 03 | 96 | 02 | 0 | 153 | 74 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Rajshahi | Pabna | — | 000 | 0 | 0 | 13 | 05 | 96 | 05 | 0 | 156 | 75 | 0 | 0 | 9 | 0 | 0 | 72 | 78 |
| | Sirajganj | — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 158 | 70 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| | Rajshahi | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 158 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| | Bogra | — | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 147 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Dinajpur | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 157 | 72 | 0 | 0 | 9 | 0 | 0 | // | 77 |
| | Rangpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 166 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 177 | 66 | 0 | 0 | 9 | 0 | 0 | 39 | 70 |
| | Sialkot | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 155 | 59 | 0 | 0 | 9 | 0 | 0 | 34 | 75 |
| Rawalpindi | Jhelum | — | 000 | 0 | 2 | 05 | 00 | 97 | 02 | 1 | 180 | 65 | 2 | 0 | 5 | 4 | 0 | 39 | 72 |
| | Islamabad | — | 000 | 0 | 2 | 05 | 02 | 97 | 01 | 0 | /// | 66 | 1 | 2 | 8 | 2 | 0 | 34 | 60 |
| | Rawalpindi | — | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 184 | 62 | 1 | 2 | 8 | 0 | 0 | 32 | 66 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 165 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 74 |
| | Sargodha | — | 000 | 0 | 1 | 09 | 02 | 97 | 02 | 0 | 177 | 70 | 1 | 0 | 9 | 3 | 0 | 33 | 72 |
| | Lyallpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 170 | 65 | 0 | 0 | 9 | 0 | 0 | 37 | // |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 0 | 05 | 07 | 97 | 02 | 8 | 173 | 70 | 0 | 0 | 9 | 0 | 0 | 26 | 72 |
| | Leiah | — | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 148 | 66 | 0 | 0 | 9 | 0 | 0 | 34 | 66 |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 165 | 74 | 0 | 0 | 9 | 0 | 0 | 14 | 76 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 157 | 70 | 0 | 0 | 9 | 0 | 0 | 33 | 74 |
| | Fort Abbas | — | 000 | 0 | 0 | 23 | 02 | 58 | 00 | 0 | 147 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 71 |
| Malakand | Chakdra | — | 000 | 0 | 7 | 23 | 07 | 96 | 05 | 1 | 149 | 58 | 7 | 3 | 6 | 0 | 0 | 33 | 60 |
| Peshawar | Peshawar | — | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 188 | 65 | 1 | 1 | 6 | 0 | 0 | 46 | 66 |
| | Haripur | — | 000 | 0 | 0 | 25 | 03 | 98 | 00 | 0 | 172 | 61 | 0 | 0 | 9 | 0 | 0 | 32 | 65 |
| D. I. Khan | Bannu | — | 000 | 0 | 2 | 18 | 03 | 99 | 01 | 2 | 179 | 66 | 2 | 1 | 7 | 0 | 0 | 24 | 70 |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 184 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 70 |
| Quetta | Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 174 | 76 | 0 | 0 | 9 | 0 | 0 | 48 | 77 |
| | Nokkundi | — | 000 | 0 | 0 | 13 | 05 | 97 | 02 | 0 | 188 | 66 | 0 | 0 | 9 | 0 | 0 | 27 | 68 |
| Kalat | Turbat | — | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 193 | 76 | 0 | 0 | 5 | 0 | 0 | 24 | 74 |
| | Jiwani | — | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 179 | 77 | 0 | 0 | 9 | 0 | 0 | 39 | 77 |
| | Pasni | — | 000 | 0 | 0 | 11 | 08 | 97 | 02 | 0 | /// | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| Karachi division | Ormara | — | 000 | 0 | 0 | 27 | 07 | 95 | 02 | 0 | 171 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 79 |
| | Lasbela | — | 000 | 0 | 2 | 36 | 02 | 98 | 00 | 0 | 158 | 81 | 0 | 0 | 8 | 0 | 0 | 36 | 82 |
| | Karachi (Manora) | — | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 160 | 77 | 0 | 0 | 9 | 0 | 0 | 46 | 83 |
| | Karachi (Airport) | — | 000 | 0 | 0 | 02 | 03 | 96 | 02 | 0 | 158 | 80 | 0 | 0 | 9 | 0 | 0 | 15 | 81 |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 07 | 97 | 02 | 0 | 172 | 75 | 0 | 0 | 9 | 0 | 0 | 75 | 78 |
| | Chhor | — | 000 | 0 | 0 | 36 | 06 | 96 | 02 | 0 | 155 | 74 | 0 | 0 | 9 | 0 | 0 | 28 | 79 |
| | Hyderabad | — | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 0 | 166 | 78 | 0 | 0 | 9 | 0 | 0 | 34 | 80 |
| | Badin | — | 000 | 0 | 0 | 36 | 08 | 97 | 02 | 0 | 144 | 80 | 3 | 4 | 9 | 6 | 2 | 34 | 83 |
| Khairpur | Padidan | — | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 168 | 75 | 0 | 0 | 9 | 0 | 0 | 32 | 76 |
| | Nawabshah | — | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 177 | 76 | 0 | 0 | 9 | 0 | 0 | 40 | 79 |
| | Sukkur | — | 000 | 6 | 0 | 13 | 02 | 96 | 02 | 0 | 152 | 74 | 0 | 0 | 9 | 0 | 0 | 36 | 75 |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 0 | 34 | 09 | 97 | 02 | 0 | 174 | 74 | 0 | 0 | 9 | 0 | 0 | 36 | 75 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | |
| | Dras | ** ... | | | | | | | | | | | | | | | | | |
| | Leh | ** ... | | | | | | | | | | | | | | | | | |
| | Skardu | * ... | | | | | | | | | | | | | | | | | |
| | Misgar | ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat | * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 537 | 51 | 0 | 0 | 9 | 0 | 0 | 33 | 52 |
| | Kohat | * ... | 082 | 3 | 4 | 11 | 05 | 97 | 01 | 6 | 523 | 48 | 2 | 5 | 6 | 0 | 5 | 29 | 54 |
| | Landikotal | * ... | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 462 | 55 | 0 | 0 | 9 | 0 | 0 | 24 | 58 |
| | Parachinar | * ... | 000 | 0 | 1 | 00 | 00 | 99 | 01 | 1 | 519 | 49 | 1 | 1 | 9 | 3 | 0 | 17 | 52 |
| | Miranshah | * ... | 000 | 0 | 0 | 05 | 03 | 99 | 00 | 0 | 497 | // | 0 | 0 | 9 | 0 | 0 | 32 | // |
| D. I. Khan | Wana | * ... | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 514 | 53 | 0 | 0 | 9 | 0 | 0 | 15 | 55 |
| | Hindubagh | * ... | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 29 | 40 |
| | Loralai | * ... | 000 | 0 | 0 | 27 | 04 | 98 | 00 | 0 | 490 | 42 | 0 | 0 | 7 | 0 | 0 | 35 | 46 |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | |
| | Harnai | * ... | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 505 | 63 | 0 | 0 | 9 | 0 | 0 | 35 | 63 |
| | Samungli (Quetta) | * ... | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 529 | 44 | 0 | 0 | 9 | 0 | 0 | 27 | 45 |
| | Chaman | * ... | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 551 | 61 | 0 | 0 | 9 | 0 | 0 | 29 | 51 |
| | Nushki | * ... | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 597 | 53 | 0 | 0 | 9 | 0 | 0 | 32 | 61 |
| | Dalbandin | * ... | 000 | 0 | 0 | 05 | 07 | 98 | 02 | 0 | 548 | 58 | 0 | 0 | 9 | 0 | 0 | 27 | 60 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 548 | 41 | 0 | 0 | 9 | 0 | 0 | 19 | 49 |
| | Khuzdar | * ... | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 514 | 61 | 0 | 0 | 9 | 0 | 0 | // | 61 |
| | Panjgur | * ... | | | | | | | | | | | | | | | | | |

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

| Station (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Ws (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | 184 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | — | — | 1.8 | — | 0.3 | — |
| Cox's Bazar | 000 | 0 | 0 | 06 | 08 | 96 | 01 | 2 | 170 | 84 | 0 | 0 | 9 | 0 | 0 | 58 | // | + 5 | / | 0.7 | — 3.7 | 0.0 | 140 |
| Chittagong | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 175 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | + 2 | 0 | 1.4 | — 1.8 | 0.1 | 106 |
| Maijdee Court | | | | | | | | | | | | | | | | | | | | | | | 115 |
| Comilla | 000 | 0 | 0 | 31 | 05 | 95 | 03 | 0 | 180 | 40 | 0 | 0 | 9 | 0 | 0 | 54 | 49 | | — 5 | 1.3 | — 1.8 | 0.8 | 94 |
| Brahmanbaria | 009 | 0 | 0 | 11 | 05 | 95 | 02 | 0 | 175 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 51 | | — | 2.1 | + 0.4 | 0.0 | 78 |
| Sylhet | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 173 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — | — | 3.6 | — | 2.1 | — |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 182 | 60 | 0 | 0 | 9 | 0 | 0 | // | 45 | + 1 | — 4 | 3.0 | + 0.8 | 1.6 | 98 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 182 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | + 2 | — 3 | 1.2 | — 0.2 | 0.9 | 91 |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 178 | 69 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | + 1 | — 2 | 2.5 | + 0.8 | 1.1 | 74 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 177 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 54 | — | — | 1.9 | — | 0.7 | — |
| Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | + 1 | | | | | 71 |
| Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | 81 |
| Khulna | 000 | 0 | 0 | 00 | 09 | 97 | 09 | 0 | 175 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | + 6 | — 1 | 1.5 | — 0.4 | 0.1 | 68 |
| Satkhira | 005 | 0 | 0 | 36 | 04 | 97 | 00 | 0 | 179 | 65 | 0 | 0 | 5 | 0 | 0 | 45 | 54 | — 4 | — 1 | 0.2 | — 1.2 | 0.0 | 68 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 179 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | — | | 2.4 | + 0.9 | 1.3 | 65 |
| Pabna | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 176 | 66 | 0 | 0 | 9 | 0 | 0 | 54 | 52 | — | — | 2.9 | — | 1.9 | 59 |
| Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 174 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 51 | + 2 | — 1 | 1.9 | + 0.6 | 1.5 | 64 |
| Rajshahi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 183 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | + 1 | — 1 | 4.1 | + 2.9 | 1.2 | — |
| Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 176 | 60 | 0 | 0 | 9 | 0 | 0 | // | 54 | + 2 | + 1 | 1.7 | + 0.4 | 0.5 | 69 |
| Dinajpur | 000 | 0 | 0 | 06 | 02 | 96 | 00 | 0 | 177 | 66 | 0 | 0 | 9 | 0 | 0 | 61 | // | + 1 | / | 1.6 | + 0.7 | 0.8 | 73 |
| Rangpur | 009 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 171 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 31 | + 3 | + 1 | 2.3 | + 1.4 | 0.8 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 217 | 45 | 1 | 0 | 9 | 2 | 6 | // | 43 | + 1 | + 2 | 0.8 | — 1.0 | 0.8 | 19 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 58 | 0 | 0 | 9 | 0 | 0 | 34 | 40 | + 9 | — 4 | 1.6 | — 1.5 | 1.6 | 32 |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 216 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 43 | — | — | 1.8 | — | 1.7 | — |
| Islamabad | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | /// | 43 | 2 | 3 | 7 | 1 | 0 | 32 | 41 | — | — | 5.3 | — | 5.3 | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 232 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | + 4 | — 1 | 2.9 | — 1.6 | 2.7 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | // | // | // | / | 221 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | + 7 | — 2 | 0.3 | — 1.1 | 0.3 | 15 |
| Sargodha | 000 | 0 | 1 | 00 | 00 | 95 | 11 | 0 | 220 | 40 | 0 | 0 | 9 | 0 | 1 | 35 | 38 | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 211 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 41 | / | 0 | 0.4 | — 0.4 | 0.4 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 226 | 40 | 0 | 0 | 9 | 0 | 1 | 33 | 38 | + 3 | — 3 | 0.1 | — 0.7 | 0.1 | 7 |
| Leiah | 000 | 0 | 0 | 36 | 01 | 97 | 07 | 0 | 189 | 41 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 215 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 31 | + 1 | — 6 | 0.7 | + 0.2 | 0.4 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 194 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 43 | + 1 | — 1 | 0.0 | — 0.4 | 0.0 | 6 |
| Fort Abbas | 000 | 0 | 0 | 05 | 05 | 98 | 00 | 0 | 210 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 48 | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 235 | 36 | 0 | 0 | 9 | 0 | 4 | 32 | 35 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 229 | 45 | 2 | 0 | 9 | 3 | 4 | // | 43 | + 3 | — 2 | 1.6 | — 1.1 | 1.0 | 11 |
| Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 231 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | — | — | 2.9 | — | 1.9 | — |
| Bannu | 000 | 0 | 5 | 29 | 02 | 98 | 02 | 1 | 224 | 47 | 0 | 0 | 9 | 4 | 0 | 32 | 43 | — | — | 0.7 | + 0.1 | 0.3 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 225 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 41 | + 2 | — 1 | 1.1 | — | 1.1 | 9 |
| Sibi | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 1 | 226 | 46 | 2 | 0 | 9 | 0 | 0 | 38 | 41 | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | 000 | 0 | 0 | 31 | 02 | 96 | 03 | 0 | 225 | 47 | 0 | 0 | 9 | 0 | 0 | 30 | 45 | — | — | 1.7 | — | 1.7 | 8 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 201 | 53 | 0 | 0 | 9 | 0 | 0 | 34 | 58 | — | — | 0.4 | — | 0.4 | — |
| Jiwani | 003 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 158 | 59 | 0 | 0 | 9 | 0 | 0 | 45 | 58 | — | — | 8.7 | — | 7.9 | 8 |
| Pasni | 000 | 0 | 0 | 35 | 10 | 97 | 02 | 0 | 182 | 56 | 0 | 0 | 9 | 0 | 0 | 38 | // | + 4 | / | 2.5 | + 0.8 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 195 | 60 | 0 | 0 | 9 | 0 | 0 | 55 | 45 | — | — | 3.3 | — 0.6 | 2.3 | 6 |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 199 | 48 | 0 | 0 | 8 | 0 | 0 | 36 | 44 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 65 | 03 | 96 | 03 | 0 | 205 | 59 | 0 | 0 | 9 | 0 | 0 | 38 | 58 | + 9 | 0 | 0.3 | — 0.5 | 0.3 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 05 | 03 | 94 | 02 | 0 | 200 | 54 | 0 | 0 | 9 | 0 | 0 | 29 | 41 | — | — | 0.3 | — | 0.3 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 205 | 57 | 0 | 0 | 0 | 0 | 0 | 37 | 57 | — | — | 0.0 | — | 0.0 | — |
| Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 200 | 40 | 0 | 0 | 9 | 0 | 0 | 34 | 42 | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 209 | 54 | 0 | 0 | 9 | 0 | 0 | 31 | 48 | + 3 | — 3 | 0.2 | — 0.1 | 0.2 | 9 |
| Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 187 | 46 | 0 | 0 | 9 | 0 | 0 | 34 | 44 | + 3 | — 8 | 0.1 | — 0.5 | 0.1 | — |
| Padidan | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 218 | 38 | 0 | 0 | 9 | 0 | 0 | 34 | 36 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 214 | 42 | 0 | 0 | 9 | 0 | 0 | 32 | 40 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 2 | 0 | 05 | 02 | 94 | 05 | 4 | 216 | 45 | 0 | 0 | 9 | 0 | 0 | 49 | 41 | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 218 | 45 | 0 | 0 | 9 | 0 | 0 | 37 | 44 | + 3 | — 2 | 0.2 | — 0.4 | 0.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 34 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 563 | 32 | 0 | 0 | 9 | 0 | 0 | 16 | 31 | | 0 | 1.6 | — | 1.0 | 39 |
| Cherat | 000 | 0 | 0 | 18 | 02 | 98 | 02 | 0 | 541 | 43 | 0 | 0 | 9 | 0 | 0 | 30 | 40 | + 4 | + 3 | 3.0 | — | 1.8 | — |
| Kohat | 002 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 530 | 38 | 0 | 0 | 9 | 0 | 0 | 23 | 35 | — | — | 4.6 | — | 3.7 | — |
| Landikotal | 000 | 0 | 0 | 31 | 05 | 98 | 03 | 0 | 604 | 35 | 0 | 0 | 9 | 0 | 0 | 30 | 35 | — | — | 0.9 | — | 0.2 | 29 |
| Parachinar | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 1 | 552 | 32 | 0 | 0 | 9 | 3 | / | // | 30 | + 1 | 0 | 2.2 | — | 1.6 | 13 |
| Miranshah | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 492 | 56 | 0 | 0 | 9 | 0 | 0 | 49 | // | — | — | 0.0 | — 1.9 | 0.0 | 11 |
| Wana | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Fort Sandeman | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 535 | 40 | 0 | 0 | 9 | 0 | 3 | 26 | 28 | — 4 | — 7 | 0.4 | — 1.2 | 0.4 | — |
| Hindubagh | 000 | 0 | 0 | 23 | 19 | 97 | 02 | 0 | /// | 18 | 0 | 0 | 9 | 0 | 0 | 01 | 12 | — | — | 1.2 | — | 1.0 | 9 |
| Loralai | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 495 | 29 | 0 | 0 | 9 | 0 | 0 | 25 | 21 | — | — | 0.3 | — | 0.3 | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 507 | 42 | 0 | 0 | 9 | 0 | 0 | 26 | 41 | — | — | 0.7 | — 1.4 | 0.7 | 9 |
| Samungli (Quetta) | 000 | 0 | 3 | 00 | 00 | 94 | 03 | 0 | 552 | 28 | 3 | 0 | 9 | 3 | 0 | 26 | 27 | — | — | 1.9 | — 1.7 | 1.2 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 553 | 39 | 0 | 0 | 9 | 0 | 0 | 31 | 33 | — 2 | 0 | 7.7 | + 3.0 | 7.7 | — |
| Nushki | 000 | 0 | 2 | 09 | 07 | 97 | 02 | 0 | 550 | 44 | 0 | 0 | 9 | 0 | 2 | 28 | 42 | — | — | 3.0 | — | 2.9 | 4 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 528 | 37 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | — 4 | — 3 | 2.3 | + 0.4 | 2.2 | 9 |
| Kalat | 002 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 382 | // | 0 | 0 | 9 | 0 | 0 | 20 | 30 | — 2 | — 1 | 0.9 | — 1.9 | 0.9 | — |
| Khuzdar | 003 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 528 | 37 | 0 | 0 | 9 | 0 | 0 | 21 | 36 | — | — | 1.0 | — | 1.0 | 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 1200 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
When ever 999 is given see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 5th FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wa}T$ | $3P_wP_wH_wH_w$d | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Almahroosa ... ... | 99 1 93 | 10 6 29 | 04 0 03 | 20 1 11 | 99 0 10 | 16 6 22 | 21 5 00 | ... | 73 4 00 | | 05 4 14 | | 30 5 03 | 36 6 03 |
| Hinna ... ... | 99 2 62 | 10 5 45 | 04 0 03 | 13 1 12 | 99 0 30 | 19 9 20 | 00 0 40 | 33 4 00 | ... | | 05 4 16 | 17 2 02 | 30 5 01 | 00 0 00 |
| Sten Flyer ... ... | 99 2 00 | 10 6 42 | 04 0 63 | 20 2 10 | 98 0 11 | 19 6 23 | 21 3 00 | 19 2 25 | | | 0/ / 13 | 12 4 43 | 30 3 03 | 03 3 03 |
| Almahroosa ... ... | 99 2 04 | 10 6 22 | 04 0 63 | 80 1 12 | 99 0 11 | 20 3 22 | 00 6 00 | — | 73 0 30 | | 05 2 11 | ... | 30 5 03 | 36 6 04 |
| Nachimaru ... ... | 99 1 87 | 10 6 51 | 04 1 23 | 60 3 15 | 98 0 31 | 18 5 25 | 62 4 00 | ... | 73 7 15 | | 0/ / 17 | 12 8 00 | 30 5 02 | 01 6 03 |
| Almahroosa ... ... | 99 2 13 | 10 6 14 | 04 1 23 | 00 1 12 | 99 0 20 | 16 9 23 | 00 6 03 | ... | 73 6 15 | | 05 1 16 | --- | 30 5 03 | 36 6 04 |
| Hinna ... ... | 99 2 55 | 10 5 74 | 04 1 23 | 02 9 02 | 99 0 20 | 20 0 23 | 80 9 00 | 33 6 14 | ... | | 05 0 09 | 17 4 00 | 30 0 00 | 99 7 01 |
| Hinna ... ... | 99 2 45 | 10 5 83 | 04 1 07 | 01 2 05 | 99 0 30 | 19 7 22 | 80 9 03 | 33 4 00 | ... | | 05 2 16 | 17 3 20 | 30 1 01 | 00 8 00 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 160 57 | ... | 595 076 56 | 059 028 59 | 516 151 60 | 746 207 60 | 952 353 59 | 223 565 // | 400 697 // | 632 805 // | ... | ... | ... |
| Dacca ... | 00 00 | MISDA | ... | ... | .. | ... | ... | --- | ... | — | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 015 120 61 | ... | 456 060 60 | 971 005 // | 549 141 // | 735 251 // | 957 395 // | 200 521 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 005 040 20 | .. | 500 174 55 | 080 051 45 | 564 231 // | 725 311 // | ... | | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 975 054 27 | ... | 400 034 45 | 971 081 30 | 551 251 // | 710 345 // | 906 457 // | 171 521 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | | | | | | | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 95. 084 55 | ... | 450 034 55 | 007 040 10 | 557 221 // | 718 325 // | 917 411 // | 185 531 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 112 58 | 846 066 58 | 800 094 58 | 666 000 32 | 60. 031 18 | 600 033 50 | 350 267 50 | ... | ... | 107 255 97 | — | ... |
| Dacca ... | 00 00 | MISDA | - | ... | ... | ... | ... | — | ... | ... | ... | — | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | — | — | ... | — | — | ... | 200 291 08 | ... | ... |
| Multan ... | 00 00 | - | ... | — | ... | — | ... | ... | ... | ... | | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | 200 280 62 | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | — | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T.† of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 360 10 | 355 09 | 325 10 | 310 15 | 295 17 | 275 17 | ... | — | ... |
| Bogra ... | 280 12 | 290 09 | 290 07 | 250 10 | 300 12 | 305 15 | 285 38 | ... | ... |
| Chaklala ... | .. | 055 05 | 035 02 | 360 02 | 330 09 | 360 03 | 280 07 | 270 06 | 285 04 |
| Chhor ... | 005 07 | 005 08 | 010 09 | 360 10 | 330 16 | 310 21 | 290 37 | 290 59 | 290 44 |
| Chittagong ... | 310 19 | 310 17 | 315 12 | 345 06 | 320 10 | 340 09 | .. | ... | ... |
| Cherat ... | ... | ... | ... | — | ... | ... | ... | ... | .. |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Dacca ... | ... | ... | | | .. | ... | ... | ... | ... |
| Dalbandin ... | ... | . | 095 06 | 065 11 | 040 09 | 350 16 | 300 43 | 295 58 | 295 60 |
| D. I. Khan ... | 060 03 | 050 03 | 050 05 | 055 07 | 020 07 | 340 11 | 320 25 | 315 34 | 315 54 |
| Drosh ... | -- | ... | ... | | ... | ... | | ... | ... |
| Fort Sandeman ... | .. | ... | ... | 015 04 | 325 21 | 330 13 | 320 29 | 330 45 | 320 64 |
| Gilgit ... | ... | | | 280 06 | 205 06 | 130 07 | 345 04 | ... | ... |
| Jahurdi ... | 295 05 | 295 07 | 305 09 | 305 12 | 310 17 | 300 32 | ... | | .. |
| Jacobabad ... | 335 14 | 335 14 | 335 03 | 330 13 | 350 13 | 360 29 | 315 33 | 305 47 | .. |
| Jessore ... | 320 04 | 325 06 | 330 05 | 300 15 | 300 15 | 290 17 | ... | | |
| Jhelum ... | 030 03 | 015 01 | 015 02 | 355 02 | 320 03 | 255 05 | 290 08 | 280 16 | 280 23 |
| Jiwani ... | 030 03 | 020 04 | 345 06 | 350 10 | 330 17 | 310 23 | 305 32 | 295 47 | 285 51 |
| Karachi ... | 040 12 | 030 07 | 005 07 | 035 08 | 005 14 | 300 23 | 285 31 | 280 36 | 280 44 |
| Khanpur ... | 325 10 | 330 08 | 325 10 | 325 13 | 270 11 | 245 12 | 250 30 | 335 41 | 260 49 |
| Khuzdar ... | | | | 330 07 | 335 07 | 320 21 | 295 17 | 275 41 | 280 49 |
| Lahore ... | 235 01 | 215 03 | 210 03 | 180 02 | 185 02 | 345 01 | 205 11 | 230 08 | 255 11 |
| Multan ... | 355 30 | 550 34 | 350 41 | 355 47 | 350 38 | ... | | | ... |
| Nawab Shah ... | 005 06 | 360 07 | 350 08 | 250 11 | 355 17 | 315 30 | 285 40 | 275 47 | 270 46 |
| Nokkundi ... | ... | . | 265 05 | 245 04 | 235 04 | 295 12 | 305 22 | 340 28 | ... |
| Panjgur ... | --- | | | | | ... | | | |
| Peshawar ... | .. | 090 03 | 035 04 | 330 08 | 310 09 | 315 12 | 300 18 | 300 22 | 300 37 |
| Parachinar ... | -- | .. | .. | 365 07 | 120 03 | 305 25 | 310 13 | .. | 320 31 |
| Quetta ... | | ... | | ... | 325 19 | 345 26 | 335 30 | . | ... |
| Sargodha ... | 080 02 | 095 02 | 030 01 | 045 04 | 300 03 | 320 15 | 300 27 | 290 57 | 295 64 |
| Skardu ... | .. | .. | | 050 01 | 070 01 | . | ... | .. | .. |
| Sylhet ... | 285 10 | 280 08 | 280 03 | 185 03 | 119 07 | 360 09 | .. | — | ... |
| Veraval ... | ... | ... | . | ... | ... | - | - | ... | ... |

| Height in Kms. a.s.l. → | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 135 13 | 185 03 | 150 05 | 070 05 | 190 10 | 280 37 |
| Bogra ... | 035 14 | 060 06 | 080 09 | 300 04 | 290 13 | 265 16 |
| Chaklala ... | ... | 085 04 | 360 05 | 015 06 | 240 08 | 330 02 |
| Chhor ... | 045 25 | 045 31 | 045 21 | 070 10 | 075 // | 105 01 |
| Chittagong ... | — | — | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | — |
| Cox's Bazar ... | ... | ... | | | | |
| Dacca ... | 005 14 | 350 // | 350 06 | 280 05 | 190 09 | 260 08 |
| Dalbandin ... | ... | ... | 065 05 | 065 12 | 060 16 | 310 21 |
| D. I. Khan ... | 280 06 | 300 02 | 260 02 | 265 04 | 270 04 | 280 08 |
| Drosh ... | | | | 195 02 | 050 07 | 010 12 |
| Fort Sandeman ... | No | Ascent | ... | ... | . | ... |
| Gilgit ... | | | ... | | | |
| Jahurdi ... | 340 12 | 345 06 | 345 05 | 295 11 | 280 18 | .. |
| Jacobabad ... | 095 08 | 150 06 | 210 05 | 186 10 | 210 15 | 250 19 |
| Jessore ... | 340 13 | 330 13 | 325 14 | 320 15 | 300 28 | 275 40 |
| Jhelum ... | 345 10 | 325 10 | 325 12 | 340 17 | /// // | 335 23 |
| Jiwani ... | 345 10 | 315 10 | 360 05 | 315 04 | 350 03 | 300 13 |
| Karachi ... | | | | | | |
| Khanpur ... | 045 14 | 035 19 | 025 17 | 045 13 | 035 20 | 360 17 |
| Khuzdar ... | | | | 100 02 | 305 10 | 285 17 |
| Lahore ... | 320 09 | 320 10 | 330 10 | 345 09 | 295 09 | 305 10 |
| Multan ... | 045 07 | 030 09 | 030 07 | 030 03 | 020 15 | 015 31 |
| Nawab Shah ... | 045 14 | 040 10 | 060 08 | 020 13 | 230 12 | 310 12 |
| Nokkundi ... | ... | .. | 140 08 | 160 05 | 160 01 | 235 07 |
| Panjgur ... | ... | | | | | |
| Peshawar ... | ... | 260 02 | 310 02 | 340 03 | 335 14 | 335 06 |
| Parachinar ... | .. | | ... | 200 01 | ... | 310 02 |
| Quetta ... | No | Ascent | | | | |
| Sargodha ... | 340 03 | 305 16 | 340 // | 085 08 | 025 15 | 360 27 |
| Skardu ... | ... | | | | | |
| Sylhet ... | 135 13 | 185 03 | 150 05 | 070 05 | 190 10 | 283 37 |
| Veraval ... | - | . | | ... | . | - |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 325 03 | 325 07 | 325 10 | 320 15 | 300 12 | 250 13 | 270 26 | 274 47 | 265 28 | 255 86 | 255 86 |
| Bogra ... | 020 02 | 039 03 | 015 05 | 315 05 | 320 18 | 275 15 | 270 37 | 275 30 | 360 59 | 260 89 | ... |
| Chaklala ... | ... | 230 03 | 005 01 | 140 01 | 140 01 | 270 05 | 285 11 | 270 08 | 275 08 | .. | ... |
| Chhor ... | 090 13 | 045 13 | 040 14 | 025 10 | 335 08 | 295 14 | 295 49 | 280 51 | 270 50 | ... | . |
| Chittagong ... | 335 04 | 320 02 | 275 02 | 140 05 | 285 02 | 210 13 | 245 64 | 270 75 | 24/ // | 230 93 | ... |
| Cherat ... | .. | — | — | ... | ... | — | . | ... | ... | ... | ... |
| Cox's Bazar ... | | | | | | | | | | ... | ... |
| Dacca ... | 305 02 | 045 01 | 230 02 | 290 13 | 315 06 | 265 31 | 260 23 | 250 27 | 260 39 | ... | ... |
| Dalbandin ... | | | 080 06 | 050 10 | 035 07 | 330 19 | 285 22 | 285 18 | 275 21 | 275 25 | 280 34 |
| D. I. Khan ... | 335 05 | 340 08 | 285 03 | 310 04 | 230 06 | 285 11 | 300 12 | 305 23 | ... | — | .. |
| Drosh ... | .. | ... | ... | | | | | | | ... | .. |
| Fort Sandeman ... | ... | ... | ... | 290 06 | 205 08 | 220 18 | 260 30 | 300 37 | ... | — | - |
| Gilgit ... | | | | | | ... | ... | — | ... | — | ... |
| Jahurdi ... | 340 08 | 315 06 | 300 05 | 250 12 | 260 19 | ... | | | ... | ... | ... |
| Jacobabad ... | 015 08 | 080 21 | 085 33 | 130 12 | 205 04 | 045 04 | 310 07 | 300 09 | 355 10 | — | ... |
| Jessore ... | 015 06 | 030 // | 325 09 | 335 08 | 385 27 | ... | .. | ... | . . | — | ... |
| Jhelum ... | | | | | | | | | | — | ... |
| Jiwani ... | 040 04 | 335 08 | 310 07 | 305 06 | 245 05 | 295 30 | 310 39 | 305 43 | 305 44 | — | ... |
| Karachi ... | 055 19 | 060 18 | 060 14 | 030 15 | 020 13 | 300 11 | 295 31 | 285 37 | 280 30 | | — |
| Khanpur ... | 135 09 | 135 05 | 055 24 | 050 25 | 010 26 | 350 27 | 205 26 | 295 69 | 290 91 | 300 10 | ... |
| Khuzdar ... | | | | | | | | | | | ... |
| Lahore ... | 320 10 | 325 15 | 325 18 | 326 32 | 320 18 | 320 66 | 355 07 | 310 16 | 310 19 | 295 31 | 285 45 |
| Multan ... | 005 02 | 040 07 | 030 10 | 030 12 | 065 13 | 055 17 | 030 17 | 295 37 | 295 46 | 285 49 | 285 61 |
| Nawab Shah ... | 075 08 | 050 07 | 045 07 | 045 11 | 345 12 | 095 25 | | | ... | .. | - |
| Nokkundi ... | ... | ... | 095 11 | 140 06 | 330 08 | 330 32 | 295 27 | 295 44 | 305 29 | ... | ... |
| Panjgur ... | | | | | | | | | ... | | — |
| Peshawar ... | ... | 030 07 | 095 02 | 315 08 | 320 07 | 315 04 | 255 18 | 365 18 | ... | ... | ... |
| Parachinar ... | ... | ... | | | | | | | ... | .. | ... |
| Quetta ... | | | | | 180 05 | 275 17 | 305 13 | 290 44 | | ... | . |
| Sargodha ... | 335 02 | 340 08 | 335 10 | 335 11 | 320 14 | 300 21 | 295 29 | 300 31 | 300 22 | ... | ... |
| Skardu ... | | | | 040 07 | 075 05 | 185 03 | 130 03 | /// // | 135 04 | ... | ... |
| Sylhet ... | 085 07 | 070 03 | 320 03 | 190 04 | 135 05 | 265 12 | 165 20 | 255 27 | 250 32 | 285 47 | ... |
| Veraval ... | | ... | — | | ... | - | ... | ... | — | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 050 20 | 050 26 | 265 26 | 040 14 | 020 // | 280 13 | 305 29 | 300 46 | 300 49 | 270 54 | 290 62 | 295 99 | ... | — | ... | ... | ... | ... |
| Multan ... | 075 10 | 060 07 | 045 07 | 080 08 | 025 10 | 300 15 | 295 29 | 290 41 | 300 47 | 300 70 | 300 72 | | | | | | | |
| 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.

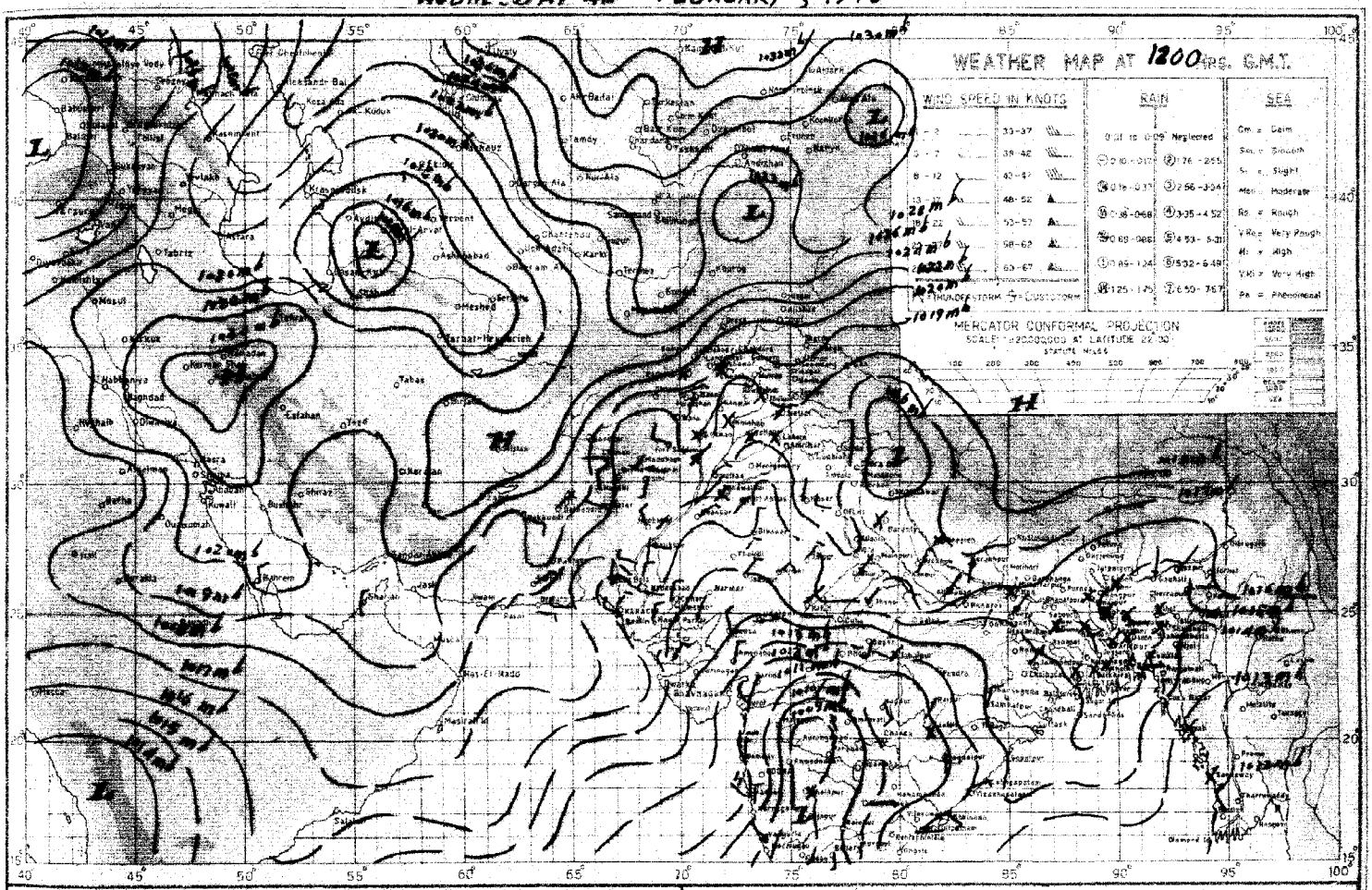
† The actual time of observations may vary within half an hour of the specified time.

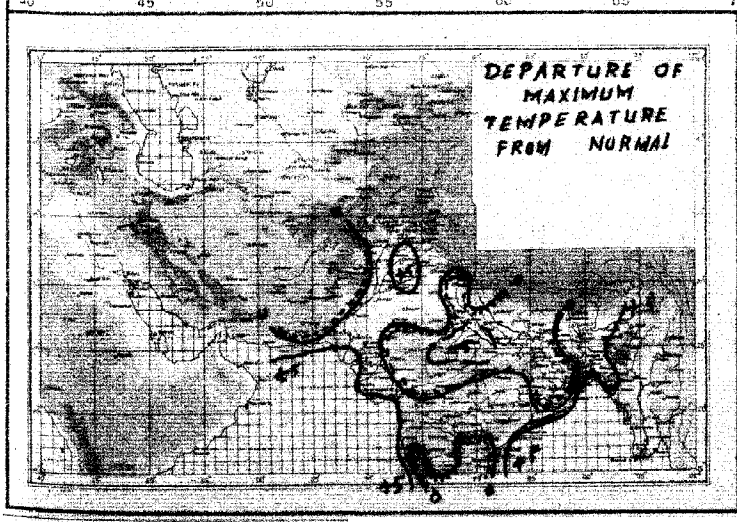
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East; The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

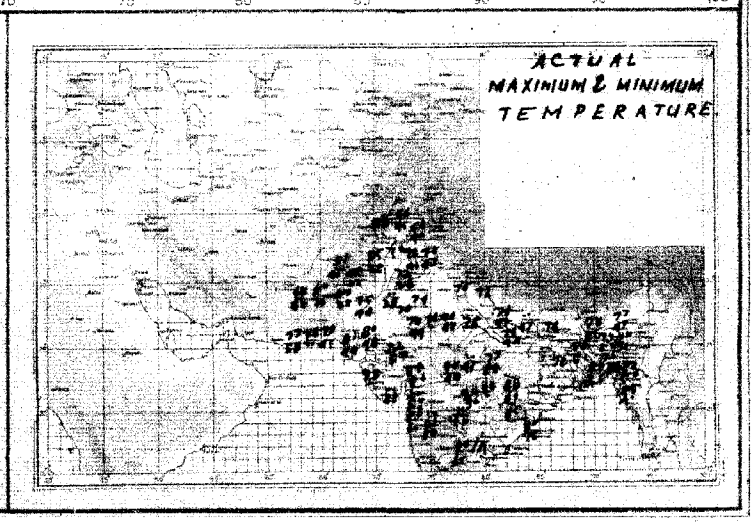
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Centre Air Port KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th FEBRUARY, 1970

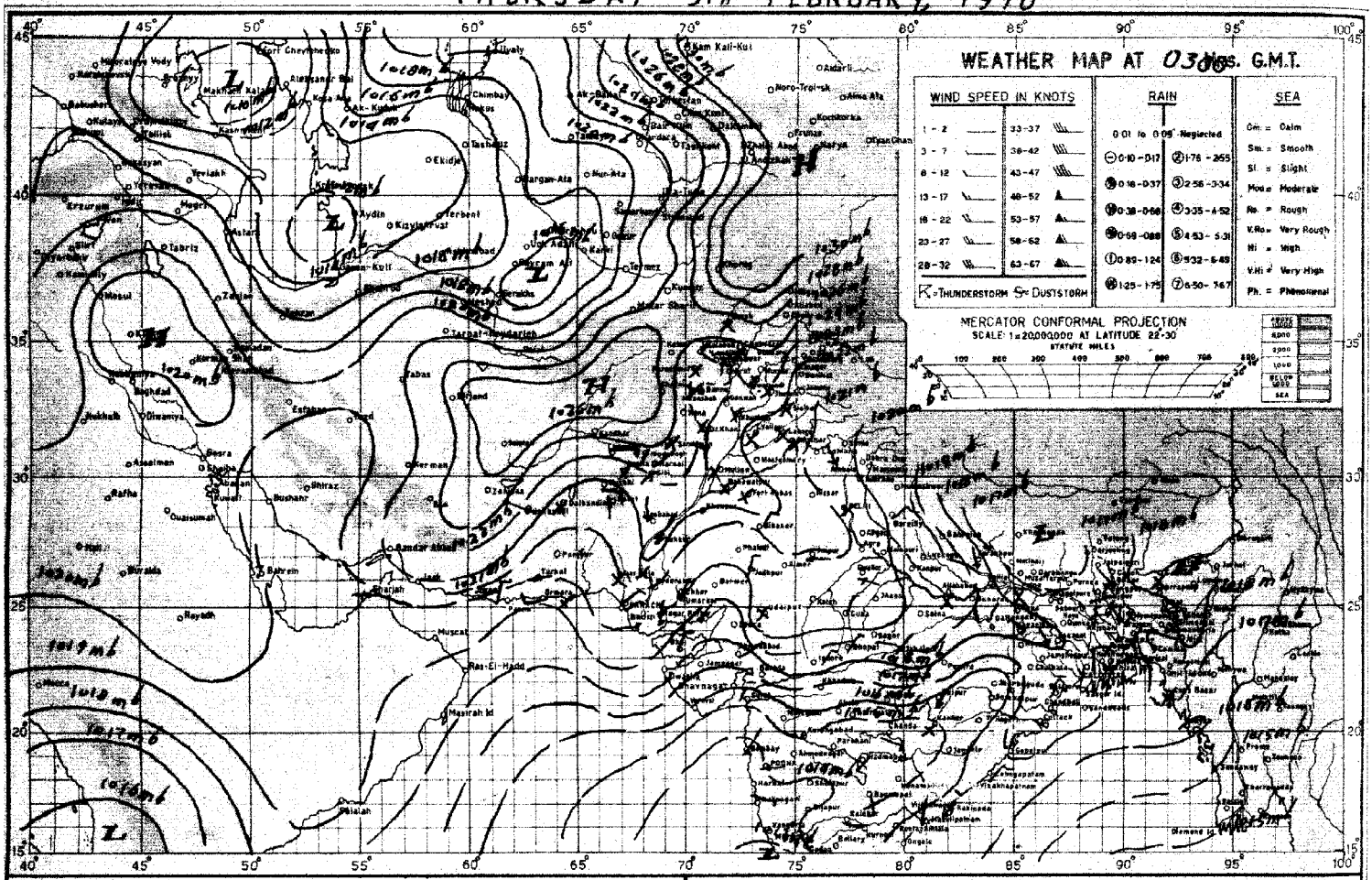


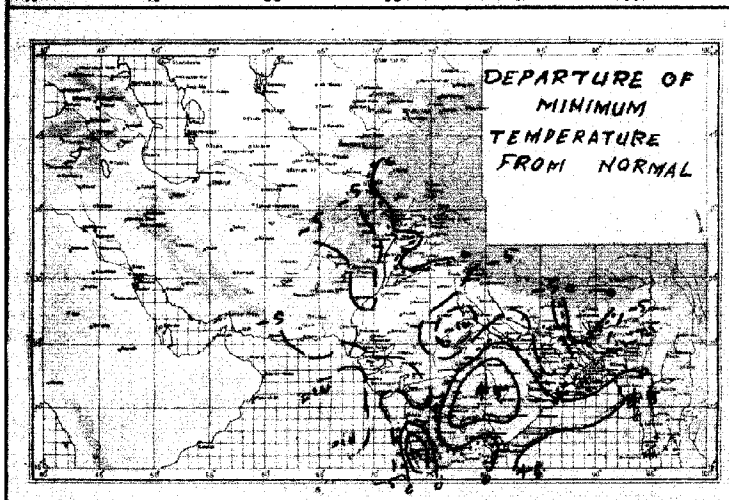



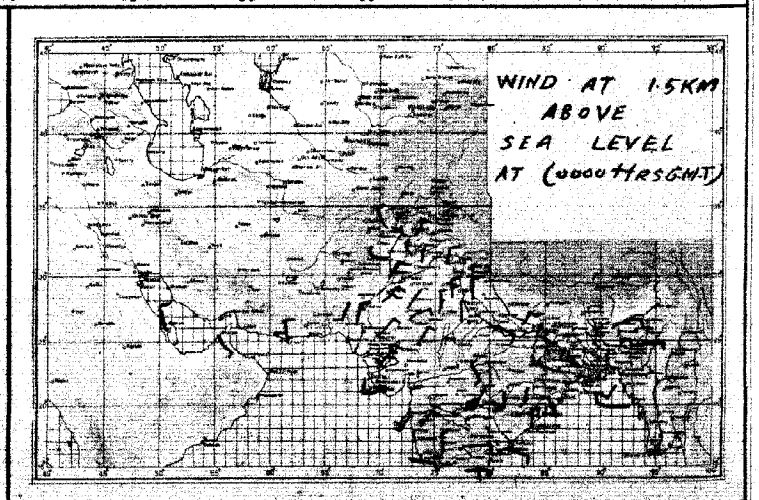



# PAKISTAN DAILY WEATHER MAP

THURSDAY 5TH FEBRUARY, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 6th FEBRUARY 1970.**

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

Yesterday's trough of low pressure over Quetta and Kalat divisions became unimportant.
A western disturbance moving across East Russian Turkistan has induced a secondary over southeast Iran.
A westerly low pressure wave is moving across Chotta Nagpur and adjoining West Bengal.
Weather remained dry over the country.
Night temperatures were 3 °F (2 °C) above normal in Rajshahi and Sargodha divisions and 3—7 °F (2—4 °C) below normal in Khulna, Rawalpindi, Multan, Bahawalpur, Peshawar, Quetta and Kalat divisions and 8—10 °F (4—6 °C) so in Hyderabad division.

**Forecast valid until the evening of 7th February 1970 :**—Scattered rain/thundershowers are likely to occur in East Pakistan and a few thunderstorms/showers in Quetta division. Weather is likely to be dry elsewhere over West Pakistan.

Karachi-11
The 6th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 135 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 82 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 09 | // | 00 | 0 | 131 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| | Chittagong | 000 | 0 | 0 | 27 | 04 | 96 | 02 | 0 | 135 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| | Halidee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 105 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 81 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 133 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 81 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 127 | 73 | 0 | 0 | 9 | 0 | 0 | // | 79 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 142 | 58 | 0 | 0 | 9 | 0 | 0 | 52 | 80 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 137 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 136 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| | Faridpur | | | | | | | | | | | | | | | | | |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 139 | 72 | 0 | 0 | 9 | 0 | 0 | 55 | 78 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 140 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 85 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 139 | 74 | 0 | 0 | 9 | 0 | 0 | 55 | 80 |
| | Jessore | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 141 | 74 | 0 | 0 | 9 | 0 | 0 | 44 | 78 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 137 | 76 | 0 | 0 | 9 | 0 | 0 | 53 | 78 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 136 | 74 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| | Rajshahi | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 139 | 73 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 137 | 73 | 0 | 0 | 9 | 0 | 0 | 53 | // |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 134 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 116 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 02 | 96 | 01 | 6 | 182 | 66 | 1 | 0 | 9 | 3 | 0 | 39 | 70 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 02 | 98 | 01 | 0 | 178 | 66 | 0 | 0 | 9 | 0 | 0 | 29 | 70 |
| | Islamabad | 000 | 0 | 1 | 27 | 02 | 97 | 01 | 0 | /// | 60 | 1 | 1 | 9 | 0 | 0 | 29 | 60 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 186 | 59 | 0 | 0 | 9 | 0 | 0 | 32 | 65 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 182 | 70 | 0 | 0 | 9 | 0 | 0 | 41 | 72 |
| | Sargodha | 000 | 0 | 0 | 31 | 02 | 97 | 01 | 1 | 180 | 72 | 0 | 0 | 9 | 0 | 0 | 38 | 73 |
| | Lyallpur | 000 | 0 | 0 | 29 | 02 | 96 | 00 | 0 | 183 | 66 | 0 | 0 | 9 | 0 | 0 | 44 | 70 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 188 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 72 |
| | Leiah | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 137 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 70 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 184 | 73 | 0 | 0 | 9 | 0 | 0 | 38 | 74 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 136 | 72 | 0 | 0 | 9 | 0 | 0 | 39 | 74 |
| | Fort Abbas | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 184 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 72 |
| Malakand | Chakdara | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 169 | 58 | 0 | 0 | 9 | 0 | 0 | 39 | 58 |
| Peshawar | Peshawar | 000 | 0 | 1 | 31 | 03 | 98 | 02 | 1 | 189 | 65 | 1 | 1 | 6 | 0 | 0 | 38 | 66 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | 000 | 0 | 2 | 33 | 02 | 99 | 01 | 1 | 185 | 62 | 0 | 0 | 9 | 0 | 2 | 33 | 65 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 187 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 72 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 195 | 74 | 0 | 0 | 9 | 0 | 0 | 56 | 75 |
| | Nokkundi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 191 | 75 | 0 | 0 | 9 | 0 | 0 | 37 | 79 |
| | Jiwani | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 183 | 75 | 0 | 0 | 9 | 0 | 0 | 41 | 78 |
| | Pasni | 000 | 0 | 0 | 11 | 03 | 97 | 02 | 0 | 140 | 72 | 0 | 0 | 0 | 0 | 0 | 64 | 74 |
| Karachi division | Ormara | 000 | 0 | 0 | 16 | 07 | 96 | 02 | 0 | 153 | 74 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 172 | 80 | 0 | 0 | 9 | 0 | 0 | 37 | 82 |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 178 | 77 | 0 | 0 | 9 | 0 | 0 | 33 | 81 |
| | Karachi (Airport) | 000 | 0 | 0 | 09 | 07 | 96 | 02 | 0 | 171 | 77 | 0 | 0 | 9 | 0 | 0 | 19 | 79 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 07 | 97 | 02 | 0 | 172 | 75 | 7 | 5 | 9 | 0 | 0 | // | 78 |
| | Chhor | 000 | 0 | 0 | 05 | 12 | 96 | 02 | 0 | 178 | 76 | 0 | 0 | 9 | 0 | 0 | // | 79 |
| | Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 182 | 78 | 0 | 0 | 9 | 0 | 0 | 48 | 78 |
| | Badin | 000 | 0 | 0 | 36 | 12 | 97 | 02 | 0 | 166 | 77 | 0 | 0 | 9 | 0 | 0 | 31 | 78 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 189 | 73 | 0 | 0 | 9 | 0 | 0 | 29 | 74 |
| | Nawabshah | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 191 | 74 | 0 | 0 | 9 | 0 | 0 | 43 | 80 |
| | Sukkur | 000 | 0 | 0 | 06 | 03 | 96 | 02 | 0 | 178 | 74 | 0 | 0 | 9 | 0 | 0 | 36 | 76 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 193 | 73 | 0 | 0 | 9 | 0 | 0 | 38 | 75 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 527 | 49 | 0 | 0 | 9 | 0 | 0 | 28 | 51 |
| | Kakul * | 000 | 0 | 1 | 31 | 02 | 98 | 03 | 0 | 521 | 52 | 0 | 0 | 9 | 0 | 1 | 24 | 52 |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 174 | 54 | 0 | 0 | 9 | 0 | 0 | 36 | 60 |
| | Parachinar * | 000 | 0 | 1 | 16 | 02 | 98 | 01 | 1 | 531 | 40 | 0 | 0 | 9 | 0 | 0 | 28 | 50 |
| | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 498 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 62 |
| D.I. Khan | Wana * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 520 | 57 | 0 | 0 | 9 | 0 | 0 | // | 58 |
| | Hindubagh * | 000 | 0 | 0 | 30 | 03 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 27 | 35 |
| | Loralai * | 000 | 0 | 0 | 27 | 04 | 98 | 00 | 0 | 490 | 45 | 0 | 0 | 9 | 0 | 0 | 36 | 49 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 410 | 61 | 0 | 0 | 9 | 0 | 0 | 37 | 61 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 535 | 49 | 0 | 0 | 9 | 0 | 0 | 28 | 53 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 543 | 53 | 0 | 0 | 9 | 0 | 0 | 29 | 56 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 555 | 59 | 0 | 0 | 9 | 0 | 0 | 38 | 64 |
| | Dalbandin * | 000 | 0 | 0 | 13 | 03 | 98 | 02 | 0 | 564 | 62 | 0 | 0 | 9 | 0 | 0 | // | 62 |
| Kalat | Kalat * | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 533 | 49 | 0 | 0 | 9 | 0 | 0 | 13 | 54 |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions | Stations | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 36 | 02 | 97 | 42 | 4 | 177 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 58 |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 09 | 96 | 02 | 0 | 155 | 69 | 0 | 0 | 9 | 0 | 0 | 56 | 59 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 161 | 64 | 0 | 0 | 9 | 0 | 0 | 50 | 56 |
| | Halidee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 171 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 54 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 164 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | /// | 69 | 2 | 5 | 9 | 0 | 0 | 58 | 54 |
| | Sylhet | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 170 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 51 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 176 | 64 | 4 | 0 | 7 | 2 | 0 | 54 | 54 |
| | Narayanganj | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 2 | 167 | 73 | 3 | 6 | 6 | 0 | 0 | 54 | 59 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 00 | 00 | 95 | 05 | 4 | 159 | 68 | 2 | 5 | 4 | 3 | 0 | 49 | 54 |
| | Faridpur | | | | | | | | | | | | | | | | | |
| Khulna | Barisal | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 2 | 166 | 62 | 3 | 4 | 4 | 0 | 0 | 56 | 54 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 164 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 60 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 179 | 67 | 2 | 2 | 5 | 1 | 0 | 47 | 54 |
| | Jessore | 000 | 0 | 1 | 34 | 03 | 96 | 05 | 1 | 167 | 64 | 1 | 2 | 5 | 3 | 0 | 54 | 54 |
| Rajshahi | Pabna | 000 | 0 | 0 | 31 | 03 | 97 | 03 | 1 | 170 | 65 | 3 | 0 | 9 | 4 | 0 | 56 | 61 |
| | Sirajganj | 000 | 0 | 2 | 36 | 09 | 98 | 02 | 2 | 155 | 60 | 2 | 0 | 7 | 2 | 0 | 54 | 54 |
| | Rajshahi | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 173 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 56 |
| | Bogra | 000 | 0 | 4 | 31 | 02 | 96 | 01 | 2 | 169 | 62 | 7 | 5 | 5 | 0 | 0 | 54 | 54 |
| | Dinajpur | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 160 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 51 |
| | Rangpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 177 | 62 | 1 | 0 | 9 | 1 | 0 | 58 | 54 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 27 | 01 | 95 | 03 | 0 | 189 | 45 | 0 | 0 | 9 | 0 | 1 | 33 | 41 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 02 | 97 | 03 | 0 | 187 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 40 |
| | Islamabad | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | /// | 47 | 1 | 2 | 9 | 0 | 0 | 41 | 47 |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | 199 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | 35 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 224 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 43 |
| | Sargodha | 000 | 0 | 1 | 27 | 02 | 96 | 04 | 0 | 194 | 40 | 0 | 0 | 9 | 0 | 1 | 33 | 35 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 190 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 45 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 00 | 93 | 41 | 4 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 38 |
| | Leiah | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 240 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 38 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 35 | 03 | 98 | 02 | 0 | 302 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 40 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 187 | 56 | 0 | 0 | 9 | 0 | 0 | 41 | 45 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 210 | 56 | 0 | 0 | 9 | 0 | 0 | 49 | 56 |
| Malakand | Chakdara | 000 | 0 | 0 | 00 | 02 | 98 | 02 | 0 | 208 | 35 | 0 | 0 | 9 | 0 | 0 | 29 | 35 |
| Peshawar | Peshawar | 000 | 0 | 1 | 13 | 02 | 97 | 02 | 0 | 201 | 43 | 0 | 0 | 9 | 0 | 0 | 32 | 40 |
| | Haripur | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 212 | 43 | 0 | 0 | 9 | 0 | 0 | 29 | 38 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 205 | 45 | 0 | 0 | 9 | 0 | 0 | 28 | 43 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 198 | 50 | 0 | 0 | 9 | 0 | 0 | 33 | 41 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 221 | 46 | 0 | 0 | 9 | 0 | 0 | 38 | 42 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 225 | 47 | 0 | 0 | 9 | 0 | 0 | 33 | 46 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 230 | 54 | 0 | 0 | 9 | 0 | 0 | 48 | 53 |
| | Jiwani | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 194 | 64 | 0 | 0 | 9 | 0 | 0 | 55 | // |
| | Pasni | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | /// | 55 | 0 | 0 | 0 | 0 | 0 | 52 | // |
| Karachi division | Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 1 | 199 | 60 | 1 | 0 | 9 | 0 | 1 | 55 | // |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 161 | 48 | 0 | 0 | 9 | 0 | 0 | 33 | 42 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 197 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 57 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 194 | 48 | 0 | 0 | 9 | 0 | 0 | 26 | 47 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 195 | 56 | 0 | 0 | 0 | 0 | 0 | 56 | 56 |
| | Chhor | 000 | 0 | 0 | 04 | 04 | 96 | 02 | 0 | 205 | 45 | 0 | 0 | 9 | 0 | 0 | 29 | 38 |
| | Hyderabad | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 202 | 55 | 0 | 0 | 9 | 0 | 0 | 41 | 53 |
| | Badin | 000 | 0 | 0 | 36 | 01 | 97 | 02 | 0 | 190 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 43 |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 203 | 42 | 0 | 0 | 9 | 0 | 0 | 38 | 37 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 211 | 41 | 0 | 0 | 9 | 0 | 0 | 38 | 40 |
| | Sukkur | 000 | 0 | 0 | 00 | 00 | 94 | 05 | 4 | 199 | 50 | 0 | 0 | 9 | 0 | 0 | 46 | 46 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 199 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 45 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 510 | 43 | 0 | 0 | 9 | 0 | 0 | 12 | 40 |
| | Kakul * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 507 | 38 | 0 | 0 | 9 | 0 | 0 | 21 | 35 |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 616 | 47 | 0 | 0 | 9 | 0 | 0 | 30 | 29 |
| | Parachinar * | 000 | 0 | 1 | 02 | 03 | 98 | 03 | 0 | 531 | 32 | 0 | 0 | 9 | 0 | 1 | 14 | 27 |
| | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 494 | 35 | 0 | 0 | 9 | 0 | 0 | 24 | 33 |
| D.I. Khan | Wana * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 518 | 31 | 0 | 0 | 9 | 0 | 0 | 18 | 28 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | /// | 10 | 0 | 0 | 9 | 0 | 0 | 21 | 09 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 490 | 29 | 0 | 0 | 9 | 0 | 0 | 35 | 23 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 488 | 42 | 0 | 0 | 9 | 0 | 0 | 36 | 38 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 539 | 31 | 1 | 0 | 9 | 0 | 1 | 33 | // |
| | Chaman * | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 543 | 33 | 0 | 0 | 9 | 0 | 0 | 29 | 38 |
| | Nushki * | 000 | 0 | 0 | 09 | 08 | 97 | 02 | 0 | 573 | 38 | 0 | 0 | 9 | 0 | 0 | 38 | 43 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 520 | 37 | 0 | 0 | 9 | 0 | 0 | 32 | 35 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 561 | 29 | 0 | 0 | 9 | 0 | 0 | 21 | 24 |
| | Khuzdar * | 005 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 545 | 41 | 0 | 0 | 9 | 0 | 0 | 30 | // |
| | Panjgur * | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| Divisions | Stations | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | — 2 | + 1 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | — 2 | — 1 | 1.3 | — 1.7 | 0.1 | 106 |
| | Halidee Court | + 2 | — 7 | 1.0 | — 1.1 | 0.7 | 115 |
| | Comilla | — | — 1 | 1.3 | — 0.7 | 0.8 | 94 |
| | Brahmanbaria | — | — | 2.1 | + 0.4 | 0.7 | 78 |
| | Sylhet | — | — | 3.6 | — | 2.1 | — |
| | Srimangal | — 1 | | | | | 98 |
| Dacca | Mymensingh | — | — 1 | 1.1 | — 0.1 | 0.9 | 91 |
| | Narayanganj | + 1 | + 1 | 2.5 | + 0.9 | 1.1 | 74 |
| | Dacca (Tejgaon) | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | | | | | | 71 |
| Khulna | Barisal | — 1 | — 5 | 0.1 | — 1.3 | 0.1 | 81 |
| | Khulna | — 6 | + 2 | 1.5 | — 0.4 | 0.1 | 68 |
| | Satkhira | 2 | — | — | — | — | 65 |
| | Jessore | — | — | 2.4 | + 0.8 | 1.3 | 65 |
| Rajshahi | Pabna | — | — | — | — | — | 59 |
| | Sirajganj | + 2 | + 1 | 1.9 | + 0.5 | 1.5 | 61 |
| | Rajshahi | | + 3 | 4.1 | + 2.9 | 1.1 | — |
| | Bogra | + 1 | + 1 | 1.7 | + 0.3 | 0.5 | 69 |
| | Dinajpur | + 2 | 0 | 1.6 | + 0.6 | 0.8 | 72 |
| | Rangpur | + 3 | + 3 | 2.2 | + 1.3 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | |
| Lahore | Lahore (Jail Rd.) | + 1 | — 1 | 0.7 | — 1.0 | 0.7 | 19 |
| | Sialkot | | | | | | 32 |
| Rawalpindi | Jhelum | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | — | — | 5.3 | — | 5.3 | — |
| | Rawalpindi | + 3 | — 5 | 2.9 | — 1.7 | 2.7 | 36 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | + 5 | — 4 | 0.3 | — 1.1 | 0.3 | 15 |
| | Sargodha | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | — | + 3 | 0.3 | — 0.5 | 0.3 | 12 |
| Multan | Sahiwal | | | | | | 10 |
| | Multan | + 3 | — 7 | 0.1 | — 0.5 | 0.1 | 7 |
| | Leiah | — | | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | — 1 | — 5 | 0.7 | + 0.1 | 0.4 | 6 |
| | Bahawalpur | + 1 | 0 | 0.0 | — 0.5 | 0.0 | 6 |
| | Fort Abbas | — | — | — | | — | 8 |
| Malakand | Chakdara | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | + 3 | — 2 | 1.5 | — 1.2 | 1.0 | 11 |
| | Haripur | — | | 2.9 | | 1.9 | — |
| D. I. Khan | Bannu | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | + 4 | — 2 | 1.1 | + 0.1 | 1.1 | 9 |
| Quetta | Sibi | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | — | — | 1.7 | — | 1.7 | 2 |
| Kalat | Turbat | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 0 | — | 2.5 | + 0.8 | 2.5 | 6 |
| Karachi division | Ormara | — | — | 3.3 | — 1.1 | 3.3 | 6 |
| | Lasbela | + | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | + 7 | — 2 | 0.3 | — 0.5 | 0.3 | 8 |
| | Karachi (Airport) | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| | Chhor | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | + 1 | + 1 | 0.1 | — 0.2 | 0.1 | 9 |
| | Badin | — 2 | — 10 | 0.0 | — 0.5 | 0.1 | — |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | — | | | | | 4 |
| | Jacobabad | + 3 | — 2 | 0.1 | — 0.3 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | HILL STATIONS | | | | | | — |
| Kashmir | Srinagar * | | | | | | 71 |
| | Gulmarg ** | | | | | | 26 |
| | Sonamarg ** | | | | | | 3 |
| | Dras ** | | | | | | 6 |
| | Leh ** | | | | | | — |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | 3 |
| | Aliabad * | | | | | | 89 |
| | Gilgit * | | | | | | |
| Rawalpindi | Murree * | | | | | | 18 |
| Malakand | Drosh * | | | | | | 27 |
| Peshawar | Cherat * | + 3 | + 1 | 1.9 | — 3.0 | 1.3 | — |
| | Kakul * | — | — | 4.4 | — | 3.5 | — |
| | Landikotal * | — | — | 0.9 | — | 0.1 | 29 |
| | Parachinar * | — 1 | — 3 | 2.2 | — | 1.6 | 13 |
| | Miranshah * | — | — | 0.0 | — 2.0 | 0.0 | 11 |
| D.I. Khan | Wana * | — | | | | | 18 |
| Quetta | Fort Sandeman * | — | — 3 | 0.4 | — 1.1 | 0.4 | — |
| | Hindubagh * | — | — | 1.1 | — | 0.9 | 9 |
| | Loralai * | — | — | 0.1 | — | 0.3 | — |
| | Barkhan * | — | | | | | 14 |
| | Harnai * | — | — | 0.7 | — 1.4 | 0.7 | 9 |
| | Samungli (Quetta) * | — | — | — | — | — | 9 |
| | Chaman * | — 2 | — 2 | 7.7 | + 2.9 | 7.7 | — |
| | Nushki * | — | — | 2.9 | — | 2.8 | 4 |
| | Dalbandin * | — | — 1 | 2.2 | + 0.9 | 2.3 | 7 |
| Kalat | Kalat * | + 3 | — 4 | 0.9 | — 1.9 | 0.9 | — |
| | Khuzdar * | — | — | — | — | — | 8 |
| | Panjgur * | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 6th FEBRUARY, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wa}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Almahroosa | 99 2 31 | 10 6 02 | 05 0 03 | 13 5 08 | 99 0 01 | 19 8 21 | 11 6 00 | 73 4 05 | 40 5 01 | | 05 5 17 | 12 5 85 | | |
| Jeti | 99 2 32 | 10 5 93 | 05 1 84 | 03 2 06 | 99 0 00 | 14 8 22 | 03 9 00 | 13 1 20 | ... | | ... | ... | | |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 011 104 08 | ... | /// /// // | 030 102 512 | 566 143 29 | 731 269 28 | 932 349 29 | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 011 154 42 | ... | 470 114 60 | 052 000 // | 574 130 64 | 742 236 41 | 966 241 // | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 016 124 59 | ... | 450 034 59 | 053 035 // | 563 305 43 | 726 285 // | 928 301 // | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 084 040 20 | ... | 500 100 56 | 106 000 00 | 572 155 // | 737 221 // | 944 311 // | | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 977 042 31 | ... | 500 034 40 | 036 041 39 | 561 211 36 | 723 307 // | 921 425 // | 180 565 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 823 000 50 | ... | ... | 077 041 // | 566 229 // | 724 375 // | | | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 996 035 50 | ... | 450 070 40 | 054 035 60 | 562 201 // | 714 301 // | 237 381 // | 206 405 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | $d_td_t$ $f_tf_tf_t$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 980 058 14 | 800 022 17 | 608 692 23 | 350 295 28 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 903 152 63 | 800 080 57 | 600 041 42 | 350 311 65 | 250 744 07 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | 800 006 // | 600 091 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 335 03 | 330 09 | 335 10 | 335 25 | 315 20 | 310 27 | ... | ... | ... |
| Bogra | 320 04 | 305 05 | 305 06 | 295 18 | 315 37 | 285 23 | 280 03 | 260 22 | 285 55 |
| Chaklala | | 365 12 | 285 12 | 280 05 | 080 02 | 145 12 | ... | ... | ... |
| Chhor | 020 23 | 015 12 | 035 17 | 030 12 | 235 12 | 290 21 | 290 25 | 300 56 | 295 64 |
| Chittagong | 300 12 | 315 09 | 010 10 | 210 04 | 230 04 | 275 20 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 325 02 | 335 17 | 335 17 | 340 13 | 345 11 | ... | ... | ... | ... |
| Dacca | 285 17 | 305 06 | 280 05 | 360 08 | 300 37 | 300 26 | 275 27 | 275 36 | ... |
| Dalbandin | ... | ... | 305 06 | 305 08 | 014 07 | ... | ... | ... | ... |
| D. I. Khan | 185 02 | 150 03 | 200 01 | 240 03 | 280 10 | 295 18 | 295 27 | 305 25 | 315 39 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 275 02 | 240 09 | 285 10 | 305 44 | 315 46 | 310 53 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 310 08 | 305 06 | 320 06 | 345 21 | 310 43 | 290 37 | ... | ... | ... |
| Jacobabad | 305 03 | 010 01 | 030 01 | 095 01 | 265 09 | 320 31 | 315 25 | 300 45 | 285 55 |
| Jessore | 330 12 | 355 17 | 355 10 | 145 19 | 335 27 | 355 26 | ... | ... | ... |
| Jhelum | 290 06 | 295 15 | 300 09 | 380 04 | 310 02 | 034 01 | 280 23 | 295 35 | 290 27 |
| Jiwani | 085 06 | 310 05 | 095 06 | 330 06 | 310 05 | 100 23 | 315 51 | 305 41 | 290 32 |
| Karachi | 045 09 | 035 13 | 075 12 | 030 12 | 330 12 | 295 21 | 300 33 | 295 38 | 300 38 |
| Khanpur | 020 10 | 040 12 | 040 14 | 025 16 | 350 13 | 335 14 | 330 35 | 335 43 | 325 45 |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 300 02 | 320 04 | 320 07 | 330 10 | 325 07 | 315 07 | 310 06 | 305 09 | 305 09 |
| Multan | 110 03 | 135 01 | 115 03 | 030 01 | 305 22 | 315 31 | 305 46 | ... | ... |
| Nawab Shah | 280 07 | 025 07 | 030 07 | 335 13 | 315 14 | 300 28 | 280 57 | 305 81 | 295 81 |
| Nokkundi | ... | ... | 145 03 | 155 03 | 014 03 | 175 10 | 290 30 | 295 12 | 295 51 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 335 04 | 230 05 | 310 06 | 310 07 | 290 15 | 290 27 | 280 27 | 305 39 |
| Parachinar | ... | ... | ... | 300 09 | 210 02 | 300 19 | 300 27 | 300 52 | 295 32 |
| Quetta | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 320 05 | 305 03 | 305 04 | 315 08 | 320 09 | 305 16 | 300 29 | 305 41 | 300 33 |
| Skardu | ... | ... | ... | 225 02 | 315 02 | 115 02 | ... | ... | ... |
| Sylhet | 245 03 | 260 04 | 255 05 | 285 03 | 085 03 | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 015 03 | 015 12 | 335 10 | 295 09 | 295 19 | 279 09 |
| Bogra | 350 05 | 365 03 | 390 07 | 175 15 | ... | ... |
| Chaklala | ... | 250 01 | 260 03 | 280 04 | 300 04 | 280 08 |
| Chhor | 035 20 | 030 21 | 020 21 | 350 15 | 325 13 | 060 15 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 010 15 | 010 17 | 010 10 | 055 09 | 025 19 | 325 14 |
| Dacca | 030 08 | 350 07 | 305 09 | ... | ... | ... |
| Dalbandin | ... | ... | 070 05 | 080 12 | 060 15 | 330 12 |
| D. I. Khan | 145 05 | 160 05 | 150 06 | 190 05 | 005 03 | 280 07 |
| Drosh | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | No | Ascent | ... | ... | ... | ... |
| Gilgit | No | Ascent | ... | ... | ... | ... |
| Ishurdi | 010 08 | 020 07 | 335 04 | 275 19 | 240 20 | ... |
| Jacobabad | 267 04 | 265 03 | 285 04 | 315 04 | 315 04 | 320 12 |
| Jessore | 015 11 | 350 05 | 325 04 | 295 13 | 285 19 | ... |
| Jhelum | 295 11 | 325 12 | 225 12 | 340 11 | 320 07 | 305 12 |
| Jiwani | 350 01 | 280 03 | 340 01 | 035 06 | 060 08 | 340 47 |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 110 19 | 130 05 | 260 04 | 295 10 | 160 09 | 310 17 |
| Khuzdar | ... | ... | ... | 330 05 | 310 07 | 345 12 |
| Lahore | 320 11 | 310 19 | 300 23 | 315 15 | 320 13 | 325 12 |
| Multan | 095 03 | 085 03 | 085 05 | 075 04 | 035 04 | 020 10 |
| Nawab Shah | 055 10 | 060 07 | 040 05 | 350 12 | 355 12 | 310 11 |
| Nokkundi | ... | ... | 060 05 | 125 03 | 155 03 | 165 05 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 225 04 | 275 04 | 305 08 | 360 15 | 330 16 |
| Parachinar | ... | ... | ... | 260 13 | 280 11 | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 325 13 | 325 17 | 350 13 | 015 13 | 036 13 | 340 19 |
| Skardu | ... | ... | ... | 255 05 | 270 06 | 320 03 |
| Sylhet | 140 06 | 175 04 | 165 06 | 105 02 | 305 17 | 285 27 |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | ... | 035 08 | 305 15 | 300 17 | 280 24 | 270 41 | ... | ... | ... | ... | ... |
| Bogra | 270 01 | 215 02 | 290 05 | 270 17 | 270 23 | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 260 05 | 350 06 | 280 03 | 220 10 | 360 04 | ... | ... | ... | ... | ... |
| Chhor | 071 05 | 060 17 | 065 17 | 300 17 | 315 21 | 300 14 | 315 37 | 310 42 | 310 58 | 295 84 | 310 74 |
| Chittagong | 325 03 | 020 04 | 020 05 | 295 11 | 265 19 | 260 27 | 250 35 | 265 37 | 265 39 | 265 51 | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 345 03 | 350 13 | 350 10 | 040 11 | 035 19 | 355 21 | 300 29 | 310 32 | ... | ... | ... |
| Dacca | 060 05 | 015 02 | 040 02 | 040 04 | 320 07 | 310 06 | 330 19 | 290 19 | 275 20 | 280 33 | 350 47 |
| Dalbandin | ... | ... | 080 07 | 065 06 | 330 05 | 305 12 | 310 45 | 300 47 | 300 56 | 290 51 | 285 72 |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 235 01 | 325 10 | 310 07 | 200 14 | 265 18 | 285 27 | 285 47 | 295 64 |
| Gilgit | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 010 07 | 035 02 | 350 03 | 285 13 | 275 28 | 275 45 | ... | ... | ... | ... | ... |
| Jacobabad | 265 03 | 340 33 | 320 03 | 335 04 | 315 03 | 305 17 | 300 47 | 011 01 | ... | ... | ... |
| Jessore | 070 04 | 160 04 | 160 03 | 295 13 | 270 23 | 185 40 | 280 41 | ... | 260 39 | ... | ... |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 315 06 | 295 03 | 305 05 | 105 05 | 350 09 | 330 19 | 310 22 | 300 23 | 295 32 | ... | ... |
| Karachi | 085 05 | 050 06 | 005 06 | 330 10 | 335 04 | 295 58 | 310 42 | 295 60 | 295 06 | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 320 11 | 310 19 | 300 23 | 315 15 | 320 13 | 320 41 | 315 31 | 385 58 | 305 46 | 305 80 | 304 45 |
| Multan | 220 04 | 215 06 | 230 10 | 225 09 | 210 07 | 255 10 | 280 24 | 300 39 | 295 14 | 285 39 | 301 18 |
| Nawab Shah | 100 05 | 095 06 | 055 06 | 015 09 | 335 06 | 305 23 | 315 49 | 306 71 | 290 29 | 290 96 | ... |
| Nokkundi | ... | ... | 092 01 | 091 05 | 145 12 | 285 03 | 245 24 | 270 34 | 285 47 | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 045 03 | 080 03 | 305 10 | 305 09 | 320 12 | 325 29 | 295 42 | 305 43 | 280 45 | 280 73 |
| Parachinar | ... | ... | | 125 03 | 009 02 | 290 41 | 290 31 | 295 70 | 285 56 | 300 58 | 300 86 |
| Quetta | | | | | 355 05 | 303 14 | 190 31 | 280 82 | 275 31 | 280 63 | |
| Sargodha | 285 07 | 305 16 | 300 12 | 320 00 | 335 08 | 330 23 | 305 37 | 300 43 | 295 49 | 295 60 | 303 69 |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 145 06 | 185 07 | 165 06 | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.5 | 18.5 | 21.0 | 40.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 015 08 | 040 10 | 040 10 | 045 11 | 040 09 | 355 12 | 310 25 | 305 04 | 040 17 | 000 59 | 290 85 | ... | ... | ... | ... | ... | ... | ... |
| 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.

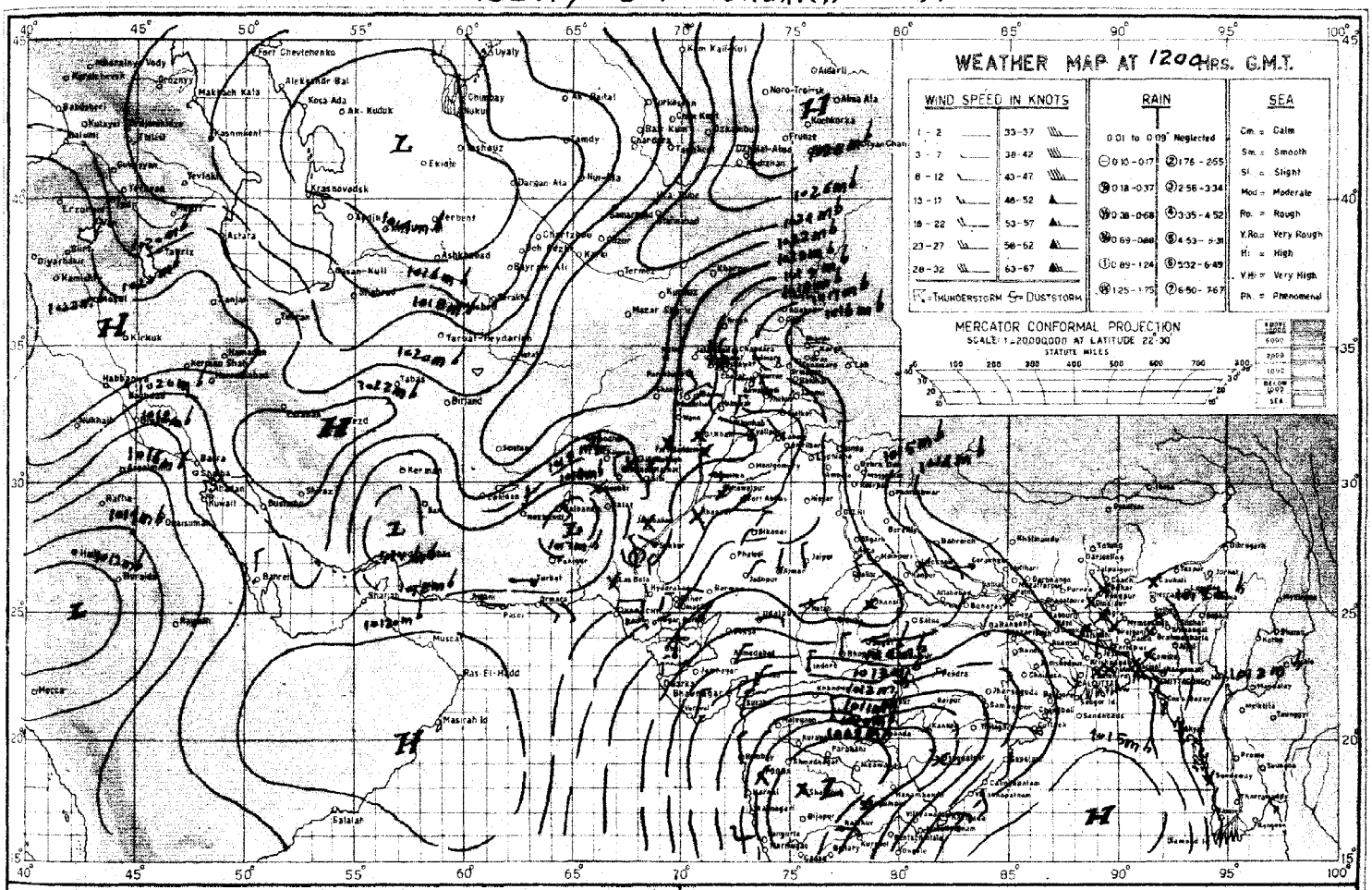
† The actual time of observations may vary within half an hour of the specified time.

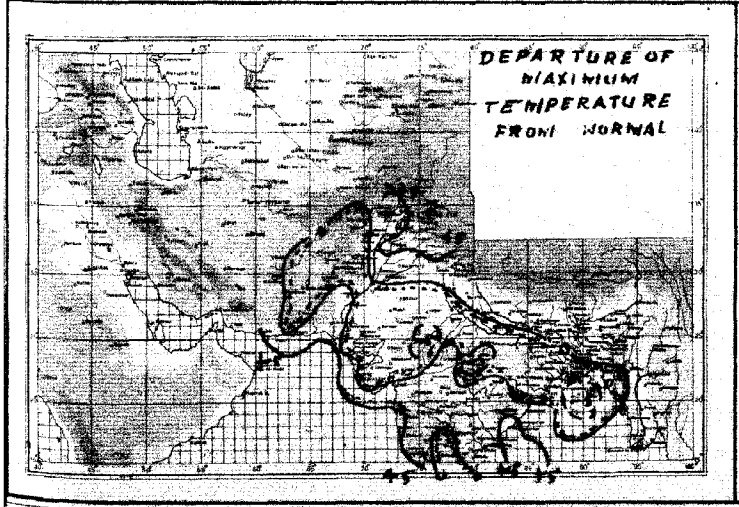
* [illegible] "dd" in [illegible] degrees counting from North through East. [illegible] "ff" in knots. [illegible] "ff" [illegible] 50 is added to "dd" [illegible] "f" [illegible].

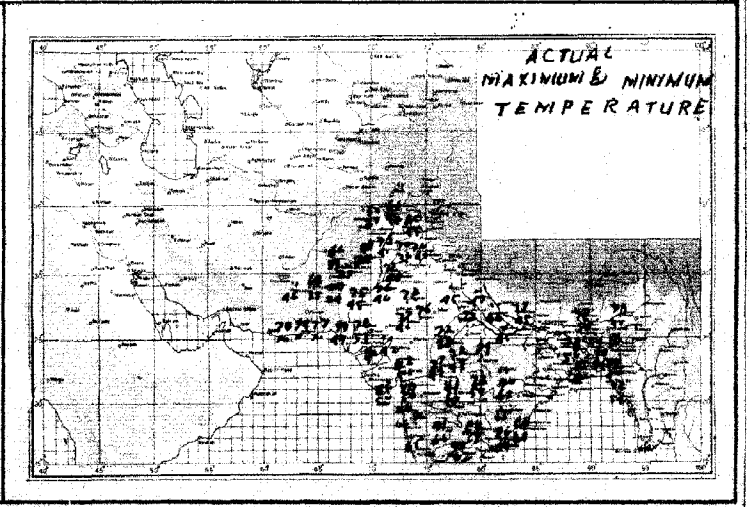
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port, KARACHI—1)

# PAKISTAN DAILY WEATHER MAP

THURSDAY 5TH FEBRUARY, 1970

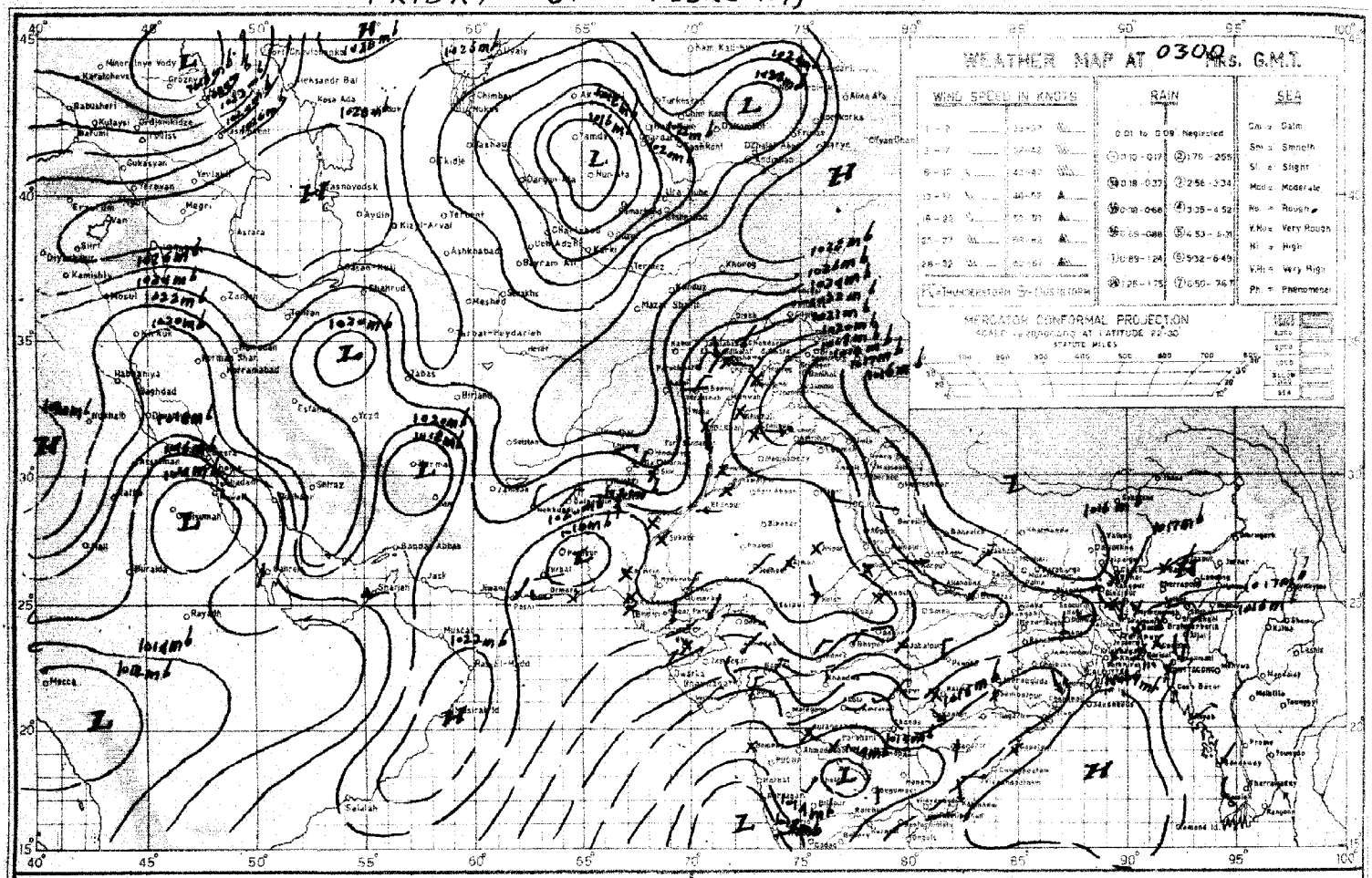


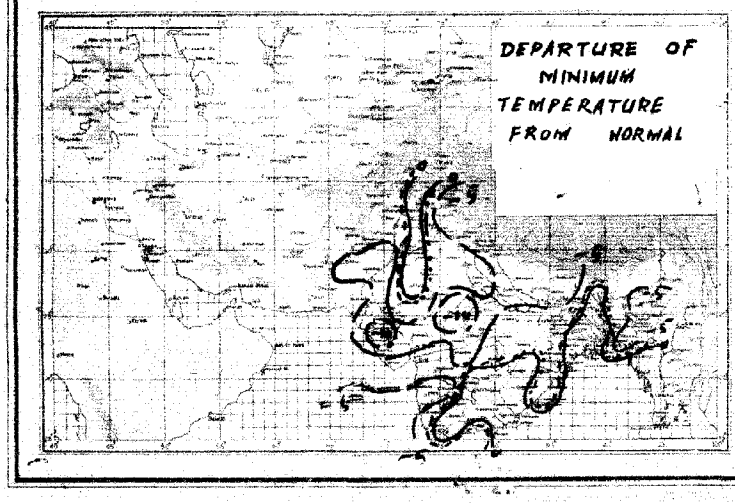



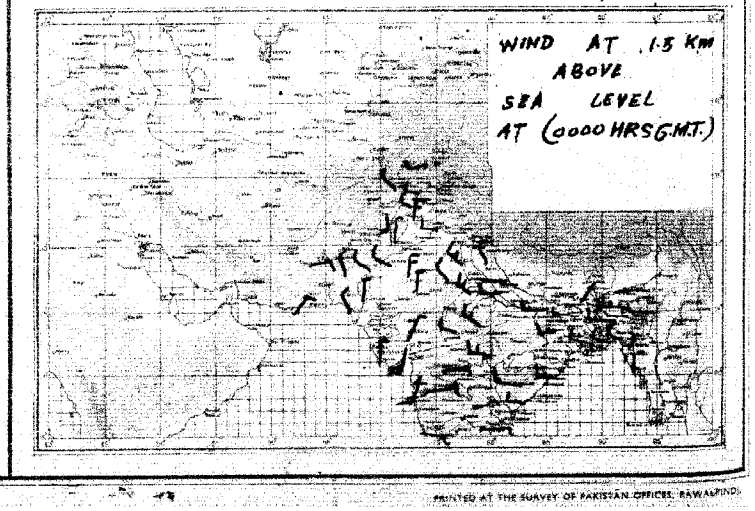



# PAKISTAN DAILY WEATHER MAP

FRIDAY 6TH FEBRUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SATURDAY THE 7th FEBRUARY 1970.

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

Yesterday's western disturbance over East Russian Turkistan persists. Its feeble secondary now lies over Quetta division and adjoining area.
The westerly low pressure wave over Chota Nagpur is now moving away across Chittagong division and neighbourhood.
Weather remained dry over the country.
Night temperatures were 3—5 °F (2—3 °C) above normal in Chittagong, Dacca, Quetta divisions and were 3—8 °F (2—4 °C) below normal in Sargodha, Multan, Bahawalpur and Hyderabad divisions.

**Forecast valid until the evening of 8th February 1970 :**—A few falls of rain/snow over hills are likely to occur in Malakand and Peshawar divisions and Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 7th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| DIVISIONS | STATIONS (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature* TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 1 | 31 | 02 | // | 01 | 4 | 141 | 77 | 1 | 1 | 7 | 0 | 0 | 65 | 85 |
| | Cox's Bazar | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chittagong | — | 000 | 0 | 3 | 31 | 02 | // | 02 | 0 | 137 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Maijdee Court | — | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 1 | 145 | 74 | 1 | 4 | 7 | 0 | 0 | 58 | 82 |
| | Comilla | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 142 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | // |
| | Brahmanbaria | — | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 1 | 138 | 74 | 2 | 0 | 9 | 4 | 0 | 58 | 82 |
| | Sylhet | — | 000 | 0 | 3 | 27 | 02 | // | 02 | 0 | 138 | 70 | 2 | 6 | 3 | 0 | 0 | 51 | 78 |
| | Srimangal | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 134 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 82 |
| Dacca | Mymensingh | — | 000 | 0 | 7 | 00 | 00 | // | 02 | 1 | 143 | 74 | 7 | 4 | 6 | 0 | 0 | 52 | 80 |
| | Narayanganj | — | 000 | 0 | 3 | 00 | 00 | // | 02 | 1 | 138 | 74 | 3 | 6 | 0 | 0 | 0 | 60 | 82 |
| | Dacca (Tejgaon) | — | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 2 | 141 | 74 | 4 | 0 | 9 | 6 | 0 | 40 | 80 |
| | Faridpur | — | 000 | 0 | 3 | 34 | 12 | 96 | 01 | 1 | 104 | 74 | 3 | 5 | 6 | 0 | 0 | 55 | 78 |
| Khulna | Barisal | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | — | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | 143 | 76 | 3 | 2 | 5 | 0 | 0 | 58 | 85 |
| | Satkhira | — | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 2 | 141 | 72 | 6 | 4 | 6 | 0 | 0 | 58 | 82 |
| | Jessore | — | 000 | 0 | 6 | 00 | 00 | 96 | 05 | 2 | 142 | 74 | 2 | 5 | 4 | 3 | 0 | 55 | 78 |
| Rajshahi | Pabna | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sirajganj | — | 000 | 0 | 4 | 18 | 01 | // | 03 | 2 | 134 | 76 | 4 | 0 | 7 | 4 | 0 | 49 | 78 |
| | Rajshahi | — | 000 | 0 | 3 | 27 | 02 | 96 | 01 | 1 | 146 | 72 | 3 | 5 | 5 | 0 | 0 | 59 | 78 |
| | Bogra | — | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 2 | 138 | 72 | 1 | 3 | 5 | 7 | 0 | 44 | 78 |
| | Dinajpur | — | 000 | 0 | 0 | 23 | 02 | // | 00 | 0 | 130 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Rangpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 117 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 0 | 16 | 03 | 96 | 03 | 0 | 162 | 70 | 1 | 0 | 9 | 3 | 0 | 31 | 70 |
| | Sialkot | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | — | 000 | 0 | 3 | 30 | 12 | 98 | 03 | 0 | 153 | 70 | 0 | 0 | 9 | 0 | 1 | 34 | 72 |
| | Islamabad | — | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | /// | 62 | 3 | 4 | 3 | 2 | 0 | 19 | 62 |
| | Rawalpindi | — | 000 | 0 | 7 | 27 | 02 | 98 | 02 | 1 | 164 | 66 | 0 | 0 | 9 | 0 | 0 | 28 | // |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 0 | 00 | 98 | 00 | 0 | 159 | 74 | 0 | 0 | 9 | 0 | 0 | 51 | 74 |
| | Sargodha | — | 000 | 0 | 6 | 27 | 03 | 98 | 02 | 2 | 160 | 72 | 1 | 0 | 9 | 3 | 2 | 29 | 74 |
| | Lyallpur | — | 000 | 0 | 0 | 29 | 02 | 96 | 00 | 0 | 149 | 66 | 0 | 0 | 9 | 0 | 0 | 44 | 72 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 167 | 70 | 0 | 0 | 9 | 0 | 1 | 29 | 72 |
| | Leiah | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 176 | 70 | 0 | 0 | 9 | 0 | 0 | 31 | 70 |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 165 | 72 | 0 | 0 | 9 | 0 | 0 | 35 | 76 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 168 | 70 | 0 | 0 | 9 | 0 | 0 | 37 | 74 |
| | Fort Abbas | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 184 | 72 | 0 | 0 | 9 | 0 | 0 | 32 | 72 |
| Malakand | Chakdra | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | — | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 158 | 66 | 0 | 0 | 9 | 0 | 1 | 39 | 66 |
| | Haripur | — | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 157 | 62 | 0 | 0 | 9 | 0 | 0 | 34 | 66 |
| D. I. Khan | Bannu | — | 000 | 0 | 5 | 13 | 02 | 98 | 02 | 1 | 152 | 65 | 0 | 0 | 9 | 0 | 0 | 32 | 70 |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 169 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 74 |
| Quetta | Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 167 | 75 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| | Nokkundi | — | 000 | 0 | 4 | 12 | 02 | 96 | 02 | 0 | 159 | 68 | 4 | 0 | 9 | 3 | 0 | 35 | 69 |
| Kalat | Turbat | — | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 164 | 79 | 0 | 0 | 9 | 0 | 0 | 31 | 79 |
| | Jiwani | — | 000 | 0 | 3 | 27 | 05 | 96 | 02 | 0 | 172 | 74 | 0 | 0 | 9 | 0 | 1 | 63 | 75 |
| | Pasni | — | 000 | 0 | 0 | 25 | 04 | 97 | 02 | 0 | 178 | 77 | 0 | 0 | 0 | 0 | 0 | 59 | 78 |
| Karachi division | Ormara | — | 000 | 0 | 2 | 27 | 07 | 96 | 02 | 2 | 165 | 75 | 2 | 0 | 9 | 0 | 0 | 64 | 78 |
| | Lasbela | — | 000 | 0 | 0 | 18 | 01 | 98 | 00 | 0 | 134 | 80 | 0 | 0 | 0 | 0 | 0 | // | 88 |
| | Karachi (Manora) | — | 000 | 0 | 2 | 27 | 05 | 97 | 03 | 0 | 163 | 72 | 0 | 0 | 9 | 0 | 2 | 45 | 81 |
| | Karachi (Airport) | — | 000 | 0 | 4 | 23 | 03 | 96 | 03 | 0 | 161 | 78 | 0 | 0 | 9 | 0 | 1 | // | 81 |
| Hyderabad | Nagarparker | — | 000 | 0 | 0 | 05 | 07 | 97 | 02 | 0 | 171 | 79 | 6 | 6 | 0 | 0 | 0 | 22 | 81 |
| | Chhor | — | 000 | 0 | 2 | 05 | 03 | 96 | 03 | 0 | 151 | 79 | 0 | 0 | 9 | 0 | 0 | 15 | 80 |
| | Hyderabad | — | 000 | 0 | 2 | 27 | 02 | 97 | 02 | 0 | 166 | 77 | 0 | 0 | 9 | 0 | 1 | 30 | 80 |
| | Badin | — | 000 | 0 | 0 | 02 | 06 | 97 | 07 | 0 | 146 | 78 | 0 | 0 | 9 | 0 | 0 | 29 | 79 |
| Khairpur | Padidan | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 163 | 76 | 0 | 0 | 9 | 0 | 0 | 41 | 77 |
| | Nawabshah | — | 000 | 0 | 2 | 11 | 02 | 96 | 03 | 0 | 171 | 77 | 0 | 0 | 9 | 0 | 0 | 45 | 80 |
| | Sukkur | — | 000 | 0 | 9 | 23 | 03 | 96 | 02 | 0 | 161 | 77 | 0 | 0 | 9 | 0 | 0 | 45 | 79 |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 166 | 75 | 0 | 0 | 9 | 0 | 0 | 41 | 76 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | |
| | Dras | ** ... | | | | | | | | | | | | | | | | | |
| | Leh | ** ... | | | | | | | | | | | | | | | | | |
| | Skardu | * ... | | | | | | | | | | | | | | | | | |
| | Misgar | ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | * ... | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat | * ... | 000 | 0 | 0 | 36 | 03 | 98 | 02 | 0 | 518 | 51 | 5 | 0 | 1 | 1 | 0 | // | 55 |
| | Kakul | * ... | 000 | 0 | 3 | 31 | 02 | 98 | 03 | 0 | 505 | 55 | 0 | 0 | 9 | 0 | 5 | 24 | 59 |
| | Landikotal | * ... | 000 | 0 | 4 | 05 | 05 | 98 | 01 | 0 | 622 | 51 | 4 | 3 | 9 | 0 | 0 | 23 | 58 |
| | Parachinar | * ... | 000 | 0 | 7 | 13 | 03 | 98 | 02 | 0 | 512 | 49 | 3 | 0 | 9 | 3 | 1 | 20 | 52 |
| D.I. Khan | Miranshah | * ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 525 | 62 | 0 | 0 | 9 | 0 | 0 | 34 | 62 |
| | Wana | * ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 500 | 51 | | 0 | 9 | 0 | 0 | 42 | 52 |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 5 | 05 | 05 | 98 | 01 | 0 | 507 | 58 | 2 | 0 | 9 | 3 | 1 | // | 60 |
| | Hindubagh | * ... | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 36 | 42 |
| | Loralai | * ... | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 490 | 44 | 0 | 0 | 9 | 0 | 0 | 35 | 47 |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | |
| | Harnai | * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 498 | 65 | 0 | 0 | 9 | 0 | 0 | 39 | 65 |
| | Samungli (Quetta) | * ... | 000 | 0 | 1 | 31 | 05 | 96 | 02 | 0 | 524 | 51 | 0 | 0 | 9 | 0 | 0 | 33 | 52 |
| | Chaman | * ... | 000 | 0 | 0 | 35 | 02 | 97 | 02 | 0 | 539 | 57 | 0 | 0 | 9 | 0 | 0 | 29 | 59 |
| | Nushki | * ... | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 578 | 61 | 0 | 0 | 9 | 0 | 0 | 40 | 60 |
| | Dalbandin | * ... | 000 | 0 | 5 | 00 | 00 | 98 | 02 | 0 | 539 | 65 | 0 | 0 | 9 | 0 | 0 | 20 | 65 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 320 | 50 | 0 | 0 | 9 | 0 | 0 | 19 | 54 |
| | Khuzdar | * ... | 000 | 0 | 1 | 27 | 03 | 97 | 23 | 0 | 309 | 70 | 0 | 0 | 9 | 0 | 1 | 11 | 71 |
| | Panjgur | * ... | | | | | | | | | | | | | | | | | |

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

| STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 4 | 191 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 62 |
| Cox's Bazar | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 187 | 64 | 1 | 4 | 5 | 0 | 1 | 47 | 56 |
| Chittagong | 000 | 0 | 7 | 05 | 02 | 96 | 03 | 0 | 177 | 69 | 1 | 4 | 4 | 0 | 0 | 56 | 58 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 186 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 59 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 177 | 68 | 0 | 0 | 9 | 0 | 0 | 45 | 59 |
| Brahmanbaria | 000 | 0 | 4 | 05 | 02 | 97 | 03 | 1 | 185 | 69 | 4 | 0 | 9 | 4 | 0 | 38 | 59 |
| Sylhet | 000 | 0 | 3 | 09 | 05 | 96 | 02 | 0 | 175 | 62 | 2 | 5 | 5 | 3 | 0 | 56 | 55 |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 171 | 64 | 0 | 0 | 9 | 2 | 2 | 58 | 50 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Narayanganj | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 190 | 73 | 4 | 1 | 1 | 0 | 0 | // | 62 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 154 | 65 | 1 | 0 | 9 | 3 | 0 | 47 | 59 |
| Faridpur | 000 | 0 | 0 | 34 | 05 | 97 | 00 | 0 | 181 | 65 | 0 | 0 | 9 | 0 | 0 | 47 | 54 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 184 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 58 |
| Khulna | 000 | 0 | 0 | 00 | 09 | 97 | 00 | 0 | 177 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 60 |
| Satkhira | 000 | 0 | 0 | 36 | 04 | 97 | 00 | 0 | 158 | 65 | 0 | 0 | 9 | 0 | 0 | 45 | // |
| Jessore | 000 | 0 | 0 | 36 | 03 | 97 | 00 | 0 | 150 | 73 | 4 | 1 | 1 | 0 | 0 | // | 62 |
| Pabna | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 182 | 62 | 0 | 0 | 9 | 0 | 0 | // | 56 |
| Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rajshahi | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 196 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 51 |
| Bogra | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 183 | 62 | 0 | 0 | 0 | 0 | 0 | 45 | 51 |
| Dinajpur | 000 | 0 | 0 | 77 | 02 | 96 | 00 | 0 | 187 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 50 |
| Rangpur | 000 | 0 | 0 | 09 | 02 | 96 | 01 | 0 | 173 | 60 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 2 | 00 | 00 | 96 | 04 | 0 | 188 | 43 | 2 | 0 | 9 | 3 | 0 | 38 | 41 |
| Sialkot | 000 | 0 | 0 | 03 | 00 | 96 | 00 | 0 | 120 | 59 | 0 | 0 | 9 | 0 | 0 | 36 | 40 |
| Jhelum | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 190 | 43 | 0 | 0 | 9 | 0 | 1 | 38 | 40 |
| Islamabad | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | /// | 50 | 2 | 4 | 7 | 2 | 0 | 36 | 42 |
| Rawalpindi | 000 | 0 | 1 | 00 | 00 | 97 | 00 | 0 | 197 | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 38 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 221 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 40 |
| Sargodha | 000 | 0 | 0 | 23 | 02 | 96 | 04 | 0 | 184 | 40 | 0 | 0 | 9 | 0 | 1 | 35 | 38 |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 181 | 45 | 0 | 0 | 9 | 0 | 0 | 36 | 41 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 7 | 13 | 07 | 97 | 02 | 0 | 180 | 44 | 3 | 0 | 9 | 3 | 4 | 30 | 38 |
| Leiah | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 202 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 32 |
| Khanpur | 000 | 0 | 0 | 00 | 09 | 96 | 10 | 0 | 178 | 51 | 0 | 0 | 9 | 0 | 0 | 36 | 41 |
| Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 2 | 210 | 56 | 2 | 0 | 9 | 0 | 0 | 45 | // |
| Chakdra | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 202 | 35 | 0 | 0 | 9 | 0 | 0 | 30 | 33 |
| Peshawar | 000 | 0 | 1 | 18 | 05 | 97 | 01 | 0 | 198 | 43 | 0 | 0 | 9 | 0 | 1 | 30 | 40 |
| Haripur | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 197 | 45 | 0 | 0 | 9 | 0 | 0 | 32 | 38 |
| Bannu | 000 | 0 | 3 | 00 | 00 | 98 | 02 | 1 | 183 | 49 | 0 | 0 | 9 | 6 | 0 | 30 | 45 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 187 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 43 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 187 | 48 | 4 | 2 | 9 | 4 | 2 | 41 | 44 |
| Nokkundi | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 204 | 47 | 0 | 0 | 9 | 0 | 0 | 30 | 46 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 198 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 53 |
| Jiwani | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 168 | 62 | 0 | 0 | 9 | 0 | 0 | 57 | 62 |
| Pasni | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 174 | 59 | 0 | 0 | 0 | 0 | 0 | 50 | // |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 170 | 61 | 0 | 0 | 9 | 0 | 0 | 59 | // |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 165 | 59 | 0 | 0 | 9 | 0 | 0 | 49 | 58 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 169 | 50 | 0 | 0 | 9 | 0 | 0 | 33 | 45 |
| Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 195 | 56 | 0 | 0 | 9 | 0 | 0 | 56 | 56 |
| Chhor | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 168 | 45 | 0 | 0 | 9 | 0 | 0 | 25 | 38 |
| Hyderabad | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 175 | 53 | 0 | 0 | 9 | 0 | 0 | 37 | 51 |
| Badin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 190 | 46 | 0 | 0 | 9 | 0 | 0 | 34 | 48 |
| Padidan | 000 | 0 | 0 | 09 | 02 | 97 | 02 | 0 | 175 | 42 | 0 | 0 | 9 | 0 | 0 | 36 | 41 |
| Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 183 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 39 |
| Sukkur | 000 | 0 | 0 | 13 | 02 | 94 | 05 | 4 | 174 | 54 | 0 | 0 | 9 | 0 | 0 | 41 | 49 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 09 | 02 | 96 | 03 | 0 | 174 | 50 | 1 | 0 | 9 | 1 | 0 | 39 | 47 |
| Veraval | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | | | | | | | | | | | | | | | | | |
| Drosh | | | | | | | | | | | | | | | | | |
| Cherat | 000 | 0 | 0 | 09 | 07 | 98 | 02 | 0 | 507 | 43 | 0 | 0 | 9 | 0 | 0 | 39 | 41 |
| Kakul | 000 | 0 | 1 | 36 | 02 | 98 | 03 | 0 | 508 | 40 | 0 | 0 | 9 | 0 | 1 | 33 | 35 |
| Landikotal | 000 | 0 | 0 | 36 | 02 | 98 | 03 | 0 | 606 | 38 | 0 | 0 | 9 | 0 | 0 | 19 | 34 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 474 | 43 | 0 | 0 | 9 | 0 | 0 | 34 | 38 |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | 000 | 0 | 7 | 00 | 09 | 98 | 03 | 0 | 512 | 37 | 0 | 0 | 9 | 6 | 1 | 14 | 31 |
| Hindubagh | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | /// | 14 | 0 | 0 | 9 | 0 | 0 | 10 | 10 |
| Loralai | 000 | 0 | 0 | 10 | 04 | 98 | 01 | 0 | 495 | 30 | 0 | 1 | 9 | 0 | 0 | 33 | 23 |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 479 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | 41 |
| Samungli (Quetta) | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 0 | 525 | 35 | 1 | 1 | 6 | 7 | 0 | 30 | 27 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 539 | 41 | 0 | 0 | 9 | 0 | 0 | 28 | 39 |
| Nushki | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 563 | 41 | 0 | 0 | 9 | 0 | 2 | 30 | 46 |
| Dalbandin | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 522 | 42 | 0 | 0 | 9 | 0 | 0 | 29 | 37 |
| Kalat | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 2 | 544 | 33 | 0 | 0 | 9 | 0 | 0 | 35 | 32 |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 503 | 41 | 1 | 9 | 9 | 6 | 3 | 41 | 40 |
| Panjgur | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| STATIONS | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 1.8 | — | 0.3 | |
| Cox's Bazar | — | — 2 | 0.7 | — 3.7 | 0.0 | 140 |
| Chittagong | + 2 | — 1 | 1.3 | — 2.9 | 0.1 | 108 |
| Maijdee Court | + 2 | — 2 | 1.0 | — 1.1 | 0.7 | 115 |
| Comilla | — | + 4 | 1.3 | — 0.8 | 0.8 | 94 |
| Brahmanbaria | — | — | 2.1 | — 0.3 | 0.7 | 78 |
| Sylhet | — | — | 3.6 | — | 2.1 | — |
| Srimangal | 0 | 0 | — | — | — | 60 |
| Mymensingh | + 3 | | | | | 91 |
| Narayanganj | + 2 | + 5 | 2.3 | + 0.8 | 1.1 | 74 |
| Dacca (Tejgaon) | — | — | 1.9 | — | 0.7 | — |
| Faridpur | — | 0 | — | — | — | 71 |
| Barisal | — | — 1 | 0.9 | — 1.3 | 0.1 | 81 |
| Khulna | + 5 | + 2 | 1.5 | — 0.4 | 0.1 | 40 |
| Satkhira | + 1 | — | — | — | — | 45 |
| Jessore | — 2 | — | 2.4 | + 0.8 | 1.3 | 65 |
| Pabna | — | — | — | — | — | 39 |
| Sirajganj | + 1 | | | | | 64 |
| Rajshahi | 0 | — 2 | 4.1 | + 2.9 | 1.1 | — |
| Bogra | 0 | — 2 | 1.7 | + 0.3 | 0.5 | 89 |
| Dinajpur | + 1 | — 1 | 1.6 | + 0.6 | 0.8 | 73 |
| Rangpur | + 3 | + 3 | 2.3 | + 1.3 | 0.7 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | 0 | — 1 | 0.7 | — 1.1 | 0.7 | 19 |
| Sialkot | — | — | — | — | — | 32 |
| Jhelum | — | — | 1.7 | — | 1.7 | — |
| Islamabad | — | — | — | — | — | — |
| Rawalpindi | + 3 | — 2 | 2.9 | — 1.7 | 2.7 | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 6 | — 4 | 0.3 | — 1.1 | 0.3 | 15 |
| Sargodha | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | + 4 | — 1 | 0.3 | — 0.5 | 0.3 | 13 |
| Sahiwal | | | | | | 10 |
| Multan | + 2 | — 6 | 6.1 | — 0.7 | 0.1 | 7 |
| Leiah | — | — | 5.0 | — | 0.0 | 8 |
| Khanpur | 0 | — 4 | 0.7 | + 0.1 | 0.4 | 6 |
| Bahawalpur | 0 | | | | | 6 |
| Fort Abbas | | — | — | — | — | 8 |
| Chakdra | — | — | 2.1 | — | 2.1 | — |
| Peshawar | + 2 | — 2 | 1.5 | — 1.3 | 1.0 | 11 |
| Haripur | — | — | 2.9 | — | 1.9 | — |
| Bannu | — | — | 0.7 | — | 0.3 | 11 |
| D. I. Khan | + 5 | 0 | 1.1 | + 0.1 | 1.1 | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | — | — | 1.7 | — | 1.7 | 3 |
| Turbat | — | — | 0.3 | — | 0.3 | — |
| Jiwani | — | — | 0.7 | — | 7.9 | 8 |
| Pasni | + 2 | — | 2.5 | + 0.8 | 2.5 | 6 |
| Ormara | — | — | 3.3 | — 0.7 | 2.3 | 6 |
| Lasbela | — | — | — | — | — | 8 |
| Karachi (Manora) | + 6 | — 1 | 0.3 | — 0.5 | 0.3 | 8 |
| Karachi (Airport) | — | — | 0.3 | — | 0.3 | — |
| Nagarparker | — | — | — | — | — | — |
| Chhor | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | + 3 | — 1 | 0.1 | — 0.2 | 0.1 | 8 |
| Badin | + 3 | — 10 | 0.1 | — 0.5 | 0.1 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.1 | — | 0.1 | — |
| Kashmore | — | | | | | 4 |
| Jacobabad | + 3 | 0 | 0.1 | — 0.3 | 0.1 | 10 |
| Veraval | | | | | | 26 |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 20 |
| Dras | | | | | | 3 |
| Leh | | | | | | 4 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 20 |
| Murree | | | | | | 10 |
| Drosh | | | | | | 29 |
| Cherat | + 6 | + 2 | 1.2 | — 3.1 | 1.3 | — |
| Kakul | — | — | 4.6 | — | 3.5 | — |
| Landikotal | — | — | 0.9 | — | 0.1 | 29 |
| Parachinar | + 1 | | | | | 12 |
| Miranshah | — | — | 0.0 | — 2.1 | 0.0 | 11 |
| Wana | — | | | | | 13 |
| Fort Sandeman | + 3 | 0 | 0.4 | — 1.2 | 0.4 | — |
| Hindubagh | — | — | 1.1 | — | 0.9 | 9 |
| Loralai | — | — | 0.3 | — | 0.3 | — |
| Barkhan | — | | | | | 14 |
| Harnai | — | — | 0.7 | — 1.5 | 0.7 | 9 |
| Samungli (Quetta) | — | — | — | — | — | 9 |
| Chaman | + 5 | + 3 | 7.7 | + 3.7 | 7.2 | — |
| Nushki | — | — | 2.9 | — | 2.9 | 4 |
| Dalbandin | 0 | + 1 | 2.3 | + 0.3 | 2.3 | 7 |
| Kalat | + 3 | + 2 | 0.9 | — 1.9 | 0.9 | — |
| Khuzdar | — | — | — | — | — | 8 |
| Panjgur | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 7th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s a$ PP | 7RR $t_dt_d$ | $8N_sC h_s h_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb (hhh $TTT_a$ DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 014 166 46 | ... | 460 116 75 | 012 016 57 | 576 135 57 | 743 261 58 | 947 349 87 | 218 575 // | 394 701 // | 620 815 // | ... | ... | ... |
| Dacca ... | 00 00 | 450 320 07 | ... | 420 084 56 | 076 024 57 | 573 117 57 | 720 235 34 | 935 355 80 | 212 499 // | 394 641 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 077 094 // | ... | 480 008 // | 954 061 // | 573 181 // | 737 261 // | 939 431 // | 207 551 // | 387 611 // | 637 675 // | ... | ... | — |
| Multan ... | 00 00 | 002 090 87 | .. | 460 100 61 | 089 051 // | 565 241 // | 723 315 // | 921 341 // | 940 511 // | .. | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 975 040 61 | ... | 440 069 18 | 056 044 19 | 562 228 61 | 723 315 // | 921 445 // | 185 839 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 821 064 61 | ... | ... | 081 011 // | 567 207 // | 729 337 // | 928 481 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 998 090 58 | ... | 450 050 57 | 010 035 57 | 553 225 // | 714 3[illegible] // | 913 425 // | 182 511 // | ... | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{tt}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 144 56 | 800 086 57 | 608 035 56 | 350 377 57 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 509 112 56 | 800 064 57 | 600 041 57 | 350 311 57 | ... | ... | .. | ... | ... | ... | — | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | — | — | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | — | ... | | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | — | ... | ... | ... | ... | — | ... | ... | ... | ... | — |
| Quetta ... | 00 00 | ... | 800 074 58 | 600 099 // | 330 417 // | 280 305 37 | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | — |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 260 33 | 230 03 | 220 03 | 278 14 | 285 17 | 305 13 | ... | - | ... |
| Bogra | 250 09 | 250 05 | 258 05 | 260 3 | ... | ... | ... | ... | ... |
| Chaklala | ... | 290 08 | 280 05 | 095 01 | 040 04 | 315 05 | 310 47 | 305 44 | 260 51 |
| Chhor | 040 08 | 065 08 | 045 03 | 055 11 | 025 03 | 315 14 | 325 33 | 315 32 | 320 31 |
| Chittagong | 290 04 | 305 04 | 345 05 | 315 08 | 300 26 | 265 29 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 290 18 | 270 07 | 235 05 | 235 07 | 270 17 | 280 26 | 280 41 | ... | ... |
| Dalbandin | ... | ... | 080 07 | 080 04 | 355 06 | 305 01 | 350 12 | ... | ... |
| D. I. Khan | 215 03 | 185 01 | 160 01 | 310 01 | 270 04 | 275 09 | 280 13 | 220 16 | 180 15 |
| Drosh | ... | ... | ... | 180 03 | 055 03 | 170 04 | 020 03 | ... | ... |
| Fort Sandeman | ... | ... | ... | 320 04 | 300 09 | 290 19 | 285 26 | 295 36 | 295 64 |
| Gilgit | ... | ... | ... | 360 11 | 040 17 | 030 05 | 035 01 | 130 06 | 155 06 |
| Ishurdi | 270 04 | 265 03 | 230 04 | 290 15 | 265 24 | 270 45 | 270 42 | ... | ... |
| Jacobabad | 210 10 | 205 10 | 205 10 | 215 08 | 325 11 | 310 22 | 310 44 | ... | ... |
| Jessore | 295 09 | 270 06 | 230 07 | 250 17 | 260 23 | ... | ... | | |
| Jhelum | 300 05 | 295 08 | 310 03 | 290 07 | 315 05 | 335 05 | 310 24 | 295 54 | 290 64 |
| Jiwani | 240 05 | 210 03 | 210 03 | 130 02 | 310 02 | 300 13 | 300 20 | 210 36 | 275 32 |
| Karachi | 115 01 | 060 01 | 052 17 | 020 07 | 345 10 | 340 19 | 310 23 | 010 28 | 305 21 |
| Khanpur | 220 04 | 215 08 | 215 09 | 235 08 | 280 11 | 275 12 | 270 30 | 290 35 | 305 56 |
| Khuzdar | ... | — | ... | 230 04 | 230 05 | 310 16 | 290 34 | 285 50 | 270 47 |
| Lahore | 300 01 | 300 09 | 310 11 | 315 13 | 315 13 | 325 12 | 310 17 | 325 13 | 295 45 |
| Multan | 195 03 | 200 04 | 240 05 | 275 08 | 300 13 | 275 26 | 275 42 | 260 12 | 290 27 |
| Nawab Shah | 015 02 | 010 02 | 355 02 | 305 07 | 300 10 | 320 30 | 315 45 | 300 34 | 280 62 |
| Nokkundi | ... | — | 115 05 | 135 03 | 145 03 | 105 03 | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 100 02 | 310 04 | 290 09 | 290 13 | 290 10 | 300 33 | 280 10 | 285 49 |
| Parachinar | ... | ... | ... | 290 17 | 155 15 | 315 39 | 310 17 | ... | ... |
| Quetta | | ... | | ... | 315 15 | 300 10 | 300 30 | | |
| Sargodha | 285 07 | 305 03 | 340 03 | 340 06 | 335 12 | 290 12 | 287 19 | 295 29 | 285 39 |
| Skardu | ... | ... | ... | 100 02 | 250 10 | 260 10 | 225 20 | 295 18 | 271 27 |
| Sylhet | 255 05 | 230 05 | 220 08 | 215 10 | 275 05 | ... | ... | ... | ... |
| Varaval | ... | — | ... | ... | ... | — | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 810 33 | 355 06 | 215 07 | 245 17 | ... | ... |
| Bogra | 310 12 | 305 12 | 265 13 | 250 15 | 250 20 | 285 38 |
| Chaklala | ... | 020 03 | 330 03 | 280 02 | 260 06 | 285 08 |
| Chhor | 075 18 | 075 07 | 005 03 | 360 05 | 030 11 | 010 07 |
| Chittagong | — | .. | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | .. | ... | ... |
| Dacca | 320 07 | 315 03 | 315 09 | ... | ... | ... |
| Dalbandin | ... | ... | 085 05 | 060 06 | 035 09 | 361 20 |
| D. I. Khan | 020 03 | 010 02 | 350 02 | 350 03 | 360 03 | 030 05 |
| Drosh | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 240 01 | 275 19 | 325 21 |
| Gilgit | | | | 080 05 | 035 04 | |
| Ishurdi | 340 15 | 338 13 | 285 08 | 275 15 | 270 21 | 275 25 |
| Jacobabad | 257 04 | 230 03 | 215 06 | 215 11 | 285 06 | 285 12 |
| Jessore | 015 08 | 020 08 | 355 02 | 270 18 | 275 16 | 270 25 |
| Jhelum | 340 06 | 340 06 | 355 07 | 330 05 | 315 06 | 245 03 |
| Jiwani | 290 09 | 280 17 | 305 05 | 335 01 | 265 09 | 265 09 |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 185 08 | 200 08 | 215 12 | 250 13 | ... | ... |
| Khuzdar | ... | ... | ... | 255 06 | 280 12 | 275 23 |
| Lahore | 260 12 | 265 20 | 280 30 | 295 25 | 300 15 | 320 10 |
| Multan | 135 02 | 210 01 | 235 01 | 355 01 | 215 01 | 265 04 |
| Nawab Shah | 205 05 | 215 03 | 250 01 | 285 11 | 280 05 | ... |
| Nokkundi | ... | ... | 145 03 | 010 01 | 080 02 | 075 01 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 320 04 | 315 08 | 315 08 | 365 08 | 300 08 |
| Parachinar | ... | ... | ... | 225 06 | 080 04 | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 285 04 | 205 04 | 300 05 | 355 07 | 330 07 | 295 09 |
| Skardu | ... | ... | ... | ... | ... | ... |
| Sylhet | 185 03 | 240 01 | 265 04 | 275 10 | .. | .. |
| Varaval | ... | ... | ... | — | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 025 06 | 360 09 | 350 09 | 133 09 | 335 12 | 325 15 | 310 25 | ... | ... | ... | ... |
| Bogra | 305 06 | 300 08 | 400 12 | 265 22 | 260 34 | 255 55 | ... | ... | ... | ... | ... |
| Chaklala | | 170 03 | 175 03 | 100 02 | 095 04 | 215 04 | 170 09 | 270 23 | 300 32 | ... | ... |
| Chhor | 105 08 | 080 08 | 065 09 | 060 05 | 340 02 | 280 15 | 380 36 | 285 40 | 275 47 | 275 48 | 310 39 |
| Chittagong | 345 11 | 340 06 | 310 07 | 250 09 | 265 15 | 270 26 | 285 35 | 280 39 | 275 45 | — | ... |
| Cherat | ... | — | ... | ... | ... | ... | - | ... | ... | ... | — |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 360 08 | 360 10 | 310 19 | 310 10 | 270 10 | 270 35 | 265 31 | 280 39 | 280 41 | 270 54 | 260 63 |
| Dalbandin | ... | ... | 095 08 | 100 15 | 120 09 | 260 15 | 268 43 | 270 52 | 270 53 | 270 57 | 255 72 |
| D. I. Khan | 330 06 | 225 05 | 220 03 | 215 06 | 245 06 | 180 04 | 290 15 | 280 21 | 285 21 | 270 51 | 275 46 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| Fort Sandeman | ... | ... | ... | 225 05 | 320 08 | 290 31 | 325 11 | 128 31 | ... | ... | — |
| Gilgit | ... | | | 090 08 | 015 09 | 275 17 | 170 04 | 120 12 | 240 05 | ... | ... |
| Ishurdi | 120 01 | 220 03 | 220 06 | 020 03 | 275 05 | 260 23 | 275 43 | 285 59 | 285 69 | ... | ... |
| Jacobabad | 120 01 | 320 07 | 220 08 | 070 03 | 275 05 | 260 22 | 275 43 | 285 59 | 285 69 | 270 95 | 280 70 |
| Jessore | 350 08 | 350 07 | 350 05 | 280 10 | 270 16 | 070 25 | 270 27 | 280 31 | 270 13 | 260 49 | 265 72 |
| Jhelum | 350 03 | 310 03 | 295 03 | 290 02 | 240 08 | 105 06 | 290 20 | 290 33 | 280 44 | 305 71 | 280 40 |
| Jiwani | 260 07 | 240 04 | 200 04 | 305 06 | 235 13 | 265 24 | 360 38 | 264 07 | 270 49 | — | ... |
| Karachi | 150 07 | 155 07 | 175 07 | 070 01 | 245 04 | 290 11 | 280 29 | 290 31 | 295 35 | ... | ... |
| Khanpur | 195 15 | 205 12 | 220 11 | 335 17 | 285 19 | 345 17 | 275 31 | 240 44 | 305 14 | 270 86 | 275 72 |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 130 06 | 305 10 | 305 12 | 300 08 | 295 07 | 290 05 | 240 07 | 290 11 | 280 93 | 275 33 | 280 97 |
| Multan | 175 13 | 175 15 | 105 13 | 220 11 | 280 09 | 285 10 | 280 48 | ... | ... | ... | ... |
| Nawab Shah | 150 08 | 145 10 | 260 06 | 265 03 | 260 07 | 260 19 | 380 14 | 305 47 | 305 72 | 280 84 | 280 84 |
| Nokkundi | ... | ... | 145 05 | 125 15 | 130 20 | 250 11 | 285 08 | 310 47 | 300 10 | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 075 02 | 320 04 | 315 09 | 310 05 | 290 08 | 295 25 | 285 37 | 275 43 | 275 32 | 280 50 |
| Parachinar | ... | ... | | 115 11 | 105 03 | 285 31 | 305 23 | 295 45 | 305 35 | 280 60 | 280 85 |
| Quetta | ... | | | ... | 230 04 | 310 07 | 315 14 | 335 14 | ... | ... | ... |
| Sargodha | 150 06 | 305 14 | 300 10 | 270 04 | 325 05 | 270 08 | 280 19 | 285 24 | 290 37 | 285 38 | ... |
| Skardu | ... | ... | ... | 150 07 | 255 01 | 270 03 | ... | ... | ... | ... | ... |
| Sylhet | 300 01 | 250 04 | 300 04 | 360 13 | 325 17 | 265 40 | ... | ... | ... | ... | ... |
| 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 | 4.5 | [illegible].4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 290 10 | 295 12 | 295 10 | 295 09 | 295 12 | 290 15 | 280 12 | 280 17 | 280 25 | 275 53 | 280 71 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

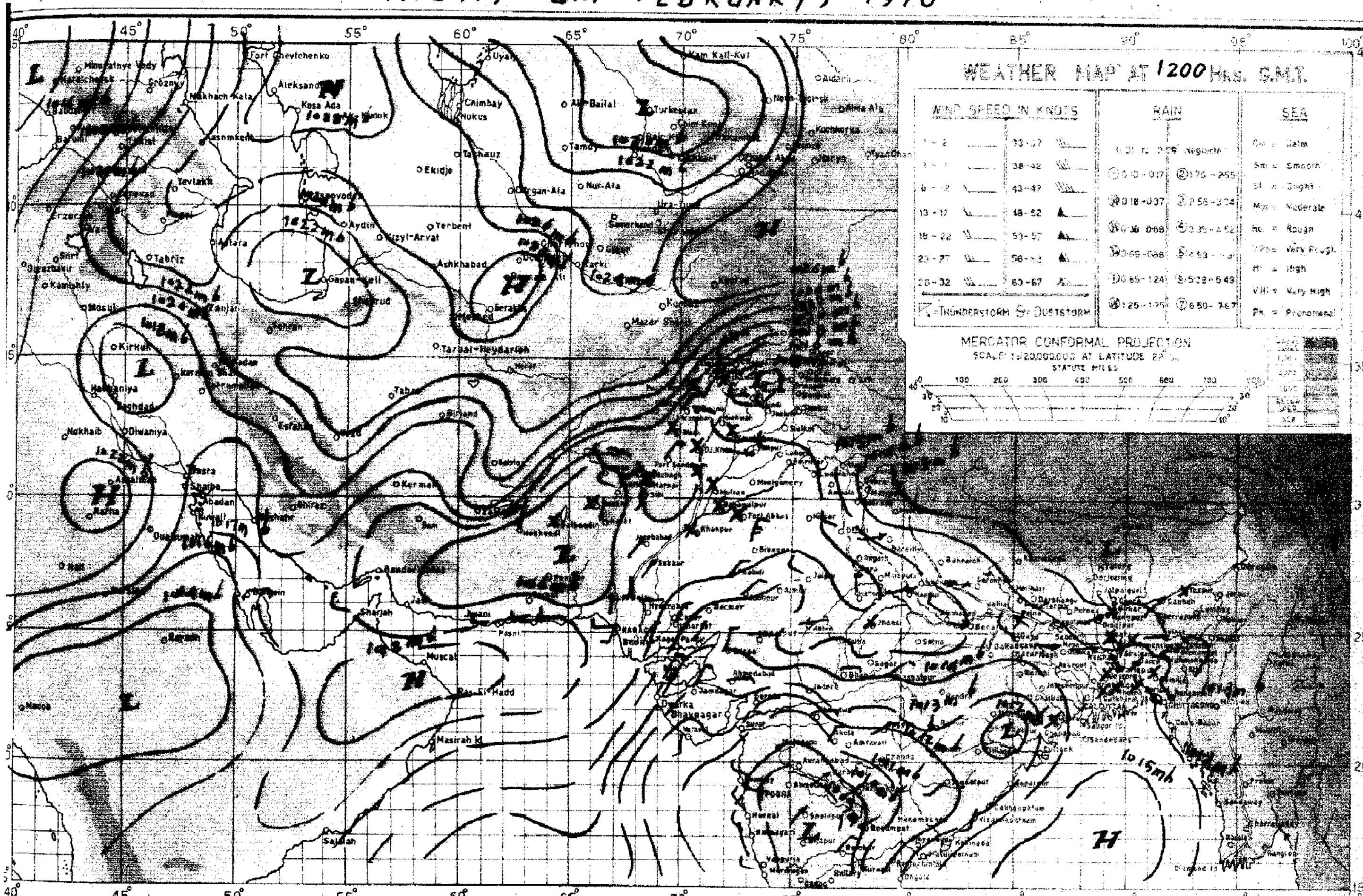
† The actual time of observations may vary within half an hour of the specified time.

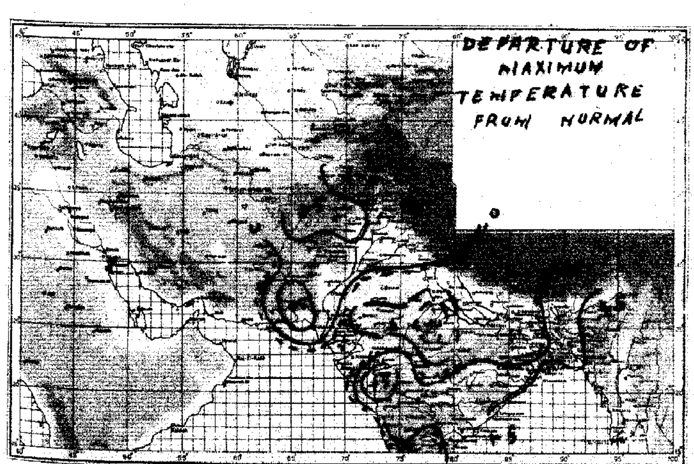
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East; The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

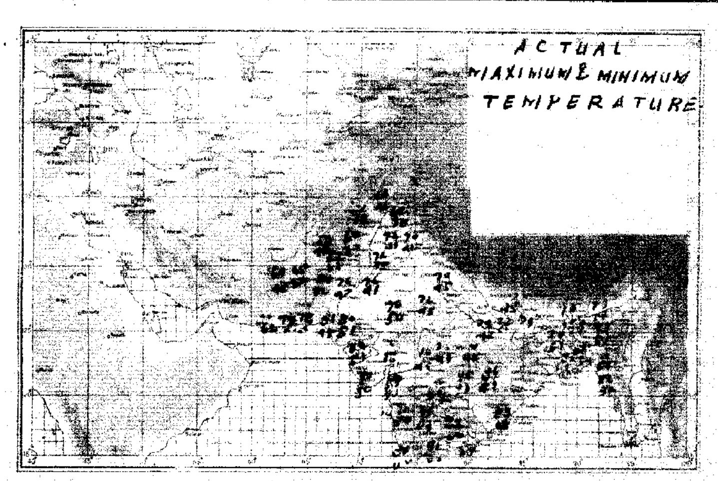
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

FRIDAY 6TH FEBRUARY, 1970



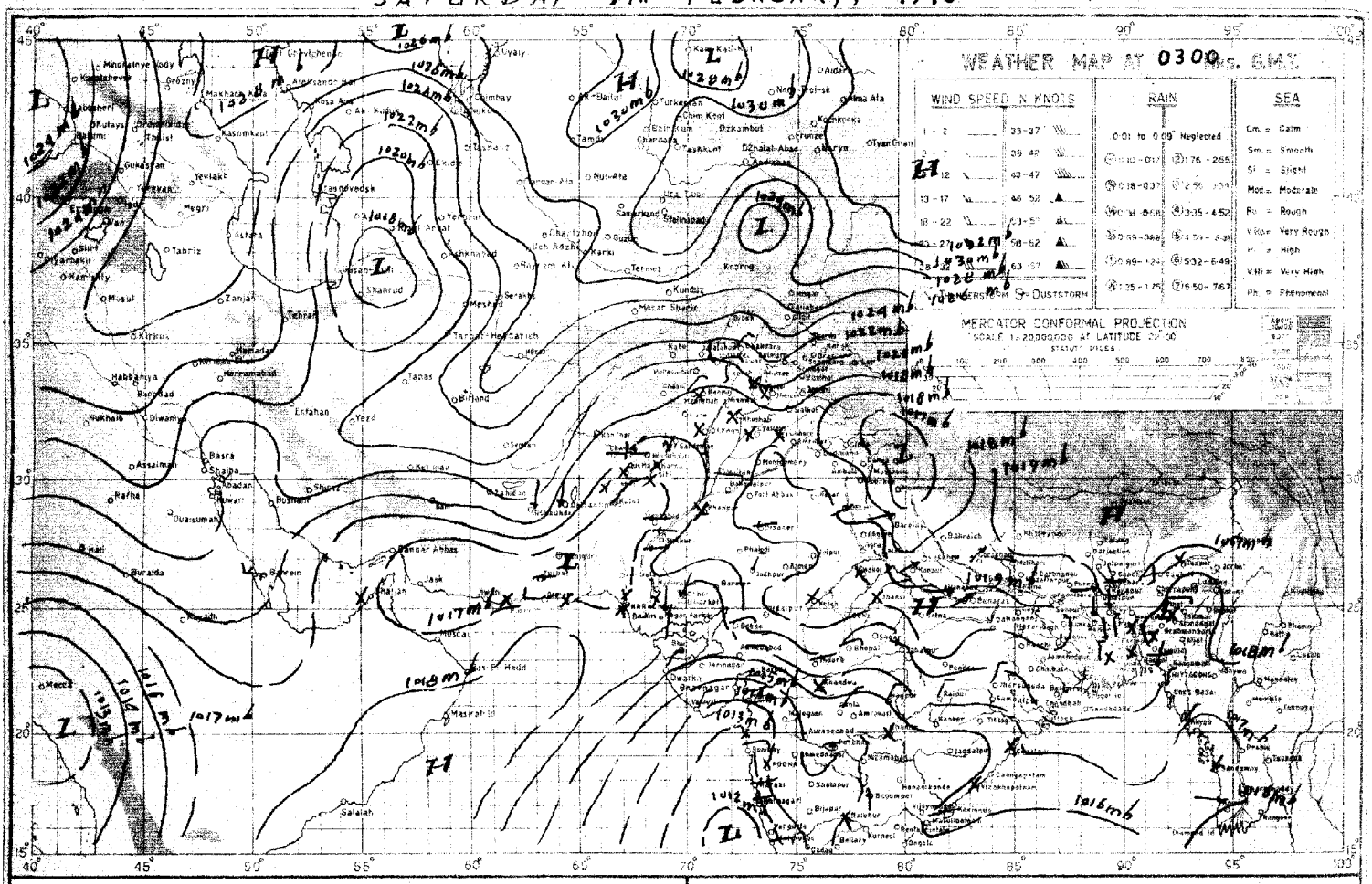



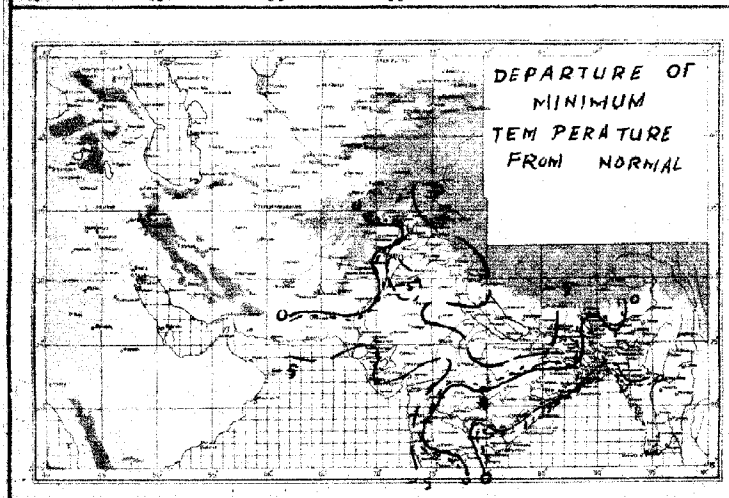



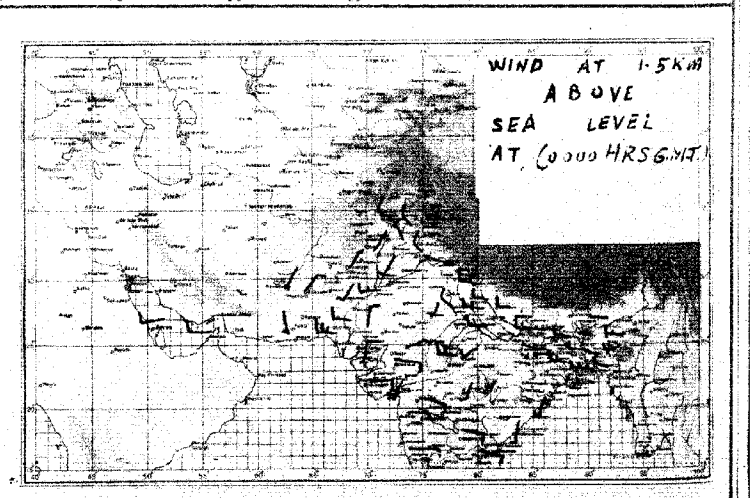

SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SATURDAY 7TH FEBRUARY, 1970

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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 8th FEBRUARY 1970.**

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

Yesterday's secondary western disturbance over Quetta division has become unimportant.
The westerly low pressure wave moved away across Chittagong division. Dry continental air prevails over the country.
Weather remained dry over the country.
Night temperatures were 3—5 °F (2—3 °C) below normal in Khulna, Dacca, Chittagorg, Lahore and Hyderabad divisions and to the same extent above normal in Quetta division.
**Forecast valid until the evening of 9th February 1970 :—**Weather is likely to be mainly dry over the country.

Karachi-11
The 8th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions | Stations | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility † | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chittagong | 000 | 0 | 6 | 21 | 08 | 96 | 03 | 0 | 152 | 75 | 0 | 0 | 9 | 0 | 1 | 58 | 82 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 81 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 160 | // | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| | Sylhet | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 158 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 167 | 66 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 157 | 75 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 169 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| | Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 2 | 150 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 78 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 0. | 0 | 164 | 72 | 0 | 0 | 9 | 0 | 0 | 66 | 82 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 162 | 73 | 0 | 0 | 8 | 0 | 0 | 49 | 80 |
| | Jessore | 000 | 0 | 0 | 00 | 08 | 97 | 02 | 0 | 160 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 79 |
| Rajshahi | Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 138 | 73 | 0 | 0 | 9 | 0 | 0 | 43 | 77 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bogra | 000 | 0 | 0 | 00 | 08 | // | 02 | 0 | 159 | 66 | 0 | 0 | 9 | 0 | 0 | 45 | 77 |
| | Dinajpur | 000 | 0 | 0 | 00 | 08 | // | 00 | 0 | 146 | 60 | 0 | 0 | 9 | 0 | 0 | 52 | 77 |
| | Rangpur | 000 | 0 | 0 | 00 | 08 | 96 | 01 | 0 | 147 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 79 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 8 | 21 | 02 | 96 | 08 | 1 | 166 | 46 | 2 | 5 | 7 | 2 | 7 | 32 | 69 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 125 | 58 | 0 | 0 | 9 | 0 | 0 | 75 | 75 |
| Rawalpindi | Jhelum | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | 165 | 64 | 8 | 4 | 9 | 0 | 6 | 43 | 69 |
| | Islamabad | 000 | 0 | 0 | 00 | 08 | 96 | 01 | 0 | /// | 60 | 2 | 0 | 6 | 1 | 0 | 34 | 60 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 98 | 02 | 5 | 170 | 62 | 0 | 0 | 9 | 0 | 0 | 28 | 66 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 0 | 00 | 97 | 03 | 2 | 171 | 66 | 4 | 3 | 9 | 4 | 0 | 38 | 74 |
| | Sargodha | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 2 | 165 | 66 | 5 | 0 | 9 | 3 | 0 | 60 | 71 |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 8 | 169 | 68 | 0 | 3 | 8 | 0 | 0 | 49 | 71 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 7 | 05 | 02 | 97 | 02 | 0 | 177 | 66 | 2 | 3 | 6 | 7 | 0 | 45 | 69 |
| | Leiah | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 181 | 69 | 0 | 0 | 9 | 0 | 0 | 53 | 69 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 08 | 00 | 97 | 02 | 0 | 154 | 75 | 0 | 0 | 9 | 0 | 0 | 32 | 77 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 155 | 72 | 0 | 0 | 9 | 0 | 0 | 40 | 73 |
| | Fort Abbas | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 145 | 75 | 0 | 0 | 9 | 0 | 0 | 66 | 75 |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | 000 | 0 | 6 | 23 | 03 | 97 | 02 | 1 | 164 | 66 | 0 | 0 | 9 | 3 | 1 | 38 | 69 |
| | Haripur | 000 | 0 | 0 | 28 | 02 | 98 | 00 | 0 | 161 | 60 | 0 | 0 | 9 | 0 | 0 | 40 | 68 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 09 | 02 | 98 | 02 | 2 | 168 | 64 | 0 | 0 | 9 | 6 | 0 | 32 | 68 |
| | D. I. Khan | 000 | 0 | 0 | 08 | 00 | 97 | 02 | 2 | 137 | 64 | 2 | 3 | 2 | 2 | 6 | 30 | 69 |
| Quetta | Sibi | 000 | 0 | 4 | 18 | 03 | 97 | 03 | 1 | 154 | 78 | 0 | 6 | 9 | 8 | 0 | 55 | 79 |
| | Nokkundi | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 138 | 71 | 3 | 8 | 9 | 4 | 0 | 35 | 77 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 166 | 80 | 0 | 0 | 9 | 0 | 0 | 44 | 80 |
| | Jiwani | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 157 | 74 | 0 | 0 | 9 | 0 | 1 | 57 | 75 |
| | Pasni | 000 | 0 | 0 | 25 | 04 | 97 | 02 | 0 | 154 | 76 | 0 | 0 | 0 | 0 | 0 | 59 | 78 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 149 | 73 | 0 | 0 | 9 | 0 | 0 | 65 | 75 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 158 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 149 | 77 | 0 | 0 | 9 | 0 | 0 | 35 | 82 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 171 | 79 | 0 | 0 | 0 | 0 | 0 | 22 | 87 |
| | Chhor | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 140 | 82 | 0 | 0 | 9 | 0 | 0 | 25 | 85 |
| | Hyderabad | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 147 | 83 | 0 | 0 | 9 | 0 | 0 | 35 | 84 |
| | Badin | 000 | 0 | 0 | 34 | 04 | 97 | 02 | 0 | 144 | 82 | 0 | 0 | 9 | 0 | 0 | 25 | 84 |
| Khairpur | Padidan | 000 | 0 | 0 | 38 | 05 | 97 | 02 | 0 | 146 | 77 | 0 | 0 | 9 | 0 | 0 | 32 | 79 |
| | Nawabshah | 000 | 0 | 0 | 22 | 02 | 96 | 02 | 0 | 150 | 80 | 0 | 0 | 9 | 0 | 0 | 47 | 82 |
| | Sukkur | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 149 | 80 | 0 | 0 | 9 | 0 | 0 | 41 | 82 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 157 | 78 | 1 | 0 | 9 | 1 | 0 | 45 | 79 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * ... | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat * ... | 000 | 0 | 0 | 02 | 03 | 98 | 00 | 0 | 317 | 52 | 0 | 0 | 9 | 0 | 0 | 33 | 54 |
| | Kakul * ... | 000 | 0 | 6 | 13 | 02 | 98 | 03 | 1 | 312 | 54 | 2 | 0 | 9 | 3 | 5 | 19 | 59 |
| | Landikotal * ... | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 428 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 59 |
| | Parachinar * ... | 000 | 0 | 5 | 16 | 05 | 98 | 03 | 0 | 500 | 49 | 0 | 0 | 9 | 0 | 0 | 18 | 52 |
| D.I. Khan | Miranshah * ... | 0 0 | 0 | 0 | 05 | 08 | 99 | 00 | 0 | 493 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 67 |
| | Wana * ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 505 | 52 | 0 | 0 | 9 | 0 | 0 | 41 | // |
| Quetta | Fort Sandeman * ... | 000 | 0 | 0 | 05 | 05 | 97 | 01 | 2 | 502 | 55 | 1 | 5 | 7 | 7 | 1 | // | 58 |
| | Hindubagh * ... | 000 | 0 | 0 | 20 | 03 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 27 | // |
| | Loralai * ... | 000 | 0 | 0 | 27 | 03 | 97 | 01 | 0 | 495 | 45 | 0 | 1 | 9 | 0 | 0 | 35 | 46 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 5 | 00 | 00 | 91 | 02 | 0 | 493 | 63 | 0 | 0 | 9 | 0 | 3 | 41 | 64 |
| | Samungli (Quetta) * ... | 000 | 0 | 7 | 31 | 02 | 97 | 03 | 0 | 518 | 51 | 7 | 4 | 6 | 3 | 0 | 33 | 53 |
| | Chaman * ... | 000 | 0 | 0 | 31 | 03 | 96 | 00 | 0 | 525 | 55 | 0 | 0 | 9 | 0 | 0 | 35 | 58 |
| | Nushki * ... | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 559 | 62 | 0 | 0 | 9 | 0 | 2 | 42 | 64 |
| | Dalbandin * ... | 000 | 0 | 5 | 05 | 03 | 97 | 03 | 0 | 522 | 65 | 0 | 0 | 9 | 3 | 0 | 27 | 60 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 2 | 517 | 40 | 0 | 0 | 9 | 8 | 0 | 20 | 57 |
| | Khuzdar * ... | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 320 | 70 | 0 | 0 | 9 | 0 | 0 | // | 71 |
| | Panjgur * ... | | | | | | | | | | | | | | | | | |

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

| Divisions | Stations | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amounts of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn |
| 1 | 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| Chittagong | Rangamati | 000 | 0 | 0 | 05 | 05 | 96 | 48 | 4 | 200 | 59 | 0 | 0 | 9 | 0 | 0 | 59 | 60 |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 10 | 96 | 02 | 0 | 177 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 59 |
| | Chittagong | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 181 | 66 | 0 | 0 | 9 | 0 | 0 | 54 | 58 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 178 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 179 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 54 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 1 | 195 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 53 |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 176 | 60 | 0 | 0 | 9 | 0 | 0 | 53 | 45 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 199 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 50 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 193 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 54 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 198 | 64 | 0 | 0 | 9 | 0 | 0 | 46 | 46 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 192 | 68 | 0 | 0 | 9 | 0 | 0 | 52 | 50 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Satkhira | 000 | 0 | 0 | 36 | 12 | 97 | 00 | 0 | 176 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 52 |
| | Jessore | 000 | 0 | 0 | 03 | 08 | 96 | 05 | 0 | 192 | 66 | 0 | 0 | 9 | 0 | 0 | 45 | 52 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 197 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 54 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 192 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 50 |
| | Rajshahi | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 204 | 62 | 0 | 0 | 9 | 0 | 0 | 52 | 50 |
| | Bogra | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 190 | 62 | 0 | 0 | 9 | 0 | 0 | 52 | 50 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 190 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 50 |
| | Rangpur | 000 | 0 | 0 | 09 | 02 | 96 | 01 | 0 | 177 | 60 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 1 | 204 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 42 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 120 | 59 | 0 | 0 | 9 | 0 | 0 | 35 | 40 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 0 | 207 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 40 |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | /// | 51 | 0 | 0 | 9 | 0 | 0 | 34 | 43 |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 218 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 38 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sargodha | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 205 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 35 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 191 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 41 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 208 | 50 | 1 | 5 | 9 | 3 | 0 | 42 | 44 |
| | Leiah | 000 | 0 | 0 | 36 | 01 | 90 | 05 | 2 | 200 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | // |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 200 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 45 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 176 | 56 | 0 | 0 | 9 | 0 | 0 | 49 | 43 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 210 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 34 |
| Malakand | Chakdara | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 183 | 50 | 0 | 0 | 9 | 0 | 0 | 30 | 33 |
| Peshawar | Peshawar | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 230 | 42 | 0 | 0 | 9 | 0 | 0 | 30 | 42 |
| | Haripur | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 197 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 38 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 00 | 00 | 99 | 01 | 1 | 215 | 45 | 0 | 0 | 9 | 2 | 0 | 30 | 45 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 210 | 44 | 0 | 0 | 9 | 0 | 0 | 40 | 41 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 205 | 49 | 0 | 0 | 9 | 0 | 0 | 53 | 44 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 224 | 46 | 0 | 0 | 9 | 0 | 0 | 34 | 48 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 198 | 52 | 0 | 0 | 9 | 0 | 0 | 38 | // |
| | Jiwani | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 173 | 61 | 0 | 0 | 9 | 0 | 0 | 37 | 41 |
| | Pasni | 000 | 0 | 0 | 25 | 08 | 97 | 02 | 0 | 173 | 58 | 0 | 0 | 9 | 0 | 0 | 32 | // |
| Karachi division | Ormara | 000 | 0 | 0 | 08 | 08 | 96 | 02 | 0 | 181 | 61 | 0 | 0 | 9 | 0 | 0 | 57 | // |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 195 | 59 | 0 | 0 | 9 | 0 | 0 | 47 | 50 |
| | Karachi (Airport) | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 172 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 48 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 194 | 60 | 0 | 0 | 0 | 0 | 0 | 40 | 60 |
| | Chhor | 000 | 0 | 0 | 00 | 03 | 96 | 02 | 0 | 175 | 50 | 0 | 0 | 9 | 0 | 0 | 22 | 44 |
| | Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 03 | 0 | 188 | 57 | 0 | 0 | 9 | 0 | 0 | 35 | 32 |
| | Badin | 000 | 0 | 0 | 36 | 01 | 97 | 02 | 0 | 188 | 48 | 0 | 0 | 9 | 0 | 0 | 36 | 45 |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 194 | 46 | 0 | 0 | 9 | 0 | 0 | 40 | 42 |
| | Nawabshah | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 196 | 46 | 0 | 0 | 9 | 0 | 0 | 40 | 43 |
| | Sukkur | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 4 | 193 | 59 | 0 | 0 | 9 | 0 | 0 | 37 | 52 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 184 | 55 | 0 | 0 | 9 | 0 | 0 | 41 | 49 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * ... | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat * ... | 000 | 0 | 0 | 07 | 36 | 98 | 00 | 0 | 537 | 48 | 0 | 0 | 9 | 0 | 0 | 33 | 35 |
| | Kakul * ... | 000 | 0 | 1 | 00 | 00 | 98 | 03 | 0 | 527 | 43 | 0 | 0 | 9 | 0 | 1 | 18 | 38 |
| | Landikotal * ... | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 606 | 43 | 0 | 0 | 9 | 0 | 0 | 20 | 26 |
| | Parachinar * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 553 | 34 | 0 | 0 | 9 | 0 | 0 | 28 | 28 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 510 | 36 | 0 | 0 | 9 | 0 | 0 | 26 | 30 |
| | Wana * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman * ... | 000 | 0 | 0 | 18 | 02 | 98 | 01 | 0 | 530 | 35 | 0 | 0 | 9 | 0 | 0 | 23 | 32 |
| | Hindubagh * ... | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | /// | 35 | 0 | 0 | 9 | 0 | 0 | 30 | // |
| | Loralai * ... | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 490 | 29 | 0 | 0 | 9 | 0 | 0 | 35 | // |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 301 | 46 | 0 | 0 | 9 | 0 | 0 | 34 | 41 |
| | Samungli (Quetta) * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 544 | 32 | 0 | 0 | 9 | 0 | 0 | 30 | 37 |
| | Chaman * ... | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 517 | 46 | 0 | 0 | 9 | 0 | 0 | 34 | 44 |
| | Nushki * ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 578 | 45 | 0 | 0 | 9 | 0 | 0 | 27 | 42 |
| | Dalbandin * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 1 | 529 | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 40 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 342 | 34 | 0 | 0 | 9 | 0 | 0 | 36 | 32 |
| | Khuzdar * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 923 | 47 | 0 | 0 | 9 | 0 | 0 | 37 | 41 |
| | Panjgur * ... | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| Divisions | Stations | Maximum temperature (Departure from Normal) | Minimum Temperature (Departure from Normal) | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|
| | | TxTx | TnTn | | | | |
| 1 | 2 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | — | + 1 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | + 1 | + 1 | 1.3 | — 1.8 | 0.1 | 108 |
| | Maijdee Court | — | — 7 | — | — | — | 115 |
| | Comilla | + 1 | — 1 | 1.3 | — 0.8 | 0.8 | 94 |
| | Brahmanbaria | — | — | 2.1 | + 0.3 | 0.7 | 78 |
| | Sylhet | | | | | | — |
| | Srimangal | — | — 5 | — | — | — | 98 |
| Dacca | Mymensingh | + 1 | — 5 | — | — | — | 91 |
| | Narayanganj | + 2 | — 3 | 2.5 | + 0.9 | 1.1 | 74 |
| | Dacca (Tejgaon) | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | — | — 4 | — | — | — | 71 |
| Khulna | Barisal | — 2 | | | | | 81 |
| | Khulna | + 1 | | | | | 68 |
| | Satkhira | — 3 | — 4 | — | — | — | 68 |
| | Jessore | — 1 | — | 2.4 | + 0.7 | 1.3 | 65 |
| Rajshahi | Pabna | — | — | — | — | — | 39 |
| | Sirajganj | 6 | — 3 | — | — | | 64 |
| | Rajshahi | — | — 3 | 4.1 | + 2.9 | 1.1 | — |
| | Bogra | — 1 | — 3 | 1.7 | + 0.3 | 0.5 | 49 |
| | Dinajpur | 8 | — 1 | 1.6 | + 0.6 | 0.8 | 72 |
| | Rangpur | + 3 | + 3 | 2.1 | + 1.3 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | — 1 | 0 | 0.7 | — 1.1 | 0.7 | 19 |
| | Sialkot | + 8 | — 4 | — | — | — | 32 |
| Rawalpindi | Jhelum | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | — | — | — | — | — | |
| | Rawalpindi | + 4 | — 2 | 2.9 | — 1.9 | 2.7 | 36 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | + 6 | | | | | 15 |
| | Sargodha | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | + 3 | — 1 | 0.3 | — 0.5 | 0.3 | 12 |
| Multan | Sahiwal | | | | | | 10 |
| | Multan | — 1 | + 2 | 0.1 | — 0.7 | 0.1 | 7 |
| | Leiah | — | — | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | + 1 | 0 | 0.7 | + 0.1 | 0.4 | 6 |
| | Bahawalpur | — 1 | — 2 | — | — | — | 6 |
| | Fort Abbas | — | — | — | — | — | 8 |
| Malakand | Chakdara | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | + 5 | 0 | 1.5 | — 1.2 | 1.0 | 11 |
| | Haripur | — | — | 2.9 | — | 1.9 | — |
| D. I. Khan | Bannu | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | 0 | — 2 | 1.1 | + 0.1 | 1.1 | 9 |
| Quetta | Sibi | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | — | — | 1.7 | — | 1.7 | 2 |
| Kalat | Turbat | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | — | — | 8.7 | — | 7.9 | 5 |
| | Pasni | + 2 | — | 2.5 | + 0.8 | 2.5 | 6 |
| Karachi division | Ormara | — | — | 2.3 | — 0.7 | 2.3 | 6 |
| | Lasbela | | | | | | 8 |
| | Karachi (Manora) | + 5 | 8 | 0.3 | — 0.6 | 0.3 | 8 |
| | Karachi (Airport) | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| | Chhor | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | + 6 | — 0 | 0.1 | — 0.2 | 0.1 | 9 |
| | Badin | — | — 8 | 0.1 | — 0.5 | 0.1 | — |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 2.0 | — | 2.0 | 4 |
| | Sukkur | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | — | | | | | 4 |
| | Jacobabad | + 9 | + 2 | 0.1 | — 0.4 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | HILL STATIONS | | | | | | |
| Kashmir | Srinagar * ... | | | | | | — |
| | Gulmarg ** ... | | | | | | 71 |
| | Sonamarg ** ... | | | | | | 86 |
| | Dras ** ... | | | | | | 8 |
| | Leh ** ... | | | | | | 8 |
| | Skardu * ... | | | | | | — |
| | Misgar ** ... | | | | | | — |
| | Aliabad * ... | | | | | | 8 |
| | Gilgit * ... | | | | | | 19 |
| Rawalpindi | Murree * ... | | | | | | 10 |
| Malakand | Drosh * ... | | | | | | 29 |
| Peshawar | Cherat * ... | + 5 | — 4 | 1.9 | — 3.3 | 1.3 | — |
| | Kakul * ... | — | — | 4.6 | — | 3.5 | — |
| | Landikotal * ... | — | — | 0.9 | — | 0.1 | 19 |
| | Parachinar * ... | + 1 | — 2 | — | — | — | 13 |
| D.I. Khan | Miranshah * ... | — | — | 0.0 | — 2.1 | 0.0 | 11 |
| | Wana * ... | | | | | | 13 |
| Quetta | Fort Sandeman * ... | + 1 | + 1 | 0.4 | — 1.3 | 0.4 | — |
| | Hindubagh * ... | — | — | 1.1 | — | 1.0 | 9 |
| | Loralai * ... | — | — | 0.3 | — | 0.3 | — |
| | Barkhan * ... | | | | | | 14 |
| | Harnai * ... | — | — | 0.7 | — 1.5 | 0.7 | 9 |
| | Samungli (Quetta) * ... | + 4 | — | — | — | — | 9 |
| | Chaman * ... | — | + 8 | 7.7 | + 2.7 | 7.7 | — |
| | Nushki * ... | — | — | 2.9 | — | 2.9 | 4 |
| | Dalbandin * ... | — | + 4 | 3.3 | + 0.2 | 2.2 | 7 |
| Kalat | Kalat * ... | + 6 | + 2 | 0.9 | — 2.1 | 0.9 | — |
| | Khuzdar * ... | — | — | — | — | — | 8 |
| | Panjgur * ... | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 8th FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Flying Hawk | 99 2 05 | 10 6 38 | 07 0 63 | 00 4 12 | 980 22 | 02 5 0/ | | | | | 0/ / 18 | 12 5 00 | 30 2 02 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 142 21 | ... | 480 092 56 | 108 004 56 | 576 027 57 | 743 229 56 | 949 361 56 | 219 553 // | 397 608 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 016 104 37 | ... | /// /// // | 117 032 59 | 575 131 57 | 741 261 58 | 947 357 49 | 216 555 // | 394 701 // | 634 761 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 013 154 52 | ... | 500 070 61 | 052 041 // | 562 195 // | 725 275 // | 928 335 // | 209 401 // | .. | ... | ... | ... | ... |
| Multan ... | 00 00 | 003 080 40 | .. | 500 094 57 | 085 041 // | 564 221 // | 724 357 // | ... | .. | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 977 046 57 | .. | 490 062 59 | 066 041 58 | 564 211 // | 725 331 // | 921 453 // | 192 445 // | .. | ... | .. | ... | ... |
| Quetta ... | 00 00 | 823 034 42 | ... | ... | 095 000 // | 574 093 // | 744 193 // | 952 309 // | 231 449 // | 422 513 // | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 996 081 57 | ... | 500 054 50 | 053 035 56 | 561 215 // | 727 305 // | 922 425 // | 190 531 // | .. | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 112 35 | 800 064 56 | 400 047 18 | 350 379 56 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 124 57 | 8.0 076 59 | 600 053 57 | 350 287 59 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 830 040 // | ... | 350 261 // | 250 003 73 | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 085 09 | 335 07 | 300 41 | 295 12 | 195 15 | 285 15 | ... | .. | ... |
| Bogra | 285 04 | 290 04 | 290 56 | 300 17 | 290 53 | 280 33 | 265 53 | ... | ... |
| Chaklala | ... | 240 05 | 240 50 | 345 01 | 250 10 | 100 06 | ... | 255 34 | 285 03 |
| Chhor | 345 03 | 030 04 | 045 04 | 055 02 | 270 09 | 280 12 | 265 03 | 280 23 | 255 56 |
| Chittagong | 201 02 | 330 09 | 330 09 | 245 10 | 270 14 | 225 31 | 255 51 | .. | ... |
| Cherat | ... | ... | ... | — | ... | ... | — | — | — |
| Cox's Bazar | 320 12 | 335 20 | 340 20 | ... | ... | ... | .. | ... | ... |
| Dacca | 280 08 | 230 08 | 230 08 | 315 07 | 305 32 | 295 23 | 260 36 | 280 36 | 275 45 |
| Dalbandin | ... | ... | 060 02 | 010 02 | 285 05 | 270 16 | 265 32 | ... | — |
| D. I. Khan | 130 03 | 330 01 | 020 03 | 070 01 | 195 01 | 170 09 | 295 13 | ... | ... |
| Drosh | .. | ... | ... | 040 04 | 050 09 | 300 03 | 160 01 | 285 50 | 305 30 |
| Fort Sandeman | ... | ... | ... | 040 02 | 040 01 | 275 23 | 320 23 | 235 27 | ... |
| Gilgit | No | Ascent | .. | .. | ... | ... | . | .. | ... |
| Ishurdi | ... | .. | | | ... | | ... | ... | ... |
| Jacobabad | 145 02 | 185 03 | 190 05 | 185 05 | 185 06 | 265 23 | 290 43 | ... | .. |
| Jessore | 020 04 | 035 02 | 350 03 | 330 04 | 300 08 | 300 22 | 195 22 | | |
| Jhelum | 340 01 | 335 03 | 330 07 | 305 07 | 280 05 | 040 04 | 140 09 | 275 13 | 290 14 |
| Jiwani | 265 08 | 250 06 | 250 06 | 245 10 | 270 10 | 260 24 | 255 45 | 355 42 | 270 56 |
| Karachi | 300 06 | 305 06 | 345 02 | 215 04 | 260 11 | 275 19 | 252 61 | 270 33 | 265 50 |
| Khanpur | 150 02 | 285 03 | 235 08 | 245 02 | 295 05 | 160 20 | 080 31 | 180 01 | 180 62 |
| Khuzdar | ... | | | ... | | ... | ... | ... | .. |
| Lahore | 320 05 | 315 06 | 315 05 | 310 05 | 345 09 | 280 05 | ... | ... | .. |
| Multan | 015 07 | 095 02 | 075 04 | ... | ... | ... | | ... | ... |
| Nawab Shah | 020 17 | 085 20 | 180 20 | 185 12 | 220 12 | 265 03 | 265 05 | ... | .. |
| Nokkundi | ... | - | 310 04 | 345 05 | 315 09 | 300 08 | ... | .. | .. |
| Panjgur | — | | | | | ... | ... | .. | .. |
| Peshawar | .. | 130 05 | 350 03 | 335 08 | 305 08 | 330 06 | ... | | ... |
| Parachinar | .. | .. | .. | 340 02 | 155 06 | 315 27 | 315 23 | 285 27 | 305 23 |
| Quetta | .. | | | | 260 10 | 275 00 | | | |
| Sargodha | 270 06 | 285 06 | 350 06 | 355 08 | 005 06 | 300 18 | 345 15 | 321 10 | 345 90 |
| Skardu | | | | 150 16 | | | — | ... | — |
| Sylhet | 275 10 | 260 06 | 215 05 | 180 05 | 255 15 | 265 30 | .. | — | ... |
| Veraval | ... | ... | | ... | ... | — | - | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | ... | | | | | |
| Bogra | 305 04 | 345 05 | 310 04 | 280 21 | 275 15 | 298 23 |
| Chaklala | ... | | ... | | | |
| Chhor | 070 15 | 065 15 | 065 15 | 330 07 | 275 18 | 300 32 |
| Chittagong | — | — | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 360 12 | 355 17 | 350 17 | 340 14 | 320 12 | ... |
| Dacca | 005 12 | 035 11 | 285 10 | | | ... |
| Dalbandin | ... | ... | 055 05 | 045 01 | 355 08 | 350 01 |
| D. I. Khan | 345 03 | 310 02 | 320 04 | 320 04 | .. | ... |
| Drosh | | ... | | 040 04 | 015 09 | 025 13 |
| Fort Sandeman | .. | ... | .. | 028 01 | 300 06 | 295 14 |
| Gilgit | No | Ascent | | | | |
| Ishurdi | 005 01 | 010 05 | 335 09 | 300 21 | 305 38 | 300 53 |
| Jacobabad | 005 04 | 030 02 | 032 05 | 245 13 | 030 02 | 255 15 |
| Jessore | 035 11 | 035 08 | 330 07 | 325 14 | 315 17 | 295 15 |
| Jhelum | 310 04 | 340 06 | 020 04 | 050 02 | 345 05 | 320 15 |
| Jiwani | 040 06 | 070 13 | 070 12 | 045 08 | 290 15 | 315 11 |
| Karachi | | | | | | |
| Khanpur | 055 18 | 075 08 | 060 08 | 350 07 | 235 04 | 265 10 |
| Khuzdar | | | | 225 03 | 285 06 | 270 11 |
| Lahore | 330 05 | 320 07 | 315 07 | 315 07 | 300 06 | 280 08 |
| Multan | 118 07 | 075 05 | 350 01 | 340 05 | 285 09 | 275 13 |
| Nawab Shah | 105 02 | 105 07 | 065 05 | 295 54 | 330 14 | 295 25 |
| Nokkundi | .. | | 150 04 | 260 03 | 330 03 | ... |
| Panjgur | ... | | | | | |
| Peshawar | .. | 260 01 | 315 02 | 245 08 | 015 08 | 070 06 |
| Parachinar | ... | .. | .. | 335 06 | 165 01 | ... |
| Quetta | ... | | | | ... | ... |
| Sargodha | 280 02 | 340 02 | 150 02 | 275 19 | 345 01 | .. |
| Skardu | | | ... | 179 19 | 295 01 | |
| Sylhet | 075 04 | 035 01 | 115 01 | 253 09 | 275 14 | 260 32 |
| Veraval | . | .. | . | ... | . | - |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 330 06 | 330 10 | 330 10 | 310 13 | 310 23 | 315 25 | 285 27 | 255 20 | ... | ... | ... |
| Bogra | .. | | | ... | | | ... | ... | ... | ... | ... |
| Chaklala | | 135 07 | 110 12 | 175 02 | 125 20 | 260 54 | 110 12 | 145 11 | 140 12 | ... | |
| Chhor | 095 06 | 070 10 | 030 09 | 010 19 | 020 12 | 280 19 | 200 14 | 290 30 | 280 13 | 305 62 | 305 62 |
| Chittagong | 335 08 | 335 01 | 335 10 | 290 10 | 255 04 | 285 23 | 290 31 | 255 37 | 255 44 | — | ... |
| Cherat | ... | — | | ... | .. | ... | | | ... | ... | — |
| Cox's Bazar | 360 13 | 360 12 | 360 12 | 315 14 | 315 09 | 320 16 | 305 25 | 295 39 | 285 32 | .. | — |
| Dacca | 345 08 | 340 17 | 340 17 | 300 21 | 295 21 | 270 25 | 285 29 | 295 45 | 290 47 | 290 36 | 265 86 |
| Dalbandin | | ... | 070 08 | 060 15 | 010 05 | 365 08 | 320 07 | 310 07 | 330 11 | 330 11 | 290 14 |
| D. I. Khan | 311 10 | 310 15 | 330 15 | 330 10 | 320 06 | 335 04 | 335 09 | 340 13 | 320 17 | 315 24 | 330 34 |
| Drosh | ... | ... | ... | | | | | | | | |
| Fort Sandeman | ... | ... | ... | 270 01 | 275 04 | 240 13 | 310 11 | 315 17 | 320 29 | 315 83 | 340 40 |
| Gilgit | | ... | | | ... | ... | — | ... | — | .. | — |
| Ishurdi | 355 05 | 350 05 | 335 08 | 320 11 | 305 19 | ... | ... | | ... | — | ... |
| Jacobabad | 090 01 | 040 06 | 040 04 | 320 06 | 005 07 | 285 13 | 300 16 | 295 43 | 205 31 | ... | ... |
| Jessore | 030 06 | 300 08 | 300 12 | 315 20 | 305 24 | 290 27 | 295 27 | 300 49 | 290 50 | 280 54 | 280 85 |
| Jhelum | 320 02 | 330 09 | 335 11 | 340 07 | 020 06 | 030 06 | 090 06 | 010 08 | 275 39 | 295 22 | 295 30 |
| Jiwani | 055 10 | 077 10 | 070 16 | 060 11 | 310 05 | 295 16 | 270 27 | 260 46 | 265 59 | 269 47 | 260 70 |
| Karachi | 075 14 | 030 15 | 080 15 | 085 17 | 100 11 | 040 07 | 030 06 | 300 04 | 320 05 | — | — |
| Khanpur | 065 11 | 060 16 | 050 17 | 025 14 | 350 10 | 320 15 | 315 19 | 275 29 | 250 55 | 300 51 | 305 48 |
| Khuzdar | | | | | ... | | — | | ... | | ... |
| Lahore | 315 04 | 315 07 | 305 07 | 300 08 | 280 10 | 285 07 | 305 08 | 305 06 | 330 12 | 320 15 | 305 18 |
| Multan | 055 04 | 045 06 | 045 06 | 045 07 | 020 08 | 005 09 | 275 24 | 293 21 | 320 22 | 335 16 | ... |
| Nawab Shah | 070 04 | 085 03 | 020 04 | 360 05 | 150 15 | 255 20 | 275 12 | 260 10 | 270 12 | | ... |
| Nokkundi | .. | ... | 145 04 | 125 07 | 270 04 | 305 07 | 325 04 | 355 09 | 350 06 | 270 05 | — |
| Panjgur | . | | ... | ... | | | .. | ... | ... | | |
| Peshawar | .. | 090 04 | 320 04 | 335 09 | 360 07 | 020 04 | 330 07 | 325 11 | 330 20 | 340 35 | 285 64 |
| Parachinar | .. | ... | | 210 02 | 030 01 | 305 15 | 345 14 | 325 12 | 300 8 | 330 07 | .. |
| Quetta | ... | | .. | | 250 03 | 275 06 | 335 18 | 309 17 | 315 35 | 315 34 | .. |
| Sargodha | 350 04 | 351 01 | 305 10 | 360 08 | 005 10 | 350 08 | 330 15 | 315 19 | 312 10 | 315 10 | 325 47 |
| Skardu | | .. | ... | 310 02 | 030 06 | 325 10 | 100 03 | 250 04 | 300 06 | ... | ... |
| Sylhet | 095 06 | 140 05 | 170 04 | 180 05 | 165 01 | 285 31 | 285 55 | ... | | ... | ... |
| Veraval | | ... | — | ... | ... | — | ... | ... | — | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | § 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 030 10 | 040 09 | 050 09 | 050 13 | 280 10 | 265 12 | 260 29 | 265 36 | 265 34 | 265 31 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

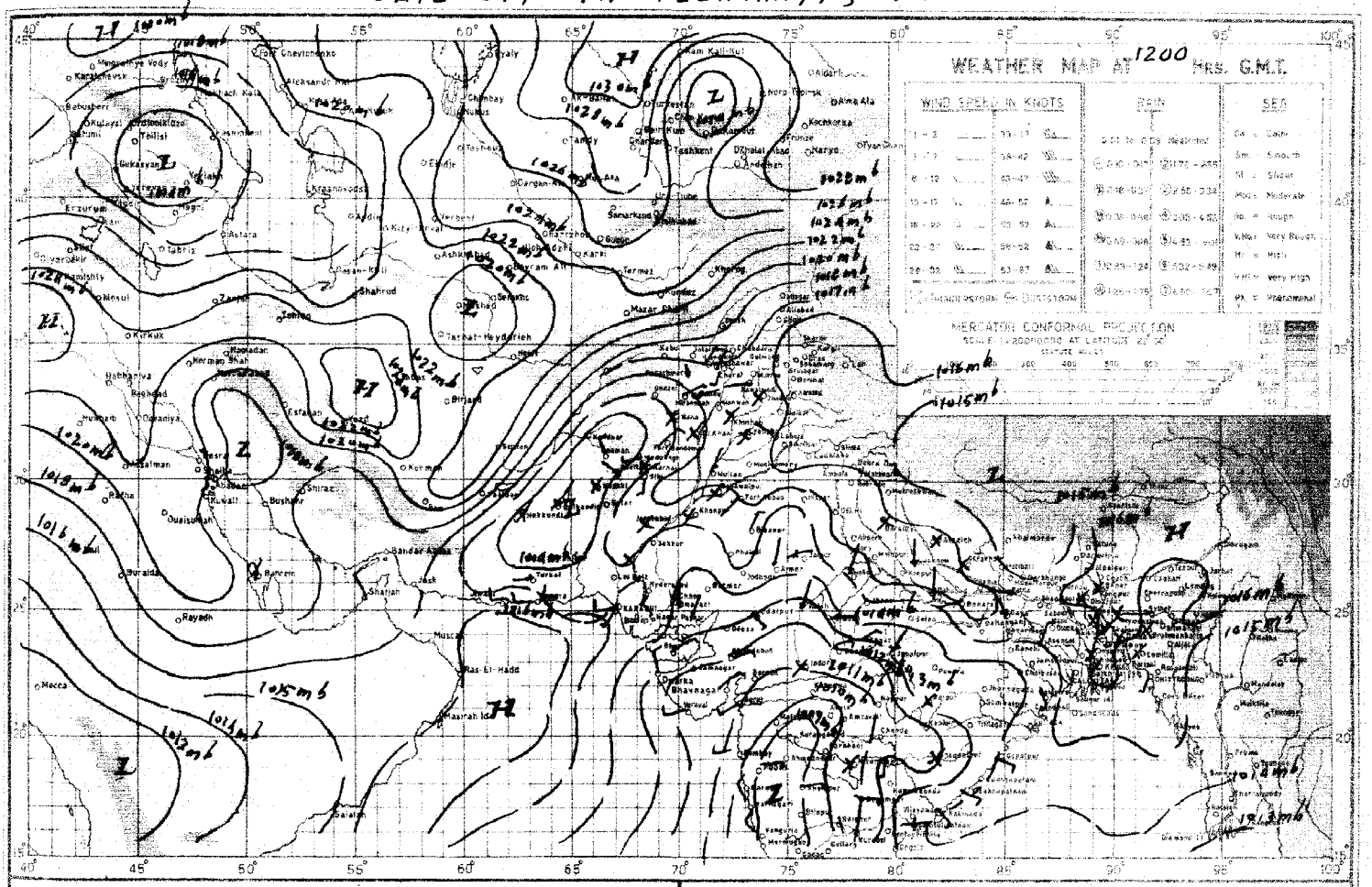
† The actual time of observations may vary within half an hour of the specified time.

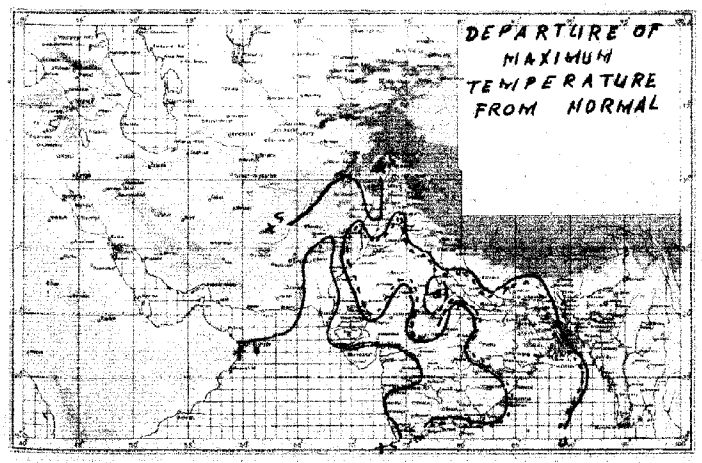
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

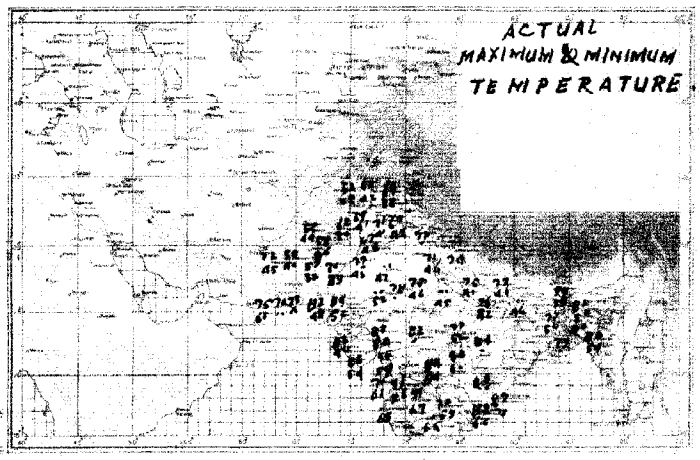
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Centre (Air Force) KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SATURDAY 7TH FEBRUARY, , 1970




REG. No. 1024 RWP/61-5000/65-5000/67

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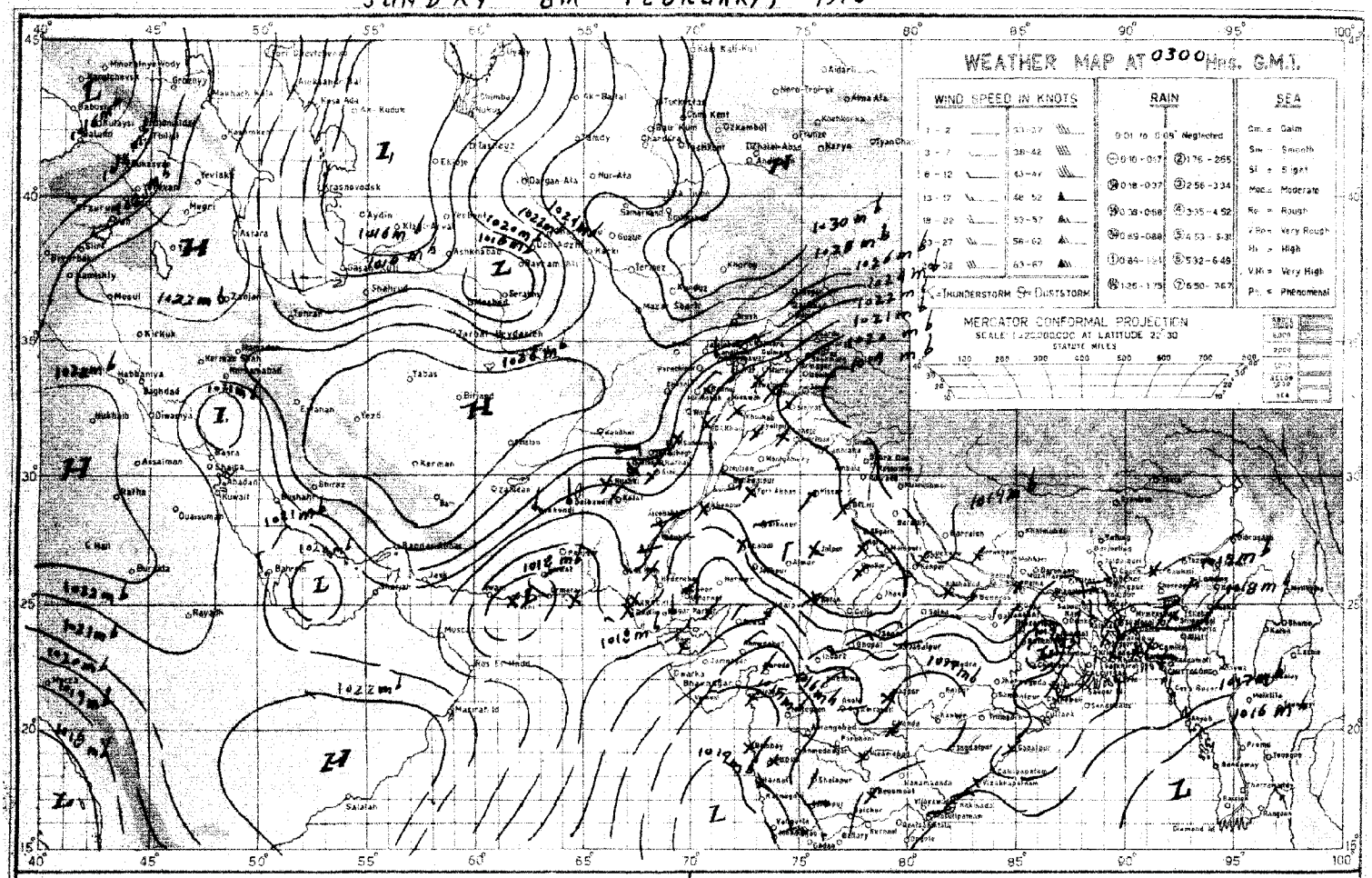
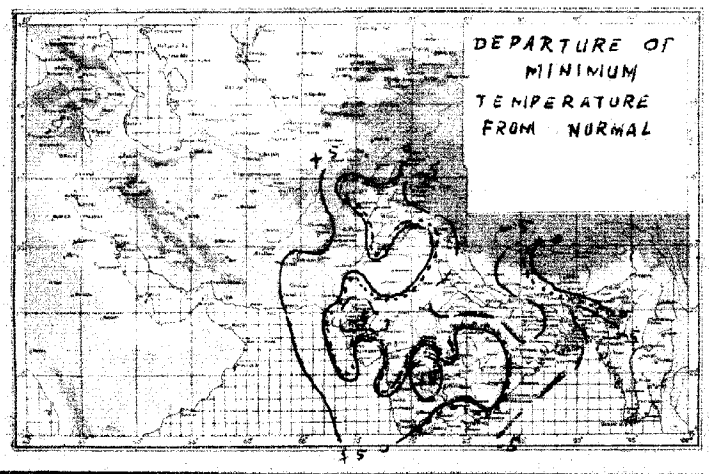
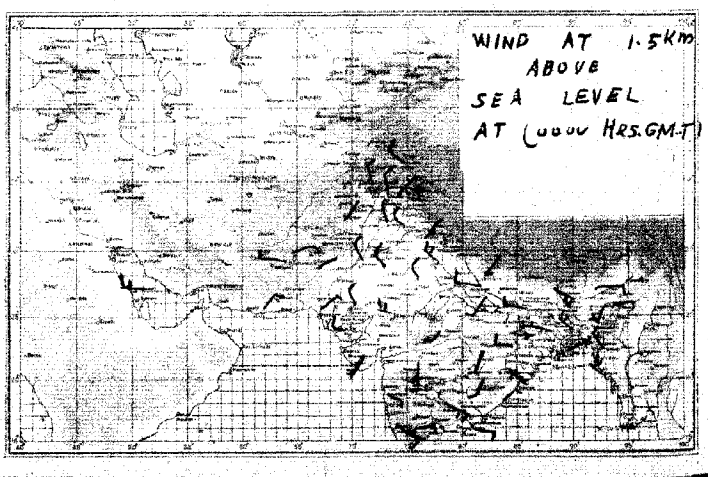
# PAKISTAN DAILY WEATHER MAP

SUNDAY 8TH FEBRUARY, 1970




REG. No 824 RWKD'67-3000'69-5,000'67.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 9th FEBRUARY 1970**

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

Dry continental air prevails over West Pakistan.

A westerly low pressure area lies over Orissa and neighbourhood.

Weather remained dry over the country.

Night temperatures were 3—6 °F (2—3 °C) below normal in Dacca, Khulna, Lahore, Sargodha, Multan, Bahawalpur, Kalat divisions and 7—9 °F (4—5 °C) so in Chittagong division and 3—6 °F (2—3 °C) above normal in Rajshahi, Quetta and Khairpur divisions.

**Forecast valid until the evening of 10th February 1970 :—** A few falls of rain/drizzle may occur in East Pakistan. Weather will be dry in West Pakistan.

Karachi-11
The 9th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division | Stations | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility † | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Clud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 0 | 0 | 31 | 02 | // | 00 | 4 | 147 | 76 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 09 | // | 02 | 0 | 146 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | 78 |
| | Chittagong | 000 | 0 | 0 | 31 | 10 | 96 | 02 | 0 | 148 | 74 | 0 | 0 | 9 | 0 | 0 | 53 | 78 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 146 | 74 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 172 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 153 | // | 0 | 0 | 9 | 0 | 0 | 59 | 81 |
| | Sylhet | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 148 | 70 | 0 | 0 | 9 | 0 | 0 | 47 | 79 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 136 | 63 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Dacca | Mymensingh | | | | | | | | | | | | | | | | | |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 156 | 72 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 156 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 130 | 74 | 0 | 0 | 9 | 0 | 0 | 44 | // |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 156 | 73 | 0 | 0 | 9 | 0 | 0 | 52 | 79 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 164 | 72 | 0 | 0 | 9 | 0 | 0 | 66 | 82 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 77 | 0 | 0 | 0 | 0 | 0 | 60 | 82 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 156 | 74 | 0 | 0 | 9 | 0 | 0 | 57 | 80 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 154 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 77 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 151 | 76 | 0 | 0 | 9 | 0 | 0 | 44 | 77 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rangpur | 000 | 0 | 0 | 18 | 02 | 96 | 01 | 0 | 116 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 182 | 71 | 0 | 0 | 9 | 0 | 0 | 33 | 75 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 174 | 77 | 0 | 0 | 9 | 0 | 0 | 26 | 74 |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | /// | 65 | 0 | 0 | 9 | 0 | 0 | 30 | 65 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 187 | 62 | 0 | 0 | 9 | 0 | 0 | 30 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 183 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| | Sargodha | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 181 | 74 | 0 | 0 | 9 | 0 | 0 | 28 | 76 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 183 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 72 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 188 | 74 | 0 | 0 | 9 | 0 | 0 | 33 | 76 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 175 | 74 | 0 | 0 | 9 | 0 | 0 | 29 | 77 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 178 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | 72 |
| | Fort Abbas | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 187 | 70 | 0 | 0 | 9 | 0 | 0 | 28 | 70 |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | 155 | 66 | 0 | 0 | 9 | 0 | 0 | 34 | 70 |
| Peshawar | Peshawar | 000 | 0 | 1 | 23 | 03 | 97 | 02 | 0 | 181 | 72 | 0 | 0 | 9 | 0 | 1 | 34 | 74 |
| | Haripur | 000 | 0 | 0 | 36 | 03 | 98 | 00 | 0 | 153 | 61 | 0 | 0 | 9 | 0 | 0 | 38 | 70 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 16 | 02 | 99 | 00 | 1 | 184 | 70 | 0 | 0 | 9 | 0 | 0 | 24 | 74 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 179 | 67 | 0 | 0 | 9 | 0 | 0 | 42 | // |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 170 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 81 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 140 | 71 | 0 | 0 | 9 | 0 | 0 | 38 | 72 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani | 000 | 0 | 0 | 13 | 09 | 96 | 02 | 0 | 155 | 78 | 0 | 0 | 9 | 0 | 0 | 46 | 81 |
| | Pasni | 000 | 0 | 0 | 11 | 04 | 97 | 02 | 0 | 166 | 74 | 0 | 0 | 0 | 0 | 0 | 68 | 78 |
| Karachi division | Ormara | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 160 | 76 | 0 | 0 | 9 | 0 | 0 | 57 | 78 |
| | Lasbela | 000 | 0 | 0 | 11 | 02 | 98 | 00 | 0 | 156 | 82 | 0 | 0 | 8 | 0 | 0 | 38 | 83 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 163 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 86 |
| | Karachi (Airport) | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 149 | 82 | 0 | 0 | 9 | 0 | 0 | 25 | 85 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 95 | 02 | 97 | 72 | 0 | 171 | 79 | 0 | 0 | 0 | 0 | 0 | 22 | 8[illegible] |
| | Chhor | 000 | 0 | 0 | 05 | 07 | 96 | 02 | 0 | 146 | 94 | 0 | 0 | 9 | 0 | 0 | 20 | 86 |
| | Hyderabad | 000 | 0 | 0 | 34 | 05 | 97 | 02 | 0 | 163 | 80 | 0 | 0 | 9 | 0 | 0 | 34 | 81 |
| | Badin | 000 | 0 | 0 | 36 | 06 | 97 | 02 | 0 | 140 | 83 | 0 | 0 | 9 | 0 | 0 | 28 | 85 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 167 | 78 | 0 | 0 | 9 | 0 | 0 | 30 | 79 |
| | Nawabshah | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 171 | 79 | 0 | 0 | 9 | 0 | 0 | 45 | 81 |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 167 | 75 | 0 | 0 | 9 | 0 | 0 | 44 | 80 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 169 | 78 | 0 | 0 | 9 | 0 | 0 | 45 | 79 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 0 | 05 | 10 | 99 | 02 | 0 | 589 | 49 | 0 | 0 | 0 | 0 | 0 | 34 | 53 |
| Peshawar | Cherat * | 000 | 0 | 0 | 36 | 10 | 98 | 00 | 0 | 547 | 52 | 0 | 0 | 9 | 0 | 0 | 37 | // |
| | Kakul * | 000 | 0 | 0 | 29 | 02 | 58 | 01 | 0 | 535 | 59 | 0 | 0 | 9 | 0 | 0 | 24 | 60 |
| | Landikotal * | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 430 | 59 | 0 | 0 | 9 | 0 | 0 | 37 | 40 |
| | Parachinar * | 000 | 0 | 0 | 16 | 03 | 99 | 02 | 0 | 543 | 51 | 0 | 0 | 9 | 0 | 0 | 37 | 58 |
| D.I. Khan | Miranshah * | 0 0 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 473 | 39 | 0 | 0 | 9 | 0 | 0 | 38 | 39 |
| | Wana * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 05 | 03 | 98 | 02 | 0 | 527 | 56 | 0 | 0 | 9 | 0 | 0 | // | 59 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 19 | 98 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 36 | 44 |
| | Loralai * | 000 | 0 | 0 | 18 | 04 | 98 | 00 | 0 | 485 | 45 | 0 | 0 | 9 | 0 | 0 | 34 | 48 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 513 | 68 | 0 | 0 | 9 | 0 | 0 | 46 | 70 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 527 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 55 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 525 | 57 | 0 | 0 | 9 | 0 | 0 | 35 | 54 |
| | Nushki * | 009 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 580 | 63 | 0 | 0 | 9 | 0 | 0 | 44 | 65 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 03 | 98 | 02 | 0 | 542 | 65 | 0 | 0 | 9 | 0 | 0 | 34 | 46 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 521 | 52 | 0 | 0 | 9 | 0 | 0 | 30 | 57 |
| | Khuzdar * | 000 | 0 | 0 | 00 | 00 | 91 | 02 | 0 | 513 | 67 | 0 | 0 | 9 | 0 | 0 | 27 | 69 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Division | Stations | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amounts of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Departure from Normal of: Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Rainfall: Departure from normal | Rainfall: Since 1st January, 1970 to-date | Rainfall: Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 0 | 27 | 02 | 97 | 48 | 4 | 197 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 171 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | — 3 | + 3 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 180 | 62 | 2 | 1 | 9 | 0 | 0 | 54 | 51 | — 4 | + 6 | 1.3 | — 1.9 | 0.1 | 108 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 180 | 73 | 0 | 0 | 9 | 0 | 0 | 49 | 54 | — 3 | — 7 | — | — | — | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 65 | 0 | 0 | 9 | 0 | 0 | 47 | 51 | — 5 | — 4 | 1.3 | — 0.9 | 0.8 | 94 |
| | Brahmanbaria | 000 | 0 | 4 | 05 | 04 | 97 | 03 | 1 | 187 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — | 2.1 | + 0.3 | 0.7 | 78 |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 183 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 41 | — | — 9 | — | — | — | 78 |
| Dacca | Mymensingh | | | | | | | | | | | | | | | | | | | | | | | 91 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 190 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 58 | + 2 | + 1 | 2.5 | + 0.7 | 1.1 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 4 | 00 | 00 | 96 | 05 | 0 | 197 | 64 | 4 | 0 | 9 | 4 | 0 | 49 | 51 | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 184 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — | — 3 | — | — | — | 71 |
| Khulna | Barisal | 000 | 0 | 1 | 36 | 02 | 97 | 03 | 0 | 184 | 68 | 1 | 0 | 9 | 2 | 0 | 58 | 54 | — | — 5 | — | — | — | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 0 | 183 | 69 | 0 | 0 | 5 | 0 | 0 | 59 | 60 | + 1 | + 2 | — | — | — | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | | | | | 48 |
| | Jessore | 000 | 0 | 3 | 00 | 00 | 95 | 10 | 4 | 182 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | 0 | — | 2.4 | + 0.7 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 183 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — | — | — | — | 59 |
| | Sirajganj | 000 | 0 | 2 | 00 | 90 | 98 | 00 | 0 | 188 | 64 | 0 | 0 | 9 | 0 | 0 | 62 | 54 | 0 | + 1 | — | — | — | 64 |
| | Rajshahi | 000 | 0 | 1 | 05 | 02 | 97 | 01 | 0 | 189 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 56 | — | + 3 | 4.1 | + 2.8 | 1.1 | — |
| | Bogra | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 186 | 62 | 1 | 5 | 5 | 7 | 0 | 51 | 51 | — | — 2 | 1.7 | + 0.3 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 08 | 00 | 96 | 00 | 0 | 189 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 51 | — | — | 1.6 | + 0.5 | 0.8 | 72 |
| | Rangpur | 000 | 0 | 1 | 09 | 02 | 96 | 01 | 0 | 172 | 62 | 1 | 0 | 9 | 1 | 0 | 58 | 54 | + 4 | + 3 | 2.1 | + 1.0 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 218 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | 0 | + 1 | 0.7 | — 1.1 | 0.7 | 19 |
| | Sialkot | 008 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | /// | 42 | 0 | 0 | 9 | 0 | 0 | 42 | 41 | — | — 3 | — | — | — | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 56 | 02 | 0 | 220 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | 080 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 48 | 0 | 0 | 9 | 0 | 0 | 32 | 43 | — | — | — | — | — | — |
| | Rawalpindi | 000 | 0 | 0 | 05 | 05 | 96 | 00 | 0 | 230 | 40 | 0 | 0 | 9 | 0 | 0 | 35 | 38 | + 8 | — 2 | 2.9 | — 1.9 | 2.7 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 09 | 0 | 206 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 40 | + 8 | — 4 | — | — | — | 15 |
| | Sargodha | 000 | 0 | 0 | 27 | 03 | 96 | 04 | 0 | 214 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 210 | 45 | 0 | 0 | 9 | 0 | 0 | 41 | 43 | + 4 | — 1 | 0.3 | — 0.5 | 0.3 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 0 | 00 | 00 | 97 | 04 | 6 | 227 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | + 6 | — 6 | 0.1 | — 0.7 | 0.1 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 223 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 41 | + 1 | — 4 | 0.7 | + 0.1 | 0.4 | 6 |
| | Bahawalpur | 000 | 8 | 2 | 00 | 00 | 96 | 00 | 0 | 209 | 58 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | — 2 | — | — | — | — | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 0 | 05 | 07 | 98 | 02 | 0 | 233 | 40 | 0 | 0 | 9 | 0 | 0 | 27 | 35 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 239 | 41 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | + 10 | — 7 | 1.6 | — 1.3 | 1.0 | 11 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 31 | 02 | 99 | 00 | 0 | 228 | 49 | 0 | 0 | 9 | 0 | 0 | 24 | 45 | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 225 | 49 | 0 | 0 | 9 | 0 | 0 | 24 | 43 | — | 0 | 1.1 | + 0.1 | 1.1 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 235 | 48 | 0 | 0 | 9 | 0 | 0 | 58 | 46 | — | — | 0.0 | — | 0.0 | 3 |
| | Nokkundi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 227 | 52 | 0 | 0 | 9 | 0 | 0 | 42 | 45 | — | — | 1.7 | — | 1.7 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 221 | 62 | 0 | 0 | 9 | 0 | 0 | 38 | 52 | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | 000 | 0 | 0 | 05 | 02 | 94 | 02 | 0 | 196 | 61 | 0 | 0 | 9 | 0 | 0 | 59 | 40 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 0 | 11 | 04 | 97 | 07 | 0 | 189 | 60 | 0 | 0 | 0 | 0 | 0 | 58 | // | + 2 | — | 2.5 | — 0.9 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 08 | 00 | 96 | 02 | 0 | 209 | 60 | 0 | 0 | 9 | 0 | 0 | 55 | // | — | — | 2.2 | — 0.8 | 2.2 | 4 |
| | Lasbela | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 186 | 45 | 0 | 0 | 8 | 0 | 0 | 40 | 42 | — | — | — | — | — | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 195 | 65 | 0 | 0 | 9 | 0 | 0 | 45 | 61 | + 11 | + 2 | 0.3 | — 0.5 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 201 | 64 | 0 | 0 | 9 | 0 | 0 | 37 | 52 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32 | ... | | | | | | — |
| | Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 9 | 199 | 57 | 0 | 0 | 9 | 0 | 9 | 35 | 49 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 214 | 58 | 0 | 0 | 9 | 0 | 0 | 39 | 57 | + 4 | + 5 | 0.1 | — 0.3 | 0.1 | 9 |
| | Badin | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 198 | 50 | 0 | 0 | 9 | 0 | 0 | | 45 | + 4 | — 8 | 0.1 | — 0.5 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 03 | 97 | 08 | 0 | 220 | 50 | 0 | 0 | 9 | 0 | 0 | 39 | 44 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 235 | 47 | 0 | 0 | 9 | 0 | 0 | 43 | 45 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 13 | 05 | 95 | 05 | 4 | 129 | 59 | 0 | 0 | 9 | 0 | 0 | 41 | 53 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | — | | | | | 9 |
| | Jacobabad | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 225 | 51 | 0 | 0 | 9 | 0 | 0 | 41 | 51 | — | + 4 | 0.1 | — 0.4 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 84 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 89 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | | | | | 29 |
| Peshawar | Cherat * | 000 | 0 | 0 | 36 | 09 | 98 | 00 | 0 | 554 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | + 9 | + 6 | 1.9 | — 3.3 | 1.3 | — |
| | Kakul * | 030 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 544 | 41 | 0 | 0 | 9 | 0 | 0 | 18 | 40 | — | — | 4.6 | — | 3.5 | — |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 608 | 40 | 0 | 0 | 9 | 0 | 0 | 32 | 29 | — | — | 0.9 | — | 0.1 | 29 |
| | Parachinar * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 564 | 38 | 0 | 0 | 9 | 0 | 0 | 12 | 32 | + 7 | + 2 | — | — | — | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 493 | 47 | 0 | 0 | 9 | 0 | 0 | 27 | 41 | — | — | 0.0 | — 2.1 | 0.0 | 11 |
| | Wana * | | | | | | | | | | | | | | | | | | — | | | | | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 547 | 38 | 0 | 0 | 9 | 0 | 0 | 16 | 33 | + 2 | + 2 | 0.4 | — 1.8 | 0.4 | — |
| | Hindubagh * | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 27 | 18 | — | — | 1.1 | — | 0.9 | 9 |
| | Loralai * | 000 | 0 | 0 | 09 | 04 | 98 | 00 | 0 | 485 | 29 | 0 | 0 | 9 | 0 | 0 | 32 | // | — | — | 0.3 | — | 0.3 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 520 | 45 | 0 | 0 | 9 | 0 | 0 | 36 | 45 | — | — | 0.7 | — 1.6 | 0.7 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 564 | 31 | 0 | 0 | 9 | 0 | 0 | 38 | 19 | — | — | — | — | — | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 539 | 57 | 0 | 0 | 9 | 0 | 0 | 39 | 42 | 8 | + 6 | 7.7 | + 3.5 | 7.7 | — |
| | Nushki * | 000 | 0 | 0 | 07 | 05 | 97 | 01 | 0 | 593 | 51 | 0 | 0 | 9 | 0 | 0 | 33 | 48 | — | — | 2.9 | — | 2.9 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 535 | 43 | 0 | 0 | 9 | 0 | 0 | 36 | 40 | + 1 | + 4 | 2.2 | + 0.1 | 2.2 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 352 | 35 | 0 | 0 | 9 | 0 | 0 | 30 | 25 | + 6 | — 5 | 0.9 | — 2.2 | 0.9 | — |
| | Khuzdar * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 543 | 44 | 0 | 0 | 9 | 0 | 0 | 25 | 43 | — | — | — | — | — | 8 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

When over 999 is given 888 see the summary above for the actual amount of rainfall

# PAKISTAN DAILY WEATHER REPORT

**MONDAY THE 9th FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_{iR}$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Vanessa ... ... | 99 2 30 | 18 6 04 | 08‥0 63 | 00 0 00 | 98 0 20 | 60 9 89 | 72 4 10 | | | | 0/ / 68 | 17 4 05 | 30 2 00 | |
| Someris ... ... | 99 2 63 | 10 5 67 | 08 1 24 | 03 3 10 | 97 7 20 | — | ... | | | | 05 4 19 | 12 4 00 | 30 3 02 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 188 61 | ... | 580 514 70 | 153 052 65 | 581 101 70 | 751 215 72 | 960 339 71 | 234 517 / / | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 046 190 59 | ... | 480 090 60 | 100 020 61 | 572 175 63 | 738 233 58 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 015 160 64 | ... | 590 070 59 | 085 011 / / | 569 165 / / | 736 265 / / | 936 401 | 203 521 / / | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 906 048 19 | .. | 550 060 / / | 095 025 / / | 567 195 / / | 732 241 / / | 938 335 / / | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 835 070 35 | ... | ... | 064 000 / / | 568 151 / / | 734 241 / / | 939 379 / / | 215 425 / / | 411 487 / / | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 997 094 60 | ... | 460 040 61 | 072 040 66 | 569 191 / / | 729 261 / / | 933 351 / / | 207 501 / / | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 184 70 | 800 135 71 | 608 035 60 | 350 341 72 | ... | — | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 903 116 59 | 830 074 53 | 600 073 62 | 350 299 61 | ... | ... | .. | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | ... | — | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | - | ... | - | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 800 050 / / | 600 069 / / | 350 275 / / | 250 644 07 | ... | ... | — | ... | ... | ... | — | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | — | ... | — | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 335 10 | 350 11 | 335 11 | 321 90 | 315 21 | 285 24 | ... | — | ... |
| Bogra ... | 300 09 | 300 12 | 330 12 | 310 13 | 295 23 | 290 36 | 275 54 | ... | ... |
| Chaklala ... | ... | 280 09 | 320 09 | 250 05 | 280 08 | 220 07 | 310 12 | 315 16 | 342 26 |
| Chhor ... | 040 08 | 035 11 | 035 12 | 050 08 | 345 08 | 290 23 | 280 40 | 275 52 | 275 71 |
| Chittagong ... | 310 13 | 345 12 | 340 12 | 305 07 | 315 06 | 295 24 | 255 33 | 280 26 | 275 33 |
| Cherat ... | ... | ... | ... | — | ... | ... | — | ... | .. |
| Cox's Bazar ... | 305 17 | 315 19 | 330 19 | 010 13 | 015 13 | 300 12 | ... | ... | ... |
| Dacca ... | 295 09 | 310 12 | 330 13 | 330 15 | 315 22 | 285 28 | 280 40 | 285 45 | 265 45 |
| Dalbandin ... | ... | ... | 050 10 | 055 13 | 065 09 | 335 11 | 230 07 | 270 06 | 010 05 |
| D. I. Khan ... | 045 03 | 345 04 | 350 04 | 335 06 | 340 05 | 335 06 | 320 12 | 325 13 | 330 17 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 320 04 | 345 07 | 025 05 | 310 07 | 300 15 | 305 20 |
| Gilgit ... | ... | ... | ... | 050 03 | 030 02 | 260 07 | 195 04 | 320 08 | 320 08 |
| Ishurdi ... | 340 04 | 330 07 | 300 12 | 300 20 | 290 25 | 270 35 | ... | ... | ... |
| Jacobabad ... | 075 04 | 095 04 | 090 04 | 040 03 | 295 09 | 310 07 | 300 12 | 290 12 | .. |
| Jessore ... | 350 11 | 345 04 | 315 06 | 305 11 | 300 19 | 305 25 | ... | | .. |
| Jhelum ... | 280 04 | 325 03 | 330 03 | 095 07 | 090 07 | 330 07 | 320 12 | 330 06 | 330 42 |
| Jiwani ... | 110 11 | 090 12 | 070 16 | 045 06 | 015 10 | 290 23 | 265 30 | 265 33 | 265 59 |
| Karachi ... | 060 16 | 065 07 | 060 07 | 015 03 | 290 10 | 270 17 | 265 09 | 270 10 | 270 12 |
| Khanpur ... | 040 07 | 030 10 | 030 10 | 025 15 | 030 12 | 245 06 | 340 19 | 335 27 | 330 33 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 300 15 | 310 13 | 310 10 | 325 09 | 325 07 | 320 10 | 335 12 | 335 08 | 315 08 |
| Multan ... | 050 07 | 045 08 | 030 12 | 010 08 | 330 08 | 310 17 | 305 25 | 315 32 | 315 38 |
| Nawab Shah ... | 005 07 | 060 07 | 065 06 | 020 05 | 295 09 | 285 25 | 275 38 | 270 39 | 270 61 |
| Nokkundi ... | ... | ... | 125 03 | 100 03 | 020 03 | 280 08 | 245 03 | 255 06 | 250 06 |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | .. | 235 02 | 330 08 | 340 08 | 340 05 | 340 06 | 315 09 | 330 32 | 320 26 |
| Parachinar ... | ... | ... | ... | 020 01 | 150 09 | 320 13 | 350 07 | 310 33 | 320 21 |
| Quetta ... | ... | ... | ... | ... | 295 07 | 350 06 | 285 12 | 330 13 | 320 16 |
| Sargodha ... | 290 05 | 310 07 | 315 08 | 345 10 | 360 10 | 345 08 | 335 15 | 325 15 | 315 16 |
| Skardu ... | ... | ... | ... | ... | ... | — | — | ... | ... |
| Sylhet ... | 275 11 | 280 09 | 280 05 | 265 10 | 285 72 | 275 34 | .. | — | ... |
| Veraval ... | ... | ... | .. | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 360 08 | 335 39 | 330 10 | 315 19 | 315 03 | 280 66 |
| Bogra | 335 07 | 325 07 | 290 10 | ... | ... | ... |
| Chaklala | ... | 345 01 | 050 03 | 055 04 | 090 93 | 060 06 |
| Chhor | 060 32 | 070 33 | 065 27 | 065 22 | 345 13 | 300 22 |
| Chittagong | — | — | ... | ... | ... | — |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 015 13 | 015 19 | 360 19 | 302 51 | 300 14 | 290 11 |
| Dacca | 350 08 | 290 09 | 295 12 | | | ... |
| Dalbandin | ... | ... | 075 05 | 090 14 | 085 19 | 015 11 |
| D. I. Khan | 325 05 | 330 06 | 335 06 | 310 09 | 280 10 | 275 15 |
| Drosh | — | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | — | 080 03 | 355 05 | 285 16 |
| Gilgit | No | Ascent | — | ... | ... | ... |
| Ishurdi | 270 01 | 285 04 | ... | ... | ... | ... |
| Jacobabad | 090 04 | 105 05 | 065 03 | 290 03 | 295 03 | ... |
| Jessore | 050 03 | 360 02 | 245 05 | 285 15 | 220 52 | 305 33 |
| Jhelum | 315 09 | 320 11 | 350 10 | 345 06 | 048 06 | 021 08 |
| Jiwani | 100 07 | 110 03 | 095 07 | 135 03 | 180 04 | 265 01 |
| Karachi | | | | | | |
| Khanpur | 070 08 | 070 09 | 060 10 | 015 05 | 300 03 | 201 23 |
| Khuzdar | — | — | ... | 132 03 | 215 07 | 275 09 |
| Lahore | 300 10 | 305 10 | 310 10 | 325 07 | 015 04 | 355 08 |
| Multan | 315 04 | 325 06 | 340 05 | 350 13 | 330 17 | 305 12 |
| Nawab Shah | 060 17 | 065 11 | 030 10 | 330 09 | 295 12 | 255 12 |
| Nokkundi | ... | — | 070 08 | 165 04 | 200 05 | 235 04 |
| Panjgur | .. | | ... | ... | ... | ... |
| Peshawar | ... | 175 05 | 225 07 | 240 08 | 240 08 | 290 08 |
| Parachinar | ... | — | ... | 225 03 | 140 01 | ... |
| Quetta | ... | — | | ... | ... | ... |
| Sargodha | 295 12 | 300 10 | 325 08 | 015 09 | 010 07 | 025 08 |
| Skardu | ... | ... | ... | 265 05 | 300 12 | 325 07 |
| Sylhet | 090 05 | 115 01 | 285 02 | 261 13 | 275 14 | 280 31 |
| Veraval | .. | ... | .. | — | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | .. | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 285 03 | 270 03 | 277 13 | 275 23 | 275 27 | 280 37 | 265 52 | ... | ... | ... | ... |
| Chaklala | ... | | — | ... | ... | ... | .. | ... | ... | — | ... |
| Chhor | 075 10 | 055 10 | 050 17 | 030 14 | 015 09 | 290 11 | 280 23 | 270 31 | 275 26 | 285 14 | 300 16 |
| Chittagong | 350 10 | 315 14 | 325 19 | 310 28 | 305 43 | 285 41 | 270 49 | 265 51 | 260 51 | — | ... |
| Cherat | ... | — | ... | ... | ... | ... | — | ... | ... | ... | — |
| Cox's Bazar | 350 07 | 355 16 | 360 19 | 350 24 | 340 35 | 340 36 | 215 08 | 260 11 | ... | ... | — |
| Dacca | 320 02 | 320 03 | 295 07 | 270 19 | 275 27 | 280 37 | 285 29 | | ... | ... | — |
| Dalbandin | | ... | 080 05 | 005 15 | 310 05 | 300 14 | 380 01 | 080 08 | 035 12 | 010 11 | 300 29 |
| D. I. Khan | 325 14 | 325 15 | 315 13 | 290 06 | 325 04 | 360 03 | 310 02 | 325 12 | 310 18 | 310 22 | 280 22 |
| Drosh | ... | ... | ... | ... | ... | ... | — | — | ... | — | — |
| Fort Sandeman | ... | ... | ... | 245 01 | 285 03 | 325 10 | 300 19 | 920 20 | 330 21 | 320 23 | 285 25 |
| Gilgit | | | | ... | ... | ... | ... | ... | ... | — | ... |
| Ishurdi | 010 02 | 225 03 | 260 07 | 240 12 | 255 12 | ... | ... | | | | ... |
| Jacobabad | 050 05 | 055 03 | 020 01 | 285 04 | 270 05 | 265 04 | 010 05 | 355 03 | 295 05 | 285 07 | ... |
| Jessore | 235 03 | 270 13 | 285 03 | 280 12 | 335 19 | | | | | | ... |
| Jhelum | 310 09 | 335 12 | 340 10 | 345 18 | 330 15 | 310 11 | 300 12 | 295 15 | 290 27 | — | ... |
| Jiwani | | | | | | | | | | — | ... |
| Karachi | 060 12 | 060 22 | 060 23 | 040 10 | 060 04 | 270 05 | 350 10 | 260 30 | 270 45 | — | ... |
| Khanpur | 135 02 | 130 10 | 130 08 | 130 04 | 155 07 | 255 20 | 315 27 | 285 33 | 320 31 | 330 22 | 345 42 |
| Khuzdar | ... | | | 330 01 | 355 13 | 265 11 | 055 04 | 035 04 | 010 08 | 280 34 | 280 86 |
| Lahore | 345 03 | 330 07 | 330 10 | 330 10 | 325 09 | 345 07 | 035 08 | 065 09 | 095 09 | 360 10 | 342 21 |
| Multan | | | | | | | | | | | ... |
| Nawab Shah | 095 06 | 065 07 | 030 10 | 025 04 | 305 09 | 240 37 | 280 15 | 175 31 | 285 40 | 280 60 | ... |
| Nokkundi | — | ... | 100 03 | 165 04 | 230 07 | 275 04 | 040 10 | 030 09 | ... | ... | ... |
| Panjgur | .. | | | 020 03 | 060 02 | 295 06 | 175 05 | 300 06 | 325 07 | 295 27 | ... |
| Peshawar | ... | 100 04 | 350 02 | 310 02 | 270 10 | 323 02 | 285 24 | 311 17 | 270 28 | 280 28 | 275 42 |
| Parachinar | ... | ... | | 236 03 | 205 20 | 305 24 | 345 17 | 275 28 | 290 26 | 270 39 | 270 62 |
| Quetta | ... | | | | 280 03 | 295 05 | 310 07 | 290 07 | 290 08 | 290 11 | 275 49 |
| Sargodha | 325 02 | 335 05 | 005 10 | 330 07 | 065 06 | 330 07 | 380 13 | 315 17 | 3 0 10 | 290 23 | 295 26 |
| Skardu | | | | 050 03 | 045 03 | 050 06 | 050 06 | 246 17 | 085 19 | .. | ... |
| Sylhet | 120 03 | 225 05 | 260 09 | 155 15 | 285 17 | 180 23 | ... | ... | — | ... | ... |
| Veraval | .. | ... | ... | ... | ... | — | ... | ... | — | ... | .. |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | ·.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 060 12 | 060 22 | 060 23 | 040 10 | 060 06 | 270 05 | 250 9 | 260 30 | 270 45 | ... | — | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

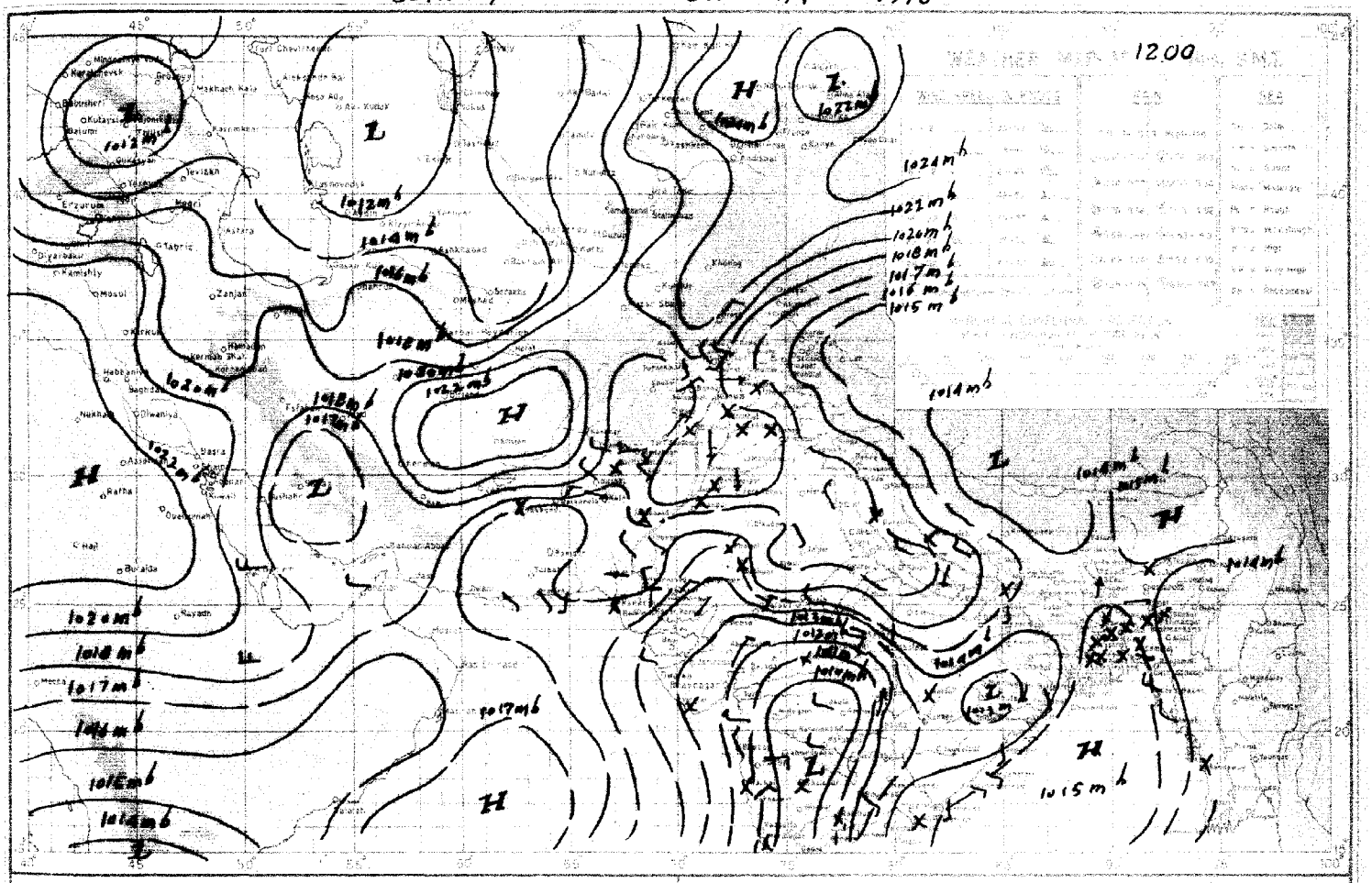
† The actual time of observations may vary within half an hour of the specified time.

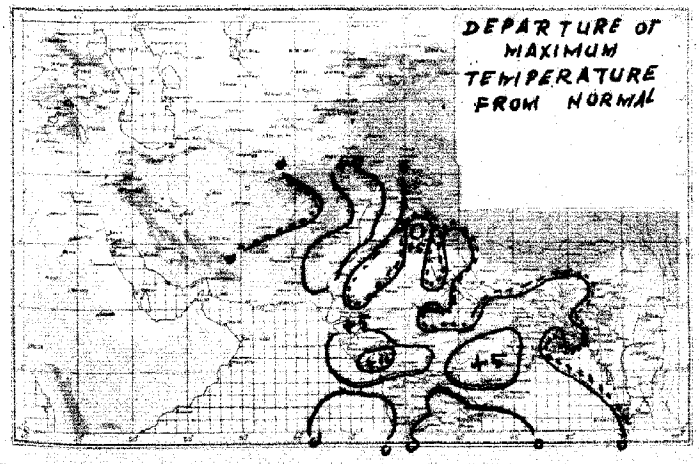
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

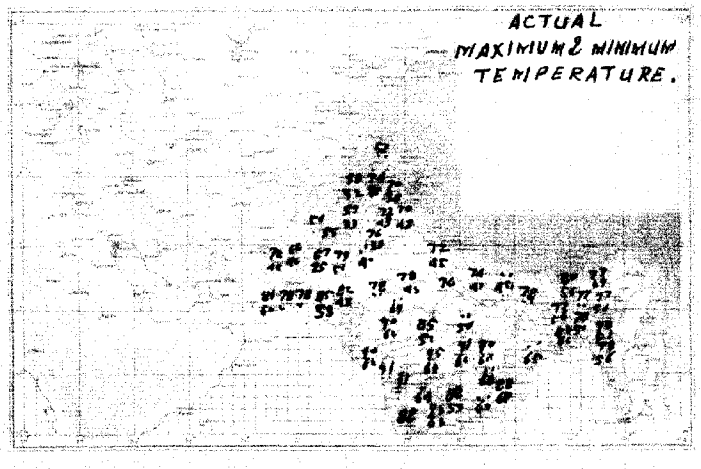
The accuracy of individual entries in this report cannot ... be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SUNDAY 8TH FEBRUARY, 1970

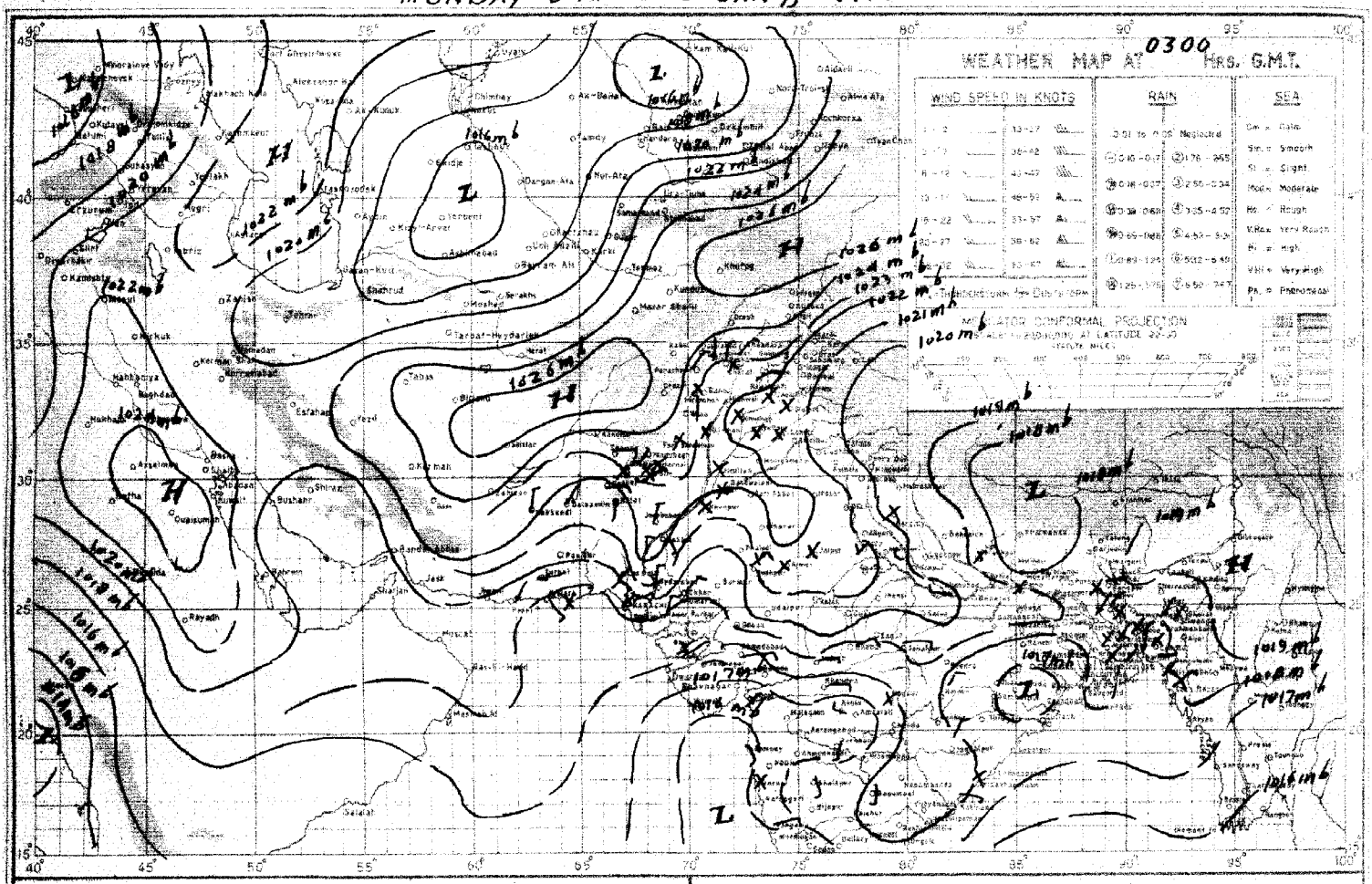


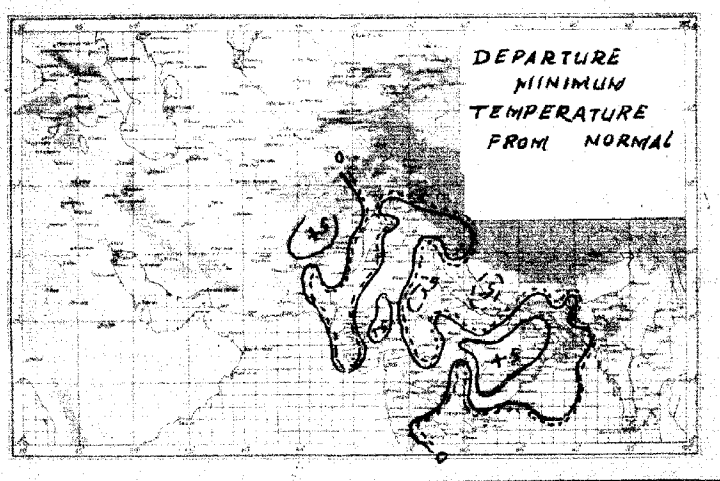



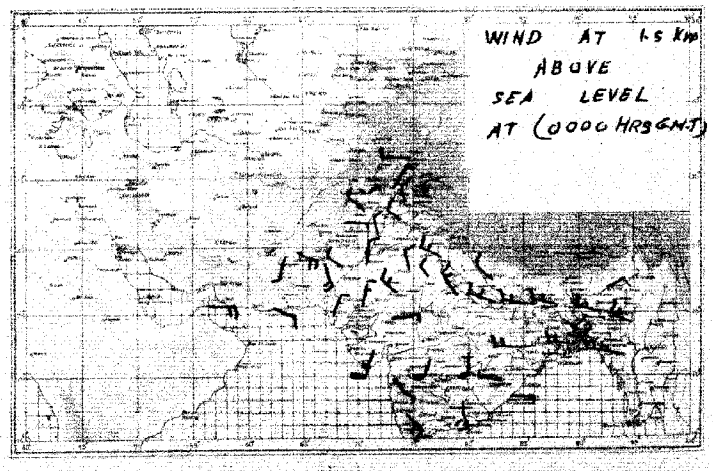



# PAKISTAN DAILY WEATHER MAP

MONDAY 9TH FEBRUARY, 1970

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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 10th FEBRUARY 1970.**
**Summary of observations recorded at 0300 Hrs. G.M.T.**

Dry continental air prevails over West-Pakistan. Westerly low pressure area persists over Orissa.
A few falls of rain/drizzle occured in Chittagong division. Otherwise weather was mainly dry over the country.
Night temperatures were 3—8 °F (2—4 °C) above normal in Khairpur, Quetta, Peshawar and Khulna divisions and 3—4 °F (2—3 °C) below normal in Bahawalpur, Multan, Sargodha and Chittagong divisions.
**Forecast valid until the evening of 11th February 1970 :—** A few falls of rain/drizzle may occur in East Pakistan. Otherwise weather is likely to be mainly dry over West Pakistan.

Karachi-11
The 10th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| DIVISIONS (1) | STATIONS (2) | | As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)* PPP (11) | Dry Bulb temperature* TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form †† CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths)* PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 2 | 31 | 02 | // | 01 | 4 | 149 | 77 | 2 | 1 | 7 | 0 | 0 | 51 | 85 | 000 | 5 | 0 | 36 | 02 | 97 | 00 | 4 | 190 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 60 | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | — | 000 | 0 | 8 | 31 | C8 | // | 02 | 0 | 145 | 76 | 0 | 0 | 9 | 0 | 0 | 65 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | | | | 140 |
| | Chittagong | — | 000 | 0 | 5 | 31 | 02 | 96 | 03 | 1 | 147 | 76 | 5 | 0 | 9 | 3 | 0 | 60 | 85 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 181 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 60 | + 4 | + 3 | 1.4 | — 1.9 | 0.1 | 106 |
| | Maijdee Court | — | 000 | 0 | 1 | 00 | 00 | // | 03 | 2 | 162 | 77 | 0 | 0 | 9 | 0 | 1 | 58 | // | 000 | 2 | 0 | 00 | 00 | 96 | 00 | 0 | 183 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 52 | / | — 9 | — | — | — | 115 |
| | Comilla | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 148 | 74 | 0 | 0 | 9 | 0 | 0 | // | 80 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 69 | 0 | 0 | 9 | 0 | 0 | 64 | 54 | 0 | — 1 | 1.3 | — 0.9 | 0.8 | 94 |
| | Brahmanbaria | — | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 146 | 76 | 6 | 8 | 9 | 4 | 0 | 65 | 78 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 78 |
| | Sylhet | — | 000 | 0 | / | 00 | 00 | // | 01 | 0 | 142 | 72 | 1 | 8 | 9 | 3 | 0 | 51 | 78 | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 186 | 64 | 0 | 0 | 9 | 0 | 0 | 41 | 52 | — | — | — | — | — | — |
| | Srimangal | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 129 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 80 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 181 | 66 | 0 | 0 | 9 | 0 | 0 | 54 | 46 | — 2 | — 4 | — | — | — | 98 |
| Dacca | Mymensingh | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 |
| | Narayanganj | — | 000 | 0 | 8 | 00 | 00 | // | 02 | 8 | 148 | 76 | 8 | 6 | 4 | J | / | 62 | 80 | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 188 | 71 | 0 | 0 | 9 | 0 | 0 | 44 | 39 | 0 | + 2 | 2.5 | + 0.7 | 1.1 | 74 |
| | Dacca (Tejgaon) | — | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 141 | 74 | 0 | 0 | 9 | 0 | 0 | 65 | 85 | 000 | 0 | 0 | 05 | 02 | 95 | 10 | 4 | 158 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | — | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 1 | 129 | 76 | 4 | 5 | 6 | 0 | 0 | 51 | 78 | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 171 | 50 | 0 | 0 | 9 | 0 | 0 | 54 | 50 | 0 | — 4 | — | — | — | 71 |
| Khulna | Barisal | — | 000 | 0 | 2 | 00 | 00 | 94 | 41 | 2 | 144 | 74 | 1 | 5 | 5 | 7 | 0 | 62 | 80 | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 4 | 187 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 58 | 0 | — 1 | — | — | — | 81 |
| | Khulna | — | 000 | 0 | 0 | 00 | 00 | 97 | 0. | 0 | 147 | 75 | 0 | 0 | 9 | 0 | 0 | 64 | 84 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 191 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 62 | + 3 | + 4 | — | — | — | 48 |
| | Satkhira | — | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 139 | 78 | 2 | 6 | 9 | 0 | 0 | 78 | 82 | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 181 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — 1 | + 3 | — | — | — | 46 |
| | Jessore | — | 000 | 0 | 4 | 05 | 03 | 96 | 02 | 2 | 142 | 76 | 4 | 0 | 9 | 3 | 0 | 59 | 80 | 000 | 0 | 0 | 03 | 05 | 96 | 05 | 0 | 188 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | 0 | — | 2.4 | + 0.7 | 1.3 | 65 |
| Rajshahi | Pabna | — | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 142 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 78 | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 193 | 68 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | — | — | — | — | — | 59 |
| | Sirajganj | — | 000 | 0 | 2 | 23 | 01 | // | 01 | 0 | 139 | 76 | 2 | 0 | 9 | 4 | 0 | 52 | 77 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 197 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | 0 | + 1 | — | — | — | 44 |
| | Rajshahi | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 145 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 80 | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 200 | 66 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | + 3 | — 1 | 4.1 | + 2.8 | 4.2 | — |
| | Bogra | — | 000 | 0 | 8 | 23 | 02 | // | 02 | 0 | 144 | 72 | 0 | 0 | 9 | 0 | 0 | 52 | 80 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 191 | 64 | 0 | 0 | 9 | 0 | 0 | 50 | 52 | + 2 | — 1 | 1.7 | + 0.3 | 0.5 | 90 |
| | Dinajpur | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 147 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 78 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 73 |
| | Rangpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 118 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 80 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | | | | 84 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ... |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 171 | 72 | 0 | 0 | 9 | 0 | 0 | 38 | 74 | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 195 | 42 | 0 | 0 | 9 | 0 | 0 | 38 | 42 | + 4 | 0 | 0.8 | — 1.2 | 0.8 | 19 |
| | Sialkot | — | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 8 | 125 | 59 | 0 | 0 | 9 | 0 | 0 | 33 | 75 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 8 | | | | | 33 |
| Rawalpindi | Jhelum | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 160 | 74 | 0 | 0 | 9 | 0 | 0 | 34 | 76 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 189 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 41 | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | — | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | /// | 66 | 0 | 0 | 9 | 0 | 0 | 20 | 66 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 49 | 0 | 0 | 9 | 0 | 0 | 28 | 49 | — | — | — | — | — | |
| | Rawalpindi | — | 000 | 0 | 0 | 27 | 03 | 99 | 00 | 0 | 169 | 66 | 0 | 0 | 9 | 0 | 0 | 27 | 70 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 197 | 41 | 0 | 0 | 9 | 0 | 0 | 35 | 38 | + 8 | — 2 | 2.9 | — 2.0 | 2.7 | 36 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 169 | 78 | 0 | 0 | 9 | C | 0 | 49 | 78 | 000 | 0 | 0 | 00 | // | 98 | C0 | 0 | 204 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | + 10 | — 4 | — | — | — | 15 |
| | Sargodha | — | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 168 | 76 | 0 | 0 | 9 | 0 | 0 | 53 | 78 | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 189 | 41 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | — | 000 | 0 | 0 | 29 | 02 | 96 | 00 | 0 | 164 | 72 | 0 | 0 | 9 | 0 | 0 | 32 | 77 | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 184 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 42 | + 9 | 0 | 0.4 | — 0.5 | 0.4 | 12 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | — | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 174 | 76 | 0 | 0 | 9 | 0 | 0 | 56 | 78 | 000 | 0 | 0 | 00 | 00 | 95 | 01 | 0 | 199 | 43 | 0 | 0 | 9 | 0 | 0 | 38 | 41 | + 8 | — 3 | 0.1 | — 0.7 | 0.1 | 7 |
| | Leiah | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 174 | 69 | 0 | 0 | 9 | 0 | 0 | 35 | 70 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 175 | 76 | 0 | 0 | 9 | 0 | 0 | 56 | 80 | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 189 | 54 | 0 | 0 | 9 | 0 | 0 | 39 | 43 | + 4 | — 2 | 0.7 | + 0.1 | 0.4 | 6 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 185 | 74 | 0 | 0 | 9 | 0 | 0 | 44 | 76 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 194 | 56 | 0 | 0 | 9 | 0 | 0 | 35 | 42 | + 2 | — 3 | — | — | — | 8 |
| | Fort Abbas | — | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 185 | 76 | 0 | 0 | 9 | 0 | 0 | 62 | 76 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 56 | 0 | 0 | 9 | 0 | 0 | 45 | // | — | — | — | — | — | 8 |
| Malakand | Chakdra | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 204 | 38 | 0 | 0 | 9 | 0 | 0 | 32 | 38 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | — | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 168 | 72 | 0 | 0 | 9 | 0 | 0 | 39 | 72 | 000 | 0 | 0 | 18 | 02 | 98 | 02 | 0 | 200 | 45 | 0 | 0 | 9 | 0 | 0 | 30 | 42 | + 8 | 0 | 1.6 | — 1.4 | 1.0 | 11 |
| | Haripur | — | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 166 | 68 | 0 | 0 | 9 | 0 | 0 | 33 | 73 | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 192 | 49 | 0 | 0 | 9 | 0 | 0 | 33 | 41 | — | — | — | — | — | — |
| D. I. Khan | Bannu | — | 000 | 0 | 0 | 09 | 02 | 99 | 00 | 0 | 176 | 72 | 0 | 0 | 9 | 0 | 0 | 30 | 74 | 000 | 0 | 0 | 31 | 02 | 99 | 02 | 0 | 194 | 49 | 0 | 0 | 9 | 0 | 0 | 28 | 45 | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 174 | 72 | 0 | 0 | 9 | 0 | 0 | 35 | 58 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 195 | 46 | 0 | 0 | 9 | 0 | 0 | 26 | 41 | — 11 | — 2 | 1.1 | — | 1.1 | 9 |
| Quetta | Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 194 | 80 | 0 | 0 | 9 | 0 | 0 | 59 | 81 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 210 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | 44 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 163 | 72 | 0 | 0 | 9 | 0 | 0 | 44 | 73 | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 208 | 53 | 0 | 0 | 9 | 0 | 0 | 53 | 50 | — | — | 1.7 | — | 1.7 | 2 |
| Kalat | Turbat | — | 000 | 0 | 0 | 37 | 02 | 98 | 00 | 0 | 198 | 84 | 0 | 0 | 9 | 0 | 0 | // | 84 | 000 | 0 | 0 | 09 | 02 | 98 | 10 | 0 | 219 | 39 | 0 | 0 | 9 | 0 | 0 | 40 | 50 | — | — | 0.4 | — | 0.3 | — |
| | Jiwani | — | 000 | 0 | 2 | 13 | 09 | 96 | 02 | 0 | 175 | 79 | 2 | 5 | 6 | 8 | 0 | 60 | 79 | 000 | 0 | 0 | 06 | 02 | 96 | 02 | 0 | 191 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 60 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | — | 000 | 0 | 0 | 11 | 02 | 97 | 02 | 0 | 178 | 79 | 0 | 0 | 0 | 0 | 0 | 53 | 79 | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 173 | 59 | 0 | 0 | 0 | 0 | 0 | 51 | // | + 3 | — | 2.5 | — 0.9 | 2.5 | 8 |
| Karachi division | Ormara | — | 000 | 0 | 0 | 20 | 03 | 96 | 02 | 0 | 182 | 80 | 0 | 0 | 9 | 0 | 0 | 44 | 8· | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 191 | 64 | 0 | 0 | 9 | 0 | 0 | 44 | // | — | — | 2.3 | — 0.9 | 2.3 | 6 |
| | Lasbela | — | 000 | 0 | 3 | 00 | 09 | 58 | 00 | 0 | 144 | 78 | 0 | 0 | 9 | 0 | 0 | 37 | 80 | 000 | 0 | 3 | 00 | 00 | 58 | 00 | 0 | 184 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 43 | — | — | — | — | — | 8 |
| | Karachi (Manora) | — | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 162 | 81 | 0 | 0 | 9 | 0 | 0 | 43 | 85 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 157 | 68 | 0 | 0 | 9 | 0 | 0 | 43 | 61 | + 10 | + 2 | 0.3 | — 0.6 | 0.4 | 8 |
| | Karachi (Airport) | — | 000 | 0 | 0 | 07 | 05 | 96 | 02 | 0 | 160 | 83 | 0 | 0 | 9 | 0 | 0 | 28 | 84 | 000 | 0 | 0 | 05 | 02 | 94 | 02 | 0 | 188 | 57 | 0 | 0 | 9 | 0 | 0 | 30 | 54 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 171 | 79 | 0 | 0 | 0 | 0 | 0 | 21 | 81 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 204 | 61 | 0 | 0 | 0 | 0 | 0 | 61 | 61 | — | — | 0.0 | — | — | — |
| | Chhor | — | 000 | 0 | 0 | 05 | 09 | 96 | 02 | 0 | 159 | 77 | 0 | 0 | 9 | 0 | 0 | 20 | 87 | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 186 | 53 | 0 | 0 | 9 | 0 | 0 | 23 | 47 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | — | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 173 | 81 | 0 | 0 | 9 | 0 | 0 | 38 | 83 | 000 | 0 | 0 | 35 | 02 | 97 | 03 | 0 | 194 | 62 | 0 | 0 | 9 | 0 | 0 | 19 | 58 | — | + 6 | 0.2 | — 0.3 | 0.2 | 9 |
| | Badin | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 36 | 01 | 97 | 02 | 0 | 186 | 51 | 0 | 0 | 9 | 0 | 0 | 40 | 47 | + 5 | — 4 | 0.1 | — 0.5 | 0.1 | — |
| Khairpur | Padidan | — | 000 | 0 | 0 | 31 | 13 | 97 | 02 | 0 | 177 | 78 | 0 | 0 | 9 | 0 | 0 | 36 | 80 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 194 | 46 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 181 | 79 | 0 | 0 | 9 | 0 | 0 | 59 | 81 | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 201 | 49 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | — | 000 | 6 | 0 | 05 | 02 | 96 | 02 | 0 | 174 | 78 | 0 | 0 | 9 | 0 | 0 | 43 | 81 | 000 | 2 | 0 | 13 | 02 | 93 | 05 | 4 | 189 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 180 | 78 | 0 | 0 | 9 | 0 | 0 | 45 | 80 | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 172 | 54 | 0 | 0 | 9 | 0 | 0 | 42 | 51 | + 7 | + 4 | 0.2 | — 0.4 | 0.1 | 20 |
| Mardan | Varsak | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 88 |
| | Dras | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh | * ... | 000 | 0 | 0 | 05 | 12 | 99 | 02 | 0 | 552 | 52 | 0 | 0 | 9 | 0 | 0 | 38 | 55 | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 567 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | + 7 | + 7 | — | — | — | 39 |
| Peshawar | Cherat | * ... | 000 | 0 | 0 | 36 | 03 | 98 | 02 | 0 | 531 | 50 | 0 | 0 | 9 | 0 | 0 | 37 | 60 | 000 | 0 | 0 | 09 | 09 | 98 | 02 | 0 | 520 | 52 | 0 | 0 | 9 | 0 | 0 | 41 | 46 | + 11 | + 7 | 2.0 | — 3.5 | 1.4 | — |
| | Kakul | * ... | 000 | 0 | 0 | 20 | 02 | 98 | 02 | 0 | 578 | 60 | 0 | 0 | 9 | 0 | 0 | 44 | 67 | 000 | 0 | 0 | 05 | 02 | 99 | 02 | 0 | 520 | 43 | 0 | 0 | 9 | 0 | 0 | // | 40 | — | — | 4.6 | — | 3.6 | — |
| | Landikotal | * ... | 000 | 0 | 0 | 05 | 05 | 99 | 02 | 0 | 632 | 50 | 0 | 0 | 9 | 0 | 0 | 37 | 56 | 000 | 0 | 0 | 36 | 07 | 98 | 02 | 0 | 608 | 40 | 0 | 0 | 9 | 0 | 0 | 28 | 28 | — | — | 0.9 | — | 0.2 | 39 |
| | Parachinar | * ... | 000 | 0 | 0 | 13 | 05 | 99 | 02 | 0 | 536 | 52 | 0 | 0 | 9 | 0 | 0 | 20 | 58 | 000 | 0 | 0 | 02 | 02 | 98 | 03 | 0 | 549 | 35 | 0 | 0 | 9 | 0 | 0 | // | 32 | + 7 | + 2 | — | — | — | 18 |
| D.I. Khan | Miranshah | * — | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 497 | // | 0 | 0 | 9 | 0 | 0 | 32 | // | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 494 | 36 | 0 | 0 | 9 | 0 | 0 | 35 | 32 | — | — | 0.0 | — 2.1 | 0.0 | 11 |
| | Wana | * ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 479 | 52 | 0 | 0 | 9 | 0 | 0 | 41 | 35 | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 529 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 29 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 574 | 63 | 0 | 0 | 9 | 0 | 0 | 13 | 65 | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 527 | 37 | 0 | 0 | 9 | 0 | 0 | 14 | 34 | + 8 | + 3 | 0.4 | — 1.3 | 0.4 | — |
| | Hindubagh | * ... | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 26 | 36 | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | /// | 33 | 0 | 0 | 9 | 0 | 0 | 24 | 18 | — | — | — | — | — | 9 |
| | Loralai | * ... | 000 | 0 | 0 | 27 | 06 | 97 | 00 | 0 | 495 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 50 | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 485 | 29 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | 0.3 | — | 0.3 | — |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | * ... | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 574 | 48 | 0 | 0 | 9 | 0 | 0 | 46 | 70 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 492 | 46 | 0 | 0 | 9 | 0 | 0 | 34 | 43 | — | — | 0.9 | — 1.7 | 0.7 | 9 |
| | Samungli (Quetta) | * ... | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 543 | 55 | 0 | 0 | 9 | 0 | 0 | 34 | 57 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 548 | 53 | 0 | 0 | 9 | 0 | 0 | 31 | 30 | — | — | — | — | — | 9 |
| | Chaman | * ... | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 525 | 57 | 0 | 0 | 9 | 0 | 0 | 35 | 54 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 465 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | 8 | + 4 | 7.7 | + 3.5 | 2.7 | — |
| | Nushki | * ... | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 398 | 65 | 0 | 0 | 9 | 0 | 0 | 44 | 64 | 000 | 0 | 0 | 07 | 04 | 97 | 02 | 0 | 576 | 53 | 0 | 0 | 9 | 0 | 0 | 34 | 58 | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin | * ... | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 556 | 70 | 0 | 0 | 9 | 0 | 0 | 31 | 77 | 000 | 0 | 0 | 45 | 02 | 98 | 02 | 0 | 534 | 44 | 0 | 0 | 9 | 0 | 0 | 36 | 41 | + 7 | + 6 | 2.3 | + 0.1 | 2.2 | 7 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 37 | 02 | 98 | 00 | 2 | 534 | 52 | 0 | 0 | 9 | 0 | 0 | 27 | 57 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 560 | 31 | 0 | 0 | 9 | 0 | 0 | 27 | 30 | + 6 | 0 | 0.9 | — 2.3 | 0.9 | — |
| | Khuzdar | * ... | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 536 | 68 | 0 | 0 | 9 | 0 | 0 | 31 | 70 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 525 | 43 | 0 | 0 | 9 | 0 | 0 | 27 | 40 | — | — | — | — | — | 6 |
| | Panjgur | * — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 10th FEBRUARY, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_Lh C_M C_H$ | $D_sV_s$ a PP | 7RR $t_Rt_R$ | $8N_sCh_s h_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{sw}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Lerouan ... ... | 99 1 32 | 10 5 52 | 08 0 61 | 30 3 14 | 90 0 11 | 17 2 31 | 31 7 61 | 14 2 10 | | | 01 7 18 | 12 1 05 | 3// 02 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 156 49 | ... | 475 068 56 | 075 015 56 | 567 177 50 | 731 285 66 | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 015 182 58 | ... | 500 104 75 | 103 010 // | 573 153 // | 738 249 // | 945 315 // | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 015 140 59 | ... | 450 030 46 | 017 125 // | 553 235 // | 714 301 // | 912 445 // | 174 591 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 004 040 30 | ... | 508 140 61 | 161 030 // | 572 261 // | 715 /// // | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 976 078 59 | ... | 500 120 61 | 098 030 61 | 573 137 // | 738 271 // | 939 415 // | 208 543 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 825 016 47 | ... | ... | 113 002 // | 569 231 // | 726 377 // | 920 523 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 996 114 56 | ... | 530 100 61 | 021 021 50 | 568 175 // | 733 285 // | 933 385 // | 204 302 04 | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{tt}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 100 56 | 800 044 50 | 600 099 56 | 350 327 58 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | ... | 800 064 76 | 600 061 // | 350 259 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 305 02 | 305 02 | 350 07 | 285 57 | 280 13 | 280 22 | ... | ... | ... |
| Bogra | 245 06 | 280 08 | 280 08 | 270 18 | 275 19 | 275 37 | 285 49 | ... | ... |
| Chaklala | | 295 10 | 320 11 | 310 06 | 035 04 | 340 07 | 310 13 | 315 24 | 305 35 |
| Chhor | 325 14 | 025 10 | /// // | 010 12 | 350 15 | 296 21 | 280 34 | 280 34 | 280 45 |
| Chittagong | 345 10 | 355 09 | 355 09 | 300 17 | 285 25 | 285 33 | 260 77 | ... | ... |
| Cherat | | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 335 13 | 335 13 | 360 12 | 325 17 | 305 24 | 295 22 | ... | ... | ... |
| Dacca | 255 05 | 255 05 | 260 05 | 295 05 | 300 09 | 285 16 | ... | ... | ... |
| Dalbandin | ... | ... | 105 01 | 125 01 | 345 05 | 015 06 | 040 05 | 360 10 | 355 20 |
| D. I. Khan | 335 05 | 350 01 | 345 03 | 355 07 | 360 18 | 305 13 | 310 17 | 355 19 | 325 36 |
| Drosh | ... | ... | ... | 035 12 | 030 10 | 010 17 | 360 23 | ... | ... |
| Fort Sandeman | ... | ... | ... | 330 02 | 225 04 | 315 16 | 315 15 | 330 20 | 325 21 |
| Gilgit | | | | 255 09 | 280 13 | 275 08 | 295 08 | 225 01 | 355 01 |
| Ishurdi | 045 03 | 025 03 | 345 04 | 335 11 | 130 17 | 290 26 | 305 51 | ... | ... |
| Jacobabad | 035 01 | 240 01 | 240 03 | 295 05 | 330 08 | 310 08 | 010 05 | 351 11 | 340 03 |
| Jessore | 360 04 | 290 04 | 235 07 | 245 12 | 290 23 | 290 29 | 290 43 | ... | |
| Jhelum | 300 07 | 285 12 | 290 09 | 315 15 | 340 17 | 355 07 | 250 14 | 295 21 | 300 32 |
| Jiwani | 140 12 | 135 07 | 100 07 | 345 06 | 355 06 | 310 07 | 285 10 | 270 38 | 275 55 |
| Karachi | 075 15 | 065 21 | 070 29 | 065 40 | 065 29 | 060 27 | 300 14 | | ... |
| Khanpur | 035 07 | 040 04 | 055 06 | 355 04 | 300 05 | 320 11 | 250 12 | 260 24 | 290 24 |
| Khuzdar | ... | ... | ... | ... | | ... | ... | ... | |
| Lahore | 290 08 | 285 10 | 285 10 | 310 09 | 250 12 | 360 12 | 325 10 | 295 12 | 290 16 |
| Multan | 335 08 | 270 04 | 270 04 | 335 11 | 325 21 | 330 23 | 320 27 | 315 39 | 315 43 |
| Nawab Shah | 350 04 | 020 05 | 030 07 | 335 07 | 300 15 | 290 12 | 275 26 | 275 53 | 275 72 |
| Nokkundi | ... | ... | ... | 175 02 | 080 03 | 035 03 | 240 05 | 270 07 | 270 03 |
| Panjgur | ... | ... | | ... | | ... | ... | | ... |
| Peshawar | ... | 360 03 | 080 05 | 315 11 | 295 11 | 325 22 | 335 13 | 325 37 | 315 34 |
| Parachinar | ... | ... | ... | 295 07 | 110 05 | 315 23 | 315 15 | 310 29 | 305 23 |
| Quetta | | | | ... | 335 06 | 340 07 | 315 12 | 330 10 | 320 14 |
| Sargodha | 300 04 | 315 04 | 330 04 | 350 04 | 355 06 | 325 08 | 320 16 | 305 23 | 290 31 |
| Skardu | | ... | ... | 300 03 | 090 04 | 340 06 | 105 06 | 320 15 | 302 13 |
| Sylhet | 280 06 | 260 05 | 240 03 | 295 15 | 280 23 | 265 23 | ... | ... | ... |
| Fereval | ... | ... | ... | ... | ... | ... | | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | ... | | ... | ... | ... | ... |
| Bogra | 360 06 | 360 04 | 275 04 | 285 13 | 290 14 | 300 19 |
| Chaklala | ... | 210 10 | 213 11 | 240 15 | 300 15 | ... |
| Chhor | 075 26 | 075 26 | 060 78 | 015 13 | 350 18 | 290 05 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... |
| Dacca | 360 08 | 340 08 | 340 06 | ... | | ... |
| Dalbandin | ... | ... | 090 02 | 055 05 | 305 05 | 345 03 |
| D. I. Khan | 070 04 | 095 03 | 115 04 | 245 03 | 265 05 | 095 03 |
| Drosh | ... | ... | ... | 045 08 | 009 01 | 005 10 |
| Fort Sandeman | ... | ... | ... | 070 04 | 280 07 | 205 06 |
| Gilgit | ... | ... | ... | ... | ... | ... |
| Ishurdi | ... | ... | ... | ... | ... | ... |
| Jacobabad | 025 04 | 300 03 | 290 06 | 275 08 | 275 13 | 230 23 |
| Jessore | 040 10 | 035 08 | 045 09 | 330 09 | 310 13 | 280 24 |
| Jhelum | 305 09 | 350 15 | 339 11 | 005 07 | 005 09 | 340 24 |
| Jiwani | 360 02 | 160 02 | 130 09 | 110 15 | 100 12 | 240 03 |
| Karachi | ... | ... | | ... | ... | ... |
| Khanpur | 230 07 | 235 10 | 260 13 | 265 15 | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... |
| Lahore | 320 08 | 320 09 | 330 11 | 330 11 | 335 10 | 320 11 |
| Multan | 220 07 | 230 07 | 230 06 | 310 05 | 290 10 | 325 28 |
| Nawab Shah | 050 05 | 075 01 | 075 01 | 320 08 | 325 13 | 070 13 |
| Nokkundi | ... | ... | 220 05 | 230 15 | 235 10 | ... |
| Panjgur | ... | | | | | |
| Peshawar | ... | 095 01 | 040 01 | 310 12 | 325 06 | 315 20 |
| Parachinar | ... | ... | ... | 010 07 | 015 10 | 020 12 |
| Quetta | ... | | | | 210 15 | 215 15 |
| Sargodha | 340 12 | 335 13 | 360 09 | 360 12 | 345 16 | 025 15 |
| Skardu | ... | | | ... | | ... |
| Sylhet | 230 07 | 230 00 | 235 13 | ... | ... | ... |
| Fereval | ... | ... | ... | | | |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 010 04 | 360 06 | 350 09 | 330 14 | 305 11 | 315 15 | 280 25 | 305 25 | 285 28 | 290 39 | ... |
| Bogra | 045 03 | 045 02 | 045 02 | 300 10 | 310 12 | 300 24 | 290 22 | 290 27 | 290 27 | | ... |
| Chaklala | ... | 215 01 | 030 04 | 335 65 | 282 03 | 310 07 | 300 22 | 305 26 | 305 29 | 305 33 | ... |
| Chhor | 085 15 | 081 13 | 050 71 | 020 15 | 030 10 | 125 04 | 130 13 | 295 09 | 308 30 | 025 26 | ... |
| Chittagong | 335 07 | 360 07 | 360 08 | 285 15 | 275 22 | 285 43 | 265 53 | 260 72 | 270 66 | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... |
| Cox's Bazar | | | | | | | | | | | ... |
| Dacca | 010 06 | 010 05 | 315 04 | 300 06 | 300 21 | 290 37 | 290 42 | 280 28 | 290 30 | 280 35 | ... |
| Dalbandin | ... | ... | 070 04 | 040 03 | 345 05 | 110 03 | 200 02 | 185 06 | 240 14 | 265 28 | ... |
| D. I. Khan | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | | | | | | | ... |
| Fort Sandeman | ... | ... | ... | 255 06 | 190 09 | 225 06 | 250 08 | 290 05 | 260 04 | 300 11 | |
| Gilgit | | | | | | | | | | | ... |
| Ishurdi | 015 09 | 010 09 | 325 04 | 295 59 | 310 14 | 280 29 | 290 43 | ... | ... | ... | ... |
| Jacobabad | 285 04 | 245 05 | 250 07 | 250 04 | 190 04 | 040 02 | 135 02 | 135 04 | 140 05 | 335 29 | ... |
| Jessore | 020 03 | 010 05 | 340 08 | 330 02 | 295 33 | 305 29 | | | | | ... |
| Jhelum | 315 04 | 310 07 | /// // | 345 02 | 265 03 | 310 09 | 320 50 | 325 22 | 300 27 | 305 53 | ... |
| Jiwani | 315 07 | 005 05 | 060 05 | 115 07 | 120 12 | 140 11 | 260 85 | 270 19 | 260 28 | ... | ... |
| Karachi | 080 12 | 070 05 | 140 03 | 340 03 | 130 02 | 235 04 | 270 18 | 270 31 | 275 34 | | ... |
| Khanpur | 180 11 | 185 07 | 180 11 | 200 17 | 255 32 | 255 31 | 305 38 | 260 41 | 255 21 | 285 27 | ... |
| Khuzdar | | | | | | | | | | | ... |
| Lahore | 310 05 | 300 11 | 300 13 | 300 13 | 325 08 | 325 08 | 340 12 | 320 18 | 320 18 | 315 27 | ... |
| Multan | 170 09 | 195 13 | 190 15 | 190 19 | 200 11 | 195 08 | 320 09 | 345 08 | 030 06 | 320 13 | ... |
| Nawab Shah | 260 05 | 170 04 | 275 06 | 320 08 | 080 05 | 100 08 | 175 04 | 260 16 | 128 14 | ... | ... |
| Nokkundi | ... | ... | 110 09 | 140 06 | 090 04 | 120 05 | 180 06 | 195 05 | 185 06 | 210 06 | |
| Panjgur | | | | | | | | | | | ... |
| Peshawar | ... | 105 02 | 100 03 | 300 10 | 295 14 | 275 11 | 290 14 | 310 17 | 295 25 | 275 47 | ... |
| Parachinar | ... | ... | | | | | | | | | ... |
| Quetta | ... | | | | 315 04 | 015 04 | 240 09 | 155 05 | 215 08 | 280 58 | ... |
| Sargodha | 300 09 | 295 12 | 305 13 | 330 09 | 315 09 | 335 07 | 320 05 | 310 17 | 305 17 | 305 39 | ... |
| Skardu | | | | 100 04 | 040 02 | 250 15 | 025 10 | 190 54 | 360 06 | ... | ... |
| Sylhet | 100 06 | 025 03 | 055 03 | 355 07 | 295 16 | 305 12 | 285 33 | 290 27 | 290 35 | ... | ... |
| Fereval | | ... | ... | ... | ... | | ... | ... | | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi | 300 18 | 315 11 | 065 10 | 080 16 | 020 07 | 020 04 | 290 12 | 275 28 | 296 12 | 215 46 | 270 35 | 255 83 | 265 68 | ... | ... | ... | ... | ... |
| Multan ... | 240 10 | 240 06 | 230 05 | 025 04 | 360 05 | 345 08 | 355 11 | 340 11 | 345 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta .. | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

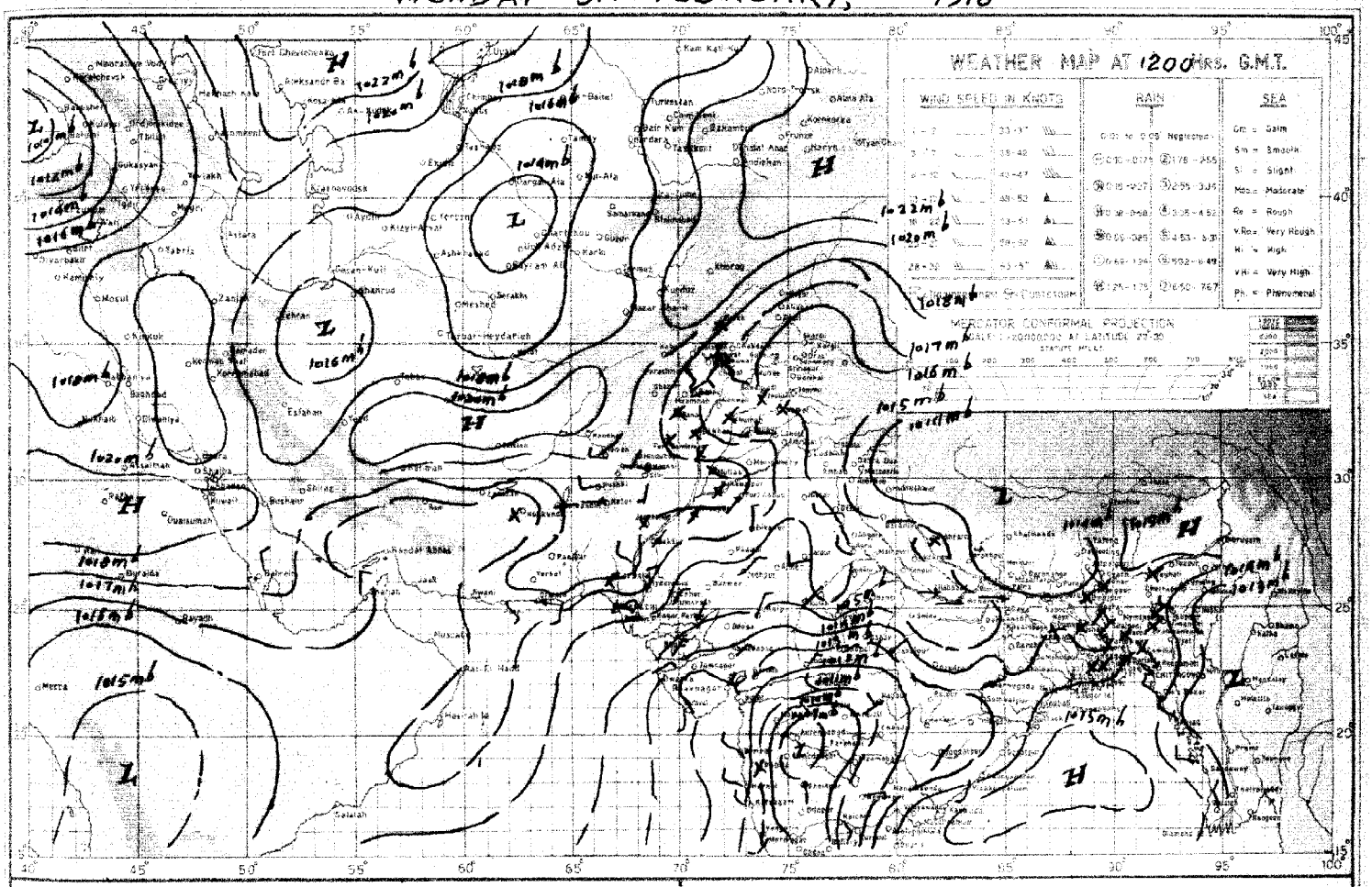
† The actual time of observations may vary within half an hour of the specified time.

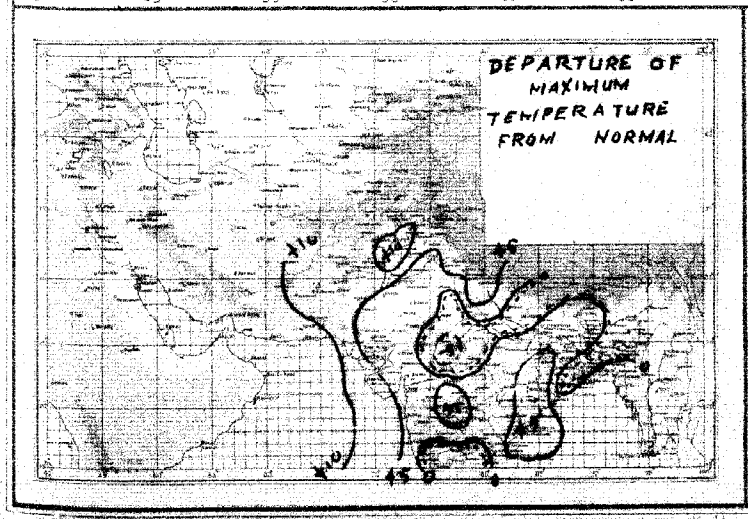
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

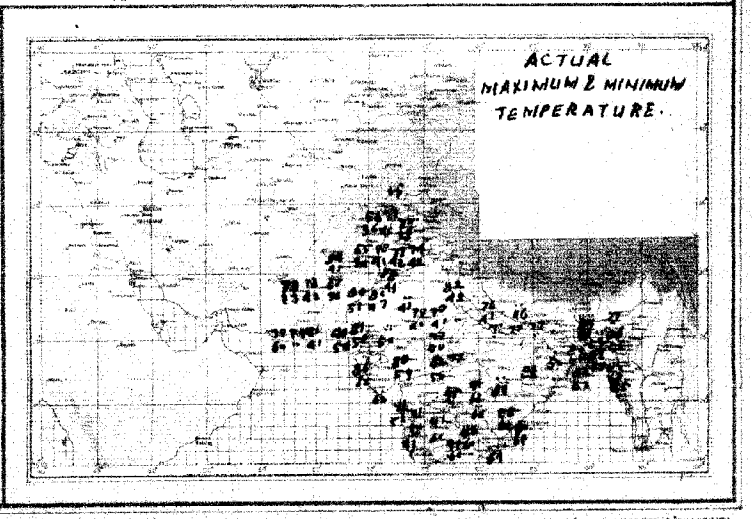
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather [illegible] Air Port, KARACHI—[illegible]

# PAKISTAN DAILY WEATHER MAP

MONDAY 9TH FEBRUARY, 1970

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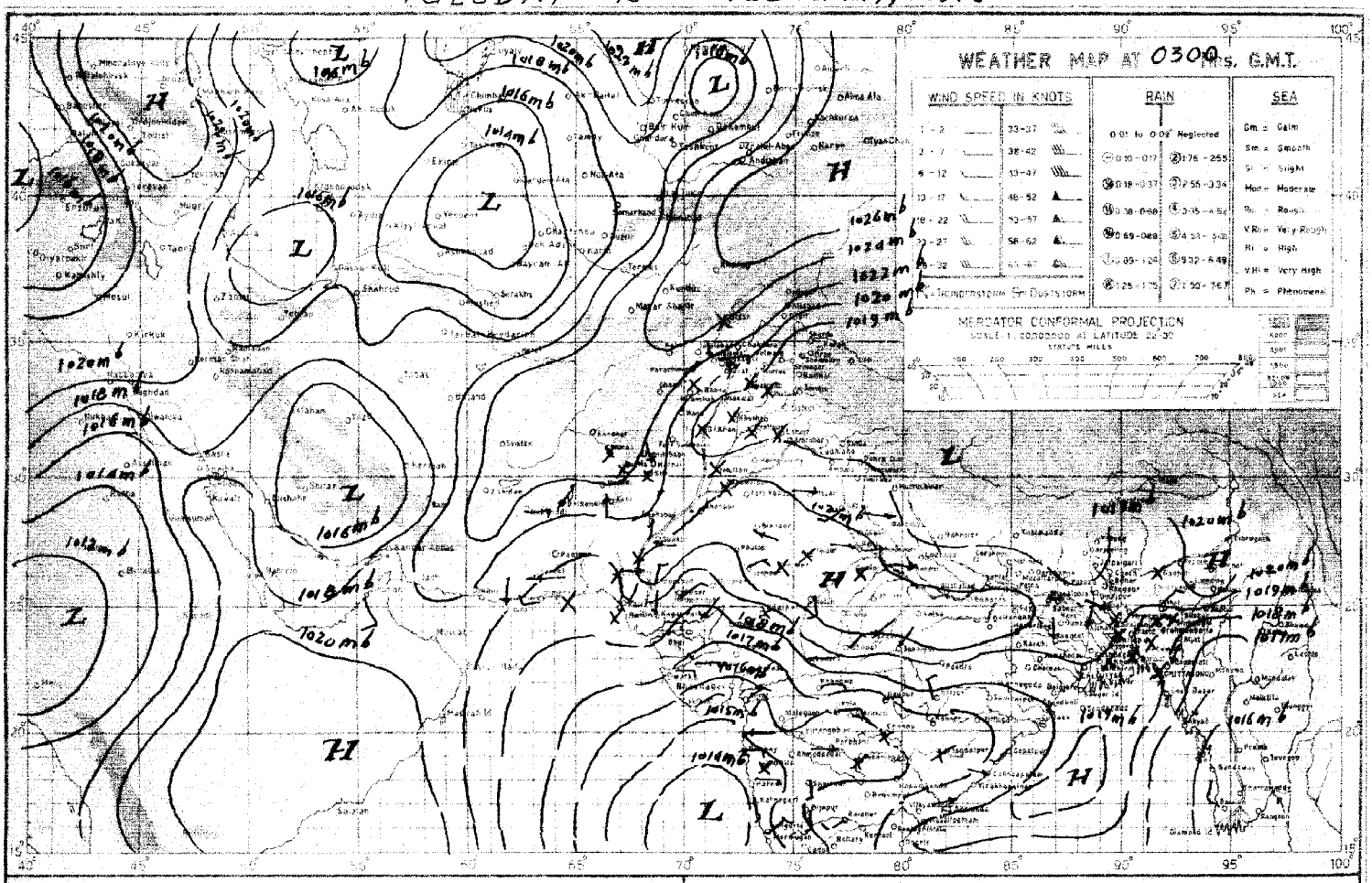
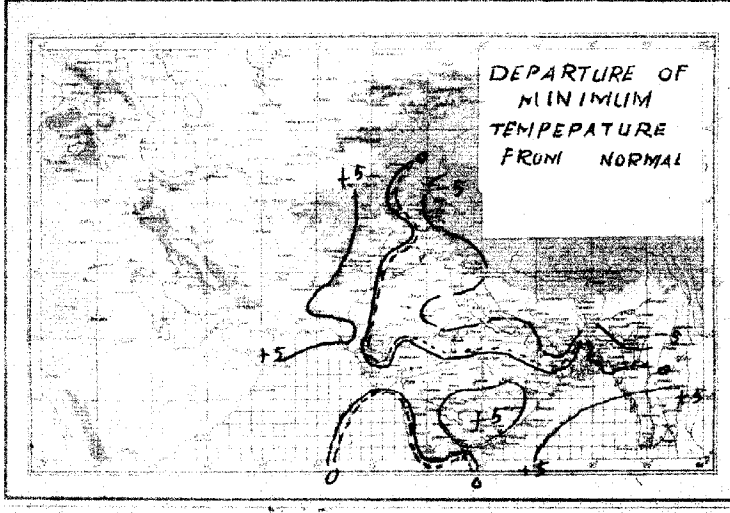
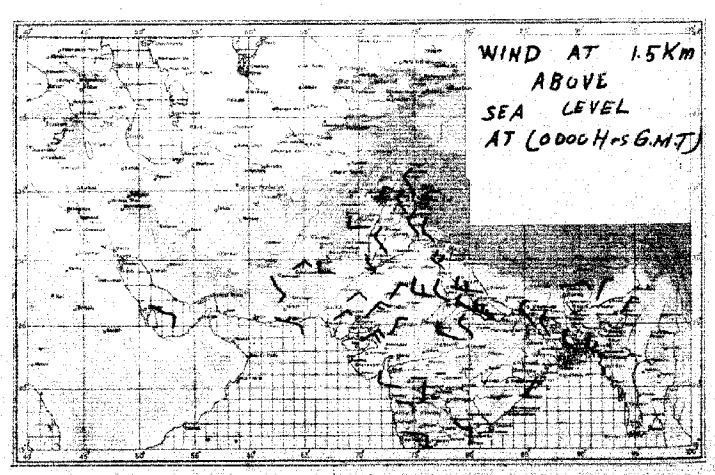
# PAKISTAN DAILY WEATHER MAP

TUESDAY 10TH FEBRUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 11th FEBRUARY 1970.**

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

A trough of low pressure that approached Kalat division last evening now lies over Quetta division and neighbourhood.
A western disturbance is moving across north of Afghanistan.
Weather remained dry over the country.
Night temperatures were 3—5 °F (2—3 °C) above normal in Peshawar, Quetta and Khairpur divisions and 3—8 °F (2—4 °C) below normal in Chittagong, Khulna, Bahawalpur and Hyderabad divisions.
**Forecast valid until the evening of 12th February 1970 :—** A few falls of rain/snow are likely to occur over hills in Malakand and Peshawar divisions and Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 11th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 142 | 80 | 3 | 1 | 6 | 0 | 0 | 51 | 85 |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chittagong | 000 | 0 | 3 | 31 | 04 | 96 | 02 | 2 | 145 | 76 | 3 | 0 | 9 | 3 | 0 | 60 | 82 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | // | 03 | 2 | 145 | 77 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 2 | 147 | 74 | / | 0 | / | / | / | 44 | 82 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 144 | 77 | 0 | 0 | 9 | 0 | 0 | 66 | 74 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 137 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 158 | 78 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Narayanganj | 000 | 0 | 2 | 31 | 02 | // | 01 | 1 | 146 | 77 | 2 | 6 | 6 | 0 | 0 | 58 | 86 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 147 | 76 | 1 | 0 | 9 | 3 | 0 | 49 | 82 |
| | Faridpur | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 132 | 78 | 0 | 0 | 9 | 0 | 0 | 48 | 82 |
| Khulna | Barisal | 000 | 0 | 0 | 80 | 00 | 96 | 02 | 2 | 143 | 74 | 7 | 0 | 9 | 2 | 0 | 60 | 83 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 0. | 0 | 147 | 76 | 0 | 0 | 9 | 0 | 0 | 68 | 85 |
| | Satkhira | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 151 | 74 | 4 | 4 | 9 | 0 | 0 | 55 | 80 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 150 | 77 | 3 | 0 | 9 | 3 | 0 | 55 | 80 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 149 | 77 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| | Sirajganj | 000 | 0 | 0 | 80 | 00 | // | 00 | 0 | 146 | 77 | 0 | 0 | 9 | 0 | 0 | 39 | 78 |
| | Rajshahi | 000 | 0 | 0 | 02 | 00 | 96 | 02 | 0 | 153 | 74 | 0 | 0 | 9 | 0 | 0 | 57 | 82 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | // | 02 | 1 | 147 | 71 | 0 | 0 | 9 | 0 | 0 | 50 | 82 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 150 | 72 | 0 | 0 | 9 | 0 | 0 | 55 | 80 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 120 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 158 | 74 | 0 | 0 | 9 | 0 | 0 | 37 | 76 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 154 | 74 | 0 | 0 | 9 | 0 | 0 | 33 | 78 |
| | Islamabad | 000 | 0 | 1 | 27 | 02 | 96 | 01 | 0 | /// | 70 | 1 | 2 | 8 | 0 | 0 | // | 70 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 165 | 76 | 0 | 0 | 9 | 0 | 0 | // | // |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 180 | 77 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| | Sargodha | 000 | 0 | 1 | 23 | 03 | 98 | 02 | 0 | 169 | 77 | 0 | 0 | 9 | 0 | 1 | 30 | 78 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 157 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 18 | 05 | 97 | 02 | 0 | 154 | 77 | 0 | 0 | 9 | 0 | 0 | 36 | 78 |
| | Leiah | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 181 | 70 | 0 | 0 | 9 | 0 | 0 | 33 | 70 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 154 | 78 | 0 | 0 | 9 | 0 | 0 | 42 | 80 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 162 | 78 | 0 | 0 | 9 | 0 | 0 | 35 | 78 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 175 | 78 | 0 | 0 | 9 | 0 | 0 | 48 | 78 |
| Malakand | Chakdra | 000 | 0 | 1 | 23 | 02 | 98 | 02 | 0 | 138 | 70 | 0 | 0 | 9 | 0 | 0 | 33 | 70 |
| Peshawar | Peshawar | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 152 | 74 | 0 | 0 | 9 | 0 | 0 | 37 | 76 |
| | Haripur | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 152 | 70 | 0 | 0 | 9 | 0 | 0 | 30 | 72 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 158 | 72 | 0 | 0 | 9 | 0 | 0 | 35 | 74 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 150 | 74 | 0 | 0 | 9 | 0 | 0 | 44 | 77 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 152 | 84 | 0 | 0 | 9 | 0 | 0 | 56 | 85 |
| | Nokkundi | 000 | 0 | 0 | 09 | 04 | 97 | 02 | 0 | 134 | 74 | 0 | 0 | 0 | 0 | 0 | 28 | 76 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 168 | 83 | 0 | 0 | 9 | 0 | 0 | 33 | 83 |
| | Jiwani | 000 | 0 | 3 | 27 | 05 | 96 | 02 | 0 | 157 | 78 | 0 | 0 | 8 | 0 | 0 | 59 | 79 |
| | Pasni | 000 | 0 | 0 | 25 | 08 | 97 | 02 | 0 | 171 | 80 | 0 | 0 | 9 | 0 | 0 | 56 | 82 |
| Karachi division | Ormara | 000 | 0 | 0 | 25 | 03 | 96 | 02 | 0 | 158 | 81 | 0 | 0 | 9 | 0 | 0 | 38 | 83 |
| | Lasbela | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 138 | 78 | 0 | 0 | 9 | 0 | 0 | 52 | 80 |
| | Karachi (Manora) | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 163 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 81 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 148 | 82 | 0 | 0 | 9 | 0 | 0 | 34 | 85 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 171 | 79 | 0 | 0 | 9 | 0 | 0 | 22 | 81 |
| | Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 153 | 83 | 0 | 0 | 9 | 0 | 0 | 20 | 85 |
| | Hyderabad | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 152 | 82 | 0 | 0 | 9 | 0 | 0 | 40 | 86 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 153 | 84 | 0 | 0 | 9 | 0 | 0 | 39 | 86 |
| Khairpur | Padidan | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 152 | 82 | 0 | 0 | 9 | 0 | 0 | 36 | 83 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 158 | 81 | 0 | 0 | 9 | 0 | 0 | 51 | 84 |
| | Sukkur | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 142 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 85 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 147 | 81 | 0 | 0 | 9 | 0 | 0 | 48 | 82 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 4 | 05 | 10 | 98 | 02 | 0 | 531 | 55 | 2 | 0 | 9 | 4 | 4 | 42 | 60 |
| Peshawar | Cherat * | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 522 | 55 | 0 | 0 | 9 | 0 | 0 | 44 | 62 |
| | Kakul * | 000 | 0 | 0 | 02 | 03 | 99 | 02 | 0 | 520 | 62 | 0 | 0 | 9 | 0 | 0 | 47 | 66 |
| | Landikotal * | 000 | 0 | 0 | 34 | 02 | 98 | 02 | 0 | 495 | 65 | 0 | 0 | 9 | 0 | 0 | 32 | 65 |
| | Parachinar * | 000 | 0 | 0 | 16 | 03 | 98 | 02 | 0 | 527 | 58 | 0 | 0 | 9 | 0 | 0 | 44 | 60 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 03 | 99 | 00 | 0 | 526 | 51 | 0 | 0 | 9 | 0 | 0 | 33 | 62 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 479 | 52 | 0 | 0 | 9 | 0 | 0 | 42 | 58 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 31 | 03 | 98 | 02 | 0 | 5'' | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 68 |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 36 | 44 |
| | Loralai * | 000 | 0 | 0 | 27 | 06 | 97 | 00 | 0 | 495 | 38 | 0 | 0 | 9 | 0 | 0 | 41 | 46 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 504 | 71 | 0 | 0 | 9 | 0 | 0 | 45 | 72 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 520 | 59 | 0 | 0 | 9 | 0 | 0 | 28 | 60 |
| | Chaman * | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 520 | 62 | 0 | 0 | 9 | 0 | 0 | 37 | 64 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 573 | 67 | 0 | 0 | 9 | 0 | 0 | 42 | 66 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 593 | 49 | 0 | 0 | 9 | 0 | 0 | 29 | 71 |
| Kalat | Kalat * | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 511 | 56 | 0 | 0 | 9 | 0 | 0 | // | 60 |
| | Khuzdar * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 508 | 70 | 0 | 0 | 9 | 0 | 0 | 10 | 72 |
| | 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 † We (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 0 | 00 | 00 | 97 | 08 | 4 | 197 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — | — | 1.8 | — | 0.3 | — |
| Cox's Bazar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 176 | 70 | 0 | 0 | 9 | 0 | 0 | 61 | 61 | — | — | — | — | — | 140 |
| Chittagong | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 182 | 65 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | + 1 | + 2 | 1.3 | — 1.9 | 8.1 | 108 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 186 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 2 | — 7 | — | — | — | 115 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 184 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | + 2 | — 3 | 1.3 | — 0.9 | 0.8 | 94 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 186 | 72 | 0 | 0 | 9 | 0 | 0 | 61 | 56 | — | — | — | — | — | 78 |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 174 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 43 | — | — 6 | — | — | — | 98 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | + 3 | | | | | 91 |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 188 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | + 6 | — 2 | 2.3 | + 0.7 | 1.1 | 74 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 31 | 03 | 96 | 01 | 4 | 153 | 65 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | — | | 1.9 | — | 0.7 | — |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 187 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | + 4 | — 1 | — | — | — | 71 |
| Barisal | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 185 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | 50 | 0 | — 10 | — | — | — | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /,/ | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | + 4 | + 2 | — | — | — | 68 |
| Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | | | | | 65 |
| Jessore | 000 | 0 | 0 | 25 | 03 | 90 | 05 | 0 | 191 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 50 | 0 | — | 2.4 | + 0.4 | 1.3 | 65 |
| Pabna | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 190 | 65 | 0 | 0 | 9 | 0 | 0 | 50 | 56 | — | — | — | — | — | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 90 | 98 | 00 | 0 | 188 | 65 | 0 | 0 | 9 | 0 | 0 | 49 | 54 | + 1 | + 1 | — | — | — | 64 |
| Rajshahi | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 196 | 65 | 0 | 0 | 9 | 0 | 0 | 47 | 54 | + 4 | 0 | 4.1 | + 2.7 | 4.1 | — |
| Bogra | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 184 | 65 | 0 | 0 | 9 | 0 | 0 | 50 | 54 | + 4 | 0 | 1.7 | + 0.3 | 0.5 | 69 |
| Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 193 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 54 | + 3 | — | — | — | — | 72 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 173 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | + 2 | + 2 | — | — | — | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | 188 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | + 4 | 0 | 0.7 | — 1.2 | 0.7 | 19 |
| Sialkot | 000 | 0 | 0 | 08 | 08 | 98 | 00 | 0 | 120 | 63 | 0 | 0 | 9 | 0 | 0 | 49 | 42 | — | — 3 | — | — | — | 32 |
| Jhelum | 000 | 0 | 7 | 13 | 02 | 97 | 00 | 0 | 196 | 60 | 0 | 0 | 9 | 0 | 0 | 38 | 41 | — | — | 1.7 | — | 1.7 | — |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 07 | 0 | /// | 51 | 2 | 3 | 8 | 0 | 0 | 32 | 45 | — | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 198 | 43 | 0 | 0 | 9 | 0 | 0 | 35 | 40 | + 10 | — 1 | 2.9 | — 2.1 | 2.7 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 205 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | // | + 10 | — | — | — | — | 15 |
| Sargodha | 000 | 0 | 1 | 23 | 03 | 96 | 04 | 0 | 188 | 43 | 0 | 0 | 9 | 0 | 1 | 35 | 40 | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 191 | 45 | 0 | 0 | 9 | 0 | 0 | 48 | 43 | + 8 | 0 | 0.3 | — 0.6 | 0.3 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 184 | 56 | 0 | 0 | 9 | 0 | 0 | 27 | 43 | + 8 | — 2 | 0.1 | — 0.7 | 0.1 | 7 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — | | | | | 8 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 181 | 49 | 0 | 0 | 9 | 0 | 0 | 36 | 41 | + 4 | — 4 | 0.7 | + 0.1 | 0.4 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 199 | 59 | 0 | 0 | 9 | 0 | 0 | 51 | 43 | + 4 | — 4 | — | — | — | 6 |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 821 | 62 | 0 | 0 | 9 | 0 | 0 | 45 | 58 | — | — | — | — | — | 8 |
| Chakdra | 000 | 0 | 3 | 05 | 07 | 98 | 01 | 0 | 198 | 40 | 0 | 0 | 9 | 0 | 4 | 33 | 38 | — | — | 2.4 | — | 2.1 | — |
| Peshawar | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 1 | 191 | 47 | 0 | 0 | 9 | 8 | 1 | 33 | 45 | + 12 | + 2 | 1.5 | — 1.5 | 1.0 | 11 |
| Haripur | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 1 | 189 | 49 | 0 | 0 | 9 | 0 | 0 | 33 | 43 | — | | — | | — | — |
| Bannu | 000 | 0 | 3 | 27 | 01 | 99 | 00 | 0 | 188 | 49 | 0 | 0 | 9 | 4 | 0 | 29 | 47 | — | — | 0.7 | — | 0.3 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 190 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 41 | + 8 | 0 | 1.1 | 0.0 | 1.1 | 9 |
| Sibi | 003 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 197 | 50 | 0 | 0 | 9 | 0 | 0 | 46 | 48 | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 182 | 55 | 0 | 0 | 9 | 0 | 0 | 38 | 55 | — | — | 1.7 | — | 1.7 | 9 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 204 | 60 | 0 | 0 | 9 | 0 | 0 | 44 | 50 | — | — | 0.3 | — | 0.3 | — |
| Jiwani | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 175 | 61 | 0 | 0 | 9 | 0 | 0 | 59 | 39 | — | — | 8.7 | — | 7.9 | 8 |
| Pasni | 000 | 0 | 0 | 29 | 08 | 97 | 02 | 0 | 171 | 59 | 0 | 0 | 0 | 0 | 0 | 51 | 32 | + 6 | — | 2.5 | — 0.9 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 174 | // | 0 | 0 | 9 | 0 | 0 | 59 | // | — | — | — | — | — | 6 |
| Lasbela | 000 | 0 | 0 | 03 | 00 | 98 | 00 | 0 | 176 | 53 | 0 | 0 | 8 | 0 | 0 | 45 | 43 | — | — | — | — | — | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 171 | 62 | 0 | 0 | 9 | 0 | 0 | 50 | 61 | + 3 | + 1 | 0.3 | — 0.6 | 0.3 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 08 | 96 | 02 | 0 | 176 | 54 | 0 | 0 | 9 | 0 | 0 | 31 | 53 | — | — | 0.3 | — | 0.3 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 204 | 61 | 0 | 0 | 0 | 0 | 0 | 61 | 61 | — | — | 0.0 | — | 0.0 | — |
| Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 01 | 0 | 171 | 53 | 0 | 0 | 9 | 0 | 0 | 18 | 44 | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 178 | 55 | 0 | 0 | 9 | 0 | 0 | 43 | 53 | + 8 | 0 | 0.1 | — 0.3 | 0.1 | 9 |
| Badin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 176 | 51 | 0 | 0 | 9 | 0 | 0 | 37 | 48 | — | — 7 | 0.1 | — 0.5 | 0.1 | — |
| Padidan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 175 | 51 | 0 | 0 | 9 | 0 | 0 | 39 | 45 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 1 | 174 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 45 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 0 | 0 | 31 | 05 | 94 | 05 | 4 | 166 | 39 | 0 | 0 | 9 | 0 | 0 | 49 | 52 | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 176 | 55 | 0 | 0 | 9 | 0 | 0 | 41 | 53 | + 9 | + 4 | 0.1 | — 0.4 | 0.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 84 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh * | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 1 | 568 | 36 | 0 | 0 | 9 | 0 | 0 | 37 | 32 | + 2 | — | — | — | — | 29 |
| Cherat * | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 1 | 527 | 54 | 0 | 0 | 9 | 0 | 0 | 42 | 45 | + 13 | + 5 | 1.9 | — 1.1 | 1.3 | — |
| Kakul * | 000 | 0 | 1 | 05 | 02 | 98 | 00 | 1 | 523 | 50 | 0 | 0 | 9 | 0 | 0 | 10 | 43 | — | — | 4.6 | — | 3.5 | — |
| Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 500 | 41 | 0 | 0 | 9 | 0 | 0 | 31 | 29 | — | — | 0.9 | — | 0.1 | 29 |
| Parachinar * | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 559 | 40 | 0 | 0 | 9 | 0 | 0 | 24 | 57 | + 9 | + 2 | — | — | — | 13 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 494 | 35 | 0 | 0 | 9 | 0 | 0 | 24 | 33 | — | — | 0.0 | — 2.1 | 0.0 | 11 |
| Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 529 | 41 | 0 | 0 | 9 | 0 | 0 | 40 | 32 | — | — | — | — | — | 13 |
| Fort Sandeman * | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 520 | 38 | 0 | 0 | 9 | 0 | 0 | 20 | 34 | + 11 | 0 | 0.4 | — 1.8 | 0.4 | — |
| Hindubagh * | 000 | 0 | 0 | 25 | 03 | 98 | 01 | 0 | /// | 37 | 0 | 0 | 9 | 0 | 0 | 24 | 17 | — | — | 1.4 | — | 0.9 | 9 |
| Loralai * | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 485 | 29 | 0 | 0 | 9 | 0 | 0 | 35 | // | — | — | 0.8 | — | 0.8 | — |
| Barkhan * | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| Harnai * | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 492 | 40 | 0 | 0 | 9 | 0 | 0 | 37 | 46 | — | — | 0.7 | — 1.7 | 0.7 | 9 |
| Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 537 | 34 | 0 | 0 | 9 | 0 | 0 | 23 | 28 | — | — | — | — | — | 9 |
| Chaman * | 000 | 0 | 0 | 00 | 08 | 91 | 03 | 0 | 549 | 42 | 0 | 0 | 9 | 0 | 0 | 31 | // | + 10 | — | 7.7 | + 3.4 | 7.7 | — |
| Nushki * | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 569 | 53 | 0 | 0 | 9 | 0 | 0 | 31 | 49 | — | — | 2.9 | — | 2.9 | 4 |
| Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 5:7 | 44 | 0 | 0 | 9 | 0 | 0 | 35 | 43 | + 6 | + 3 | 2.3 | + 0.1 | 2.2 | 7 |
| Kalat * | 000 | 0 | 0 | 33 | 02 | 98 | 00 | 2 | 544 | 32 | 0 | 0 | 9 | 0 | 0 | 21 | 30 | + 9 | — 1 | 0.9 | — 2.3 | 0.9 | — |
| Khuzdar * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 515 | 45 | 0 | 0 | 9 | 0 | 0 | 17 | 41 | — | — | — | — | — | 5 |
| Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 11th FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhCLhCMCH | DsVs a PP | 7RR tRtR | 8NsCh hs | OTsTsTdTd | 1TwTwTwT | 3PwPwHwHw | d dwPwHwH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABIAN SEA** | | | | | | | | | | | | | | |
| Sijsk ... ... | 99 2 31 | 10 6 60 | 10 1 21 | 00 9 04 | 99 0 00 | 16 0 28 | 00 0 00 | 54 5 10 | | | | 12 5 08 | 30 1 08 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface (PoPoP'o ToToTo DoDo) | 1000 mb (hhh TTTa DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 012 150 47 | ... | 450 054 56 | 055 037 50 | 564 115 37 | /// /// // | 933 337 57 | | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 015 150 50 | ... | 460 066 57 | 076 059 // | 569 811 // | 721 243 60 | 940 329 60 | 215 541 // | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 013 130 59 | ... | 430 034 61 | 023 091 // | 554 245 // | 715 311 // | 914 411 // | 183 511 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 002 120 62 | ... | 460 060 15 | 062 015 // | 566 151 // | 731 245 // | 937 321 // | 214 445 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 975 072 58 | ... | 460 104 60 | 091 034 59 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 995 104 58 | ... | 450 080 58 | 060 031 57 | 564 175 // | 728 265 // | 932 371 // | 206 461 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE PtTtPtTtTtTat | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 084 34 | 800 050 50 | 600 097 57 | 350 255 57 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 092 60 | 800 052 59 | 600 079 61 | 350 273 60 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | — | ... | — | — | — | ... | — | — | — | ... | ... | ... |
| Multan ... | 00 00 | — | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | — | — | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 330 03 | 330 05 | 335 07 | 300 15 | 285 21 | 295 21 | ... | — | ... |
| Bogra ... | 305 06 | 310 09 | 310 09 | 310 08 | 290 11 | 305 39 | — | ... | — |
| Chaklala ... | ... | 360 04 | 225 04 | 230 01 | 035 01 | 010 04 | 285 09 | 275 11 | 290 15 |
| Chhor ... | 035 04 | 030 07 | 045 09 | 215 10 | 010 06 | 085 06 | 145 14 | .. | — |
| Chittagong ... | 315 15 | 325 12 | 335 11 | 300 15 | 285 19 | 260 21 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | — | ... | — |
| Cox's Bazar ... | 330 20 | 330 16 | 315 15 | 335 15 | 335 20 | 310 29 | ... | ... | ... |
| Dacca ... | 280 12 | 280 11 | 290 20 | 280 15 | 290 21 | 310 20 | 305 37 | 310 31 | 255 59 |
| Dalbandin ... | ... | — | 080 03 | 100 01 | 150 03 | 115 01 | 190 06 | 210 08 | 235 07 |
| D. I. Khan ... | 140 06 | 140 08 | 130 04 | 170 07 | 210 06 | 250 05 | 250 04 | 275 08 | 270 09 |
| Drosh ... | ... | ... | ... | 045 05 | 015 06 | 010 10 | 215 08 | 250 11 | 225 13 |
| Fort Sandeman ... | ... | ... | ... | 260 06 | 210 06 | 215 08 | 220 27 | 270 05 | 280 11 |
| Gilgit ... | ... | | | 050 05 | 030 09 | 260 03 | 320 26 | 280 12 | 275 34 |
| Isburdi ... | 250 05 | 265 05 | 270 54 | 290 07 | 320 15 | 310 19 | 295 31 | ... | ... |
| Jacobabad ... | 205 03 | 185 04 | 230 03 | 220 05 | 230 07 | 115 03 | 150 03 | 170 08 | 210 12 |
| Jessore ... | 325 08 | 330 08 | 320 08 | 310 08 | 275 15 | 285 15 | ... | ... | |
| Jhelum ... | 255 01 | 285 03 | 290 04 | 345 04 | 345 06 | 290 06 | 300 19 | 300 23 | 305 22 |
| Jiwani ... | 260 03 | 180 01 | 210 02 | 175 04 | 140 05 | 265 03 | 280 15 | 285 22 | 295 28 |
| Karachi ... | 200 05 | 025 02 | 025 02 | 005 03 | 270 06 | 260 09 | 255 15 | 260 29 | 255 29 |
| Khanpur ... | 255 09 | 220 11 | 220 10 | 230 09 | 325 12 | 290 09 | 095 12 | 010 66 | 320 17 |
| Khuzdar ... | ... | — | ... | 280 03 | 290 05 | 340 07 | 015 10 | 325 12 | 280 31 |
| Lahore ... | 280 06 | 285 06 | 290 27 | 295 07 | ... | ... | ... | ... | .. |
| Multan ... | 135 08 | 150 11 | 150 13 | 245 08 | 265 10 | 260 06 | 320 09 | 310 11 | 310 07 |
| Nawab Shah ... | 170 03 | 125 03 | 042 04 | 315 08 | 325 04 | 080 07 | 130 13 | 260 09 | 260 21 |
| Nokkundi ... | ... | — | 115 02 | 105 07 | 105 11 | 235 10 | 180 11 | 180 14 | 210 14 |
| Panjgur ... | — | .. | .. | .. | | ... | ... | | |
| Peshawar ... | .. | 110 02 | 210 04 | 280 07 | 290 13 | 295 12 | 255 12 | 270 20 | 275 40 |
| Parachinar ... | ... | .. | .. | 265 04 | 100 03 | 290 19 | 270 12 | 290 37 | 285 24 |
| Quetta ... | ... | ... | | — | 300 08 | 010 05 | 250 05 | 225 09 | 200 08 |
| Sargodha ... | 235 04 | 255 03 | 340 03 | 300 06 | 300 06 | 295 12 | 280 57 | 290 18 | 290 12 |
| Skardu ... | ... | ... | ... | 245 03 | 280 03 | 080 02 | 230 06 | 251 61 | 290 35 |
| Sylhet ... | 290 07 | 290 05 | 260 02 | 070 02 | 360 03 | 320 11 | .. | — | ... |
| Veraval ... | ... | — | . | ... | ... | - | | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 350 09 | 330 18 | 330 20 | 320 12 | 280 19 | 315 20 |
| Bogra ... | 365 15 | 320 12 | 325 09 | 335 09 | 340 09 | 375 18 |
| Chaklala ... | ... | 060 05 | 345 02 | 345 04 | 365 03 | 205 07 |
| Chhor ... | 070 21 | 065 11 | 055 09 | 025 07 | 320 18 | 350 15 |
| Chittagong ... | — | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 085 11 | 005 18 | 345 18 | 330 11 | 320 17 | ... |
| Dacca ... | 330 12 | 301 02 | 301 03 | ... | 200 15 | ... |
| Dalbandin ... | ... | ... | 075 05 | 115 07 | 210 06 | 305 04 |
| D. I. Khan ... | 210 04 | 185 04 | 150 03 | 145 03 | 280 04 | 295 01 |
| Drosh ... | — | ... | ... | 055 01 | 060 01 | 035 02 |
| Fort Sandeman ... | ... | .. | ... | 090 01 | 360 01 | 285 01 |
| Gilgit ... | ... | ... | | 015 03 | 355 02 | .. |
| Isburdi ... | 310 10 | 300 10 | 300 15 | 305 13 | 3-5 05 | 310 30 |
| Jacobabad ... | 180 02 | 160 05 | 160 05 | 185 10 | 270 13 | 280 07 |
| Jessore ... | 010 11 | 010 07 | 350 09 | 310 07 | 315 15 | 310 24 |
| Jhelum ... | 330 61 | 325 11 | 340 09 | 340 04 | 150 06 | 220 07 |
| Jiwani ... | 275 11 | 250 05 | 140 12 | 065 05 | 055 10 | 195 22 |
| Karachi ... | | ... | | ... | ... | |
| Khanpur ... | 250 08 | 245 19 | 217 19 | 190 16 | 180 13 | 235 11 |
| Khuzdar ... | ... | | ... | 200 06 | 260 08 | 170 06 |
| Lahore ... | 310 07 | 315 07 | 320 09 | 335 08 | 295 03 | 330 05 |
| Multan ... | 190 12 | 225 12 | 245 09 | 265 04 | 335 07 | 230 07 |
| Nawab Shah ... | 050 05 | 075 01 | 075 01 | 310 08 | 325 13 | 070 13 |
| Nokkundi ... | ... | | 085 10 | 140 06 | 180 06 | 195 06 |
| Panjgur ... | ... | | | ... | .. | ... |
| Peshawar ... | ... | 230 01 | 135 03 | 135 06 | 180 06 | 195 09 |
| Parachinar ... | ... | .. | ... | 280 10 | 040 02 | . |
| Quetta ... | ... | ... | | | 205 08 | 230 14 |
| Sargodha ... | 260 04 | 285 05 | 318 06 | 320 07 | 350 07 | 290 12 |
| Skardu ... | ... | . | ... | 080 02 | 065 05 | ... |
| Sylhet ... | 085 07 | 080 04 | 100 40 | 060 05 | 045 04 | 320 06 |
| Veraval ... | . | . | .. | — | . | . |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 345 17 | 240 17 | 340 19 | 220 17 | 305 17 | 300 27 | 285 32 | 230 32 | ... | ... | ... |
| Bogra ... | 305 08 | 315 08 | 315 08 | 290 04 | 335 10 | ... | | ... | ... | ... | ... |
| Chaklala ... | .. | 110 02 | 145 02 | 170 02 | 210 02 | 230 06 | 225 08 | 230 08 | 220 09 | ... | |
| Chhor ... | 070 11 | 050 08 | 015 09 | 335 15 | 050 09 | 230 07 | 245 30 | 255 35 | 250 36 | 250 43 | 230 26 |
| Chittagong ... | 360 03 | 340 07 | 315 11 | 275 21 | 260 22 | 265 29 | 270 36 | 270 31 | 265 27 | 270 30 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... |
| Cox's Bazar ... | 005 08 | 345 05 | 335 09 | 310 19 | 305 24 | 305 31 | 295 28 | 310 27 | 310 26 | ... | |
| Dacca ... | 325 08 | 325 08 | 325 08 | 325 10 | 325 11 | 325 07 | 325 14 | 310 17 | 310 13 | 295 33 | 345 27 |
| Dalbandin ... | | ... | 075 04 | 175 03 | 270 07 | 325 06 | 225 15 | 245 22 | 245 28 | 240 34 | 250 25 |
| D. I. Khan ... | 285 04 | 285 04 | 185 02 | 145 03 | 200 04 | 260 04 | 250 08 | 221 05 | 235 13 | 240 16 | 230 31 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | .. | ... | 220 01 | 335 01 | 205 05 | 225 03 | 210 08 | 230 44 | ... | ... |
| Gilgit ... | — | . | ... | 110 02 | 040 02 | 370 07 | 340 06 | — | — | ... | ... |
| Isburdi ... | | ... | ... | 110 02 | 040 02 | 330 07 | 340 06 | ... | ... | ... | |
| Jacobabad ... | 125 06 | 155 04 | 155 03 | 215 09 | 240 08 | 120 04 | 200 16 | 195 17 | 276 01 | 250 85 | 261 05 |
| Jessore ... | | | . | — | ... | ... | ... | | ... | ... | |
| Jhelum ... | 340 04 | 310 01 | 305 13 | 310 09 | 205 04 | 240 06 | 225 07 | 205 16 | 218 36 | 220 39 | 215 51 |
| Jiwani ... | 305 09 | 345 06 | 360 22 | 305 16 | 005 09 | 265 26 | 265 19 | 225 57 | 260 43 | 250 67 | 245 67 |
| Karachi ... | 310 08 | 260 06 | 220 05 | 175 02 | 075 03 | 045 06 | 265 21 | 255 52 | 255 55 | — | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | 170 23 | 170 17 | 175 11 | 200 07 | 275 06 | 315 23 | 125 32 | 140 19 | 130 15 | 115 22 | 170 29 |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 275 03 | 285 07 | 285 08 | 290 08 | 305 08 | 320 07 | 330 03 | 225 05 | 200 05 | 160 07 | 190 14 |
| Nawab Shah ... | 190 12 | 205 19 | 190 20 | 190 19 | 175 13 | 220 05 | 215 19 | 200 21 | 215 40 | 220 14 | 240 27 |
| Nokkundi ... | 160 07 | 185 06 | 260 04 | 325 07 | 080 06 | 225 18 | 250 24 | 250 35 | 255 49 | 265 89 | 265 93 |
| Panjgur ... | . | ... | 110 03 | 165 02 | 250 05 | 100 50 | 260 13 | 265 10 | 250 28 | 250 29 | 255 89 |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Parachinar ... | ... | 145 03 | 250 08 | 335 10 | 200 04 | 190 11 | 225 19 | 235 41 | 230 47 | ... | |
| Quetta ... | ... | ... | . | 080 03 | 135 05 | 235 29 | 230 16 | 235 36 | 210 29 | 250 31 | 255 95 |
| Sargodha ... | | ... | ... | | 100 01 | 300 06 | 225 13 | 210 20 | 235 24 | 240 31 | 250 56 |
| Skardu ... | 275 04 | 285 05 | 290 08 | 265 05 | 085 04 | 230 05 | 230 09 | 240 15 | 225 17 | 210 32 | ... |
| Sylhet ... | ... | ... | ... | 050 04 | | ... | ... | — | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | — | — | ... | — | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong — | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi .. | 305 12 | 290 09 | 290 07 | 270 04 | 270 07 | 270 10 | 235 18 | 260 19 | 265 30 | 235 40 | 260 64 | — | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta . | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundards tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

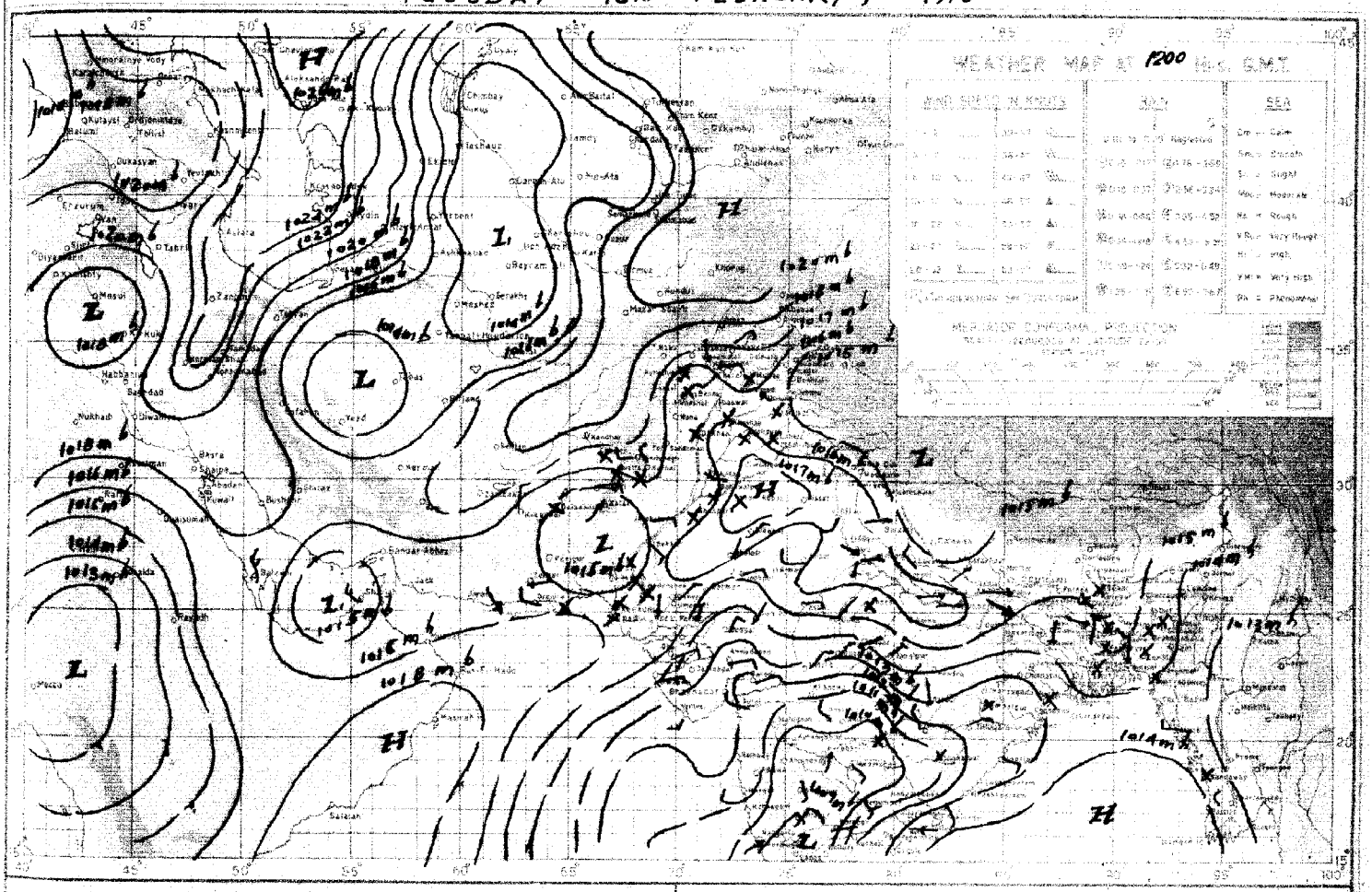
† The actual time of observations may vary within half an hour of the specified time.

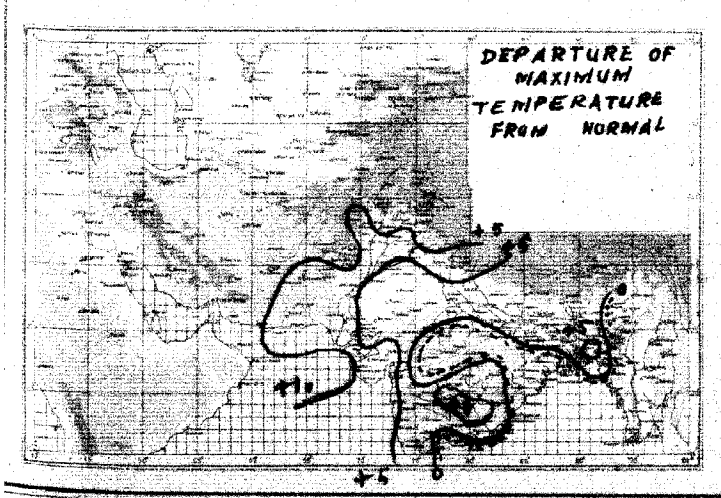
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

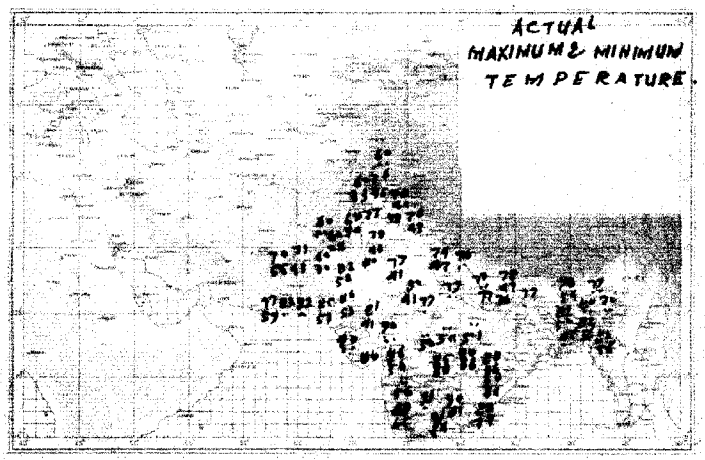
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—II

# PAKISTAN DAILY WEATHER MAP

TUESDAY 10TH FEBRUARY, 1970




REG. No. 024 SWXC-61 [illegible]
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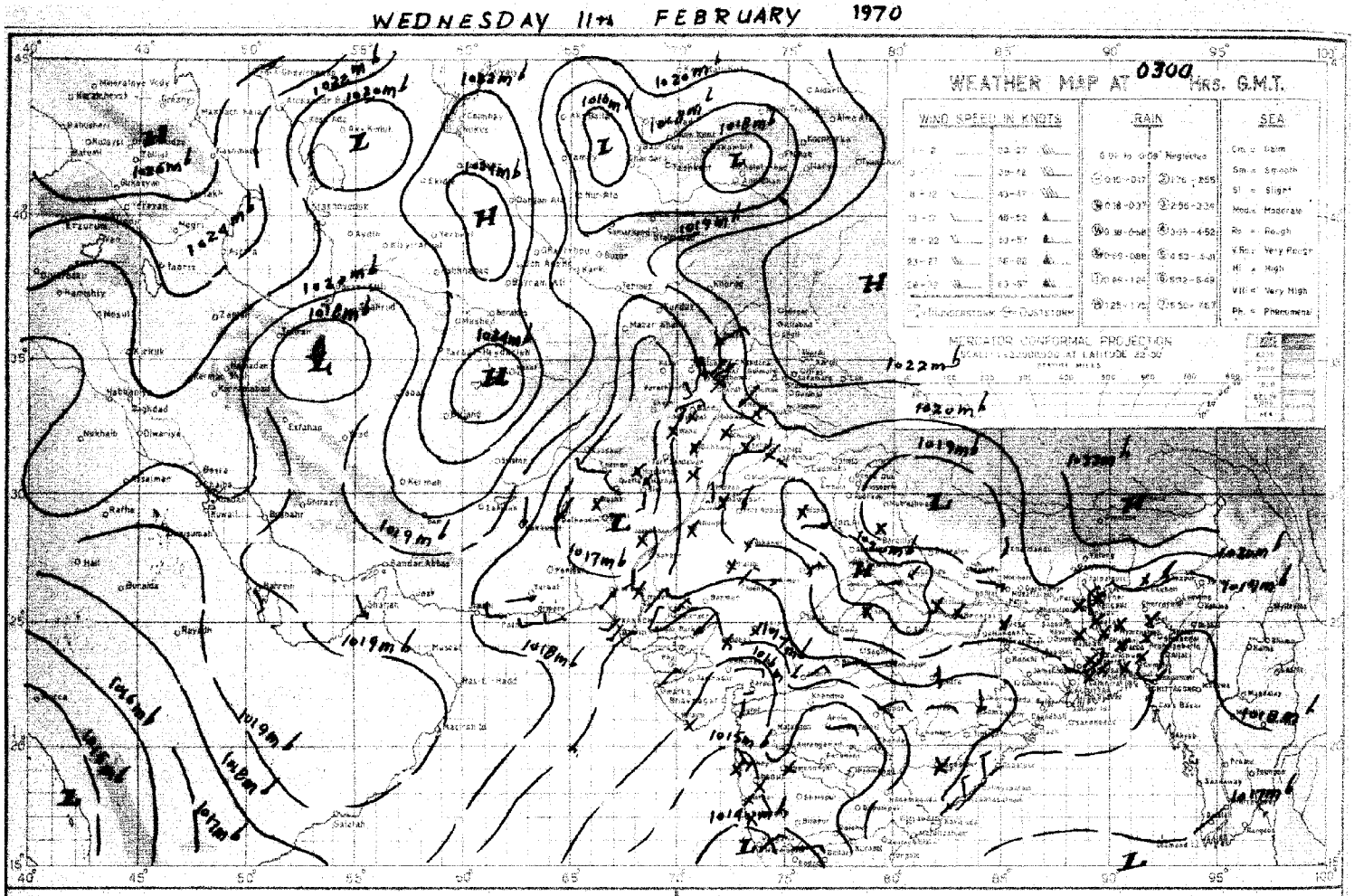
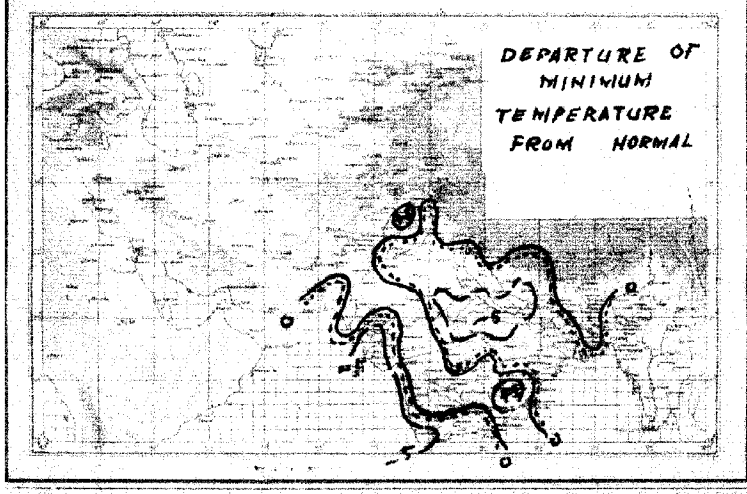
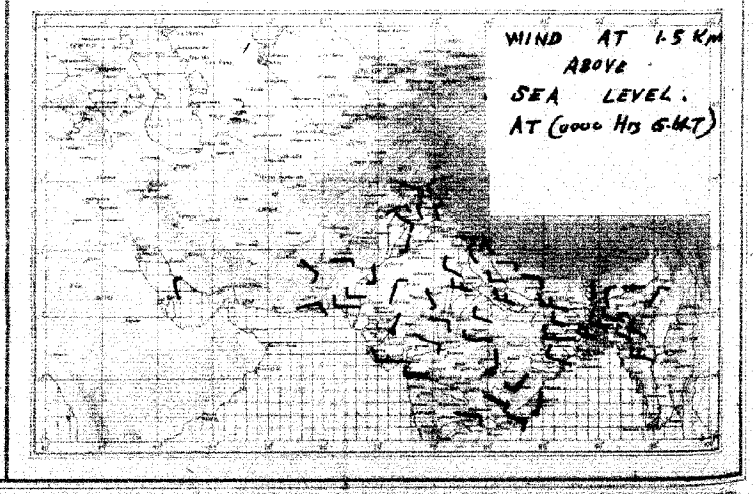
# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th FEBRUARY 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

THURSDAY THE 12th FEBRUARY 1970.

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

The trough of low pressure lies over Peshawar division.

A fresh western disturbance lies over north of central Iran.

Weather remained dry over the country.

Night temperatures were 3—4 °F (2—3 °C) above normal in Quetta, Karachi and Khairpur divisions and to the same extent below normal in Multan, Khulna and Chittagong divisions.

**Forecast valid until the evening of 13th February 1970 :—** A few falls of rain/drizzle with snow over hills likely over Peshawar and Malakand divisions. Weather is likely to be mainly dry elsewhere over the country.

**Earth quake Report:-** Seismograph of geophysical centre Quetta recorded an earthquake of mild intensity on 12th February 1970 at 0000 Hrs. 40 minutes W.P.S.T. Epicentre lies 15 miles north of Quetta in Takator hill.

Karachi-11
The 12th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 36 | 02 | // | 00 | 0 | 148 | 79 | 0 | 0 | 9 | 0 | 0 | 54 | 84 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 05 | // | 00 | 0 | 148 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 80 |
| | Chittagong | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 151 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 81 |
| | Haijdee Court | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 146 | 7/ | 0 | 0 | 9 | 0 | 0 | 50 | 80 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 82 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 66 | 82 |
| | Sylhet | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 146 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 163 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 150 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 84 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 151 | 73 | 0 | 0 | 9 | 0 | 0 | 46 | 80 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 94 | 10 | 0 | 141 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 153 | 73 | 0 | 0 | 9 | 0 | 0 | 50 | 80 |
| | Khulna | 000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 0. | 0 | 152 | 75 | 0 | 0 | 0 | 0 | 0 | 54 | 84 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 152 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 149 | 77 | 0 | 0 | 9 | 0 | 0 | 50 | 80 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 146 | 77 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 155 | 75 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| | Bogra | 000 | 0 | 0 | 31 | 02 | // | 02 | 0 | 157 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 149 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Rangpur | 000 | 0 | 0 | 18 | 02 | 96 | 01 | 0 | 118 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 155 | 73 | 0 | 0 | 9 | 0 | 0 | 32 | 75 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 149 | 75 | 0 | 0 | 9 | 0 | 0 | 30 | 77 |
| | Islamabad | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | /// | 69 | 1 | 2 | 8 | 0 | 0 | 33 | 65 |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 155 | 69 | 0 | 0 | 9 | 0 | 0 | 38 | 73 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 150 | 77 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Sargodha | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 150 | 77 | 0 | 0 | 9 | 0 | 0 | 43 | 78 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 157 | 71 | 0 | 0 | 9 | 0 | 0 | 46 | 77 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 0 | 154 | 77 | 0 | 0 | 9 | 0 | 0 | 32 | 79 |
| | Leiah | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 176 | 69 | 0 | 0 | 9 | 0 | 0 | 30 | 69 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 148 | 78 | 0 | 0 | 9 | 0 | 0 | 26 | 82 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 02 | 98 | 01 | 0 | 135 | 69 | 0 | 0 | 9 | 0 | 0 | 38 | 69 |
| Peshawar | Peshawar | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 148 | 72 | 0 | 0 | 9 | 0 | 1 | 42 | 73 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | 000 | 0 | 0 | 13 | 02 | 99 | 00 | 1 | 144 | 71 | 0 | 0 | 9 | 0 | 0 | 38 | 74 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 148 | 75 | 0 | 0 | 9 | 0 | 0 | 44 | 70 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 148 | 87 | 0 | 0 | 9 | 0 | 0 | 62 | 82 |
| | Nokkundi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 164 | 84 | 0 | 0 | 9 | 0 | 0 | 35 | 84 |
| | Jiwani | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 155 | 76 | 0 | 0 | 9 | 0 | 0 | 61 | 78 |
| | Pasni | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 152 | 80 | 0 | 0 | 0 | 0 | 0 | 73 | 82 |
| Karachi division | Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 88 | 0 | 0 | 8 | 0 | 0 | 36 | 89 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 161 | 77 | 0 | 0 | 9 | 0 | 0 | 62 | 80 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 135 | 82 | 0 | 0 | 9 | 0 | 0 | 34 | 87 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 84 | 0 | 0 | 0 | 0 | 0 | 84 | 84 |
| | Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 140 | 84 | 0 | 0 | 9 | 0 | 0 | 20 | 85 |
| | Hyderabad | 000 | 0 | 0 | 05 | 02 | // | 02 | 0 | 145 | 80 | 0 | 0 | 9 | 0 | 0 | 44 | 88 |
| | Badin | 000 | 0 | 0 | 02 | 01 | 97 | 02 | 0 | 131 | 85 | 0 | 0 | 9 | 0 | 0 | 54 | 88 |
| Khairpur | Padidan | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 145 | 82 | 0 | 0 | 9 | 0 | 0 | 34 | 84 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 152 | 82 | 0 | 0 | 9 | 0 | 0 | 47 | 85 |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 124 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 85 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ** | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 7 | 00 | 00 | 98 | 02 | 2 | 513 | 56 | 7 | 0 | 9 | 7 | 0 | // | 64 |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 05 | 98 | 02 | 0 | 519 | 59 | 0 | 0 | 9 | 0 | 0 | 25 | 66 |
| | Kakul * | 000 | 0 | 0 | 16 | 05 | 99 | 01 | 0 | 516 | 60 | 0 | 0 | 9 | 0 | 0 | 25 | 73 |
| | Landikotal * | 000 | 0 | 0 | 34 | 02 | 98 | 02 | 0 | 426 | 64 | 0 | 0 | 9 | 0 | 0 | 28 | 64 |
| | Parachinar * | 000 | 0 | 3 | 14 | 05 | 98 | 03 | 0 | 517 | 58 | 0 | 0 | 9 | 0 | 3 | 20 | 60 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 525 | 63 | 0 | 0 | 9 | 0 | 0 | 33 | 63 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 465 | 65 | 0 | 0 | 9 | 0 | 0 | 38 | 64 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | 500 | 65 | 0 | 0 | 9 | 0 | 0 | // | 67 |
| | Hindubagh * | 000 | 0 | 0 | 27 | 09 | 58 | 02 | 0 | /// | 49 | 0 | 0 | 9 | 0 | 0 | 24 | 48 |
| | Loralai * | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 480 | 48 | 0 | 0 | 9 | 0 | 0 | 38 | 5 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 494 | 79 | 0 | 0 | 9 | 0 | 0 | 41 | 71 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 34 | 07 | 97 | 02 | 0 | 510 | 59 | 0 | 0 | 9 | 0 | 0 | // | 60 |
| | Chaman * | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 520 | 62 | 0 | 0 | 9 | 0 | 0 | 39 | 66 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 564 | 68 | 0 | 0 | 9 | 0 | 0 | 49 | 68 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 528 | 71 | 0 | 0 | 9 | 0 | 0 | 33 | 73 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 506 | 50 | 0 | 0 | 9 | 0 | 0 | 27 | 60 |
| | Khuzdar * | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 498 | 68 | 0 | 0 | 9 | 0 | 0 | 23 | 71 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 02 | 97 | 46 | 4 | 187 | 69 | 0 | 0 | 9 | 0 | 0 | 51 | 62 |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 07 | 96 | 02 | 0 | 174 | 69 | 0 | 0 | 9 | 0 | 0 | 59 | 60 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 182 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 56 |
| | Haijdee Court | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 184 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 56 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 134 | 68 | 0 | 0 | 9 | 0 | 0 | 67 | 68 |
| | Brahmanbaria | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 185 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 51 |
| | Sylhet | 000 | 0 | 0 | 04 | 03 | 96 | 02 | 0 | 180 | 45 | 0 | 0 | 9 | 0 | 0 | 56 | 56 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 193 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 58 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 195 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 58 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 195 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 58 |
| | Faridpur | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 146 | // | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 186 | 65 | 0 | 0 | 9 | 0 | 0 | 5/ | // |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 58 |
| | Satkhira | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 193 | 68 | 0 | 0 | 9 | 0 | 0 | 47 | 51 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 05 | 4 | 189 | 65 | 0 | 0 | 9 | 0 | 0 | 52 | 49 |
| Rajshahi | Pabna | 000 | 0 | 3 | 01 | 02 | 58 | 02 | 0 | 190 | 65 | 0 | 0 | 9 | 0 | 0 | 51 | 56 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 185 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 49 |
| | Rajshahi | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 194 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 51 |
| | Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 184 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 56 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 201 | 69 | 0 | 0 | 9 | 0 | 0 | 51 | 54 |
| | Rangpur | 009 | 0 | 0 | 05 | 02 | 96 | 01 | 6 | 171 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 10 | 0 | 198 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 45 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 175 | 54 | 0 | 0 | 9 | 0 | 0 | 50 | 53 |
| Rawalpindi | Jhelum | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | /// | 45 | 0 | 0 | 9 | 0 | 1 | 41 | 43 |
| | Islamabad | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | /// | 59 | 2 | 3 | 8 | 0 | 0 | 33 | 47 |
| | Rawalpindi | 000 | 0 | 1 | 00 | 00 | 97 | 00 | 0 | 209 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 43 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 206 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 |
| | Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lyallpur | 000 | 0 | 0 | 07 | 02 | 95 | 00 | 0 | 197 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 43 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 09 | 02 | 96 | 02 | 0 | 191 | 50 | 0 | 0 | 9 | 0 | 0 | 38 | 41 |
| | Leiah | 000 | 0 | 0 | 36 | 01 | 96 | 00 | 0 | 174 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | // |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 169 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | // |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 200 | 61 | 0 | 0 | 9 | 0 | 0 | 32 | 49 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 56 | 0 | 0 | 9 | 0 | 0 | 45 | // |
| Malakand | Chakdra | 000 | 0 | 0 | 05 | 07 | 90 | 02 | 0 | 205 | 40 | 0 | 0 | 9 | 0 | 0 | 32 | 35 |
| Peshawar | Peshawar | 000 | 0 | 2 | 18 | 01 | 97 | 03 | 0 | 194 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 35 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 189 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 43 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 27 | 01 | 99 | 01 | 1 | 198 | 51 | 0 | 0 | 9 | 0 | 0 | 30 | 47 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 198 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 43 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 191 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 48 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 191 | 55 | 0 | 0 | 9 | 0 | 0 | 32 | 53 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 204 | 60 | 0 | 0 | 9 | 0 | 0 | 44 | 58 |
| | Jiwani | 000 | 0 | 0 | 31 | 03 | 96 | 03 | 0 | 178 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 60 |
| | Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 184 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | // |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 176 | 65 | 0 | 0 | 9 | 0 | 0 | 63 | 69 |
| | Karachi (Airport) | 000 | 0 | 2 | 31 | 02 | 96 | 03 | 0 | 178 | 55 | 0 | 0 | 9 | 0 | 0 | 47 | 51 |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chhor | 000 | 0 | 0 | 09 | 07 | 96 | 02 | 0 | 175 | 51 | 0 | 0 | 9 | 0 | 0 | 23 | 46 |
| | Hyderabad | 000 | 0 | 1 | 00 | 00 | 97 | 03 | 0 | 181 | 56 | 1 | 0 | 9 | 3 | 0 | 49 | 55 |
| | Badin | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 176 | 52 | 0 | 0 | 9 | 0 | 0 | 38 | 48 |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 163 | 47 | 0 | 0 | 9 | 0 | 0 | 37 | 45 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 190 | 48 | 0 | 0 | 9 | 0 | 0 | 37 | 44 |
| | Sukkur | 000 | 0 | 0 | 00 | 00 | 94 | 05 | 4 | 184 | 58 | 0 | 0 | 9 | 0 | 0 | 58 | 53 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 9 | 00 | 00 | 98 | 02 | 0 | 184 | 55 | 0 | 0 | 9 | 0 | 0 | 36 | 52 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ** | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 557 | 38 | 0 | 0 | 9 | 0 | 0 | 58 | 36 |
| Peshawar | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 530 | 45 | 0 | 0 | 9 | 0 | 0 | 24 | 43 |
| | Kakul * | 000 | 0 | 1 | 07 | 02 | 98 | 01 | 0 | 537 | 49 | 0 | 0 | 9 | 0 | 2 | 27 | 45 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Parachinar * | 000 | 0 | 0 | 00 | 00 | 99 | 03 | 0 | 546 | 43 | 0 | 0 | 9 | 0 | 4 | 23 | 33 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 530 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 40 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 519 | 42 | 0 | 0 | 9 | 0 | 0 | 40 | 32 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 528 | 39 | 0 | 0 | 9 | 0 | 0 | 25 | 33 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | /// | 37 | 0 | 0 | 9 | 0 | 0 | 26 | // |
| | Loralai * | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 485 | 36 | 0 | 0 | 9 | 0 | 0 | 35 | 36 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 498 | 48 | 0 | 0 | 9 | 0 | 0 | 34 | 46 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 547 | 29 | 0 | 0 | 9 | 0 | 0 | 22 | 27 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 544 | 43 | 0 | 0 | 9 | 0 | 0 | 31 | 41 |
| | Nushki * | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 500 | 55 | 0 | 0 | 9 | 0 | 0 | 29 | 50 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 522 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | 42 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 546 | 32 | 0 | 0 | 9 | 0 | 0 | 21 | 32 |
| | Khuzdar * | 005 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 518 | 45 | 0 | 0 | 9 | 0 | 0 | 14 | 43 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| Divisions (1) | Stations (2) | Departure from Normal of: Maximum temperature TxTx (37) | Departure from Normal of: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | — 2 | + 1 | 0.7 | — 3.7 | 0.0 | 140 |
| | Chittagong | — 1 | — 2 | 1.3 | — 1.9 | 0.1 | 108 |
| | Haijdee Court | 0 | — 5 | 1.0 | — 1.3 | 0.7 | 115 |
| | Comilla | + 1 | — | 1.3 | — 0.7 | 0.8 | 94 |
| | Brahmanbaria | — | — | 2.0 | — 0.3 | 0.7 | 78 |
| | Sylhet | — | — | 3.6 | — | 2.1 | — |
| | Srimangal | — | | | | | 98 |
| Dacca | Mymensingh | + 2 | + 2 | 1.1 | — 0.3 | 0.9 | 91 |
| | Narayanganj | + 3 | 0 | 2.5 | + 0.7 | 1.1 | 74 |
| | Dacca (Tezgaon) | — | — | 1.9 | — | 0.6 | — |
| | Faridpur | + 1 | — 1 | 2.3 | + 0.3 | 0.7 | 71 |
| Khulna | Barisal | — 1 | — | 0.9 | — 1.5 | 0.1 | 81 |
| | Khulna | — | — | 1.5 | — 0.6 | 0.1 | 48 |
| | Satkhira | 0 | — 6 | 0.2 | — 1.5 | 0.0 | 65 |
| | Jessore | — | — | — | — | — | 65 |
| Rajshahi | Pabna | — | — | 2.9 | — | 1.9 | 59 |
| | Sirajganj | + 1 | — 4 | 1.9 | + 0.4 | 1.5 | 64 |
| | Rajshahi | + 1 | — 3 | 4.1 | + 2.8 | 1.4 | — |
| | Bogra | + 1 | + 2 | 1.7 | + 0.2 | 0.5 | 69 |
| | Dinajpur | + 2 | 0 | 1.6 | + 0.1 | 0.8 | 72 |
| | Rangpur | + 3 | + 2 | 2.3 | + 1.1 | 0.7 | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | + 4 | + 2 | 0.7 | — 1.2 | 0.7 | 19 |
| | Sialkot | — | + 10 | — | | — | 32 |
| Rawalpindi | Jhelum | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | — | — | 5.3 | — | 5.3 | — |
| | Rawalpindi | + 10 | + 2 | 2.9 | — 2.1 | 2.7 | 36 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | + 11 | — 2 | 0.3 | — 1.3 | 0.3 | 15 |
| | Sargodha | | | | | | — |
| | Lyallpur | + 8 | 0 | 0.3 | — 0.5 | 0.3 | 12 |
| Multan | Sahiwal | | | | | | 10 |
| | Multan | + 8 | — 4 | 0.1 | — 0.7 | 0.1 | 7 |
| | Leiah | — | | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | + 5 | — | 0.7 | + 0.1 | 0.4 | 6 |
| | Bahawalpur | — | — 9 | — | — | — | 6 |
| | Fort Abbas | — | — | 0.0 | — | 0.0 | 8 |
| Malakand | Chakdra | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | + 8 | + 8 | 1.5 | — 1.5 | 1.0 | 11 |
| | Haripur | — | — | 2.9 | — | 1.9 | — |
| D. I. Khan | Bannu | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | + 9 | + 2 | 1.1 | — 0.1 | 1.1 | 9 |
| Quetta | Sibi | — | — | 0.0 | — | 0.0 | 3 |
| | Nokkundi | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | — | — | 0.3 | — | 0.3 | — |
| | Jiwani | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | + 6 | | | | | 6 |
| Karachi division | Ormara | — | — | 2.2 | — 0.9 | 2.3 | 6 |
| | Lasbela | — | | | | | 8 |
| | Karachi (Manora) | + 4 | + 4 | 0.3 | — 0.6 | 0.3 | 8 |
| | Karachi (Airport) | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | — | | | | | — |
| | Chhor | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | + 9 | + 2 | 0.1 | — 0.3 | 0.1 | 9 |
| | Badin | + 6 | — 7 | 0.1 | — 0.5 | 0.1 | — |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | 4 |
| | Jacobabad | — | + 3 | 0.1 | — 0.4 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | **HILL STATIONS** | | | | | | — |
| Kashmir | Srinagar ** | | | | | | 71 |
| | Gulmarg ** | | | | | | 34 |
| | Sonamarg ** | | | | | | 3 |
| | Dras ** | | | | | | 6 |
| | Leh ** | | | | | | — |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | 5 |
| | Aliabad * | | | | | | 50 |
| | Gilgit * | | | | | | |
| Rawalpindi | Murree * | | | | | | 18 |
| Malakand | Drosh * | + 14 | — | — | — | — | 29 |
| Peshawar | Cherat * | + 15 | + 3 | 1.9 | — 3.8 | 1.7 | — |
| | Kakul * | — | — | 5.4 | — | 4.3 | — |
| | Landikotal * | — | | | | | 29 |
| | Parachinar * | + 9 | + 2 | 2.2 | — | 1.6 | 18 |
| D.I. Khan | Miranshah * | — | 0 | 0.0 | — 0.1 | 0.0 | 11 |
| | Wana * | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | + 9 | — 1 | 0.4 | — 1.4 | 0.4 | — |
| | Hindubagh * | — | — | 1.1 | — | 0.9 | 9 |
| | Loralai * | — | — | 0.3 | — | 0.3 | — |
| | Barkhan * | — | | | | | 14 |
| | Harnai * | — | — | 0.7 | — 1.7 | 0.7 | 9 |
| | Samungli (Quetta) * | — | — | 1.9 | — 3/2 | 1.2 | 9 |
| | Chaman * | + 10 | + 4 | 7.7 | + 3.3 | 7.7 | — |
| | Nushki * | — | — | 2.9 | — | 2.9 | 4 |
| | Dalbandin * | + 8 | + 2 | 2.3 | 0.0 | 2.2 | 7 |
| Kalat | Kalat * | + 7 | + 1 | 0.9 | — 2.3 | 0.9 | — |
| | Khuzdar * | — | — | 1.0 | — | 0.7 | 5 |
| | Panjgur * | | | | | | — |

† Given in Code.

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

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

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

When ever 999 is given 000 see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 12th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99L$_a$L$_o$L$_o$ | Q$_c$L$_o$L$_o$L$_o$ | YYGG$_w$ | N dd FF | VV $_{ww}$ W | PPP TT | N$_h$C$_l$hC$_M$C$_H$ | D$_v$V$_a$ a PP | 7RR t$_R$t$_R$ | 8N$_s$Ch$_s$ h$_s$ | OT$_s$T$_s$T$_d$T$_d$ | 1T$_w$T$_w$T$_{wt}$T | 3P$_w$P$_w$H$_w$H$_w$ | d$_w$P$_w$H$_w$H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Doniro | 99 2 16 | 18 6 94 | 11 0 04 | 03 1 04 | 98 0 20 | 15 7 24 | 00 9 00 | 73 5 00 | | | 01 0 15 | | 30 1 01 | |
| Durmr | 99 2 34 | 10 6 73 | 11 1 83 | 03 4 08 | 99 9 20 | 16 2 23 | 00 9 00 | 73 6 12 | | | 05 1 17 | | 30 2 01 | 36 5 01 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface (P$_o$P$_o$P$_o$ T$_o$T$_o$T$_o$ D$_o$D$_o$) | 1000 mb (hhh TTT$_a$ DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 018 156 58 | ... | 500 042 50 | 096 018 24 | 574 165 57 | 742 185 57 | 558 319 49 | 216 583 | 392 707 / / | 624 873 / / | ... | ... | ... |
| Dacca | 00 00 | 017 160 58 | ... | 500 086 68 | 105 038 / / | 575 139 / / | 742 199 / / | 952 323 / / | 224 507 / / | 494 665 / / | 643 773 / / | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 013 160 57 | ... | 400 060 50 | 039 061 / / | 559 211 / / | 712 281 / / | 924 381 / / | 196 471 / / | ... | ... | ... | ... | ... |
| Multan | 00 00 | 003 136 02 | ... | 500 036 22 | 043 055 / / | 561 281 / / | 725 235 / / | 938 381 / / | 245 481 / / | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 976 078 40 | ... | 400 070 40 | 058 031 40 | 555 185 / / | 718 287 / / | 917 435 / / | 183 549 / / | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 025 050 56 | ... | | 128 014 / / | 578 209 36 | 748 161 / / | 959 286 / / | 243 401 / / | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 996 090 56 | ... | 445 074 57 | 063 041 59 | 563 201 / / | 725 505 / / | 925 401 / / | 194 525 / / | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT T$_s$DD | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | P$_m$P$_m$P$_m$ d$_m$d$_m$ f$_m$f$_m$f$_m$ | P$_t$T$_t$P$_t$T$_t$T$_{td}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 999 090 56 | 800 068 57 | 688 061 / / | 350 266 / / | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 120 74 | 800 064 72 | 600 049 / / | 350 235 / / | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | | | | | | | | | | | | | |
| Multan | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | |
| Quetta | 00 00 | 800 044 / / | 600 033 / / | 350 219 / / | 250 357 / / | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. —> | At 1200 hrs. G.M.T.† of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T.† of date (dd ff) | | | | | | At 0600 hrs. G.M.T.† of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 350 10 | 350 09 | 310 09 | 310 10 | 310 21 | 315 33 | ... | | ... | 360 12 | 360 08 | 155 06 | 351 12 | 355 11 | 320 09 | 355 06 | 340 07 | 340 09 | 340 11 | 330 15 | 335 08 | 255 10 | 195 11 | 210 10 | 255 23 | 260 39 |
| Bogra | 325 10 | 205 12 | 305 11 | 295 09 | 285 06 | 300 13 | 090 06 | 010 08 | 330 17 | 360 11 | 010 05 | 360 03 | 330 04 | 300 08 | 250 09 | 360 17 | 020 06 | 030 09 | 350 09 | 300 15 | 290 12 | 255 10 | 265 16 | ... | ... | ... |
| Chaklala | ... | 145 04 | 140 04 | 125 05 | 150 04 | 150 07 | 325 21 | 240 21 | 240 27 | ... | 045 03 | 090 01 | 090 02 | 140 03 | 215 05 | ... | 360 02 | 170 04 | 145 02 | 205 07 | 165 06 | 205 24 | 215 13 | 215 18 | 240 23 | 240 42 |
| Chhor | 340 09 | 360 10 | 260 13 | 360 13 | 005 12 | 285 09 | 270 21 | 260 36 | 275 41 | 355 14 | 330 23 | 355 30 | 335 14 | ... | ... | 055 11 | 040 14 | 005 15 | 340 17 | 005 15 | 358 15 | 295 21 | 318 27 | 305 36 | 325 35 | ... |
| Chittagong | 285 10 | 305 11 | 320 09 | 005 08 | 310 17 | 295 12 | 305 27 | 350 02 | 380 29 | ... | ... | ... | ... | ... | ... | 330 02 | 325 06 | 325 07 | 150 08 | 100 08 | 020 03 | 090 05 | 245 07 | 225 17 | ... | ... |
| Charsa | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 330 14 | 335 09 | 015 09 | 335 15 | 320 02 | ... | ... | ... | ... | 010 17 | 005 18 | 005 13 | 020 11 | 015 18 | ... | 360 18 | 355 13 | 355 12 | 010 15 | 030 06 | 120 08 | 155 12 | 160 10 | 070 10 | 040 23 | ... |
| Dacca | 300 08 | 290 15 | 310 15 | 320 08 | 345 10 | 310 13 | 330 18 | 320 27 | 320 13 | 340 12 | 340 12 | 330 13 | /// / / | 260 04 | ... | 005 06 | 015 08 | 030 07 | 325 06 | 290 05 | 170 05 | 225 12 | 235 19 | 280 68 | 245 77 | 275 40 |
| Dalbandin | ... | ... | 090 04 | 085 07 | 070 05 | 315 08 | 295 16 | 280 21 | 280 20 | ... | ... | 105 01 | 180 03 | 145 01 | 355 03 | ... | ... | 080 08 | 120 05 | 005 03 | 340 15 | 310 25 | 305 29 | 300 43 | 280 29 | 290 45 |
| D. I. Khan | 175 02 | 165 04 | 165 04 | 175 04 | 175 03 | 250 12 | 235 08 | 235 24 | 280 12 | 290 06 | 275 03 | 255 03 | 255 01 | 310 04 | 235 08 | 220 04 | 250 08 | 320 09 | 215 05 | 210 05 | 260 03 | 270 09 | 275 03 | 271 04 | 275 24 | 275 24 |
| Drosh | ... | ... | ... | 005 04 | 245 08 | 135 05 | 210 08 | | | ... | ... | ... | 140 01 | 175 02 | 230 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 335 23 | 310 09 | 214 26 | 195 07 | 235 25 | 235 55 | ... | ... | ... | 045 03 | 320 08 | 320 10 | ... | ... | ... | 330 04 | 230 03 | 295 18 | 295 07 | 215 12 | 260 12 | 290 43 | 270 58 |
| Gilgit | ... | ... | ... | 015 01 | 005 06 | 325 11 | 325 03 | ... | | ... | ... | ... | 010 03 | 015 02 | ... | | | | | | | | | | | |
| Jahurdi | 285 10 | 290 06 | 305 04 | 300 11 | 305 14 | 295 11 | ... | ... | ... | 025 07 | 010 07 | 310 07 | 290 07 | 290 12 | ... | 330 04 | 325 05 | 345 04 | 320 15 | 320 15 | 230 08 | ... | ... | ... | ... | ... |
| Jacobabad | 180 05 | 210 04 | 210 05 | 205 01 | 315 04 | 290 07 | 255 13 | 245 19 | 250 23 | 160 04 | 170 05 | 190 19 | 305 07 | 230 04 | 255 02 | | | | | | | | | | | |
| Jessore | 325 12 | 335 09 | 315 10 | 310 13 | 315 15 | 310 25 | ... | | ... | 360 08 | 345 04 | 345 10 | 335 15 | 335 13 | 320 16 | 010 07 | 345 09 | 335 12 | 330 17 | 335 29 | 330 24 | 270 09 | 240 10 | 340 09 | 270 28 | 280 63 |
| Jhelum | 190 02 | 320 03 | 245 02 | 120 02 | 195 05 | 215 09 | 240 08 | 225 28 | 230 34 | 340 01 | 320 02 | 320 03 | 130 03 | 145 06 | 190 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 245 08 | 235 07 | 315 05 | 275 07 | 325 09 | 315 15 | 315 12 | 305 16 | 285 21 | 295 16 | 290 17 | 225 17 | 240 08 | 055 06 | 330 07 | 300 12 | 295 10 | 290 07 | 320 02 | 045 03 | 015 11 | 340 14 | 335 16 | 330 15 | 285 17 | 270 21 |
| Karachi | 240 15 | 240 12 | 260 09 | 300 08 | 340 05 | 300 13 | 285 27 | 245 41 | 260 39 | | | | | | | 010 03 | 320 06 | 325 05 | 090 05 | 030 05 | 330 10 | 330 12 | 340 17 | 330 15 | ... | ... |
| Khanpur | 150 05 | 140 04 | 090 05 | 055 11 | 040 01 | 145 03 | 185 02 | 335 14 | 225 19 | 145 05 | 135 04 | 155 03 | 270 05 | 245 08 | 250 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 295 04 | 190 04 | 245 03 | 140 37 | 190 04 | 250 11 | | | | 330 04 | 310 01 | 280 14 | 315 03 | 305 04 | 305 04 | 305 04 | 330 03 | 290 03 | 220 05 | 210 10 | 255 04 | 235 21 | 245 54 |
| Lahore | 275 03 | 275 03 | 290 03 | 315 03 | 355 03 | 115 01 | 200 05 | 145 09 | 190 19 | 345 03 | 345 03 | 340 04 | 355 04 | 360 07 | 345 05 | 200 09 | 180 13 | 120 15 | 120 21 | 100 17 | 060 05 | 350 09 | 350 16 | 300 13 | 270 27 | 285 44 |
| Multan | 150 08 | 150 09 | 170 10 | 310 08 | 235 05 | 205 09 | 170 15 | 205 13 | 215 14 | 330 11 | 315 30 | 145 08 | 145 02 | 320 03 | 275 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah | 145 02 | 125 02 | 075 01 | 340 05 | 300 08 | 305 10 | 270 30 | 265 44 | 265 23 | 330 04 | 140 03 | 205 04 | 265 06 | 330 13 | 225 07 | | | 090 05 | 150 03 | 160 02 | 165 07 | 200 17 | 280 09 | 320 15 | ... | ... |
| Nokkundi | ... | ... | 105 03 | 085 01 | 035 02 | 335 08 | 320 19 | 280 17 | 280 15 | ... | ... | 120 66 | 150 06 | 170 08 | 200 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 055 02 | 145 02 | 160 03 | 245 02 | 170 33 | 249 13 | 175 04 | 245 31 | ... | 305 03 | 335 02 | 015 03 | 040 02 | 330 03 | ... | 045 02 | 140 06 | 340 04 | 335 02 | 270 04 | 245 08 | 235 15 | 250 58 | 275 19 | ... |
| Parachinar | ... | ... | ... | 150 03 | 125 04 | 245 14 | 245 31 | 245 31 | 245 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 195 08 | 220 07 | 245 37 | 255 36 | 245 37 | | | | | | | | | | | 355 15 | 315 04 | 300 36 | 305 29 | ... | ... | ... |
| Sargodha | 245 03 | 250 01 | 255 02 | 270 01 | 065 01 | 270 08 | 275 06 | 285 10 | 280 17 | 225 03 | 285 04 | 315 04 | 350 05 | 335 06 | 300 06 | 330 05 | /// / / | /// / / | 015 02 | 010 05 | 240 02 | 250 12 | 285 19 | 280 22 | ... | ... |
| Skardu | ... | ... | ... | 230 01 | 290 02 | 155 04 | 165 10 | 205 16 | 225 20 | | | | 255 03 | 273 04 | 140 09 | | | | 056 07 | 210 02 | | | | | ... | ... |
| Sylhet | 305 04 | 305 04 | 245 03 | 340 02 | 240 01 | 320 01 | ... | ... | ... | 065 06 | 065 05 | 055 09 | 095 08 | 105 08 | 190 07 | 085 03 | 050 04 | 050 05 | 070 09 | 135 12 | 245 08 | 235 13 | 230 19 | 290 46 | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 285 12 | 285 16 | 270 17 | 260 16 | 040 14 | 343 12 | 246 23 | 250 90 | 275 30 | 245 93 | 246 32 | ... | ... | ... | ... | ... | ... | ... |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

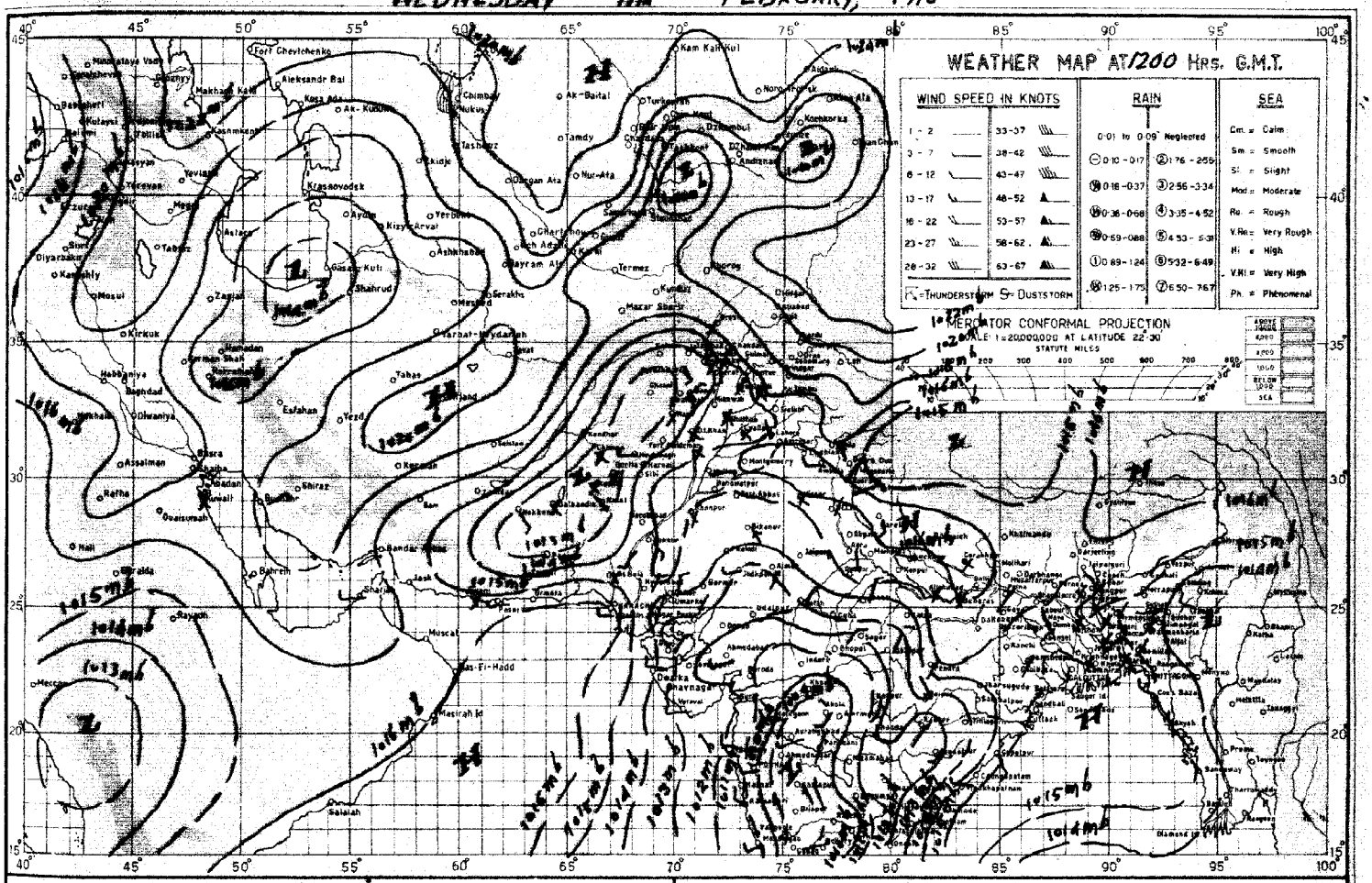
† The actual time of observations may vary within half an hour of the specified time.

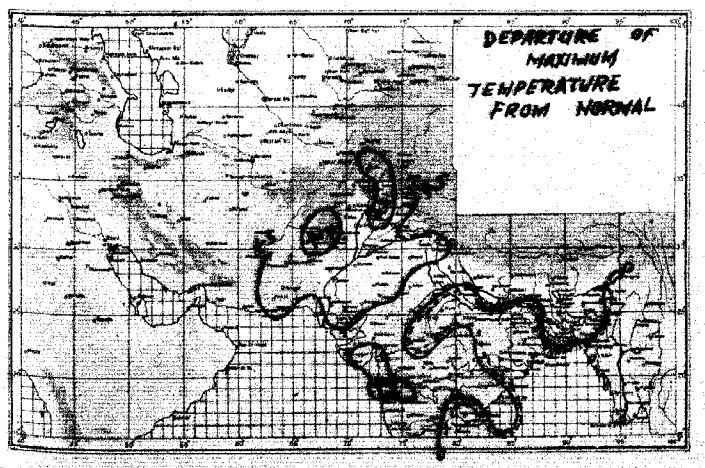
* The first two figures in each column give the wind direction "dd" in tens of degree measuring from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

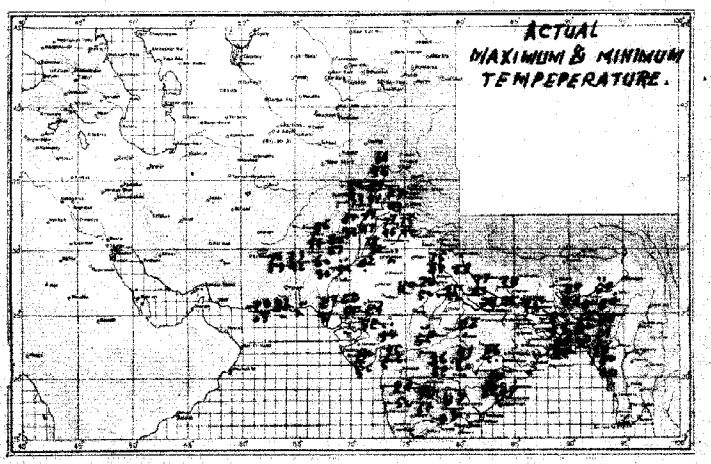
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Force), KARACHI-11.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th FEBRUARY, 1970

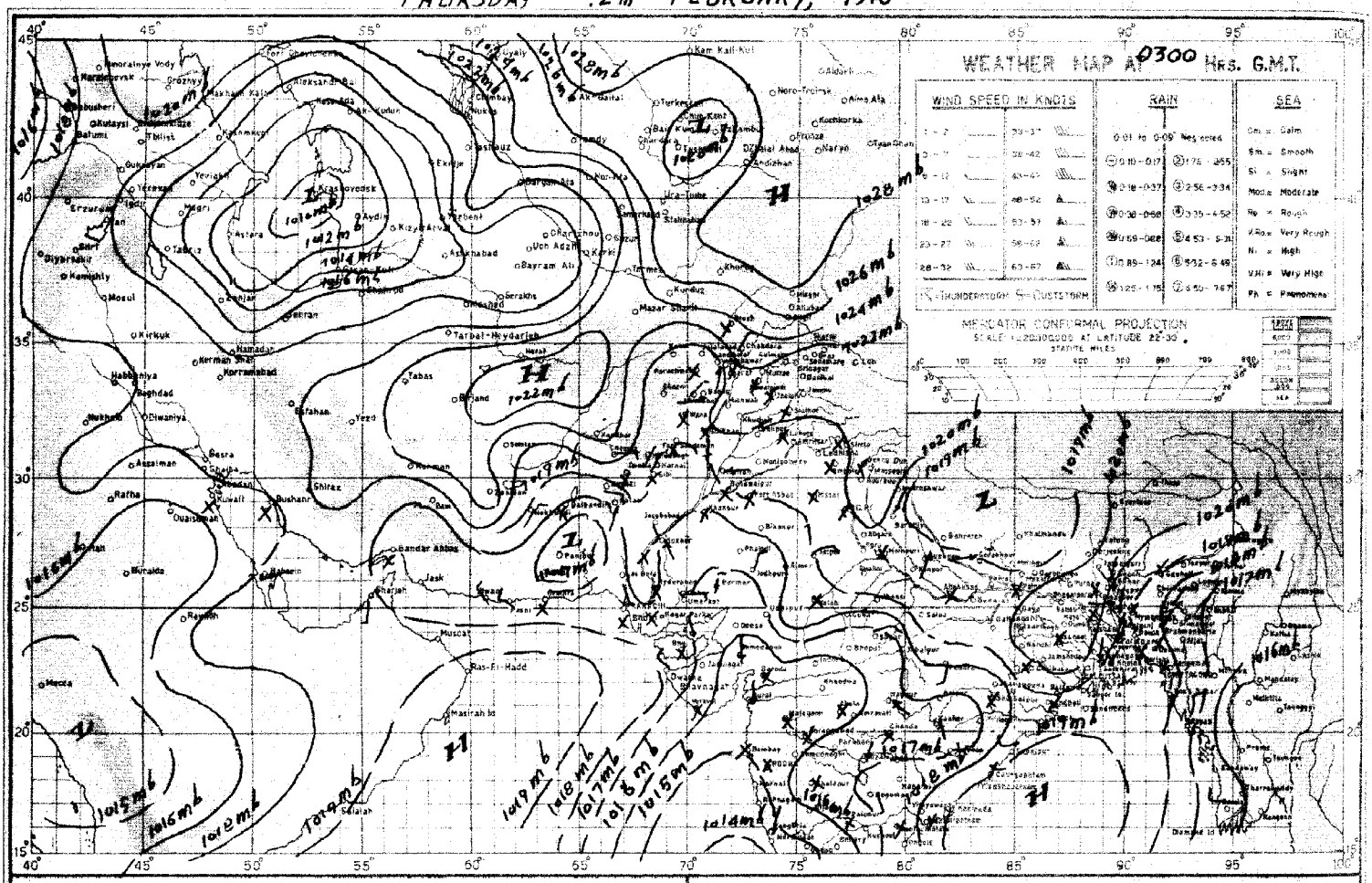


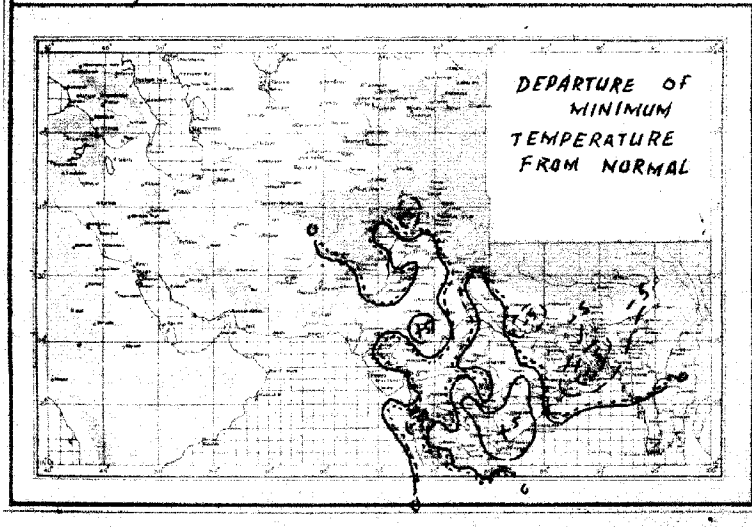



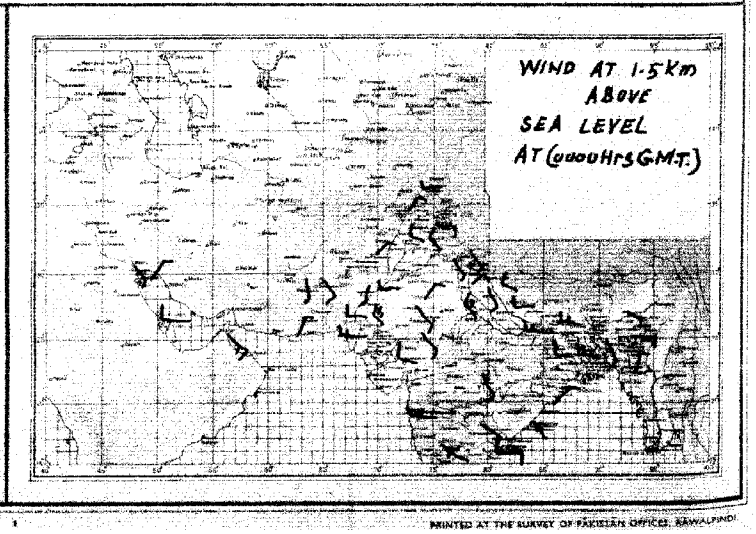



# PAKISTAN DAILY WEATHER MAP

THURSDAY 12th FEBRUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 13th FEBRUARY 1970.**

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

Trough of low pressure moved away east wards across Peshawar division. The western disturbance over north of central Iran has shifted East wards.

A trough of low pressure lies over Kalat division. The westerly low pressure wave is now moving across west Bengal.

Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) below normal in Khulna, Multan, Bahawalpur and Hyderabad divisions and were 3—4 °F (2 °C) above normal in Rajshahi, D. I. Khan and Quetta divisions.

**Forecast valid until the evening of 14th February 1970 :—** Rain/drizzle will be scattered in Quetta division. A few falls of rain/thundershowers likely in Dacca and Rajshahi divisions. Weather will remain dry elsewhere over the country.

Karachi-11
The 13th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 02 | // | 00 | 4 | 135 | 77 | 0 | 0 | 9 | 0 | 0 | 52 | 86 |
| | Cox's Bazar | 000 | 0 | 0 | 33 | 05 | // | 02 | 0 | 133 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 82 |
| | Chittagong | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 133 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 125 | 80 | 0 | 0 | 9 | 0 | 0 | 49 | 82 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 137 | 78 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 134 | 77 | 0 | 0 | 9 | 0 | 0 | 66 | 82 |
| | Sylhet | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 129 | 76 | 0 | 0 | 9 | 0 | 1 | 54 | 82 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 153 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 123 | 74 | 0 | 0 | 9 | 0 | 1 | 60 | 82 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 130 | 79 | 0 | 0 | 9 | 0 | 0 | 59 | 82 |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 133 | 77 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 144 | 77 | 0 | 0 | 9 | 0 | 0 | 38 | 80 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 135 | 76 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 142 | 77 | 0 | 0 | 9 | 0 | 1 | 46 | 84 |
| | Jessore | 000 | 0 | 0 | 33 | 03 | 97 | 02 | 0 | 139 | 78 | 0 | 0 | 9 | 0 | 0 | 51 | 82 |
| Rajshahi | Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 129 | 78 | 0 | 0 | 9 | 0 | 0 | 52 | 80 |
| | Rajshahi | 000 | 0 | 0 | 27 | 02 | 95 | 02 | 0 | 141 | 73 | 0 | 0 | 9 | 0 | 0 | 49 | 82 |
| | Bogra | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 125 | 74 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 158 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 116 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 161 | 74 | 0 | 0 | 9 | 0 | 0 | 37 | 76 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 155 | 74 | 0 | 0 | 9 | 0 | 0 | 37 | 77 |
| | Islamabad | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | /// | 70 | 2 | 4 | 6 | 5 | 0 | 30 | 70 |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 162 | 70 | 0 | 0 | 9 | 0 | 0 | 32 | 74 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 160 | 76 | 0 | 0 | 9 | 0 | 0 | 48 | 78 |
| | Sargodha | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 163 | 74 | 0 | 0 | 9 | 0 | 0 | 33 | 77 |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 165 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 144 | 76 | 0 | 0 | 9 | 0 | 0 | 37 | 78 |
| | Leiah | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 148 | 62 | 0 | 0 | 9 | 0 | 0 | 33 | 66 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 26 | 02 | 97 | 02 | 0 | 160 | 77 | 0 | 0 | 9 | 0 | 0 | 32 | 80 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 143 | 75 | 0 | 0 | 9 | 0 | 0 | 68 | 76 |
| Malakand | Chakdra | 000 | 0 | 4 | 23 | 02 | 98 | 02 | 0 | 147 | 78 | 0 | 0 | 9 | 0 | 0 | 55 | 70 |
| Peshawar | Peshawar | 0:8 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 160 | 72 | 0 | 0 | 9 | 0 | 0 | 42 | 74 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 171 | 77 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 153 | 84 | 0 | 0 | 9 | 0 | 0 | 52 | 85 |
| | Nokkundi | 000 | 0 | 0 | 13 | 03 | 97 | 03 | 0 | 245 | 77 | 3 | 0 | 9 | 3 | 0 | 33 | 77 |
| Kalat | Turbat | 000 | 0 | 0 | 21 | 02 | 98 | 00 | 0 | 164 | 85 | 0 | 0 | 9 | 0 | 0 | 41 | 85 |
| | Jiwani | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 153 | 75 | 0 | 0 | 9 | 0 | 0 | 69 | 77 |
| | Pasni | 000 | 0 | 0 | 25 | 10 | 97 | 02 | 0 | 155 | 78 | 0 | 0 | 0 | 0 | 0 | 74 | 80 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 152 | 83 | 0 | 0 | 9 | 0 | 0 | 47 | 83 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 03 | 97 | 03 | 0 | 157 | 76 | 0 | 0 | 9 | 0 | 0 | 66 | 80 |
| | Karachi (Airport) | 000 | 0 | 1 | 23 | 03 | 96 | 03 | 0 | 143 | 83 | 0 | 0 | 9 | 0 | 1 | 35 | 87 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 161 | 84 | 0 | 0 | 0 | 0 | 0 | 84 | 84 |
| | Chhor | 000 | 0 | 0 | 36 | 09 | 96 | 02 | 0 | 144 | 85 | 0 | 0 | 9 | 0 | 0 | 22 | 88 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | // | 03 | 0 | 151 | 84 | 1 | 0 | 9 | 3 | 0 | 39 | 87 |
| | Badin | 000 | 0 | 0 | 05 | 04 | 97 | 02 | 0 | 149 | 84 | 0 | 0 | 9 | 0 | 0 | 15 | 89 |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 136 | 84 | 0 | 0 | 9 | 0 | 0 | 29 | 83 |
| | Nawabshah | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 160 | 82 | 0 | 0 | 9 | 0 | 0 | 50 | 86 |
| | Sukkur | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 151 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 85 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 7 | 31 | 03 | 98 | 02 | 2 | 327 | 58 | 1 | 2 | 7 | 0 | 0 | 17 | 66 |
| Peshawar | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 327 | 58 | 0 | 0 | 9 | 0 | 0 | 23 | 62 |
| | Kakul * | 000 | 0 | 4 | 30 | 02 | 91 | 03 | 1 | 324 | 60 | 0 | 0 | 9 | 0 | 5 | 26 | 65 |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 435 | 66 | 0 | 0 | 9 | 0 | 0 | 23 | 66 |
| | Parachinar * | 000 | 0 | 1 | 16 | 05 | 98 | 02 | 0 | 527 | 52 | 1 | 1 | 7 | 0 | 0 | 21 | 60 |
| D.I. Khan | Miranshah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 482 | 45 | 0 | 0 | 9 | 0 | 0 | 58 | 65 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 514 | 64 | 0 | 0 | 9 | 0 | 0 | // | 65 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 24 | 42 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 455 | 48 | 0 | 0 | 9 | 0 | 0 | 35 | 49 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 587 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 72 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 517 | 59 | 0 | 0 | 9 | 0 | 0 | 21 | 60 |
| | Chaman * | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 520 | 62 | 3 | 3 | 9 | 1 | 7 | // | 66 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 579 | 71 | 0 | 0 | 9 | 0 | 0 | 40 | 69 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 523 | 73 | 0 | 0 | 9 | 0 | 0 | 30 | // |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 515 | 52 | 0 | 0 | 9 | 0 | 0 | 27 | 62 |
| | Khuzdar * | 000 | 0 | 0 | 02 | 00 | 97 | 02 | 0 | 510 | 68 | 0 | 0 | 9 | 0 | 0 | 11 | 71 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 0 | 13 | 02 | 97 | 00 | 4 | 172 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 66 | — | — | 1.8 | — | 0.3 | - |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 140 |
| Chittagong | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 159 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | 0 | — 2 | 1.3 | — 1.9 | 0.1 | 106 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 159 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 60 | + 2 | — 1 | 1.0 | — 1.3 | 0.7 | 115 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 162 | 64 | 0 | 0 | 9 | 0 | 0 | 37 | 56 | + 1 | — 1 | 1.3 | — 1.0 | 0.8 | 94 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 158 | 72 | 0 | 0 | 9 | 0 | 0 | 64 | 58 | — | — | 2.0 | + 0.2 | 0.7 | 78 |
| Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 158 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | — | | 3.6 | — | 2.1 | — |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | | | | | 98 |
| Mymensingh | 000 | 0 | 0 | 03 | 00 | 97 | 00 | 0 | 162 | 72 | 0 | 0 | 9 | 0 | 0 | 57 | 58 | + 4 | + 2 | 1.1 | — 0.3 | 0.9 | 91 |
| Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 161 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 58 | + 1 | + 2 | 2.4 | + 0.5 | 1.1 | 74 |
| Dacca (Tezgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 4 | 154 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | — | 1.9 | — | 9.6 | — |
| Faridpur | 000 | 0 | 0 | 08 | 00 | 97 | 00 | 0 | 155 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | + | — 1 | 2.3 | + 0.3 | 0.7 | 71 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 158 | 66 | 0 | 0 | 9 | 0 | 0 | 58 | 52 | — | — 8 | 0.9 | — 1.4 | 0.1 | 81 |
| Khulna | 003 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 153 | 73 | 0 | 0 | 5 | 0 | 0 | 52 | 58 | 0 | 0 | 1.5 | — 0.7 | 0.1 | 68 |
| Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 63 |
| Jessore | 000 | 0 | 0 | 03 | 00 | 96 | 05 | 0 | 163 | 64 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | — | — | 2.4 | + 0.5 | 1.3 | 65 |
| Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 156 | 66 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — | 2.9 | — | 1.9 | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 154 | 56 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | + 1 | + 3 | 1.9 | + 0.4 | 1.5 | 64 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 167 | 60 | 0 | 0 | 9 | 0 | 0 | 52 | 54 | + 3 | 0 | 4.1 | + 2.6 | 1.1 | — |
| Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 157 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | + 1 | 0 | 1.7 | + 0.2 | 0.5 | 69 |
| Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | | | | 73 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 169 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | + 3 | + 2 | 2.2 | + 1.1 | 0.7 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 191 | 46 | 0 | 0 | 9 | 0 | 0 | 44 | 45 | + 5 | + 2 | 0.7 | — 1.3 | 0.7 | 19 |
| Sialkot | 000 | 0 | 0 | 08 | 08 | 97 | 08 | 0 | 172 | 54 | 0 | 0 | 9 | 0 | 0 | 50 | // | — | | 1.5 | — 2.1 | 1.5 | 32 |
| Jhelum | | | | | | | | | | | | | | | | | | | | | | | — |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 52 | 0 | 0 | 9 | 0 | 0 | 36 | 44 | — | — | — | — | | |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 206 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 43 | + 11 | + 2 | 2.9 | — 2.2 | 2.7 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | | | | | | | | | | | | | | | | | | + 9 | | | | | 15 |
| Sargodha | 000 | 0 | 0 | 27 | 02 | 96 | 04 | 0 | 187 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 42 | — | — | 0.4 | | 0.3 | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 195 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 45 | + 7 | + 2 | 0.3 | — 0.6 | 0.3 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | 000 | 0 | 1 | 00 | 00 | 94 | 00 | 0 | 200 | 45 | 0 | 0 | 9 | 0 | 1 | 40 | 42 | + 7 | — 3 | 0.1 | — 0.7 | 0.1 | 7 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | 8 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 193 | 46 | 0 | 0 | 9 | 0 | 2 | 38 | 41 | + 3 | — 6 | 0.7 | + 0.1 | 0.4 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 212 | 56 | 0 | 0 | 9 | 0 | 0 | 41 | 46 | — | — | 0.0 | — 0.5 | 0.0 | 6 |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 66 | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | | | | | — |
| Peshawar | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 205 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 45 | + 9 | + 2 | 1.5 | — 1.7 | 1.0 | 11 |
| Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 202 | 49 | 0 | 0 | 9 | 0 | 0 | 35 | 45 | — | — | 2.9 | — | 1.9 | — |
| Bannu | 000 | 0 | 0 | 31 | 02 | 99 | 00 | 0 | 198 | 52 | 0 | 0 | 9 | 0 | 0 | 33 | 46 | — | — | 0.7 | — | 0.3 | 11 |
| D. I. Khan | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 197 | 46 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | + 8 | + 4 | 1.1 | — 0.1 | 0.0 | 9 |
| Sibi | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 1 | 200 | 53 | 2 | 0 | 9 | 2 | 0 | 48 | 48 | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 173 | 53 | 0 | 0 | 9 | 0 | 0 | 38 | 47 | — | — | 1.7 | — | 1.7 | 5 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 94 | 00 | 0 | 202 | 65 | 0 | 0 | 9 | 0 | 0 | 50 | 62 | — | — | 0.3 | — | 0.8 | — |
| Jiwani | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 170 | 61 | 1 | 0 | 9 | 3 | 0 | 56 | 57 | — | — | 4.7 | — | 7.9 | 5 |
| Pasni | 000 | 0 | 0 | 25 | 04 | 96 | 00 | 4 | 170 | 66 | 0 | 0 | 0 | 0 | 0 | 65 | 40 | + 4 | — | 2.5 | — 1.1 | 2.5 | 6 |
| Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 6 |
| Lasbela | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 189 | 57 | 0 | 0 | 8 | 0 | 0 | 40 | 50 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 171 | 61 | 0 | 0 | 9 | 0 | 4 | 46 | 60 | + 1 | 0 | 0.3 | — 0.6 | 0.3 | 8 |
| Karachi (Airport) | 000 | 0 | 3 | 31 | 02 | 96 | 03 | 0 | 171 | 55 | 0 | 0 | 9 | 0 | 1 | 30 | 53 | — | — | 0.3 | — | 0.3 | — |
| Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | | | | | | — |
| Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — | | | | | |
| Hyderabad | 000 | 0 | 1 | 36 | 02 | 97 | 06 | 0 | 184 | 62 | 0 | 0 | 9 | 0 | 1 | 35 | 55 | + 3 | + 2 | 0.1 | — 0.3 | 0.1 | 7 |
| Badin | 000 | 0 | 0 | 36 | 01 | 97 | 02 | 0 | 175 | 52 | 0 | 0 | 9 | 0 | 0 | 41 | 47 | + 7 | — 8 | 0.1 | — 0.6 | 0.1 | 9 |
| Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 185 | 50 | 0 | 0 | 9 | 0 | 1 | 24 | 45 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 3 | 15 | 03 | 96 | 02 | 0 | 192 | 50 | 0 | 0 | 9 | 0 | 0 | 40 | 46 | — | — | 0.0 | — | 0.0 | — |
| Sukkur | 000 | 0 | 0 | 00 | 00 | 94 | 05 | 4 | 186 | 58 | 0 | 0 | 9 | 0 | 0 | 41 | 54 | — | — | 0.1 | — | 0.1 | 4 |
| Kashmore | | | | | | | | | | | | | | | | | | — | | | | | — |
| Jacobabad | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 188 | 53 | 2 | 0 | 9 | 3 | 0 | 38 | 51 | — | + 2 | 0.1 | — 0.5 | 0.1 | 4 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 20 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 28 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | — |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Murree * | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Drosh * | 000 | 0 | 0 | 00 | 09 | 98 | 02 | 0 | 576 | 40 | 0 | 0 | 9 | 0 | 0 | 68 | 38 | — | — | — | — | — | 18 |
| Cherat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 16 | | | | | 29 |
| Kakul * | 000 | 0 | 0 | 36 | 03 | 98 | 02 | 0 | 533 | 45 | 0 | 0 | 9 | 0 | 0 | 53 | 45 | + 11 | — | — | — | — | — |
| Landikotal * | 000 | 0 | 0 | 36 | 08 | 98 | 02 | 0 | 606 | 38 | 0 | 0 | 9 | 0 | 0 | 57 | // | — | — | — | — | — | — |
| Parachinar * | 000 | 0 | 0 | 30 | 03 | 98 | 02 | 0 | 553 | 34 | 0 | 0 | 9 | 0 | 0 | 24 | 32 | + 9 | + 1 | 2.2 | — | 1.6 | 29 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 531 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | 41 | — | — | 0.0 | — 2.2 | 0.0 | 19 |
| Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 11 |
| Fort Sandeman * | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 528 | 41 | 0 | 0 | 9 | 1 | 3 | 21 | 36 | + 7 | + 2 | 0.4 | — 1.5 | 0.4 | 13 |
| Hindubagh * | 000 | 0 | 0 | 25 | 03 | 97 | 02 | 0 | /// | 38 | 0 | 0 | 9 | 0 | 0 | 22 | // | — | — | 1.1 | — | 0.9 | — |
| Loralai * | 000 | 0 | 4 | 27 | 03 | 97 | 01 | 0 | 480 | 33 | 0 | 1 | 9 | 0 | 4 | 25 | 37 | — | — | 0.3 | — | 0.3 | 9 |
| Barkhan * | | | | | | | | | | | | | | | | | | | | | | | — |
| Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 510 | 58 | 0 | 0 | 9 | 0 | 0 | 37 | 47 | — | — | 0.7 | — 1.9 | 0.7 | 14 |
| Samungli (Quetta) * | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 541 | 32 | 0 | 0 | 9 | 0 | 0 | 24 | 27 | — | — | 1.9 | — 2.3 | 1.2 | 9 |
| Chaman * | 000 | 0 | 0 | 09 | 03 | 91 | 00 | 0 | 543 | 48 | 0 | 0 | 9 | 0 | 0 | 37 | 39 | + 10 | + 2 | 7.7 | + 3.3 | 7.7 | 9 |
| Nushki * | 000 | 0 | 2 | 09 | 07 | 97 | 01 | 0 | 553 | 56 | 0 | 0 | 9 | 0 | 1 | 29 | 54 | — | — | 2.9 | — | 2.9 | — |
| Dalbandin * | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 507 | 45 | 2 | 0 | 9 | 3 | 0 | 33 | 44 | — | + 4 | 2.2 | — 2.0 | 2.2 | 4 |
| Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 554 | 32 | 0 | 0 | 9 | 0 | 0 | 24 | 32 | — | + 1 | 0.9 | — 2.4 | 0.9 | 7 |
| Khuzdar * | 002 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 522 | 45 | 0 | 0 | 9 | 0 | 1 | 28 | 43 | — | — | 1.0 | — | 0.7 | — |
| Panjgur * | | | | | | | | | | | | | | | | | | | | | | | 5 |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 13th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

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

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 411 150 89 | ... | 420 004 57 | 048 020 56 | 571 103 59 | 740 195 58 | 947 355 87 | 215 575 | 391 273 | ... | ... | ... | ... |
| Dacca ... | 00 00 | 012 154 50 | ... | [illegible] 108 71 | 085 014 04 | 576 0[illegible]1 | 749 159 | 955 329 | 229 5[illegible]5 | 489 659 | 648 778 | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 013 140 60 | ... | 502 050 57 | 037 053 | 560 281 | 723 271 | 9[illegible]6 371 | 202 465 | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 03/ 070 10 | ... | 500 080 35 | 086 035 // | 567 181 // | 730 281 // | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 997 078 56 | ... | 490 094 57 | 079 015 57 | 692 161 57 | 734 261 // | 953 425 | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | | ... | ... | ... | | ... | | | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 996 110 58 | ... | 500 084 20 | 042 035 59 | 561 191 // | 725 271 // | 925 375 // | 201 475 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 112 54 | 830 060 57 | 608 057 57 | | ... | — | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 144 65 | 8[illegible]0 [illegible] 63 | 600 015 | 350 257 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 013 140 60 | 500 | ... | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Multan ... | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 345 02 | 340 08 | 330 08 | 335 10 | 335 10 | 305 16 | ... | | ... | 360 01 | 350 07 | 345 03 | 315 16 | 300 33 | 310 34 | ... | | | | | ... | | ... | | ... | ... |
| Bogra ... | 290 06 | 295 05 | 310 13 | 315 04 | 310 23 | 245 10 | 250 13 | 250 20 | 345 33 | 010 07 | 360 03 | 040 01 | 280 07 | 300 19 | 265 55 | 265 02 | 270 02 | 270 07 | 285 15 | 300 23 | 305 32 | 280 58 | | ... | ... | . |
| Chaklala ... | ... | 265 08 | 275 03 | 215 01 | 345 01 | 285 03 | 215 05 | 260 09 | 235 18 | ... | 028 04 | 320 03 | 270 03 | 240 03 | 230 08 | ... | 315 02 | 330 02 | 375 08 | 320 02 | 360 03 | 290 05 | 285 06 | 280 16 | | ... |
| Chhor ... | 015 14 | 015 18 | 020 23 | 015 15 | 020 11 | 315 16 | 340 25 | 301 02 | 310 26 | 055 26 | 050 22 | 062 01 | 010 19 | 005 15 | 305 20 | 060 17 | 045 23 | 030 19 | 050 22 | 048 14 | 280 13 | 280 16 | 290 11 | 275 12 | 270 20 | 280 37 |
| Chittagong ... | 355 05 | 185 08 | 170 08 | 155 08 | 135 08 | 170 05 | 265 30 | 260 56 | 265 55 | ... | ... | ... | ... | ... | ... | 270 05 | 245 06 | 340 07 | 310 08 | 325 18 | 287 34 | 300 31 | 265 34 | 285 39 | 295 32 | 280 42 |
| Cherat ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | ... | — | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 320 15 | 320 12 | 325 05 | 120 03 | 125 06 | 125 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 360 06 | 310 04 | 310 04 | 195 05 | 230 05 | 075 07 | 330 41 | ... | ... | ... | ... |
| Dacca ... | 290 08 | 290 12 | 295 11 | 300 08 | 005 09 | 305 16 | 255 15 | 230 17 | 215 19 | ... | ... | ... | ... | | ... | 280 08 | 290 08 | 280 09 | 250 12 | 210 12 | 325 15 | 345 51 | 300 44 | 290 49 | 275 51 | 275 68 |
| Dalbandin . | ... | | 300 22 | 075 05 | 285 12 | 005 09 | 250 65 | 250 30 | 285 15 | 315 07 | 315 08 | 260 06 | ... | 325 39 | ... | ... | ... | 075 07 | 180 04 | 185 09 | 115 05 | 250 21 | 250 30 | 255 35 | 255 55 | 270 33 |
| D. I. Khan . | 260 12 | 275 20 | 285 16 | 280 20 | 312 25 | ... | | ... | . | 195 04 | 235 04 | 300 02 | 030 05 | 360 53 | 100 6 | ... | ... | ... | ... | ... | ... | ... | . | ... | ... | ... |
| Droab . | ... | ... | ... | 140 04 | 160 07 | 165 10 | 025 06 | ... | ... | ... | ... | ... | 015 09 | 260 06 | 020 19 | ... | ... | ... | | | | | | | | |
| Fort Sandeman ... | ... | ... | ... | 320 06 | 305 09 | 320 16 | 310 23 | 320 15 | 315 35 | ... | . | ... | 040 07 | 330 13 | 320 15 | ... | — | ... | 270 04 | 225 05 | 170 03 | 230 12 | 240 21 | 250 25 | 260 40 | 280 61 |
| Gilgit ... | ... | ... | ... | 260 03 | 040 01 | | ... | ... | ... | ... | ... | ... | 005 02 | 340 01 | ... | ... | . | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 270 03 | 315 05 | 325 05 | 330 10 | 325 27 | 300 17 | ... | ... | | 005 02 | 325 01 | 340 01 | 300 13 | 305 20 | | | | | | | | | | | | |
| Jacobabad ... | 255 04 | 255 02 | 255 03 | 005 03 | 275 06 | 154 21 | 320 30 | 315 33 | 305 51 | 160 04 | 144 03 | 185 03 | 195 04 | 185 03 | 230 07 | 150 06 | 250 01 | 350 01 | 250 03 | 330 01 | 310 05 | 240 06 | 240 07 | 340 15 | 225 22 | 205 33 |
| Jessore ... | 330 07 | 330 07 | 325 07 | 320 08 | 330 12 | 340 23 | 290 12 | — | ... | 115 02 | 125 03 | 030 02 | 320 11 | 330 13 | 335 17 | 245 01 | 250 05 | 250 10 | 285 17 | 295 22 | 305 24 | 290 37 | 285 24 | 300 34 | — | |
| Jhelum ... | 340 02 | 320 04 | 295 07 | 205 02 | 345 03 | 220 04 | 195 12 | 250 13 | . | 280 03 | 298 04 | 320 07 | 130 05 | 040 03 | 020 03 | 315 03 | 335 06 | 335 10 | 340 10 | 110 08 | 125 03 | 330 02 | 335 21 | 335 15 | 300 33 | 275 41 |
| Jiwani ... | 265 09 | 280 08 | 285 06 | 265 09 | 070 12 | 280 08 | 250 11 | 285 06 | 195 13 | 295 11 | 265 10 | 275 06 | 155 16 | 115 10 | 045 05 | 185 03 | 290 05 | 290 04 | 310 05 | 140 14 | 180 08 | 220 14 | 235 23 | 245 25 | 270 40 | 260 41 |
| Karachi ... | 280 03 | 020 03 | 035 05 | 035 09 | 005 15 | 345 10 | 330 12 | 300 14 | 290 14 | | ... | | ... | | | 090 09 | 085 11 | 080 15 | 055 07 | 030 10 | 058 19 | 240 88 | 245 12 | 260 09 | 225 16 | ... |
| Khanpur ... | 015 05 | 005 09 | 008 08 | 035 06 | 030 01 | 350 12 | 335 26 | 325 45 | 320 55 | 115 13 | 100 15 | 080 21 | 305 10 | 360 05 | 015 10 | ... | .. | — | — | ... | — | ... | . | ... | — | ... |
| Khuzdar ... | ... | | ... | 175 04 | 270 04 | 315 19 | 285 23 | 275 29 | 285 23 | ... | | ... | 195 06 | 245 09 | 300 04 | | | | | | | | ... | | ... | ... |
| Lahore . | 335 07 | 340 07 | 305 06 | 305 04 | 285 07 | 305 08 | 345 06 | 290 12 | 305 10 | 330 04 | 340 04 | 340 05 | 335 06 | 310 09 | 320 10 | 005 06 | 330 09 | 320 10 | 315 08 | 335 08 | 310 08 | 330 19 | 315 26 | 300 27 | 290 29 | 280 49 |
| Multan ... | 065 15 | 070 13 | 065 04 | 080 08 | 340 03 | 335 19 | 320 19 | 310 35 | 305 43 | 015 19 | 025 08 | 140 09 | 220 25 | 301 4 | 350 13 | 220 05 | 340 06 | 185 05 | 185 04 | 100 08 | 015 03 | 200 03 | 300 07 | 290 35 | 265 27 | 275 44 |
| Nawab Shah . | 339 01 | 325 01 | 050 04 | 330 01 | 350 10 | 325 01 | 315 25 | 050 04 | 285 32 | 040 08 | 050 05 | 045 05 | 100 04 | 360 07 | 320 29 | 090 08 | 040 08 | 015 07 | 040 09 | 035 14 | 240 11 | 275 17 | 300 93 | 270 23 | ... | .. |
| Nokkundi . | ... | .. | 145 06 | 145 08 | 105 03 | 285 08 | ... | . | ... | ... | | 270 07 | 250 09 | 260 12 | 210 18 | ... | — | 105 10 | 135 15 | 175 10 | 165 18 | 245 14 | 240 24 | 260 28 | . | . |
| Panjgur ... | ... | | | | | ... | ... | | ... | ... | | | ... | | ... | | | | | | | | ... | ... | ... | ... |
| Peshawar ... | .. | 070 02 | 005 04 | 330 08 | 340 08 | 310 15 | 280 04 | 265 15 | 275 15 | .. | 280 03 | 275 09 | 335 09 | 360 10 | 320 15 | ... | 070 02 | 290 04 | 320 09 | 340 05 | 340 04 | 285 12 | 265 15 | 260 21 | 290 25 | 275 39 |
| Parachinar . | ... | .. | .. | ... | | | | | | ... | .. | ... | 200 03 | 055 04 | .. | ... | ... | .. | 010 04 | 095 03 | 280 12 | 275 10 | 280 12 | 265 16 | 278 21 | 290 27 |
| Quetta . | | ... | | ... | 335 01 | 025 11 | 315 23 | 290 13 | 285 49 | ... | | | | | ... | ... | ... | | . | 170 12 | 305 07 | 370 27 | 255 29 | 265 27 | 280 33 | |
| Sargodha . | 275 03 | 300 02 | 380 02 | 005 17 | 355 61 | 325 09 | 350 12 | 280 18 | 285 19 | 300 05 | 330 07 | 320 10 | 300 13 | 320 13 | 270 10 | 310 05 | 3 0 06 | 340 07 | 355 06 | 315 07 | 345 10 | 290 19 | 285 15 | 280 18 | [illegible] 19 | 275 33 |
| Skardu ... | | .. | | 250 03 | 210 03 | 030 03 | 030 02 | — | 320 03 | .. | — | | | | | | | | | | | | | | ... | ... |
| Sylhet ... | 230 05 | 210 05 | 225 05 | 085 10 | 325 01 | 210 08 | .. | — | .. | 110 07 | 140 02 | 135 02 | 240 02 | 270 12 | 250 16 | 100 04 | 195 04 | 205 04 | 290 05 | 275 12 | 295 15 | 275 36 | 265 04 | 270 37 | ... | ... |
| Veraval . | ... | ... | | ... | ... | — | | .. | ... | . | ... | | ... | | . | ... | ... | ... | ... | ... | — | ... | ... | | ... | .. |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi | 035 04 | 060 05 | 060 06 | 010 08 | 060 12 | 175 05 | 285 06 | 280 11 | 235 10 | 265 18 | 270 97 | — | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta . | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

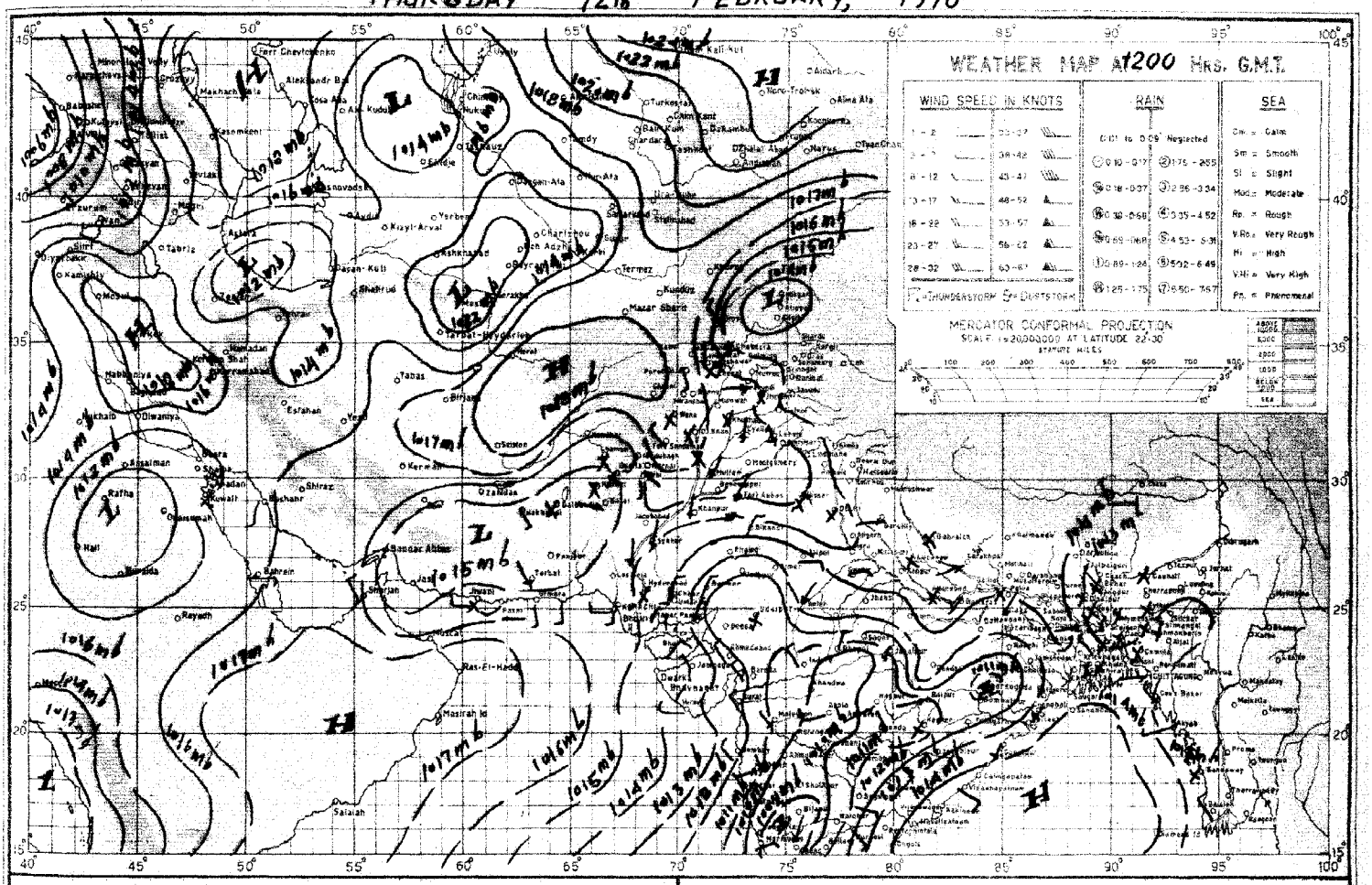
† The actual time of observations may vary within half an hour of the specified time.

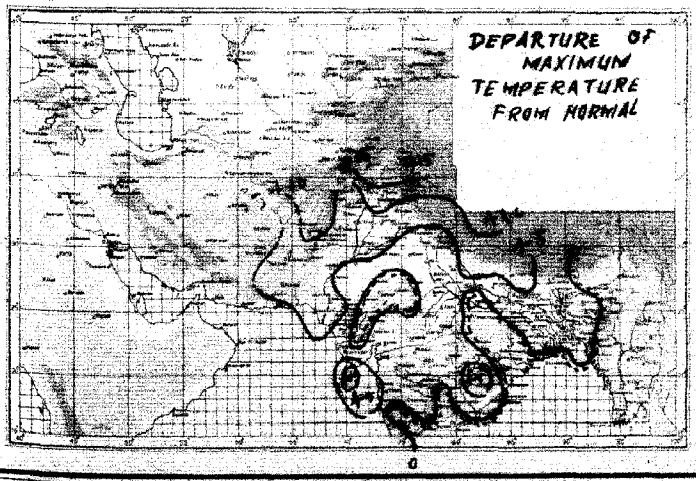
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

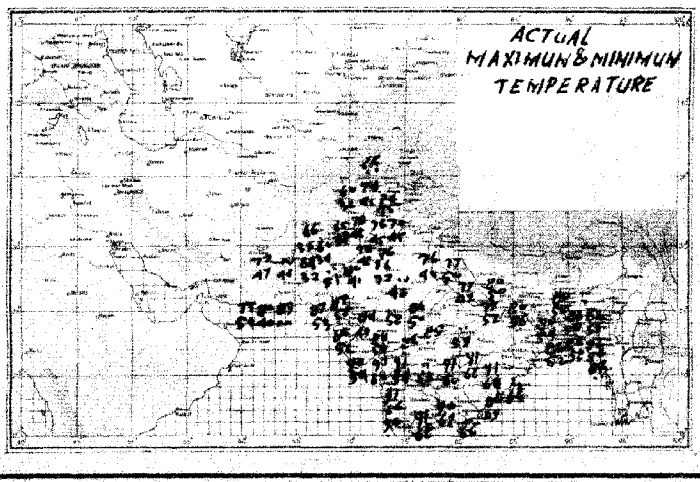
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

THURSDAY 12th FEBRUARY, 1970



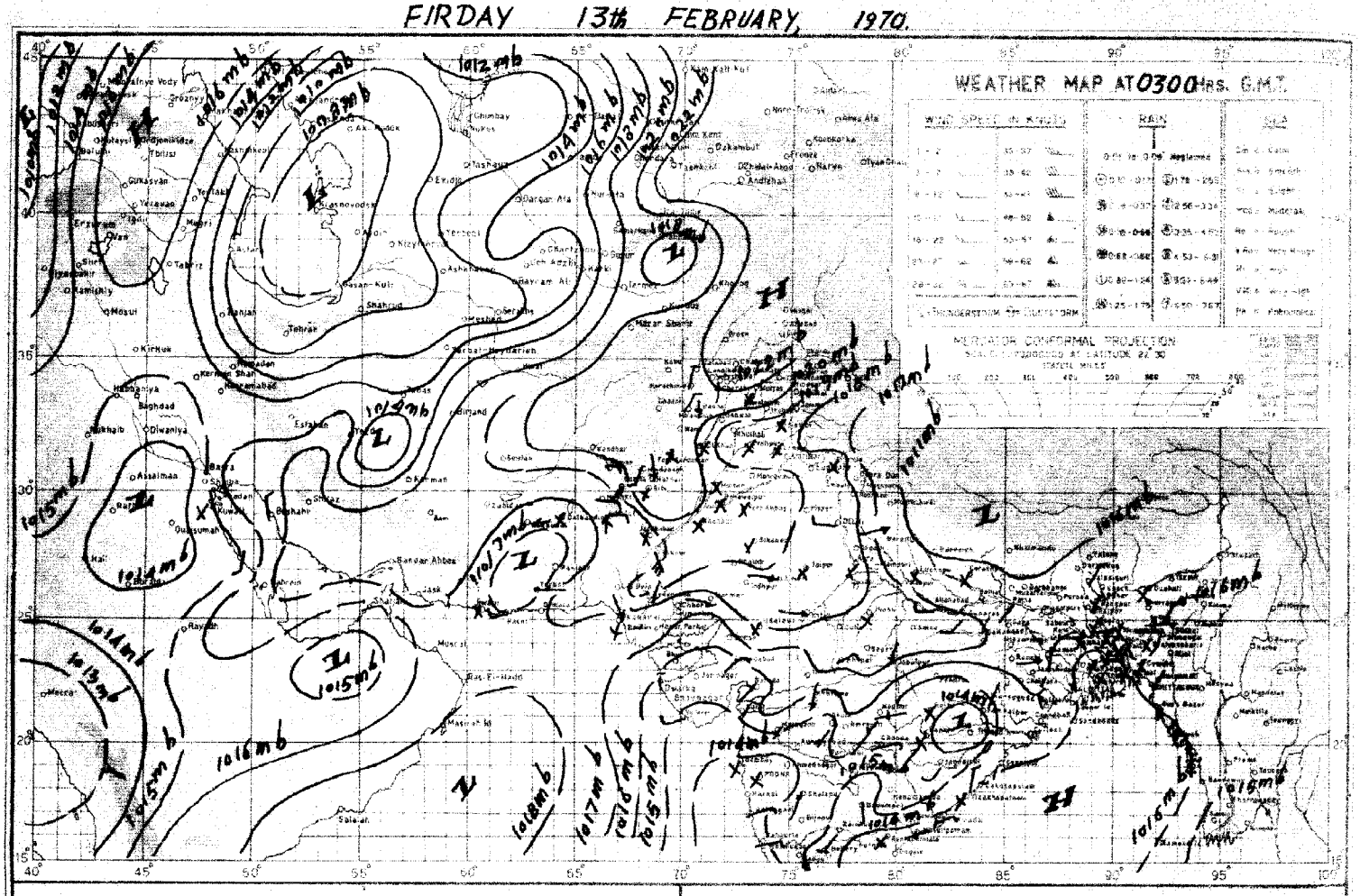



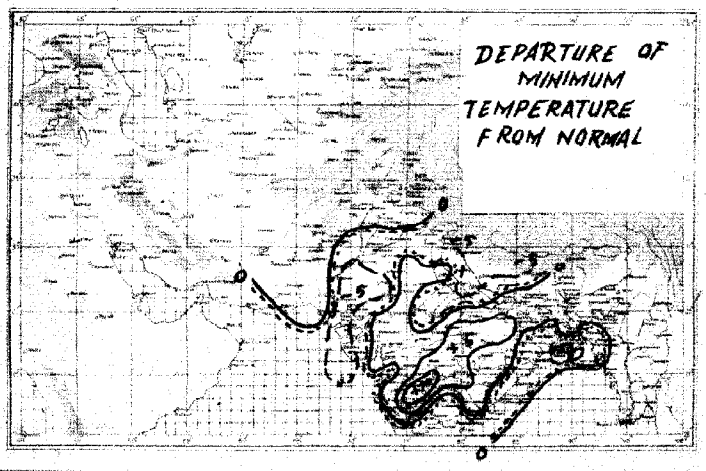



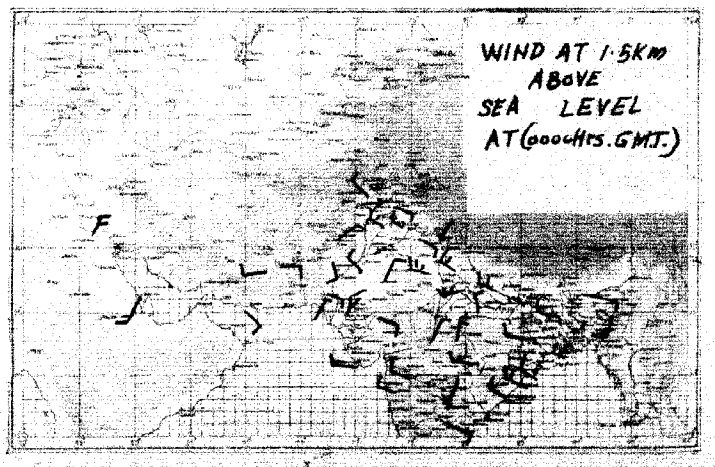

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

FIRDAY 13th FEBRUARY, 1970.

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Pages 1—2 Rs: 5/-

Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 14th FEBRUARY 1970.**

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

Trough of low pressure moved away east wards across Peshawar division. The western disturbance over north of central Iran has shifted East wards.

A trough of low pressure lies over Kalat division.

The westerly low pressure wave is now moving across west Bengal.

Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) below normal in Khulna, Multan, Bahawalpur and Hyderabad divisions and were 3—4 °F (2 °C) above normal in Rajshahi, D. I. Khan and Quetta divisions.

**Forecast valid until the evening of 15th February 1970 :—** Rain/drizzle will be scattered in Quetta division. A few falls of rain/thundershowers likely in Dacca and Rajshahi divisions. Weather will remain dry elsewhere over the country.

Karachi-11
The 14th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 02 | // | 00 | 0 | 127 | 77 | 0 | 0 | 9 | 0 | 0 | 17 | 86 |
| | Cox's Bazar | 000 | 0 | 2 | 36 | 06 | // | 03 | 0 | 127 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 86 |
| | Chittagong | 000 | 0 | 1 | 31 | 02 | 96 | 02 | 0 | 128 | 76 | 0 | 0 | 9 | 0 | 1 | 30 | 82 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 125 | 77 | 0 | 0 | 9 | 0 | 0 | 34 | 82 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 124 | 76 | 0 | 0 | 9 | 0 | 0 | 20 | 82 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 119 | 78 | 0 | 0 | 9 | 0 | 0 | 70 | 82 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | 110 | 74 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 152 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 102 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 123 | 77 | 0 | 0 | 9 | 0 | 0 | 65 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 117 | 78 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 147 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Khulna | Barisal | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 2 | 126 | 74 | 3 | 4 | 4 | 2 | 0 | 16 | 82 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 80 | 0 | 0 | 9 | 0 | 0 | 70 | 88 |
| | Satkhira | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 2 | 128 | 78 | 6 | 4 | 4 | 0 | 0 | 58 | 85 |
| | Jessore | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 1 | 117 | 80 | 4 | 0 | 9 | 3 | 0 | 58 | 85 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 117 | 78 | 0 | 0 | 9 | 0 | 0 | 53 | 85 |
| | Siraiganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 117 | 80 | 0 | 0 | 9 | 0 | 0 | 49 | 82 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 119 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 85 |
| | Bogra | 000 | 0 | 2 | 31 | 02 | // | 03 | 0 | 118 | 76 | 0 | 0 | 9 | 0 | 1 | 48 | 82 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 111 | 77 | 0 | 0 | 9 | 0 | 0 | 51 | 82 |
| | Rangpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 115 | 65 | 1 | 0 | 9 | 1 | 0 | 58 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 5 | 27 | 02 | 96 | 03 | 0 | 147 | 71 | 1 | 5 | 8 | 2 | 0 | 39 | 76 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 02 | 97 | 03 | 0 | 130 | 77 | 0 | 0 | 9 | 0 | 0 | 42 | 78 |
| | Islamabad | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | /// | 72 | 2 | 3 | 8 | 5 | 0 | 32 | 72 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 143 | 70 | 0 | 0 | 9 | 0 | 0 | 37 | 72 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 2 | 36 | // | 97 | 00 | 0 | 138 | 74 | 0 | 0 | 9 | 0 | 2 | 58 | 78 |
| | Sargodha | 000 | 0 | 6 | 27 | 02 | 97 | 02 | 1 | 142 | 77 | 0 | 0 | 9 | 0 | 1 | 32 | 78 |
| | Lyallpur | 000 | 0 | 4 | 29 | 02 | 96 | 02 | 0 | 144 | 72 | 0 | 0 | 9 | 0 | 4 | 51 | 76 |
| Multan | Sahiwal | 000 | 0 | 3 | 18 | 03 | 97 | 02 | 0 | 151 | 76 | 1 | 0 | 9 | 3 | 1 | 39 | 80 |
| | Multan | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 181 | 70 | 0 | 0 | 9 | 0 | 0 | 37 | 70 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 142 | 77 | 3 | 0 | 9 | 3 | 4 | 47 | 80 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 153 | 77 | 0 | 0 | 9 | 0 | 0 | 42 | 78 |
| | Fort Abbas | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 151 | 76 | 0 | 0 | 9 | 0 | 0 | 44 | 78 |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 02 | 98 | 03 | 0 | 135 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 72 |
| Peshawar | Peshawar | 000 | 0 | 1 | 18 | 02 | 97 | 02 | 0 | 141 | 74 | 0 | 0 | 9 | 0 | 0 | 39 | 76 |
| | Haripur | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 144 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 72 |
| D. I. Khan | Bannu | 000 | 0 | 2 | 31 | 02 | 99 | 01 | 1 | 142 | 74 | 0 | 0 | 9 | 2 | 0 | 37 | 78 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 143 | 76 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| Quetta | Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 1 | 180 | 81 | 2 | 0 | 9 | 2 | 0 | 62 | 84 |
| | Nokkundi | 000 | 0 | 3 | 31 | 07 | 96 | 03 | 0 | 086 | 79 | 3 | 0 | 9 | 3 | 0 | 35 | 80 |
| Kalat | Turbat | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 164 | 85 | 0 | 0 | 9 | 0 | 0 | 41 | 85 |
| | Jiwani | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 147 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 78 |
| | Pasni | 000 | 0 | 0 | 11 | 02 | 97 | 02 | 0 | 153 | 74 | 0 | 0 | 0 | 0 | 0 | 67 | 85 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 03 | 96 | 02 | 1 | 159 | 70 | 1 | 0 | 9 | 1 | 0 | 62 | 80 |
| | Lasbela | 000 | 0 | 3 | 13 | 03 | 98 | 00 | 0 | 136 | 68 | 0 | 0 | 9 | 0 | 0 | 43 | 89 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 135 | 78 | 0 | 0 | 9 | 0 | 0 | 56 | 84 |
| | Karachi (Airport) | 000 | 0 | 2 | 02 | 05 | 96 | 01 | 0 | 133 | 83 | 0 | 0 | 9 | 0 | 1 | 24 | 85 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 161 | 84 | 0 | 0 | 9 | 0 | 0 | 34 | 84 |
| | Chhor | 000 | 0 | 0 | 05 | 05 | 96 | 01 | 0 | 132 | 84 | 0 | 0 | 9 | 0 | 0 | 20 | 86 |
| | Hyderabad | 000 | 0 | 1 | 36 | 05 | 97 | 02 | 0 | 154 | 81 | 0 | 0 | 9 | 0 | 1 | 39 | 84 |
| | Badin | 000 | 0 | 0 | 09 | 18 | 97 | 02 | 0 | 123 | 83 | 0 | 0 | 9 | 0 | 0 | 54 | 85 |
| Khairpur | Padidan | 000 | 0 | 1 | 31 | 02 | 96 | 02 | 0 | 149 | 80 | 0 | 0 | 9 | 0 | 0 | 36 | 81 |
| | Nawabshah | 000 | 0 | 2 | 05 | 02 | 96 | 03 | 0 | 150 | 81 | 0 | 0 | 9 | 0 | 1 | 25 | 83 |
| | Sukkur | 000 | 0 | 0 | 23 | 02 | 94 | 02 | 0 | 153 | 81 | 0 | 0 | 9 | 0 | 0 | 56 | 82 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 1 | 27 | 03 | 97 | 01 | 1 | 158 | 80 | 0 | 0 | 9 | 0 | 0 | 44 | 81 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 0 | 05 | 09 | 98 | 01 | 0 | 527 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 60 |
| Peshawar | Cherat * | 000 | 0 | 0 | 02 | 05 | 98 | 02 | 0 | 514 | 58 | 0 | 0 | 9 | 0 | 0 | 23 | 63 |
| | Kakul * | 000 | 0 | 1 | 16 | 02 | 98 | 03 | 0 | 516 | 60 | 0 | 0 | 9 | 0 | 1 | 29 | 66 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Parachinar * | 000 | 0 | 0 | 16 | 03 | 99 | 02 | 0 | 532 | 55 | 0 | 0 | 9 | 0 | 0 | 25 | 60 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 523 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 72 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 481 | 66 | 0 | 0 | 9 | 0 | 0 | 51 | 65 |
| Quetta | Fort Sandeman * | 000 | 0 | 2 | 31 | 03 | 98 | 03 | 0 | 506 | 65 | 0 | 0 | 9 | 0 | 1 | 17 | 66 |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 38 | 0 | 0 | 9 | 0 | 0 | 22 | 48 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 485 | 46 | 0 | 0 | 9 | 0 | 0 | 35 | 50 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 492 | 71 | 0 | 0 | 9 | 0 | 0 | 51 | 71 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 07 | 0 | 505 | 61 | 0 | 0 | 9 | 0 | 0 | 23 | 65 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 530 | 62 | 0 | 0 | 9 | 0 | 0 | 34 | 63 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 561 | 74 | 0 | 0 | 9 | 0 | 0 | 42 | 71 |
| | Dalbandin * | 000 | 0 | 2 | 00 | 00 | 90 | 02 | 0 | 520 | 78 | 2 | 0 | 9 | 3 | 0 | 40 | 79 |
| Kalat | Kalat * | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 501 | 60 | 0 | 0 | 9 | 0 | 0 | 14 | 61 |
| | Khuzdar * | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 584 | 69 | 0 | 0 | 9 | 0 | 1 | 20 | 71 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Rainfall Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 5 | 0 | 10 | 02 | 96 | 08 | 4 | 186 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 66 | — | — | 1.8 | — | 0.3 | - |
| Cox's Bazar | 000 | 0 | 0 | 36 | 08 | 96 | 02 | 0 | 169 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 68 | + 4 | — | 0.7 | — 3.8 | 0.0 | 146 |
| Chittagong | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 176 | 65 | 0 | 0 | 0 | 0 | 0 | 59 | 56 | 0 | 0 | 1.4 | — 2.0 | 0.1 | 106 |
| Maijdee Court | 000 | 5 | 4 | 00 | 00 | 98 | 03 | 2 | 176 | 69 | 0 | 0 | 9 | 2 | 0 | 60 | 56 | + 2 | — 5 | 1.0 | — 1.4 | 0.7 | 115 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 169 | 69 | 0 | 0 | 0 | 0 | 0 | 58 | 56 | + 1 | — 1 | 1.3 | — 1.0 | 0.8 | 54 |
| Brahmanbaria | 000 | 0 | 4 | 13 | 02 | 96 | 03 | 1 | 171 | 69 | 4 | 0 | 9 | 4 | 0 | 64 | 58 | — | — | 2.1 | + 0.1 | 0.8 | 78 |
| Sylhet | 000 | 0 | 0 | 05 | 01 | 96 | 01 | 0 | 176 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — | — | 3.6 | | 2.1 | — |
| Srimangal | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 173 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 47 | — 3 | — 4 | 3.0 | + 0.4 | 1.5 | 98 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 180 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | + 4 | + 2 | 1.2 | — 0.4 | 0.9 | 91 |
| Narayanganj | 000 | 0 | 3 | 23 | 02 | 97 | 02 | 1 | 172 | 75 | 3 | 3 | 6 | 0 | 0 | 64 | 62 | + 4 | + 4 | 2.0 | + 0.5 | 1.1 | 74 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 27 | 02 | 96 | 05 | 0 | 167 | 69 | 0 | 0 | 9 | 0 | 0 | 62 | 56 | — | — | 1.9 | — | 0.6 | — |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 161 | 68 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | + 3 | + 7 | 2.4 | + 0.2 | 0.7 | 71 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 08 | 4 | 172 | 69 | 0 | 0 | 9 | 0 | 0 | 65 | 59 | + 1 | — 1 | 1.0 | — 1.4 | 0.1 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 142 | 77 | 0 | 0 | 9 | 0 | 0 | 70 | 58 | + 6 | 0 | 1.5 | — 0.7 | 0.1 | 68 |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 08 | 3 | 173 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 64 | + 1 | + 7 | 1.2 | — 1.4 | 0.8 | 45 |
| Jessore | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 4 | 164 | 73 | 1 | 5 | 9 | 0 | 0 | 65 | 62 | — | — | 2.4 | + 0.5 | 1.3 | 65 |
| Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 145 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — | — | 2.9 | — | 1.9 | 59 |
| Siraiganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 163 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | + 3 | + 2 | 1.9 | + 0.4 | 1.5 | 64 |
| Rajshahi | 000 | 0 | 2 | 36 | 02 | 97 | 02 | 0 | 172 | 69 | 2 | 6 | 5 | 0 | 0 | 54 | 58 | + 6 | + 6 | 4.1 | + 2.7 | 1.2 | — |
| Bogra | 000 | 0 | 4 | 31 | 02 | 96 | 02 | 1 | 170 | 68 | 2 | 5 | 5 | 3 | 0 | 54 | 58 | + 8 | + 4 | 1.7 | + 0.7 | 0.5 | 69 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 177 | 69 | 0 | 0 | 9 | 0 | 0 | 64 | 54 | + 4 | + 1 | 2.3 | + 1.1 | 0.8 | 71 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 172 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 3 | + 2 | 2.3 | + 0.1 | 0.8 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 05 | / | 166 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 44 | + 5 | + 1 | 0.8 | — 1.3 | 0.8 | 19 |
| Sialkot | | | | | | | | | | | | | | | | | | | | | | | 33 |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 170 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | — | — | 0.8 | — | 0.8 | — |
| Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 175 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | + 9 | + 2 | 2.9 | — 2.2 | 2.7 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 206 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | + 9 | — 2 | 0.3 | — 1.5 | 0.3 | 15 |
| Sargodha | 000 | 0 | 0 | 23 | 02 | 96 | 04 | 0 | 163 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 166 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 43 | + 7 | + 2 | 0.4 | — 0.6 | 0.4 | 12 |
| Sahiwal | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | 171 | 47 | 1 | 0 | 9 | 4 | 0 | 40 | 45 | + 9 | 0 | 0.1 | — 0.0 | 0.1 | 18 |
| Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| Leiah | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Khanpur | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 168 | 54 | 3 | 0 | 9 | 3 | 4 | 35 | 45 | + 3 | — 2 | 0.7 | — | 0.4 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 59 | 0 | 0 | 9 | 0 | 0 | 38 | 48 | + 3 | + 2 | 0.0 | — 0.6 | 0.0 | 6 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 0// | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 75 | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | 000 | 0 | 0 | 05 | 05 | 98 | 03 | 0 | 178 | 40 | 0 | 0 | 9 | 0 | 0 | 37 | 40 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 11 | — | | | | 11 |
| Haripur | 000 | 0 | 0 | 05 | 03 | 99 | 00 | 0 | 177 | 49 | 0 | 0 | 9 | 0 | 0 | 35 | 45 | — | — | 1.9 | — | 1.9 | — |
| Bannu | 000 | 0 | 0 | 00 | 00 | 99 | 60 | 0 | 168 | 51 | 0 | 0 | 9 | 0 | 0 | 32 | 49 | — | — | 0.7 | — | 0.3 | 11 |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 10 | | | | | 9 |
| Sibi | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 1 | 176 | 54 | 0 | 3 | 9 | 2 | 0 | 48 | 50 | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 140 | 58 | 4 | 0 | 5 | 4 | 0 | 31 | 53 | — | — | 1.7 | — | 1.7 | 8 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 198 | 55 | 0 | 0 | 9 | 0 | 0 | 42 | 56 | — | — | 0.4 | — | 0.4 | — |
| Jiwani | 000 | 0 | 3 | 36 | 03 | 96 | 02 | 0 | 165 | 63 | 3 | 6 | 5 | 0 | 0 | 37 | 60 | — | — | 8.7 | — | 7.9 | 8 |
| Pasni | 000 | 0 | 0 | 29 | 04 | 97 | 02 | 0 | 155 | 65 | 0 | 0 | 0 | 0 | 0 | 65 | ... | + 9 | — | 2.5 | — 1.2 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 94 | 01 | 1 | 167 | 63 | 0 | 0 | 9 | 0 | 0 | 63 | // | — | — | 2.3 | — 1.1 | 2.3 | 6 |
| Lasbela | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 170 | 53 | 0 | 0 | 9 | 0 | 0 | 40 | 49 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 159 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 61 | + 8 | + 1 | 0.3 | — 0.7 | 0.3 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 161 | 53 | 0 | 0 | 9 | 0 | 0 | 31 | 52 | — | — | 0.3 | — | 0.3 | — |
| Nagarparkar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 194 | 65 | 0 | 0 | 9 | 0 | 0 | 05 | 65 | — | — | 0.0 | — | 0.0 | — |
| Chhor | 000 | 0 | 0 | 60 | 00 | 96 | 03 | 1 | 142 | 44 | 0 | 0 | 9 | 0 | 0 | 25 | 45 | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 166 | 59 | 0 | 0 | 9 | 0 | 0 | 43 | 58 | + 5 | + 5 | 0.2 | — 0.1 | 0.2 | 8 |
| Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 156 | 51 | 0 | 0 | 9 | 0 | 0 | 34 | 48 | + 8 | — 6 | 0.1 | — 0.6 | 0.1 | — |
| Padidan | 000 | 0 | 2 | 02 | 02 | 97 | 03 | 0 | 165 | 50 | 0 | 0 | 9 | 0 | 5 | 42 | 46 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 2 | 00 | 00 | 96 | 04 | 0 | 172 | 47 | 0 | 0 | 9 | 0 | 0 | 48 | 45 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 2 | 6 | 16 | 05 | 95 | 05 | 4 | 165 | 58 | 6 | 0 | 9 | 6 | 0 | 41 | 53 | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 4 | 13 | 02 | 96 | 03 | 0 | 161 | 57 | 4 | 0 | 9 | 3 | 0 | 41 | 52 | + 5 | + 9 | 0.2 | — 0.3 | 0.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 561 | 40 | 0 | 0 | 9 | 0 | 0 | 49 | 38 | + 7 | + 5 | 1.6 | — | 1.0 | 29 |
| Cherat * | 000 | 0 | 0 | 12 | 05 | 98 | 02 | 0 | 513 | 56 | 0 | 0 | 9 | 0 | 0 | 56 | 50 | + 9 | + 10 | 2.0 | — 4.3 | 1.4 | — |
| Kakul * | 000 | 0 | 0 | 36 | 03 | 99 | 02 | 0 | 513 | 51 | 0 | 0 | 9 | 0 | 0 | 27 | 47 | — | — | 2.9 | — | 1.9 | — |
| Landikotal * | 000 | 0 | 0 | 36 | 01 | 95 | 02 | 0 | 614 | 45 | 0 | 0 | 9 | 0 | 0 | 30 | 35 | — | — | 0.9 | — | 0.2 | 39 |
| Parachinar * | 000 | 0 | 3 | 00 | 00 | 98 | 02 | 0 | 539 | 45 | 0 | 0 | 9 | 0 | 1 | 24 | 35 | + 9 | + 4 | 2.2 | — | 1.6 | 18 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 523 | 49 | 0 | 0 | 9 | 0 | 1 | 35 | 43 | — | — | 0.0 | — 0.3 | 0.0 | 11 |
| Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 474 | 47 | 0 | 0 | 9 | 0 | 0 | 35 | 35 | — | — | — | — | — | 13 |
| Fort Sandeman * | 000 | 0 | 3 | 05 | 02 | 97 | 02 | 0 | 513 | 41 | 0 | 0 | 9 | 0 | 3 | 21 | 36 | + 8 | + 2 | 8.4 | — 1.5 | 8.4 | — |
| Hindubagh * | 000 | 0 | 0 | 27 | 09 | 97 | 02 | 0 | /// | 41 | 0 | 0 | 9 | 0 | 0 | 22 | // | — | — | 1.2 | — | 1.0 | 9 |
| Loralai * | 000 | 0 | 5 | 27 | 03 | 97 | 07 | 0 | 480 | 34 | 0 | 1 | 9 | 0 | 4 | 35 | 39 | — | — | 0.3 | — | 0.3 | — |
| Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 16 |
| Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 479 | 57 | 0 | 0 | 9 | 0 | 0 | 29 | 40 | — | — | 0.7 | — 2.0 | 0.7 | 9 |
| Samungli (Quetta) * | 000 | 0 | 6 | 00 | 00 | 96 | 01 | 0 | 519 | 39 | 6 | 0 | 9 | 2 | 0 | 30 | 39 | — | — | 1.9 | — 2.4 | 1.2 | 9 |
| Chaman * | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 543 | 48 | 0 | 0 | 9 | 0 | 0 | 37 | 39 | + 7 | + 2 | 7.7 | + 3.2 | 7.7 | — |
| Nushki * | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 547 | 59 | 0 | 0 | 9 | 0 | 2 | 32 | 36 | — | — | 3.0 | — | 2.9 | 4 |
| Dalbandin * | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 497 | 50 | 0 | 0 | 9 | 3 | 0 | 42 | 44 | + 14 | + 4 | 7.2 | — | 2.2 | 7 |
| Kalat * | 000 | 0 | 0 | 13 | 01 | 98 | 02 | 0 | 558 | 37 | 0 | 0 | 9 | 0 | 0 | 30 | 31 | + 10 | + 1 | 0.9 | — 2.5 | 0.9 | — |
| Khuzdar * | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 500 | 46 | 0 | 0 | 9 | 0 | 1 | 25 | 44 | — | — | 1.0 | — | 0.7 | 8 |
| Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

When over 899 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 14th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_hC_hhC_MC_M$ | $D_sV_sa$ PP | 7RR $t_{st}t_{st}$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Almahroosa | 99 3 16 | 10 6 09 | 13 1 23 | 21 3 02 | 99 0 20 | 16 0 25 | 21 5 00 | 33 6 10 | | | 00 5 14 | | 20 5 01 | |
| Dumra | 99 2 39 | 10 6 18 | 13 1 83 | 02 9 08 | 98 0 20 | 17 3 23 | 00 9 00 | 03 4 00 | | | 05 3 23 | // // // | — | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh TTT$_s$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 013 160 89 | ... | 500 090 56 | 100 032 03 | 573 139 56 | 738 269 57 | 941 381 49 | 208 857 // | 383 729 // | ... | ... | ... | ... |
| Dacca | 00 00 | 018 170 24 | ... | 480 114 41 | 111 015 24 | 577 121 64 | 744 351 63 | 949 637 62 | 220 537 // | 490 645 // | 642 733 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 013 160 58 | ... | 450 054 // | 033 065 // | 560 201 // | 722 322 // | 922 411 // | 192 495 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 001 004 07 | ... | 480 136 35 | 098 010 // | 569 155 // | 735 221 // | 943 331 // | 221 425 // | /// 047 35 | 677 298 93 | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 993 104 59 | ... | 430 084 62 | 011 025 56 | 564 141 // | 731 211 // | 929 305 // | 212 471 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_s$ DD | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_{st}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 124 49 | 800 064 50 | 600 049 39 | 350 113 57 | | | | | | | | |
| Dacca | 00 00 | 900 150 36 | 800 084 58 | 654 012 59 | 632 000 61 | 600 025 61 | 350 299 63 | 332 329 44 | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 200 271 18 | ... | ... |
| Multan | 00 00 | | ... | ... | ... | — | ... | ... | ... | — | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 265 07 | 265 06 | 310 04 | 315 08 | 315 13 | ... | ... | ... | ... | 290 11 | 288 08 | 275 07 | 300 12 | 295 15 | 290 27 | 260 04 | 235 03 | 310 04 | 245 08 | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 245 13 | 270 06 | 270 04 | 280 08 | 290 18 | 275 23 | ... | ... | ... | 330 04 | 355 05 | 300 03 | 250 09 | 275 15 | ... | 360 06 | 340 06 | 310 04 | 260 05 | 285 13 | 285 24 | 280 43 | /// // | 280 21 | ... | ... |
| Chaklala | ... | 285 09 | 315 04 | 035 11 | 085 07 | 195 11 | 010 06 | 280 13 | 250 07 | ... | 075 04 | 080 03 | 010 03 | 090 03 | 345 07 | ... | 320 02 | 330 03 | 335 03 | 305 03 | 260 03 | 285 04 | 285 21 | 290 32 | ... | ... |
| Chhor | 040 12 | 050 12 | 055 12 | 055 14 | 080 05 | 310 14 | 255 13 | 250 15 | 260 21 | 070 17 | 075 12 | 045 05 | 230 09 | 190 11 | 180 09 | 015 12 | 355 07 | 340 06 | 345 07 | 130 06 | 115 07 | 115 12 | 158 19 | 165 21 | 160 30 | 175 41 |
| Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 025 07 | 340 05 | 345 05 | 360 05 | 300 11 | 285 25 | 275 39 | 265 46 | 255 33 | ... | ... |
| Cherat | | | | | | | | | | 350 20 | 355 19 | 350 17 | 325 14 | 310 12 | ... | | | | | | | | | | | |
| Cox's Bazar | 325 10 | 325 12 | 310 12 | 350 05 | 005 07 | 010 11 | ... | ... | ... | | | | | | | 010 15 | 010 13 | /// // | 005 05 | 345 12 | 305 21 | 285 38 | ... | ... | ... | ... |
| Dacca | 265 08 | 285 08 | 265 09 | 265 10 | 300 13 | 290 27 | 290 38 | 285 51 | 290 58 | 260 12 | 260 08 | 260 06 | 260 12 | 265 20 | 280 15 | 200 08 | 250 06 | 245 03 | 324 50 | 380 12 | 280 31 | 285 39 | 290 5 | 285 53 | ... | ... |
| Dalbandin | ... | ... | 190 02 | 230 01 | 158 02 | 170 10 | 255 23 | 250 30 | 350 75 | ... | ... | 200 12 | 215 14 | 205 16 | 200 13 | | ... | 155 02 | 210 10 | 220 14 | 190 13 | ... | ... | ... | ... | ... |
| D. I. Khan | 225 03 | 025 01 | 030 03 | 050 03 | 340 04 | 080 04 | 280 12 | 080 15 | 265 17 | 220 05 | 225 06 | 240 07 | 095 04 | 350 04 | 245 05 | 170 17 | 170 13 | 175 15 | 211 15 | 260 14 | 330 04 | 275 13 | 220 07 | 275 26 | 235 13 | 260 23 |
| Drosh | ... | ... | ... | 040 10 | 040 09 | 035 07 | 105 09 | 145 15 | 285 30 | ... | ... | ... | 045 04 | 050 09 | 055 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 280 04 | 230 05 | 175 05 | 215 13 | 250 20 | 255 27 | ... | ... | ... | 070 01 | 330 04 | 270 05 | ... | ... | ... | 260 04 | 240 05 | 200 05 | 260 12 | 245 13 | 190 09 | 215 21 | 245 48 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | 290 01 | 270 09 | 330 04 | | | | | | | | | | | |
| Ishurdi | | | | | | | | | | 355 04 | 330 04 | 285 05 | 255 08 | 275 20 | 275 29 | 010 09 | 010 09 | 355 05 | 280 06 | 280 05 | ... | ... | ... | ... | ... | ... |
| Jacobabad | 290 03 | 240 03 | 240 03 | 135 02 | 180 04 | 200 10 | 290 17 | 285 25 | 290 29 | 175 04 | 170 04 | 180 04 | 205 06 | 245 07 | 250 05 | 155 06 | 190 03 | 210 05 | 260 04 | 180 06 | 130 13 | | ... | ... | ... | ... |
| Jaccore | 175 02 | 190 05 | 205 04 | 235 15 | 285 18 | 295 21 | ... | ... | ... | 290 14 | 290 12 | 290 14 | 255 09 | 270 12 | 280 18 | 225 02 | 355 04 | 320 04 | 245 09 | 215 15 | 240 17 | ... | ... | ... | ... | ... |
| Jhelum | 330 05 | 305 09 | 295 09 | 325 08 | 080 10 | 100 04 | 298 19 | 285 14 | 280 25 | 310 09 | 300 11 | 360 07 | 350 04 | 265 03 | 215 01 | 310 04 | 255 07 | 255 06 | 135 05 | 170 05 | 135 04 | 205 01 | 205 09 | 215 10 | 225 16 | 245 19 |
| Jiwani | 285 04 | 165 04 | 150 08 | 135 07 | 140 11 | 215 10 | 240 15 | 240 25 | 255 24 | 280 07 | 225 05 | 195 07 | 170 09 | ... | ... | 325 07 | 260 07 | 250 07 | 215 07 | 305 09 | 253 12 | 255 15 | 250 14 | 250 28 | ... | ... |
| Karachi | 065 05 | 055 04 | 050 08 | 065 05 | 260 03 | 320 08 | 250 15 | 255 20 | 265 19 | | | | | | | 040 07 | 050 06 | 080 04 | 205 03 | 215 07 | 220 19 | 235 18 | 245 26 | 245 35 | 245 33 | ... |
| Khanpur | 115 02 | 010 02 | 060 02 | 110 06 | 015 05 | 345 12 | ... | ... | ... | 090 09 | 050 12 | 085 01 | 115 05 | 110 11 | 115 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 230 09 | 205 09 | 245 14 | 260 24 | 260 28 | 260 33 | | | ... | 150 11 | 185 11 | 285 10 | | | | 310 03 | 270 08 | 170 14 | 230 08 | 240 18 | 230 23 | 240 28 | 250 47 |
| Lahore | 305 07 | 290 10 | 290 10 | 300 09 | 340 10 | 005 07 | 005 06 | 330 13 | 330 20 | 315 10 | 290 11 | 305 10 | 320 09 | 355 07 | 355 08 | 325 04 | 295 08 | 295 09 | 290 07 | 255 03 | 050 04 | 275 03 | 245 13 | 240 16 | ... | ... |
| Multan | 175 07 | 205 04 | 305 02 | 320 03 | 330 09 | 315 10 | 265 25 | 265 29 | 270 36 | 215 06 | 245 07 | 235 10 | 280 13 | 280 07 | 245 13 | 180 14 | 215 13 | 215 10 | 320 04 | 290 09 | 275 08 | 245 15 | 245 19 | 235 23 | ... | ... |
| Nawab Shah | 010 03 | 045 05 | 045 05 | 050 08 | 355 08 | 255 15 | 245 18 | 260 28 | 260 40 | ... | ... | ... | ... | ... | ... | 125 08 | 125 05 | 025 03 | 025 04 | 125 07 | 085 18 | 200 15 | 280 20 | 240 32 | ... | ... |
| Nokkundi | ... | ... | 160 10 | 170 17 | 170 14 | 175 11 | 270 19 | 265 11 | 300 14 | ... | ... | 080 05 | 285 14 | 240 10 | 165 18 | ... | ... | 080 12 | 065 10 | 090 11 | 115 05 | ... | ... | ... | ... | ... |
| Panjgur | ... | | | 210 16 | 215 18 | 185 13 | 210 11 | 245 17 | | ... | ... | ... | 235 29 | 215 18 | 195 37 | ... | ... | ... | 240 08 | 225 13 | 240 08 | 250 10 | 235 20 | 235 16 | ... | ... |
| Peshawar | ... | 305 05 | 315 07 | 335 04 | 005 04 | 340 05 | 270 08 | 285 15 | 285 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | 145 07 | 070 04 | 250 39 | 180 51 | 280 17 | ... | ... | ... | 265 06 | 115 01 | ... | ... | ... | ... | ... | 045 05 | 180 02 | 220 09 | 240 08 | 240 13 | 245 15 | 225 17 |
| Quetta | ... | ... | ... | ... | 205 12 | 270 09 | 265 17 | 260 19 | ... | ... | ... | ... | ... | 205 03 | 240 07 | ... | ... | ... | ... | 170 04 | 170 08 | 210 19 | ... | ... | ... | ... |
| Sargodha | 275 03 | 280 05 | 305 08 | 345 09 | 355 10 | 328 06 | 285 12 | 270 20 | 275 19 | 295 10 | 320 09 | 340 05 | 335 06 | 290 04 | 256 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 350 01 | 220 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 260 18 | 260 10 | 245 08 | 230 07 | 245 05 | 320 08 | ... | ... | ... | 050 04 | 015 01 | 260 03 | 280 11 | 290 15 | 285 21 | 125 09 | 135 09 | 110 03 | 270 09 | 285 13 | 327 00 | 139 03 | 270 15 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 345 10 | 345 06 | 080 06 | 120 04 | 090 06 | 150 10 | 215 12 | 245 26 | 255 57 | 255 33 | 255 52 | 265 82 | ... | ... | ... | ... | ... | ... |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C

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

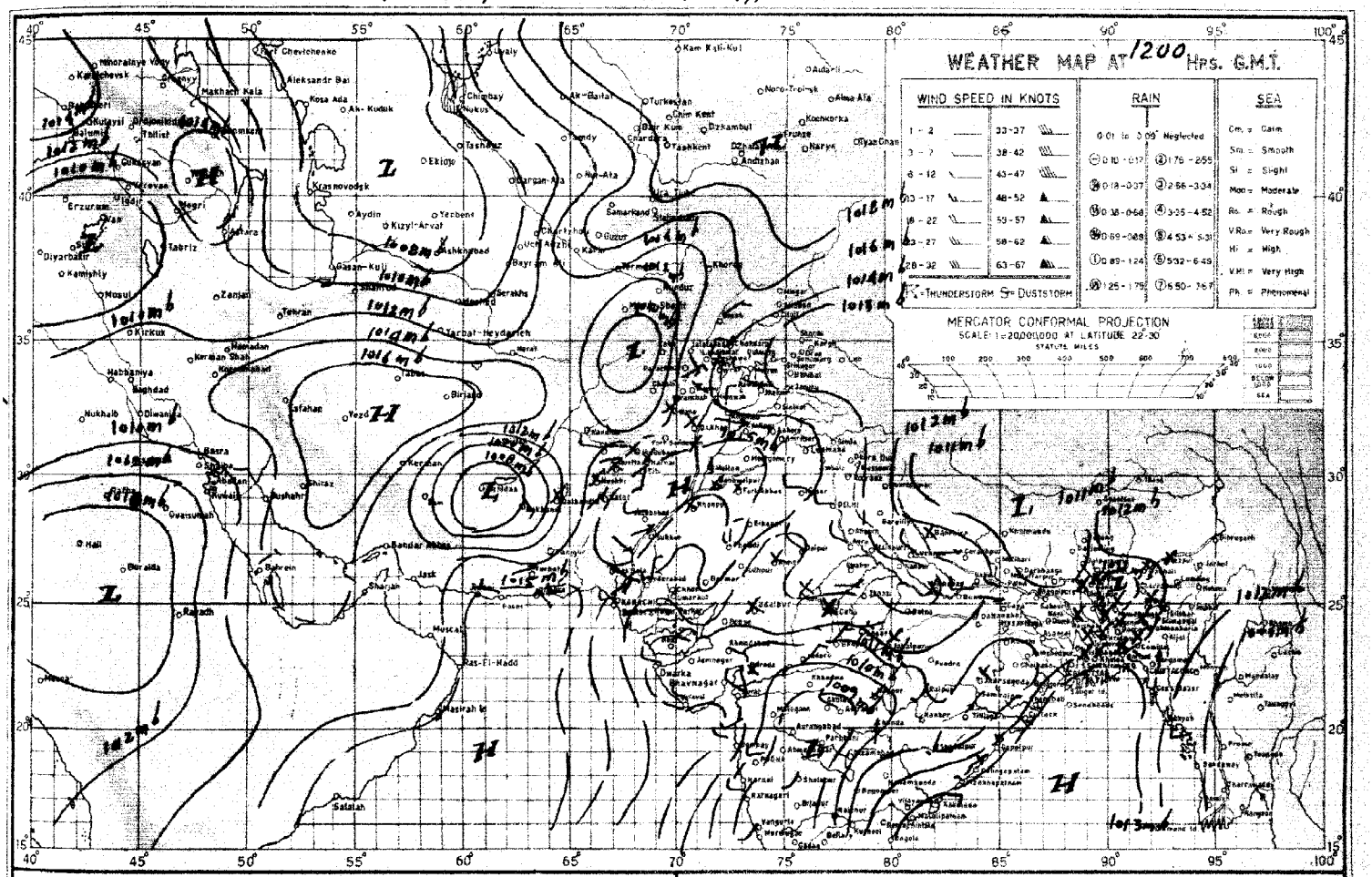
† The actual time of observations may vary within half an hour of the specified time.

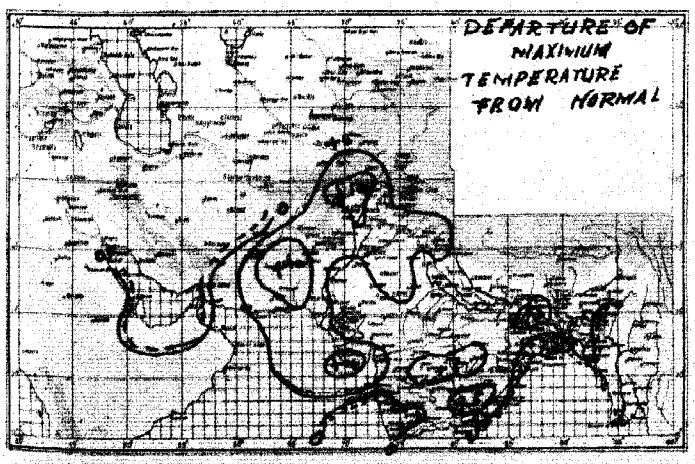
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

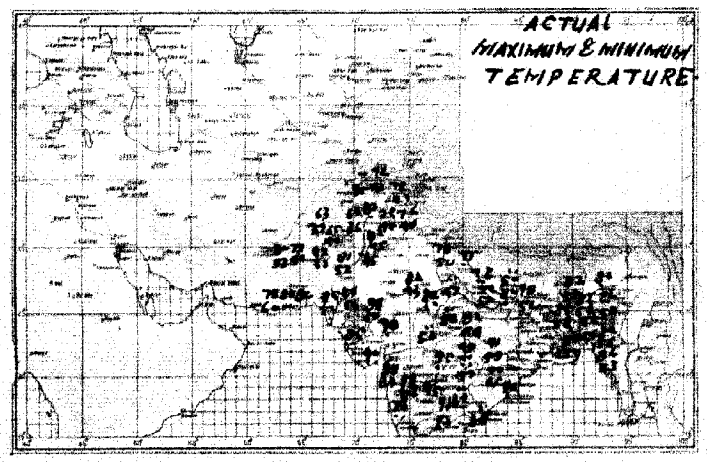
The accuracy of individual entries in this report cannot be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (AF) Peri, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

FRIDAY 13TH FEBRUARY 1970

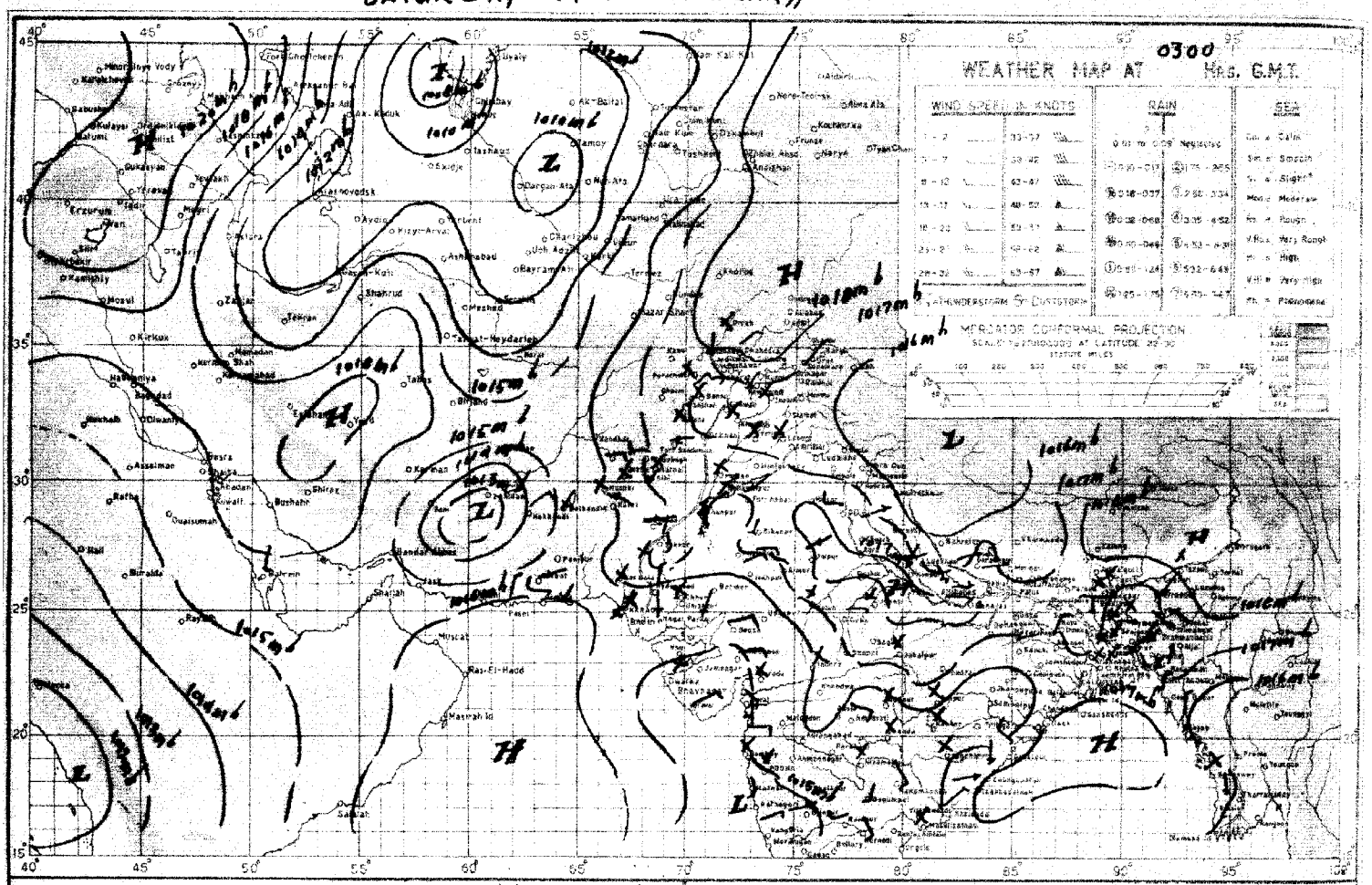


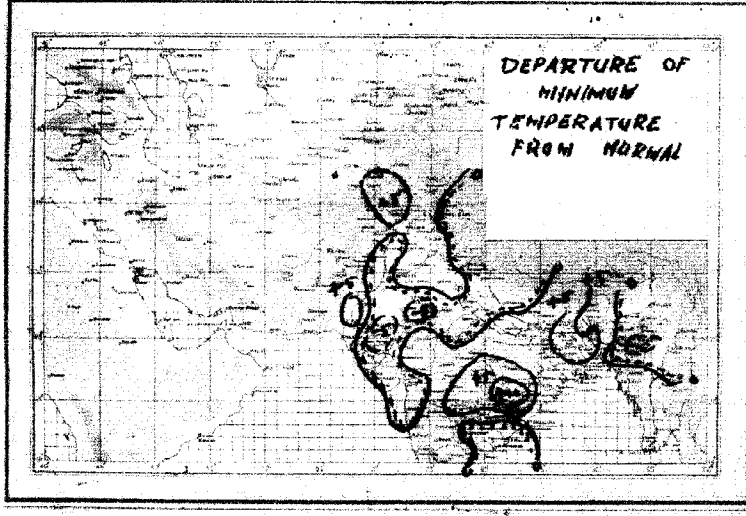



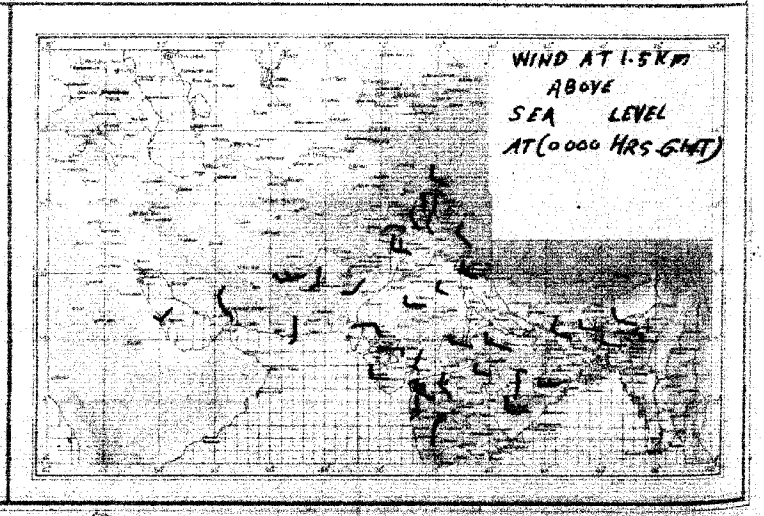



# PAKISTAN DAILY WEATHER MAP

SATURDAY 14TH FEBRUARY, 1970.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SUNDAY THE 15th FEBRUARY 1970.**

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

Yesterday's western disturbance over Afghanistan is moving across north of Peshawar division. Scattered rain occurred in Chittagong division otherwise weather remained dry elsewhere over the country. Chief amounts of rainfall recorded was ½" at Commila.

Night temperatures were 3—5 °F (2—3 °C) above normal in East Pakistan, Lahore, Sargodha, Peshawar, D. I. Khan, Quetta, Kalat, Hyderabad and Khairpur divisions.

**Forecast valid until the evening of 16th February 1970 :—** Scattered thunderstorm/showers may occur in Peshawar, Rawalpindi division and Kashmir. Dry weather is likely to prevail elsewhere over the country.

Karachi-11
The 15th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions | Stations | Rainfall in Cents RRR | Past weather commenced at † Wt | Total cloud amount N | Wind direction in tens of degrees dd | Winds speed in Knots ff | Horizontal visibility† VV | Present weather † ww | Past weather † W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature * TT | Amount of Lowest Cloud † Nh | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Maximum temperature °F TxTx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati | 000 | 0 | 6 | 18 | 02 | 96 | 00 | 6 | 141 | 82 | 0 | 0 | 9 | 0 | 0 | 50 | 88 |
| | Cox's Bazar | 000 | 0 | 6 | 31 | 08 | 96 | 02 | 0 | 140 | 76 | 0 | 0 | 9 | 0 | 6 | 59 | 85 |
| | Chittagong | 000 | 0 | 2 | 27 | 02 | 96 | 03 | 0 | 139 | 76 | 1 | 0 | 9 | 2 | 1 | 60 | 85 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 005 | 1 | 6 | 00 | 00 | 96 | 21 | 0 | 144 | 70 | 0 | 0 | 9 | 0 | 0 | 62 | 86 |
| | Brahmanbaria | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 1 | 135 | 77 | 3 | 5 | 5 | 0 | 0 | 72 | 85 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 136 | 75 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | // | 01 | 1 | 147 | 75 | 4 | 5 | 5 | 0 | 0 | 60 | 82 |
| | Narayanganj | 000 | 0 | 3 | 23 | 02 | // | 02 | 0 | 134 | 80 | 3 | 6 | 6 | 0 | 0 | 66 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 3 | 23 | 02 | 96 | 01 | 0 | 131 | 78 | 3 | 8 | 6 | 0 | 0 | 42 | 85 |
| | Faridpur | 000 | 0 | 1 | 34 | 02 | 96 | 01 | 1 | 129 | 80 | 1 | 5 | 7 | 0 | 0 | 60 | 85 |
| Khulna | Barisal | 000 | 0 | 3 | 00 | 00 | 94 | 01 | 2 | 137 | 70 | 3 | 8 | 5 | 0 | 0 | 66 | 85 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 80 | 0 | 0 | 9 | 0 | 0 | 70 | 88 |
| | Satkhira | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 2 | 139 | 88 | 6 | 0 | 9 | 4 | 0 | 70 | 88 |
| | Jessore | 000 | 0 | 1 | 36 | 07 | 96 | 02 | 0 | 134 | 80 | 1 | 4 | 4 | 0 | 0 | 58 | 86 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 134 | 80 | 0 | 0 | 9 | 0 | 0 | 59 | 85 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 129 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 145 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Bogra | 000 | 0 | 0 | 31 | 02 | // | 02 | 0 | 138 | 76 | 0 | 0 | 9 | 0 | 0 | 49 | 85 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 136 | 74 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 118 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 27 | 02 | 96 | 02 | 0 | 132 | 74 | 0 | 0 | 9 | 3 | 1 | 37 | 77 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 105 | 72 | 2 | 0 | 9 | 0 | 0 | // | 82 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 128 | 76 | 0 | 0 | 9 | 0 | 0 | 41 | 78 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 4 | 00 | 00 | 99 | 02 | 0 | 130 | 72 | 0 | 0 | 9 | 0 | 4 | 38 | 77 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 5 | 00 | 00 | 97 | 00 | 0 | 126 | 78 | 0 | 0 | 9 | 0 | 5 | 13 | 80 |
| | Sargodha | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 130 | 78 | 0 | 0 | 9 | 0 | 0 | 37 | 80 |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | 134 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 71 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 18 | 05 | 97 | 02 | 0 | 134 | 76 | 0 | 0 | 9 | 0 | 0 | 38 | 78 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bahawalpur | Khanpur | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 2 | 126 | 82 | 0 | 0 | 9 | 0 | 1 | 38 | 84 |
| | Bahawalpur | 000 | 0 | 5 | 00 | 00 | 96 | 00 | 0 | 132 | 80 | 0 | 0 | 9 | 0 | 0 | 41 | 82 |
| | Fort Abbas | 000 | 0 | 8 | 23 | 02 | 98 | 00 | 0 | 151 | 76 | 0 | 0 | 9 | 0 | 9 | 66 | 78 |
| Malakand | Chakdra | 000 | 0 | 4 | 23 | 03 | 98 | 01 | 1 | 100 | 70 | 0 | 0 | 9 | 0 | 4 | 44 | 74 |
| Peshawar | Peshawar | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | 121 | 74 | 0 | 0 | 9 | 0 | 1 | 42 | 77 |
| | Haripur | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 133 | 70 | 0 | 0 | 9 | 0 | 0 | 42 | 74 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 13 | 01 | 99 | 01 | 1 | 124 | 74 | 0 | 0 | 9 | 4 | 0 | 37 | 78 |
| | D. I. Khan | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 130 | 76 | 7 | 0 | 9 | 2 | 0 | 44 | 82 |
| Quetta | Sibi | 000 | 0 | 6 | 00 | 09 | 97 | 03 | 1 | 130 | 82 | 4 | 2 | 9 | 4 | 2 | 38 | 84 |
| | Nokkundi | 000 | 0 | 6 | 09 | 05 | 96 | 02 | 2 | 097 | 74 | 6 | 5 | 7 | 0 | 0 | 28 | 75 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 158 | 80 | 0 | 0 | 9 | 0 | 0 | 34 | 89 |
| | Jiwani | 000 | 0 | 0 | 32 | 07 | 96 | 01 | 0 | 130 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 77 |
| | Pasni | 000 | 0 | 0 | 25 | 04 | 97 | 02 | 0 | 135 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 85 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 138 | 76 | 0 | 0 | 9 | 0 | 0 | 53 | 79 |
| | Lasbela | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 188 | 86 | 0 | 0 | 8 | 0 | 0 | 39 | 88 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 134 | 75 | 0 | 0 | 9 | 0 | 0 | 42 | 80 |
| | Karachi (Airport) | 000 | 0 | 0 | 35 | 07 | 96 | 02 | 0 | 119 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 85 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 151 | 85 | 0 | 0 | 9 | 0 | 0 | 07 | 89 |
| | Chhor | 000 | 0 | 0 | 31 | 03 | 94 | 02 | 0 | 115 | 85 | 0 | 0 | 9 | 0 | 0 | 29 | 88 |
| | Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 126 | 83 | 0 | 0 | 9 | 0 | 0 | 28 | 86 |
| | Badin | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 123 | 86 | 0 | 0 | 9 | 0 | 0 | 13 | 89 |
| Khairpur | Padidan | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 128 | 81 | 0 | 0 | 9 | 0 | 0 | 42 | 84 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 131 | 84 | 0 | 0 | 9 | 0 | 0 | 49 | 84 |
| | Sukkur | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 118 | 83 | 3 | 0 | 9 | 0 | 0 | 31 | 86 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 1 | 127 | 81 | 0 | 0 | 9 | 0 | : | 39 | 82 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 7 | 13 | 03 | 97 | 02 | 0 | 314 | 49 | 2 | 5 | 7 | 5 | 0 | 08 | 65 |
| Peshawar | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 510 | 62 | 0 | 0 | 9 | 0 | 0 | 28 | 66 |
| | Kakul * | 000 | 0 | 2 | 16 | 05 | 99 | 03 | 0 | 505 | 63 | 0 | 0 | 9 | 0 | 1 | 08 | 70 |
| | Landikotal * | 000 | 0 | 4 | 36 | 03 | 98 | 01 | 0 | 637 | 66 | 0 | 0 | 5 | 0 | 1 | 63 | 66 |
| | Parachinar * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 510 | 62 | 0 | 0 | 9 | 0 | 0 | 28 | 67 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 530 | 70 | 0 | 0 | 9 | 0 | 0 | 37 | 72 |
| | Wana * | 000 | 0 | 3 | 13 | 03 | 99 | 03 | 0 | 471 | 65 | 3 | 3 | 0 | 0 | 0 | 49 | 70 |
| Quetta | Fort Sandeman * | 000 | 0 | 5 | 34 | 05 | 97 | 01 | 2 | 490 | 64 | 3 | 0 | 9 | 4 | 1 | 18 | 66 |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 48 | 0 | 0 | 9 | 0 | 0 | 26 | 44 |
| | Loralai * | 000 | 0 | 0 | 27 | 05 | 97 | 01 | 0 | 490 | 45 | 0 | 1 | 9 | 0 | 8 | 35 | 49 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 485 | 71 | 0 | 0 | 9 | 0 | 0 | 25 | 74 |
| | Samungli (Quetta) * | 000 | 0 | 6 | 02 | 10 | 96 | 02 | 0 | 493 | 60 | 0 | 0 | 9 | 0 | 2 | 30 | 62 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 543 | 55 | 0 | 0 | 9 | 0 | 0 | 25 | 58 |
| | Nushki * | 000 | 0 | 4 | 31 | 03 | 97 | 02 | 0 | 503 | 71 | 0 | 0 | 9 | 0 | 2 | 43 | 75 |
| | Dalbandin * | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 0 | 580 | 73 | 0 | 0 | 9 | 3 | 0 | 30 | 74 |
| Kalat | Kalat * | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 2 | 491 | 58 | 0 | 0 | 9 | 0 | 0 | 19 | 65 |
| | Khuzdar * | 000 | 0 | 0 | 13 | 02 | 97 | 01 | 0 | 481 | 69 | 0 | 0 | 9 | 0 | 0 | 25 | 71 |
| | Panjgur * | 000 | 0 | 0 | 23 | 05 | 96 | 03 | 1 | 472 | 70 | 2 | 0 | 9 | 3 | 0 | 18 | 71 |

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

| Stations | Rainfall in Cents RRR | Past weather commenced at † We | Total cloud amount N | Wind direction in tens of degrees dd | Wind speed in knots ff | Horizontal visibility † VV | Present weather † ww | Past Weather W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature TT | Amounts of Lowest Cloud † h | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Minimum temperature TnTn | Departure: Maximum temperature TxTx | Departure: Minimum Temperature TnTn | Rainfall: Since 1st November, 1969 to-date | Rainfall: Departure from normal | Rainfall: Since 1st January, 1970 to-date | Rainfall: Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Rangamati | 000 | 5 | 0 | 23 | 02 | 97 | 08 | 4 | 195 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 64 | — | — | 1.8 | — | 0.3 | — |
| Cox's Bazar | ... | ... | .. | ... | .. | .. | .. | .. | .. | ... | ... | .. | ... | .. | .. | .. | .. | + 3 | | | | | 140 |
| Chittagong | ... | ... | .. | ... | .. | .. | .. | .. | .. | ... | ... | .. | ... | .. | .. | .. | .. | + 3 | | | | | 108 |
| Maijdee Court | 000 | 0 | 0 | 36 | 02 | 97 | 01 | 2 | 175 | 73 | 0 | 0 | 9 | 0 | 0 | 65 | 66 | | + 5 | 1.0 | — 1.4 | 0.7 | 115 |
| Comilla | 040 | 9 | 0 | 31 | 05 | 96 | 02 | 6 | 181 | 70 | 0 | 0 | 9 | 0 | 0 | 60 | 56 | + 5 | — 1 | 1.7 | — 0.7 | 1.2 | 94 |
| Brahmanbaria | ... | ... | ... | ... | | | | | ... | ... | ... | | ... | | | | | — | | | | | 78 |
| Sylhet | 080 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 232 | 70 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — | — | 3.6 | — | 2.1 | — |
| Srimangal | 000 | 0 | 0 | 11 | 05 | 96 | 00 | 0 | 172 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 48 | | — 3 | 3.0 | + 0.4 | 1.5 | 98 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 156 | 75 | 0 | 0 | 9 | 0 | 0 | 58 | 58 | + 4 | + 2 | 1.2 | — 0.4 | 0.9 | 91 |
| Narayanganj | 000 | 0 | 0 | 09 | 00 | 97 | 00 | 0 | 193 | 75 | 0 | 0 | 6 | 0 | 0 | 40 | 63 | + 1 | + 5 | 2.8 | + 0.6 | 1.1 | 74 |
| Dacca (Tejgaon) | ... | ... | ... | — | | | | | | | | | | | | | | — | | | | | — |
| Faridpur | 000 | 0 | 0 | 03 | 00 | 97 | 00 | 0 | 179 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 60 | + 6 | + 5 | 2.4 | + 0.3 | 0.7 | 71 |
| Barisal | 000 | 0 | 6 | 00 | 00 | 96 | 05 | 4 | 184 | 72 | 1 | 1 | 9 | 1 | 1 | 66 | 64 | + 4 | + 4 | 1.8 | — 1.5 | 0.1 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 202 | 75 | 0 | 0 | 9 | 0 | 0 | 67 | 45 | + 7 | + 7 | 1.5 | — 0.8 | 0.1 | 68 |
| Satkhira | 000 | 9 | 0 | 00 | 00 | 97 | 00 | 0 | 186 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | + 4 | + 3 | 0.2 | — 1.6 | 0.0 | 45 |
| Jessore | ... | .. | — | ... | — | ... | ... | ... | ... | ... | .. | .. | .. | .. | ... | — | ... | — | | | | | 65 |
| Pabna | ... | .. | .. | ... | | | | | ... | | | | | | | ... | .. | — | | | | | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 98 | 98 | 00 | 0 | 198 | 67 | 0 | 0 | 9 | 0 | 0 | 52 | 38 | + 1 | + 5 | 1.9 | + 0.4 | 1.5 | 64 |
| Rajshahi | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 202 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 3 | 0 | 4.1 | + 2.7 | 1.2 | — |
| Bogra | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 191 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 58 | — 3 | + 4 | 1.7 | + 0.2 | 0.5 | 69 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 205 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | 56 | + 4 | + 3 | 1.6 | + 0.4 | 0.8 | 73 |
| Rangpur | 000 | 0 | 0 | 03 | 00 | 96 | 01 | 0 | 173 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | + 3 | + 3 | 2.3 | + 1.1 | 0.8 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 6 | 00 | 00 | 95 | 00 | 0 | 182 | 50 | 6 | 0 | 9 | 7 | 0 | 45 | 48 | + 6 | + 5 | 0.8 | — 1.4 | 0.8 | 19 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 150 | 69 | 0 | 0 | 9 | 0 | 0 | 45 | 53 | + 14 | + 7 | 1.6 | — 2.2 | 1.6 | 32 |
| Jhelum | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 186 | 52 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | — | — | 1.7 | — | 1.7 | — |
| Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| Rawalpindi | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 195 | 49 | 0 | 0 | 9 | 0 | 8 | 42 | 42 | + 9 | + 1 | 2.9 | — 2.3 | 2.7 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 182 | 54 | 0 | 0 | 9 | 0 | 0 | 53 | 46 | + 11 | + 1 | 0.3 | — 1.5 | 0.3 | 15 |
| Sargodha | 000 | 0 | 6 | 07 | 02 | 96 | 02 | 0 | 189 | 49 | 1 | 0 | 9 | 3 | 2 | 43 | 45 | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 163 | 51 | 0 | 0 | 9 | 0 | 4 | 40 | 46 | + 9 | + 3 | 0.4 | — 0.6 | 0.4 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 174 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | + 7 | 0 | 0.1 | — 0.8 | 0.1 | 7 |
| Leiah | 000 | 0 | 0 | 36 | 00 | 92 | 00 | 0 | 002 | 42 | 0 | 0 | 9 | 0 | 0 | 41 | 38 | | — | 0.0 | — | 0.0 | 8 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 169 | 52 | 0 | 0 | 9 | 0 | 0 | 41 | 42 | + 7 | — 5 | 0.7 | — 0.0 | 0.4 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 187 | 62 | 0 | 0 | 9 | 0 | 0 | 38 | 49 | + 7 | + 1 | 0.0 | — 0.5 | 0.0 | 6 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 181 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | // | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | 000 | 0 | 4 | 05 | 02 | 98 | 02 | 1 | 192 | 46 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | 000 | 0 | 5 | 23 | 03 | 97 | 01 | 2 | 188 | 49 | 0 | 0 | 9 | 0 | 4 | 38 | 48 | + 12 | + 5 | — | — | — | 11 |
| Haripur | ... | ... | .. | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Bannu | 000 | 0 | 3 | 27 | 01 | 99 | 01 | 0 | 183 | 54 | 0 | 0 | 9 | 0 | 0 | 34 | 42 | — | — | 0.7 | — | 0.3 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 184 | 48 | 0 | 0 | 9 | 0 | 0 | 45 | 46 | + 12 | + 5 | — | — | — | 9 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 181 | 54 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | — | — | 0.0 | — | 0.0 | 8 |
| Nokkundi | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 178 | 53 | 0 | 0 | 9 | 0 | 0 | 35 | 52 | — | — | 1.7 | — | 1.7 | 3 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 198 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 59 | — | — | 0.4 | — | 0.4 | — |
| Jiwani | 002 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 163 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — | — | 8.7 | — | 7.9 | 8 |
| Pasni | 000 | 0 | 0 | 29 | 04 | 97 | 02 | 0 | 157 | 66 | 0 | 0 | 9 | 0 | 0 | 48 | // | + 9 | / | 2.5 | — 1.3 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 168 | 61 | 0 | 0 | 9 | 0 | 0 | 57 | // | — | — | 2.3 | — 1.1 | 2.3 | 6 |
| Lasbela | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 170 | 62 | 0 | 0 | 9 | 0 | 0 | 37 | 50 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 62 | + 4 | + 2 | 0.3 | — 0.7 | 0.3 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 158 | 56 | 0 | 0 | 9 | 0 | 0 | 43 | 53 | — | — | 0.3 | — | 0.3 | — |
| Nagarparkar | ... | | | .. | .. | ... | | | ... | ... | | ... | ... | | | ... | .. | — | | | | | — |
| Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 144 | 51 | 0 | 0 | 9 | 0 | 0 | 31 | 45 | — | — | 0.0 | — | 0.0 | 7 |
| Hyderabad | 000 | 0 | 0 | 34 | 02 | 97 | 02 | 0 | 160 | 59 | 0 | 0 | 9 | 0 | 0 | 33 | 57 | + 7 | + 4 | 0.2 | — 0.3 | 0.2 | 9 |
| Badin | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 153 | 58 | 0 | 0 | 9 | 0 | 0 | 35 | 55 | + 7 | 0 | 0.1 | — 0.6 | 0.1 | — |
| Padidan | 000 | 0 | 0 | 05 | 03 | 97 | 03 | 0 | 163 | 54 | 0 | 0 | 9 | 0 | 0 | 25 | 45 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 03 | 0 | 165 | 50 | 0 | 0 | 9 | 0 | 0 | 39 | 47 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 2 | 0 | 16 | 03 | 95 | 05 | 4 | 165 | 62 | 0 | 0 | 9 | 0 | 0 | 44 | 52 | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 163 | 55 | 0 | 0 | 9 | 0 | 0 | 45 | 54 | + 7 | + 5 | 0.2 | — 0.3 | 0.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 88 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 89 |
| Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh * | 000 | 0 | 7 | 09 | 03 | 96 | 01 | 2 | 546 | 46 | 2 | 5 | 7 | 0 | 0 | 24 | 40 | + 15 | + 7 | 1.6 | — | 1.0 | 29 |
| Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 520 | 49 | 0 | 0 | 9 | 0 | 0 | 27 | 46 | + 15 | + 6 | 2.0 | — 4.3 | 1.4 | — |
| Kakul * | 000 | 0 | 3 | 02 | 03 | 98 | 03 | 1 | 532 | 54 | 1 | 0 | 9 | 3 | 2 | 30 | 48 | — | — | 2.9 | — | 1.9 | — |
| Landikotal * | 000 | 0 | 4 | 34 | 02 | 98 | 01 | 4 | 516 | 41 | 4 | 0 | 9 | 3 | 0 | 27 | 33 | — | — | 0.9 | — | 0.2 | 29 |
| Parachinar * | 000 | 0 | 6 | 02 | 03 | 97 | 03 | 0 | 540 | 45 | 0 | 0 | 9 | 0 | 4 | 23 | 38 | + 15 | + 7 | 2.2 | — | 1.6 | 18 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 494 | 36 | 0 | 0 | 9 | 0 | 0 | 25 | 32 | — | — | 0.0 | — 2.3 | 0.0 | 11 |
| Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 502 | 46 | 0 | 0 | 9 | 0 | 0 | 43 | 36 | — | — | 1.6 | — | 1.6 | 13 |
| Fort Sandeman * | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 511 | 43 | 0 | 0 | 9 | 0 | 0 | 20 | 37 | + 8 | + 3 | 0.4 | — 1.5 | 0.4 | — |
| Hindubagh * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 24 | // | — | — | 1.2 | — | 1.0 | 9 |
| Loralai * | 000 | 0 | 8 | 18 | 03 | 97 | 01 | 0 | 490 | 35 | 0 | 1 | 9 | 0 | 8 | 25 | 34 | — | — | 0.3 | — | 0.3 | — |
| Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 487 | 50 | 0 | 0 | 9 | 0 | 0 | 31 | 48 | — | — | 0.7 | — 2.0 | 0.7 | 9 |
| Samungli (Quetta) * | 000 | 0 | 0 | 03 | 00 | 96 | 02 | 1 | 530 | 34 | 6 | 0 | 9 | 0 | 0 | 26 | 31 | — | — | 1.9 | — 2.5 | 1.2 | 9 |
| Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 548 | 39 | 0 | 0 | 9 | 0 | 0 | 20 | 37 | + 2 | 0 | 7.7 | + 3.2 | 7.7 | — |
| Nushki * | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 552 | 55 | 0 | 0 | 9 | 0 | 0 | 27 | 54 | — | — | 3.0 | — | 2.9 | 4 |
| Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 305 | 45 | 0 | 0 | 9 | 0 | 0 | 36 | 44 | + 9 | + 4 | 2.3 | — 0.1 | 2.2 | 7 |
| Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 539 | 36 | 0 | 0 | 9 | 0 | 0 | 31 | 34 | + 12 | + 3 | 0.9 | — 2.5 | 0.9 | — |
| Khuzdar * | 092 | 0 | 9 | 00 | 00 | 96 | 02 | 0 | 495 | 45 | 0 | 0 | 9 | 0 | 0 | 25 | 43 | — | — | 1.0 | — | 0.7 | 5 |
| Panjgur * | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 505 | 46 | 0 | 0 | 9 | 0 | 0 | 28 | 44 | + 4 | + 2 | — | — | — | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 15th FEBRUARY, 1970**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR\,t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Almahroosa | 99 1 89 | 10 6 33 | 14 0 63 | 81 3 03 | 99 0 20 | 19 7 25 | 00 9 00 | 33 0 30 | | | 00 3 20 | | 30 5 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 013 182 43 | ... | 500 110 56 | 110 046 59 | 576 135 59 | 741 235 59 | 948 365 58 | 218 563 // | 395 685 // | 634 365 // | ... | ... | ... |
| Dacca ... | 00 00 | 016 160 25 | ... | 490 112 58 | 126 070 59 | 580 217 61 | 747 245 60 | 951 357 60 | 222 539 // | 492 561 // | 643 745 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 011 154 35 | ... | 450 014 57 | 039 031 // | 563 155 // | 729 241 // | 924 155 // | 209 475 // | ... | ... | — | ... | ... |
| Multan ... | 00 00 | 000 110 61 | ... | 500 046 45 | /// 111 // | 511 971 // | ... | | | — | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 974 094 58 | ... | 500 070 57 | 500 070 57 | 565 153 // | 720 259 // | 932 399 // | 200 529 // | — | ... | ... | ... | ... |
| Quetta ... | 00 00 | 817 056 55 | ... | /// /// // | 035 010 // | 565 173 // | 728 307 // | 938 383 // | 203 485 // | ... | ... | — | ... | ... |
| Sargodha ... | 00 00 | 994 094 56 | ... | 460 054 58 | 037 095 50 | 559 261 // | 714 351 // | 910 465 // | 172 581 // | ... | — | — | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed ($P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$) | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 140 50 | 800 060 54 | 730 022 26 | 709 054 58 | 437 000 58 | 400 035 58 | 350 275 59 | ... | ... | 066 276 71 | ... | ... |
| Dacca ... | 00 00 | 900 152 58 | 800 064 57 | 725 070 59 | 615 000 59 | 400 017 59 | 350 297 60 | ... | ... | ... | ... | — | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | — | ... | — | ... | — | | ... | ... |
| Peshawar ... | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | 195 210 97 | — | ... |
| Quetta ... | 00 00 | 800 060 // | 600 079 // | 350 329 // | 201 483 // | ... | ... | — | ... | ... | — | — | — |
| Sargodha ... | 00 00 | ... | ... | — | ... | ... | ... | ... | ... | — | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 220 06 | 220 06 | 245 05 | 255 10 | | ... | ... | | ... | 045 12 | 050 // | 060 06 | 145 03 | 305 12 | 320 15 |
| Bogra | 290 10 | 270 08 | 270 06 | 265 07 | 215 07 | 270 17 | 290 43 | 290 45 | 285 53 | 020 09 | 015 05 | 360 05 | 320 12 | 295 04 | 315 23 |
| Chaklala | ... | 320 05 | 205 04 | 155 03 | 100 05 | 230 07 | 225 06 | 235 07 | 240 14 | ... | 055 04 | 070 03 | 100 03 | 190 05 | 265 07 |
| Chhor | 300 03 | 340 05 | 015 05 | 155 06 | 185 13 | 245 25 | 025 30 | 235 29 | 240 32 | 035 13 | 030 11 | 025 06 | 240 04 | 225 11 | 240 12 |
| Chittagong | 220 05 | 200 02 | 280 03 | 295 06 | 280 17 | 295 30 | 275 38 | 270 37 | 260 42 | — | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | | | ... | ... | ... | ... | ... | ... | | ... | | ... |
| Cox's Bazar | 320 14 | 310 11 | 310 07 | 330 09 | 345 04 | 020 05 | . | ... | ... | 355 12 | 355 18 | 005 20 | 015 22 | 015 19 | ... |
| Dacca | 195 05 | 225 03 | 255 04 | | ... | ... | ... | ... | ... | /// // | /// // | /// // | 320 04 | // // | 310 19 |
| Dalbandin | ... | | 280 01 | 185 04 | 175 03 | 190 11 | ... | .. | ... | ... | ... | 265 03 | 010 04 | 035 05 | 005 05 |
| D. I. Khan | 190 09 | 180 08 | 130 02 | 145 08 | 135 12 | 050 14 | .. | ... | ... | 125 06 | 250 03 | 300 05 | 315 06 | 335 06 | 265 07 |
| Drosh | ... | ... | ... | 180 02 | 005 01 | 015 05 | 240 05 | 140 12 | | | ... | .. | 095 01 | 015 01 | 015 03 |
| Fort Sandeman | ... | ... | ... | 330 06 | 255 07 | 225 05 | 215 12 | 230 22 | 245 24 | .. | .. | .. | 065 08 | 085 13 | 110 35 |
| Gilgit | .. | ... | .. | 175 01 | 285 02 | 340 02 | 125 14 | 205 14 | 215 15 | ... | .. | ... | 180 05 | 280 06 | ... |
| Ishurdi | 280 06 | 290 06 | 255 05 | 205 04 | 220 05 | 285 13 | ... | ... | | 060 11 | 065 06 | 005 06 | 315 12 | 345 23 | 340 26 |
| Jacobabad | 255 02 | 195 02 | 195 02 | 270 03 | 205 05 | 215 13 | 230 19 | 220 31 | 225 36 | 175 03 | 185 04 | 195 06 | 220 05 | 250 03 | 240 07 |
| Jessore | 345 09 | 345 07 | 345 02 | 215 02 | 230 09 | 275 37 | ... | | ... | 055 19 | 055 12 | 345 08 | 325 13 | 320 15 | 320 25 |
| Jhelum | 225 05 | 205 05 | 195 03 | 210 01 | 130 06 | 140 07 | 210 09 | 230 17 | 235 10 | 185 03 | 145 05 | /// // | 090 09 | 145 08 | 130 07 |
| Jiwani | 245 13 | 270 13 | 285 11 | 335 13 | 345 21 | 340 17 | 270 33 | 275 39 | 280 40 | 260 11 | 270 13 | 280 10 | 315 12 | 355 14 | 035 13 |
| Karachi | 245 08 | 270 03 | 025 24 | 030 08 | 240 08 | 240 23 | 245 33 | 245 41 | 240 56 | | | | | | |
| Khanpur | ... | — | — | ... | | ... | | ... | ... | 140 04 | 145 03 | 120 01 | 605 03 | 325 00 | 330 15 |
| Khuzdar | .. | | .. | 195 05 | 180 04 | 240 10 | 230 21 | 240 24 | 245 26 | .. | | ... | 280 01 | 275 08 | 010 05 |
| Lahore | 305 04 | 305 06 | 275 07 | 245 04 | 220 05 | 130 08 | 220 07 | 220 13 | 255 16 | 260 03 | 270 06 | 260 06 | 290 04 | 325 03 | 040 03 |
| Multan | 180 05 | 180 08 | 255 09 | 230 08 | 235 09 | 270 12 | 230 13 | ... | ... | 165 10 | 195 06 | 240 06 | 240 09 | 250 06 | 040 02 |
| Nawab Shah | 055 01 | 125 01 | 100 01 | 090 03 | 180 01 | 250 21 | 330 27 | 230 33 | 235 44 | 015 07 | 015 07 | 025 10 | 090 05 | 115 04 | 1·0 05 |
| Nokkundi | ... | — | 080 01 | 080 08 | 040 07 | 020 08 | ... | ... | | ... | | 275 04 | 320 07 | 345 05 | 080 03 |
| Panjgur | ... | | .. | 215 08 | 200 08 | 245 12 | 220 15 | 255 28 | 205 26 | ... | | | 165 09 | 215 12 | 260 16 |
| Peshawar | . | 125 03 | 335 05 | 205 01 | 235 02 | 090 02 | 185 04 | 260 06 | 245 15 | ... | 335 03 | 005 04 | 805 02 | 315 06 | 250 11 |
| Parachinar | ... | .. | .. | ... | 130 05 | 120 03 | 195 09 | 220 15 | 220 14 | ... | .. | .. | 220 01 | 165 03 | ... |
| Quetta | | ... | ... | ... | 355 03 | 235 08 | 225 21 | ... | | ... | | | | 215 06 | 270 06 |
| Sargodha | 255 03 | 280 04 | 300 04 | 350 05 | 125 03 | 200 04 | 255 09 | 230 15 | 250 19 | 750 04 | 280 05 | 275 04 | 045 01 | 310 02 | 200 03 |
| Skardu | | ... | .. | | ... | 360 01 | 255 07 | 315 07 | ... | ... | .. | ... | .. | .. | 105 03 |
| Sylhet | 050 07 | 055 07 | 310 08 | 350 09 | 315 14 | 315 12 | ... | — | ... | ... | ... | ... | .. | ... | ... |
| Veraval | ... | ... | . | ... | ... | . | . | ... | ... | .. | ... | .. | .. | ... | — |

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 125 07 | 030 08 | 030 08 | 030 07 | 215 06 | 310 14 | 315 17 | 305 21 | 315 28 | 315 35 | 300 49 |
| Bogra | 360 10 | 360 12 | 360 10 | 010 10 | 340 13 | 260 10 | 315 23 | 315 26 | 310 31 | .. | ... |
| Chaklala | ... | 100 06 | 120 08 | 130 07 | 130 10 | 155 10 | 160 23 | | | ... | ... |
| Chhor | 030 05 | 040 08 | 030 08 | 065 04 | 200 07 | 215 15 | 215 31 | 255 33 | 260 28 | 270 23 | 260 60 |
| Chittagong | 300 03 | 015 04 | 015 05 | 020 06 | 065 04 | 115 08 | 295 19 | 295 20 | 275 23 | ... | ... |
| Cherat | ... | ... | ... | ... | | ... | ... | | ... | .. | — |
| Cox's Bazar | 350 09 | 360 11 | 360 13 | 355 09 | 335 05 | 060 04 | 050 12 | 020 15 | 030 27 | .. | |
| Dacca | 030 05 | 030 05 | 050 08 | 060 12 | 310 02 | 300 10 | 315 21 | 315 21 | 315 29 | 300 37 | 285 78 |
| Dalbandin | .. | ... | 075 03 | 135 02 | 295 03 | 015 03 | 340 09 | 320 11 | 290 12 | 275 23 | 280 23 |
| D. I. Khan | ... | ... | .. | .. | .. | ... | .. | . | ... | ... | ... |
| Drosh | ... | ... | ... | | | | | | | | |
| Fort Sandeman | ... | ... | .. | 240 03 | 095 07 | 030 04 | 095 03 | 220 04 | 195 40 | 220 25 | 235 27 |
| Gilgit | | | | | | | ... | ... | ... | .. | ... |
| Ishurdi | 040 07 | 045 09 | 040 07 | 340 11 | 310 13 | 300 21 | | | | | |
| Jacobabad | 160 01 | 070 02 | 155 02 | 195 01 | 005 05 | 065 04 | 120 09 | 155 13 | 170 17 | 220 32 | 280 70 |
| Jessore | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | .. | ... | ... | ... | | ... | ... | ... | ... | ... | |
| Jiwani | 2?0 10 | 290 09 | 300 09 | 025 11 | 050 17 | 055 12 | 315 30 | 305 26 | 290 30 | 280 45 | 280 58 |
| Karachi | 030 14 | 035 11 | 040 09 | 050 09 | 090 03 | 285 02 | 325 10 | 305 25 | 280 31 | — | ... |
| Khanpur | | ... | — | ... | ... | — | ... | — | ... | — | ... |
| Khuzdar | .. | | | | | | | ... | ... | ... | ... |
| Lahore | 130 06 | 120 07 | 120 06 | 115 02 | 155 01 | 165 06 | 100 08 | 200 ·0 | /// // | | ... |
| Multan | 170 19 | 150 14 | 145 14 | 140 05 | 150 05 | 040 05 | 070 10 | 160 07 | 220 06 | 255 19 | .. |
| Nawab Shah | 040 13 | 035 12 | 040 10 | 245 06 | 255 05 | 210 06 | 285 08 | 290 27 | 270 29 | 275 24 | — |
| Nokkundi | ... | — | 005 05 | 360 09 | 340 13 | 365 10 | 315 14 | 305 12 | 300 19 | . | ... |
| Panjgur | | | | 005 07 | 030 09 | 025 16 | 335 11 | 295 23 | 285 21 | .. | ... |
| Peshawar | .. | 050 01 | 090 01 | 005 02 | 070 01 | 165 04 | 175 09 | 260 19 | | .. | ... |
| Parachinar | ... | ... | .. | ... | | | | | | | |
| Quetta | .. | ... | | . | 020 02 | 300 08 | 250 02 | 125 14 | 235 02 | 280 15 | |
| Sargodha | 110 02 | 330 01 | 240 01 | 325 01 | 105 02 | 135 05 | 220 06 | 190 10 | 310 08 | 250 11 | 285 13 |
| Skardu | | | | | | | | | | .. | ... |
| Sylhet | 075 05 | 040 08 | 035 08 | 145 03 | 175 03 | 245 01 | 315 03 | 305 11 | 315 19 | 300 24 | ... |
| Veraval | — | ... | ... | .. | ... | | ... | ... | | .. | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 305 15 | 310 15 | 045 10 | 045 05 | 045 06 | 090 05 | 265 27 | 265 35 | 265 39 | 270 44 | 270 60 | 270 32 | ... | ... | ... | ... | .. | ... |
| Multan ... | 180 09 | 295 03 | 295 05 | 280 06 | 070 01 | 225 02 | 255 08 | 260 10 | 240 12 | 250 19 | 265 29 | 265 52 | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii C'dd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

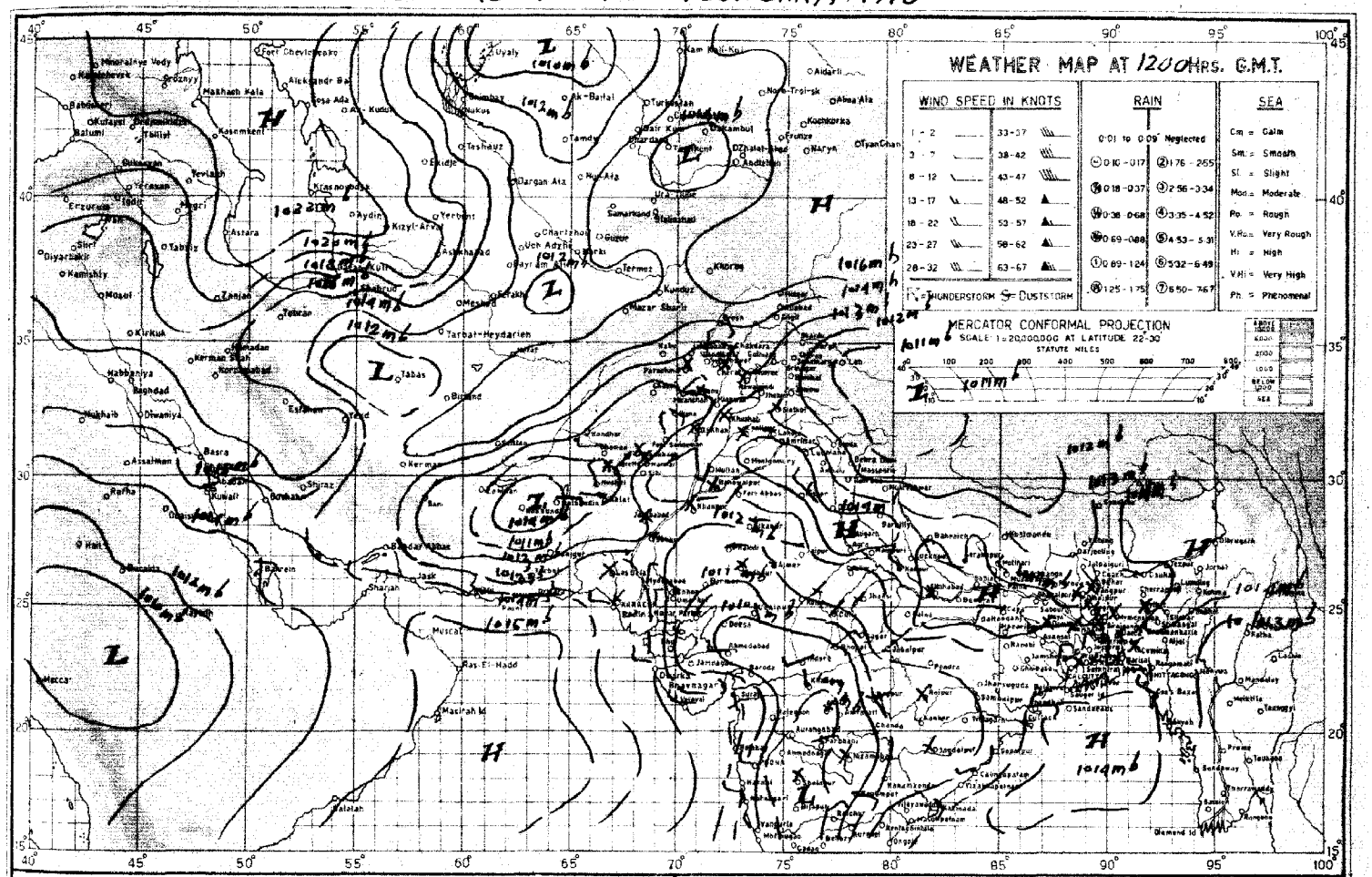
† The actual time of observations may vary within half an hour of the specified time.

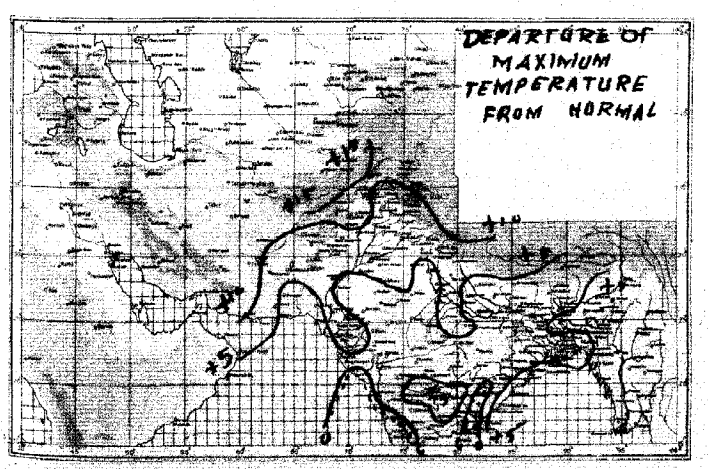
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

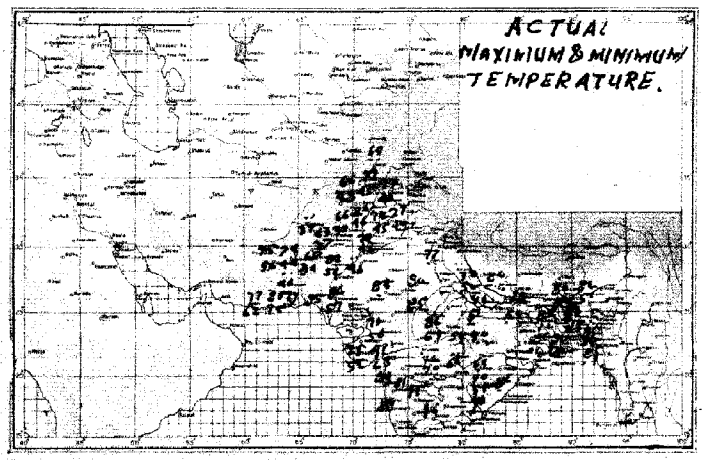
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

SATURDAY 14TH FEBRUARY, 1970

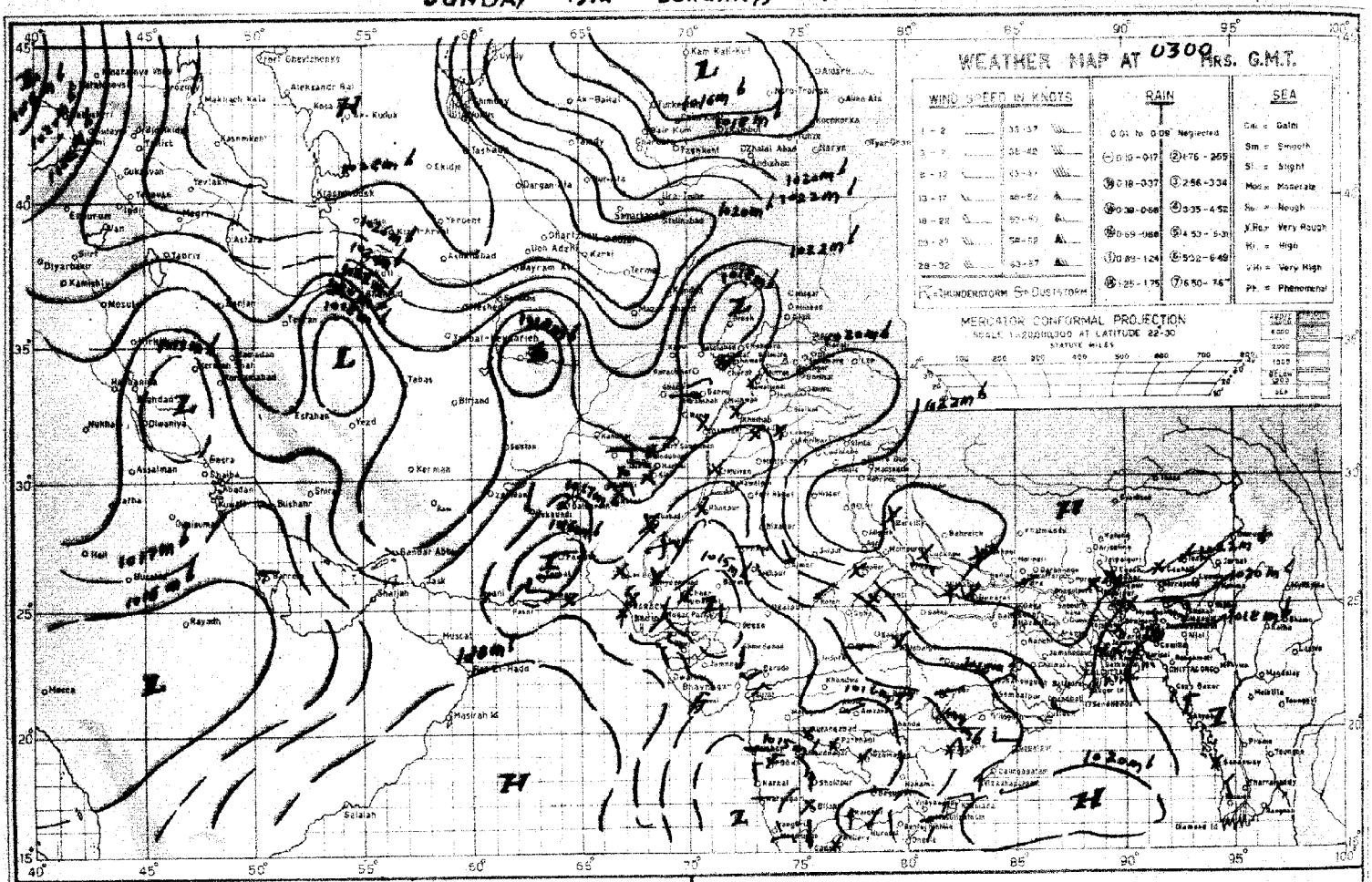


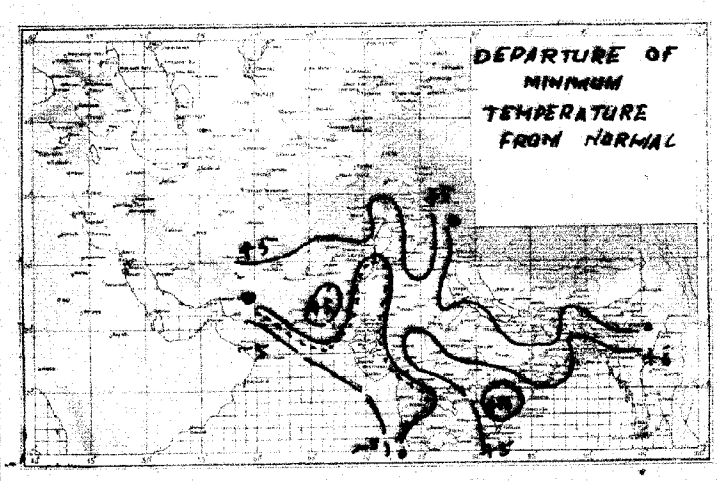



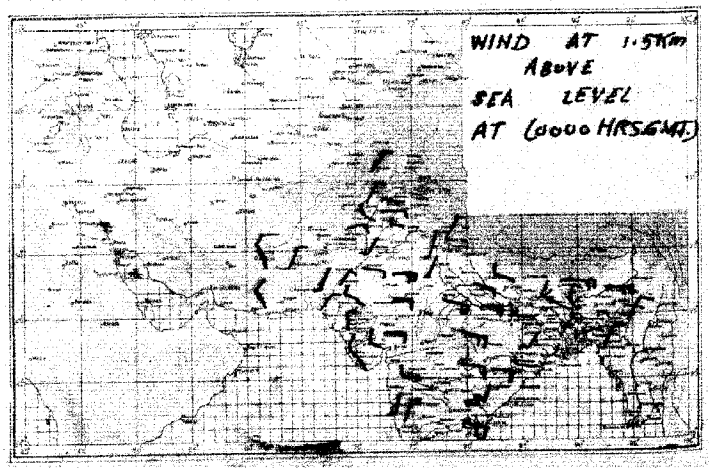



# PAKISTAN DAILY WEATHER MAP

SUNDAY 15TH FEBRUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 16th FEBRUARY 1970.**

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

Yesterday's western disturbance north of Peshawar division moved away north eastwards.
A well marked low pressure area lies over south Rajasthan and adjoining Saurashtra.
Weather remained dry over the country.
Night temperatures were 3—8 °F (2—4 °C) above normal in Rajshahi, Lahore, Rawalpindi, Malakand, Peshawar, Quetta, Kalat, Hyderabad and Khairpur divisions and were 3—5 °F (2—3 °C) below normal in Chittagong and Khulna division.
**Forecast valid until the evening of 17th February 1970 :**—Thunderstorm/showers are likely to occur in Hyderabad division. Weather is likely to be mainly dry elsewhere over the country.

Karachi-11
1h: 16th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| DIVISIONS (1) | STATIONS (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amounts of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 1 | 31 | 02 | 96 | 01 | 0 | 147 | 87 | 1 | 1 | 7 | 0 | 0 | 52 | 90 |
| | Cox's Bazar | — | 000 | 0 | 0 | 27 | 06 | 96 | 02 | 0 | 148 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 85 |
| | Chittagong | — | 000 | 0 | 2 | 27 | 03 | 96 | 03 | 0 | 149 | 78 | 0 | 0 | 9 | 0 | 1 | 60 | 82 |
| | Maijdee Court | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 80 | 0 | 0 | 9 | 0 | 0 | 54 | 86 |
| | Comilla | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 155 | 70 | 0 | 0 | 9 | 0 | 0 | 62 | 85 |
| | Brahmanbaria | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 173 | 78 | 0 | 0 | 9 | 0 | 0 | 72 | 88 |
| | Sylhet | — | 000 | 0 | 8 | 31 | 05 | 96 | 02 | 0 | 153 | 77 | 8 | 0 | 9 | 0 | 0 | 51 | 86 |
| | Srimangal | — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 150 | 62 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| Dacca | Mymensingh | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 162 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Narayanganj | — | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 153 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Dacca (Tejgaon) | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 150 | 78 | 8 | 0 | 9 | 8 | 0 | 49 | 86 |
| | Faridpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | C | 139 | 80 | 0 | 0 | 9 | 0 | 0 | 55 | 85 |
| Khulna | Barisal | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 155 | 76 | 0 | 0 | 9 | 0 | 0 | 42 | 85 |
| | Khulna | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 131 | 80 | 0 | 0 | 9 | 0 | 0 | 74 | 88 |
| | Satkhira | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 150 | 80 | 0 | 0 | 9 | 0 | 0 | 55 | 88 |
| | Jessore | — | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 156 | 78 | 0 | 0 | 9 | 0 | 0 | 49 | 85 |
| Rajshahi | Pabna | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 158 | 80 | 0 | 0 | 9 | 0 | 0 | 57 | 85 |
| | Sirajganj | — | 080 | 0 | 0 | 00 | 00 | // | 00 | 0 | 152 | 82 | 0 | 0 | 9 | 0 | 0 | 48 | 82 |
| | Rajshahi | — | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 167 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| | Bogra | — | 000 | 0 | 0 | 00 | 09 | 96 | 01 | 0 | 157 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 85 |
| | Dinajpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 156 | 78 | 0 | 0 | 9 | 0 | 0 | 52 | 85 |
| | Rangpur | — | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 119 | 66 | 1 | 0 | 9 | 1 | 0 | 59 | 80 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 168 | 76 | 0 | 0 | 9 | 0 | 0 | 41 | 78 |
| | Sialkot | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | — | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 169 | 74 | 0 | 0 | 9 | 0 | 1 | 42 | 78 |
| | Islamabad | — | | | | | | | | | | | | | | | | | |
| | Rawalpindi | — | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 171 | 70 | 0 | 0 | 9 | 0 | 0 | 42 | 76 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 150 | 77 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| | Sargodha | — | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 164 | 78 | 0 | 0 | 9 | 0 | 0 | 38 | 78 |
| | Lyallpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 164 | 74 | 0 | 0 | 9 | 0 | 0 | 50 | 77 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 159 | 77 | 0 | 0 | 9 | 0 | 0 | 42 | 80 |
| | Leiah | — | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 147 | 80 | 0 | 0 | 9 | 0 | 0 | 21 | 82 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 140 | 80 | 0 | 0 | 9 | 0 | 0 | 48 | 85 |
| | Fort Abbas | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 151 | 76 | 0 | 0 | 9 | 0 | 0 | 64 | 78 |
| Malakand | Chakdra | — | 000 | 0 | 4 | 23 | 02 | 98 | 02 | 1 | 146 | 72 | 0 | 0 | 9 | 0 | 0 | 32 | 74 |
| Peshawar | Peshawar | — | 000 | 0 | 6 | 36 | 02 | 97 | 02 | 1 | 166 | 72 | 4 | 0 | 9 | 3 | 1 | 44 | 74 |
| | Haripur | — | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 133 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 78 |
| D. I. Khan | Bannu | — | 000 | 0 | 4 | 16 | 02 | 98 | 02 | 1 | 158 | 76 | 0 | 0 | 9 | 6 | 0 | 32 | 77 |
| | D. I. Khan | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 145 | 84 | 0 | 0 | 9 | 0 | 0 | 54 | 85 |
| | Nokkundi | — | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 123 | 78 | 0 | 0 | 9 | 0 | 0 | 11 | 80 |
| Kalat | Turbat | — | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 164 | 55 | 0 | 0 | 9 | 0 | 0 | 41 | 85 |
| | Jiwani | — | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 145 | 75 | 0 | 0 | 9 | 0 | 0 | 63 | 79 |
| | Pasni | — | 000 | 0 | 0 | 25 | 12 | 97 | 02 | 0 | 142 | 79 | 0 | 0 | 9 | 0 | 0 | 67 | 85 |
| Karachi Division | Ormara | — | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 147 | 80 | 0 | 0 | 9 | 0 | 0 | 56 | 81 |
| | Lasbela | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 131 | 90 | 0 | 0 | 8 | 0 | 0 | 42 | 90 |
| | Karachi (Manora) | — | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 147 | 77 | 0 | 0 | 9 | 0 | 0 | 39 | 80 |
| | Karachi (Airport) | — | 000 | 0 | 0 | 37 | 02 | 96 | 02 | 0 | 127 | 82 | 0 | 0 | 9 | 0 | 0 | 50 | 84 |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 151 | 85 | 0 | 0 | 9 | 0 | 0 | 67 | 89 |
| | Chhor | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 128 | 89 | 0 | 0 | 9 | 0 | 0 | 35 | 91 |
| | Hyderabad | — | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 135 | 85 | 0 | 0 | 9 | 0 | 0 | 32 | 88 |
| | Badin | — | 000 | 0 | 0 | 31 | 04 | 97 | 02 | 0 | 125 | 86 | 0 | 0 | 9 | 0 | 0 | 31 | 89 |
| Khairpur | Padidan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 152 | 82 | 1 | 0 | 9 | 0 | 0 | 59 | 85 |
| | Nawabshah | — | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 149 | 84 | 0 | 0 | 9 | 0 | 0 | 35 | 86 |
| | Sukkur | — | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 127 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 85 |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 149 | 83 | 0 | 0 | 9 | 0 | | 38 | 84 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | # | | | | | | | | | | | | | | | | | |
| | Gulmarg | ## | | | | | | | | | | | | | | | | | |
| | Sonamarg | ## | | | | | | | | | | | | | | | | | |
| | Dras | ## | | | | | | | | | | | | | | | | | |
| | Leh | ## | | | | | | | | | | | | | | | | | |
| | Skardu | # | | | | | | | | | | | | | | | | | |
| | Misgar | ## | | | | | | | | | | | | | | | | | |
| | Aliabad | # | | | | | | | | | | | | | | | | | |
| | Gilgit | # | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | # | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | # | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 523 | 52 | 5 | 4 | 7 | 2 | 0 | 17 | 70 |
| Peshawar | Cherat | # | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 547 | 65 | 0 | 0 | 9 | 0 | 0 | 28 | 70 |
| | Kakul | # | 000 | 0 | 1 | 33 | 02 | 99 | 03 | 0 | 450 | 65 | 0 | 0 | 9 | 0 | 1 | 32 | 66 |
| | Landikotal | # | 000 | 0 | 6 | 31 | 05 | 98 | 03 | 4 | 635 | 65 | 6 | 7 | 6 | 0 | 0 | 34 | 70 |
| | Parachinar | # | 000 | 0 | 6 | 16 | 05 | 98 | 02 | 2 | 506 | 55 | 1 | 1 | 7 | 0 | 1 | 20 | 62 |
| D. I. Khan | Miranshah | # | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 527 | 61 | 0 | 0 | 9 | 0 | 0 | 34 | 62 |
| | Wana | # | 000 | 0 | 2 | 13 | 03 | 99 | 03 | 0 | 463 | 65 | 2 | 2 | 8 | 0 | 0 | 49 | 70 |
| Quetta | Fort Sandeman | # | 000 | 0 | 0 | 05 | 03 | 98 | 02 | 2 | 512 | 66 | 1 | 1 | 7 | 0 | 0 | 17 | 48 |
| | Hindubagh | # | 000 | 0 | 7 | 23 | 03 | 97 | 03 | 0 | /// | 45 | 7 | 3 | 3 | 0 | 0 | 28 | 44 |
| | Loralai | # | 000 | 0 | 0 | 09 | 04 | 98 | 00 | 0 | 483 | 45 | 0 | 0 | 9 | 0 | 0 | 35 | 44 |
| | Barkhan | # | | | | | | | | | | | | | | | | | |
| | Harnai | # | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 506 | 73 | 0 | 0 | 9 | 0 | 0 | 34 | 75 |
| | Samungli (Quetta) | # | 020 | 0 | 1 | 31 | 05 | 97 | 02 | 0 | 515 | 62 | 1 | 1 | 6 | 0 | 0 | 30 | 64 |
| | Chaman | # | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 536 | 55 | 0 | 0 | 9 | 0 | 0 | 23 | 60 |
| | Nushki | # | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 568 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 72 |
| | Dalbandin | # | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 524 | 73 | 0 | 0 | 9 | 0 | 0 | 24 | 76 |
| Kalat | Kalat | # | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 511 | 87 | 0 | 0 | 9 | 0 | 0 | 21 | 65 |
| | Khuzdar | # | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 504 | 71 | 0 | 0 | 9 | 0 | 0 | 09 | 73 |
| | Panjgur | # | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 528 | 74 | 0 | 0 | 9 | 0 | 0 | 21 | 76 |

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

| DIVISIONS | STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 5 | 0 | 36 | 02 | 97 | 08 | 4 | 187 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 62 |
| | Cox's Bazar | 000 | 0 | 0 | 09 | 08 | 96 | 02 | 0 | 166 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 61 |
| | Chittagong | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 167 | 69 | 0 | 0 | 9 | 0 | 0 | 59 | 60 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 03 | 98 | 00 | 0 | 159 | 69 | 0 | 0 | 9 | 0 | 0 | 57 | 60 |
| | Comilla | 000 | 0 | 0 | 00 | 03 | 96 | 02 | 0 | 180 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 59 |
| | Brahmanbaria | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 175 | 77 | 0 | 0 | 9 | 0 | 0 | 73 | 60 |
| | Sylhet | 000 | 0 | 0 | 05 | 03 | 96 | 01 | 0 | 177 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 56 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 186 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 58 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 59 | 00 | 0 | 183 | 73 | 0 | 0 | 9 | 0 | 0 | 38 | 59 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 31 | 02 | 96 | 05 | 0 | 179 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 56 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 187 | 75 | 0 | 0 | 9 | 0 | 0 | 06 | 56 |
| Khulna | Barisal | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 181 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 56 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 170 | 75 | 0 | 0 | 5 | 0 | 0 | 45 | 62 |
| | Satkhira | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 187 | 73 | 0 | 0 | 9 | 0 | 0 | 50 | 54 |
| | Jessore | 000 | 0 | 0 | 36 | 05 | 96 | 03 | 0 | 182 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 54 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 58 | 02 | 0 | 180 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 59 |
| | Sirajganj | 000 | 0 | 0 | 00 | 90 | 98 | 00 | 0 | 182 | 69 | 0 | 0 | 5 | 0 | 0 | 54 | 59 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bogra | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 179 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 58 |
| | Dinajpur | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 178 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 56 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 179 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 208 | 54 | 0 | 0 | 9 | 9 | 0 | 41 | 47 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 56 | 0 | 0 | 9 | 0 | 0 | 40 | 53 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 214 | 49 | 0 | 0 | 9 | 0 | 0 | 43 | 45 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 218 | 50 | 0 | 0 | 9 | 0 | 8 | 43 | 45 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 00 | 97 | 00 | 0 | 177 | 50 | 0 | 0 | 9 | 8 | 0 | 43 | 47 |
| | Sargodha | 000 | 0 | 0 | 31 | 03 | 96 | 04 | 0 | 209 | 49 | 0 | 0 | 9 | 0 | 0 | 43 | // |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 204 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 43 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 208 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 46 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 05 | 03 | 94 | 02 | 0 | 158 | 51 | 0 | 0 | 9 | 0 | 0 | 41 | 47 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 194 | 62 | 0 | 0 | 9 | 0 | 0 | 45 | 51 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 121 | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 58 |
| Malakand | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 225 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 11 |
| | Haripur | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 198 | 50 | 0 | 0 | 9 | 0 | 0 | 33 | 45 |
| D. I. Khan | Bannu | 000 | 0 | 2 | 27 | 02 | 99 | 01 | 0 | 208 | 54 | 0 | 0 | 9 | 4 | 0 | 35 | 51 |
| | D. I. Khan | 009 | 0 | 0 | 00 | 10 | 97 | 02 | 0 | 215 | 49 | 0 | 0 | 9 | 0 | 0 | 43 | 45 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 10 | 97 | 01 | 0 | 198 | 54 | 0 | 0 | 9 | 0 | 0 | 48 | 52 |
| | Nokkundi | 000 | 0 | 0 | 13 | 01 | 97 | 00 | 0 | 196 | 54 | 0 | 0 | 9 | 0 | 0 | 31 | 53 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 210 | 63 | 0 | 0 | 9 | 0 | 0 | 55 | 59 |
| | Jiwani | 000 | 0 | 0 | 00 | 00 | 98 | 46 | 4 | 174 | 65 | 0 | 0 | 9 | 0 | 0 | 65 | 63 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 98 | 00 | 4 | 169 | 68 | 0 | 0 | 9 | 0 | 0 | 62 | // |
| Karachi Division | Ormara | 000 | 0 | 0 | 00 | 00 | 95 | 01 | 1 | 177 | 62 | 0 | 0 | 9 | 0 | 0 | 62 | // |
| | Lasbela | 000 | 0 | 3 | 00 | 00 | 58 | 00 | 0 | 188 | 58 | 0 | 0 | 9 | 0 | 0 | 32 | 51 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 175 | 61 | 0 | 0 | 9 | 0 | 0 | 51 | 60 |
| | Karachi (Airport) | 000 | 0 | 0 | 34 | 03 | 96 | 03 | 0 | 196 | 61 | 0 | 0 | 9 | 0 | 0 | 28 | 52 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 194 | 65 | 0 | 0 | 9 | 0 | 0 | 65 | 65 |
| | Chhor | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 162 | 58 | 0 | 0 | 9 | 0 | 0 | 26 | 51 |
| | Hyderabad | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 0 | 180 | 61 | 0 | 0 | 9 | 0 | 0 | 38 | 59 |
| | Badin | 000 | 0 | 4 | 36 | 04 | 97 | 03 | 0 | 151 | 53 | 0 | 0 | 9 | 0 | 0 | 37 | 52 |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 191 | 52 | 0 | 0 | 9 | 0 | 0 | 42 | 30 |
| | Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 00 | 0 | 190 | 53 | 0 | 0 | 9 | 0 | 0 | 40 | 47 |
| | Sukkur | 000 | 0 | 0 | 05 | 05 | 95 | 05 | 4 | 194 | 58 | 0 | 0 | 9 | 0 | 0 | 41 | 51 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 11 | 02 | 96 | 02 | 0 | 194 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 54 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Misgar | | | | | | | | | | | | | | | | | |
| | Aliabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 477 | 43 | 0 | 0 | 9 | 0 | 0 | 21 | 43 |
| Peshawar | Cherat | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 553 | 41 | 0 | 0 | 9 | 0 | 0 | 38 | 63 |
| | Kakul | 000 | 0 | 0 | 36 | 02 | 99 | 00 | 0 | 482 | 41 | 0 | 0 | 9 | 0 | 1 | 43 | 35 |
| | Landikotal | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 4 | 610 | 43 | 0 | 0 | 9 | 0 | 0 | 22 | 32 |
| | Parachinar | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 568 | 47 | 0 | 0 | 9 | 0 | 0 | 24 | 38 |
| D. I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 530 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 40 |
| | Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 545 | 43 | 0 | 0 | 9 | 0 | 0 | 22 | 38 |
| | Hindubagh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 42 | 0 | 0 | 9 | 0 | 0 | 22 | 25 |
| | Loralai | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 470 | 38 | 0 | 0 | 9 | 0 | 0 | 26 | 35 |
| | Barkhan | | | | | | | | | | | | | | | | | |
| | Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 518 | 53 | 0 | 0 | 9 | 0 | 0 | 32 | 49 |
| | Samungli (Quetta) | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 555 | 40 | 0 | 0 | 9 | 0 | 0 | 29 | 33 |
| | Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 508 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 40 |
| | Nushki | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 582 | 57 | 0 | 0 | 9 | 0 | 0 | 29 | 31 |
| | Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 525 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 44 |
| Kalat | Kalat | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 2 | 557 | 36 | 0 | 0 | 9 | 0 | 0 | 23 | 34 |
| | Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 534 | 47 | 0 | 0 | 9 | 0 | 0 | 31 | 45 |
| | Panjgur | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 518 | 47 | 0 | 0 | 9 | 0 | 0 | 30 | 44 |

**Departure from Normal of / Rainfall**

| DIVISIONS | STATIONS | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | 1.8 | — | 0.3 | - |
| | Cox's Bazar | + 3 | + 2 | — | — | — | 140 |
| | Chittagong | 0 | + 1 | — | — | — | 106 |
| | Maijdee Court | + 6 | − 3 | 1.0 | − 1.4 | 0.7 | 115 |
| | Comilla | + 4 | + 1 | 1.7 | − 0.5 | 1.2 | 54 |
| | Brahmanbaria | — | — | — | — | — | 78 |
| | Sylhet | — | — | 3.6 | — | 2.1 | — |
| | Srimangal | + 1 | | | | | 98 |
| Dacca | Mymensingh | + 4 | + 1 | 1.2 | − 0.5 | 0.9 | 91 |
| | Narayanganj | + 1 | 0 | 2.5 | + 0.4 | 1.2 | 74 |
| | Dacca (Tejgaon) | — | — | — | — | — | |
| | Faridpur | + 4 | 0 | 2.4 | + 0.1 | 0.7 | 71 |
| Khulna | Barisal | + 4 | − 4 | 1.8 | − 1.5 | 0.1 | 81 |
| | Khulna | + 7 | + 3 | 1.5 | − 0.8 | 0.1 | 68 |
| | Satkhira | + 4 | − 3 | 0.2 | − 1.7 | 0.8 | 66 |
| | Jessore | — | — | — | — | — | 65 |
| Rajshahi | Pabna | | | | | — | 59 |
| | Sirajganj | + 3 | + 5 | 1.9 | + 0.3 | 1.5 | 64 |
| | Rajshahi | + 3 | | | | | |
| | Bogra | − 6 | + 4 | 1.7 | + 0.2 | 0.5 | 69 |
| | Dinajpur | + 7 | + 3 | 2.3 | + 1.0 | 0.8 | 73 |
| | Rangpur | — | + 1 | 2.3 | + 1.0 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | + 6 | + 3 | 0.8 | − 1.4 | 0.8 | 19 |
| | Sialkot | | + 7 | 1.6 | − 2.3 | 1.6 | 32 |
| Rawalpindi | Jhelum | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | | | | | | |
| | Rawalpindi | + 8 | + 4 | 2.9 | − 2.4 | 2.7 | 36 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | + 9 | 0 | 0.3 | − 1.6 | 0.3 | 15 |
| | Sargodha | — | | — | | — | — |
| | Lyallpur | + 8 | + 1 | 0.4 | − 8.7 | 0.4 | 12 |
| Multan | Sahiwal | | | | | | 18 |
| | Multan | + 9 | − 2 | 0.1 | − 0.8 | 0.1 | 7 |
| | Leiah | | | | | | 8 |
| Bahawalpur | Khanpur | + 5 | − 1 | 0.7 | + 0.1 | 0.4 | 6 |
| | Bahawalpur | + 10 | + 2 | 0.0 | 0.6 | 0.0 | 6 |
| | Fort Abbas | — | — | 0.0 | — | 0.0 | 8 |
| Malakand | Chakdra | — | | | | | — |
| Peshawar | Peshawar | + 9 | — | — | — | — | 11 |
| | Haripur | — | — | — | — | — | — |
| D. I. Khan | Bannu | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | — | 0 | — | — | — | 9 |
| Quetta | Sibi | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | — | — | 1.7 | — | 1.7 | 2 |
| Kalat | Turbat | — | — | 0.4 | — | 0.4 | — |
| | Jiwani | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | + 9 | — | 2.5 | − 1.4 | 2.5 | 6 |
| Karachi Division | Ormara | — | — | 2.3 | − 1.1 | 2.3 | 6 |
| | Lasbela | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | + 4 | − 1 | 0.3 | − 0.7 | 0.3 | 8 |
| | Karachi (Airport) | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | — | — | 0.0 | — | 0.0 | — |
| | Chhor | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | + 9 | + 4 | 0.2 | − 0.3 | 0.2 | 9 |
| | Badin | + 7 | − 4 | 0.1 | − 0.6 | 0.1 | — |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | 4 |
| | Jacobabad | + 9 | + 3 | 0.2 | − 0.5 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | **HILL STATIONS** | | | | | | |
| Kashmir | Srinagar | | | | | | — |
| | Gulmarg | | | | | | 71 |
| | Sonamarg | | | | | | 26 |
| | Dras | | | | | | 3 |
| | Leh | | | | | | 6 |
| | Skardu | | | | | | — |
| | Misgar | | | | | | — |
| | Aliabad | | | | | | 8 |
| | Gilgit | | | | | | 59 |
| Rawalpindi | Murree | | | | | | 18 |
| Malakand | Drosh | + 20 | + 9 | 1.6 | — | 1.0 | 29 |
| Peshawar | Cherat | + 19 | + 2 | 2.0 | − 4.6 | 1.4 | — |
| | Kakul | — | — | 2.9 | — | 1.9 | — |
| | Landikotal | — | — | 0.9 | — | 0.2 | 29 |
| | Parachinar | + 11 | + 7 | 2.2 | — | 1.5 | 13 |
| D. I. Khan | Miranshah | — | — | 0.0 | − 2.4 | 0.0 | 11 |
| | Wana | | | | | | 13 |
| Quetta | Fort Sandeman | + 10 | + 5 | 0.4 | − 1.7 | 0.4 | — |
| | Hindubagh | — | — | 1.2 | — | 1.0 | 9 |
| | Loralai | — | — | 0.3 | — | 0.3 | — |
| | Barkhan | | | | | | 14 |
| | Harnai | — | — | 0.7 | − 1.1 | 0.7 | 9 |
| | Samungli (Quetta) | — | — | 1.9 | − 2.5 | 1.2 | 9 |
| | Chaman | + 4 | + 2 | 7.7 | + 3.1 | 7.7 | — |
| | Nushki | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin | + 11 | + 6 | 2.3 | − 0.1 | 2.2 | 7 |
| Kalat | Kalat | + 12 | + 2 | 0.9 | − 2.5 | 0.9 | — |
| | Khuzdar | — | — | 1.0 | — | 0.7 | 5 |
| | Panjgur | + 9 | + 5 | — | — | — | — |

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

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 16th FEBRUARY, 1970

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{aw}T$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Vanessa | 99 2 14 | 10 6 27 | 16 0 03 | 80 8 00 | 98 0 20 | 16 5 23 | 00 / 00 | 01 6 30 | | | 0/ / 67 | 13 5 00 | 20 0 00 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels — hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 012 188 83 | ... | 500 110 58 | 110 062 6' | 579 121 61 | 744 243 60 | 950 375 59 | 219 561 // | 394 708 // | ... | ... | ... | .. |
| Dacca | 00 00 | 014 172 87 | ... | 500 108 58 | 121 060 63 | 520 113 64 | 746 240 63 | 950 389 61 | 219 539 // | 399 661 // | ... | ... | ... | .. |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 018 154 62 | ... | 500 100 62 | 003 011 // | 567 195 // | 729 315 71 | 938 405 7/ | 208 491 7/ | ... | ... | ... | ... | ... |
| Multan | 00 00 | 004 090 40 | .. | 500 130 64 | 138 060 62 | 501 081 // | 752 211 // | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 978 094 58 | ... | 510 108 50 | 106 015 46 | 569 199 // | 733 319 // | 930 428 // | 200 531 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 824 070 58 | ... | ... | 105 039 // | 564 273 // | 713 331 // | 920 445 // | 178 667 // | ... | ... | ... | ... | - |
| Sargodha | 00 00 | 997 090 66 | ... | 540 050 40 | 015 064 35 | 656 221 // | 717 321 // | 915 451 // | 184 501 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 980 160 56 | 800 090 60 | 608 037 59 | 350 295 60 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 144 81 | 800 096 62 | 600 027 61 | 350 307 61 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | | ... | ... | ... | - | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | - | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | 800 058 // | 400 163 // | 350 389 // | 250 343 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | - | - | ... | ... | ... | ... | ... | - | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | ... | ... | ... | ... | ... | ... | ... | | ... | 055 06 | 055 09 | 055 07 | 180 08 | 225 09 | 290 10 |
| Bogra | 340 07 | 390 04 | 355 06 | 315 04 | 240 03 | 305 17 | 285 21 | 280 23 | 280 25 | 360 12 | 360 07 | 025 03 | 360 03 | 280 07 | 360 17 |
| Chaklala | ... | 145 08 | 140 05 | 140 07 | 135 14 | 235 11 | 225 05 | /// // | 230 13 | ... | 090 03 | 175 02 | 140 03 | 060 06 | 175 14 |
| Chhor | 345 09 | 015 08 | 015 03 | 045 07 | 025 10 | 270 03 | 240 08 | 260 3/ | 255 33 | 045 12 | 040 15 | 030 11 | 085 09 | 015 06 | 330 03 |
| Chittagong | 275 15 | 295 10 | 315 07 | 015 04 | 055 04 | 085 07 | 295 15 | 295 20 | 290 19 | - | - | ... | ... | ... | — |
| Cherat | - | ... | ... | - | ... | ... | ... | ... | ... | ... | ... | | ... | | ... |
| Cox's Bazar | ... | ... | ... | ... | - | ... | | | ... | 005 14 | 005 15 | 015 12 | 015 08 | 040 06 | ... |
| Dacca | 315 08 | 300 09 | 310 10 | 175 13 | 290 12 | 300 12 | 290 17 | 305 23 | 305 25 | 050 00 | 050 12 | 180 08 | /// // | 270 10 | /// // |
| Dalbandin | - | ... | 100 03 | 115 02 | 340 04 | 315 04 | 310 12 | 290 19 | 280 21 | ... | ... | 085 09 | 080 09 | 140 02 | 145 08 |
| D. I. Khan | ... | ... | | ... | | | ... | - | ... | 225 06 | 195 06 | 190 07 | 125 04 | 280 03 | 315 08 |
| Drosh | ... | ... | ... | 200 03 | 305 06 | 190 07 | ... | | | | ... | | 155 05 | 005 02 | 045 05 |
| Fort Sandeman | - | ... | ... | 245 01 | 130 03 | 230 04 | 240 09 | 175 11 | 180 17 | .. | . | .. | 030 05 | 035 04 | 250 03 |
| Gilgit | | - | | ... | ... | ... | ... | ... | . | ... | ... | | 260 07 | 295 01 | 160 01 |
| Ishurdi | 325 09 | 330 09 | 335 06 | 350 08 | 320 20 | 315 19 | ... | ... | | 010 11 | 0 0 07 | 340 04 | 340 15 | 300 14 | 335 17 |
| Jacobabad | 340 03 | 280 02 | 245 02 | 180 05 | 095 08 | 015 01 | 280 11 | 270 12 | 240 15 | 070 10 | 060 11 | 025 10 | 030 07 | 090 08 | 070 09 |
| Jessore | 355 13 | 360 13 | 360 13 | 345 10 | 310 05 | 310 13 | 320 18 | | | 025 13 | 020 09 | 005 08 | 330 08 | 340 04 | 290 15 |
| Jhelum | 150 02 | 160 06 | 145 05 | 110 10 | 130 17 | 250 10 | 170 07 | 195 09 | 225 10 | 020 00 | 045 08 | 180 05 | 135 25 | 135 15 | 135 15 |
| Jiwani | 245 05 | 330 04 | 030 05 | 045 09 | 045 12 | 085 07 | 330 20 | 305 26 | 290 38 | 140 04 | 170 01 | 125 03 | 065 05 | 100 12 | 070 12 |
| Karachi | 215 04 | 050 03 | 050 06 | 040 13 | 035 13 | 015 03 | 240 20 | 275 24 | ... | ... | ... | | ... | .. | . |
| Khanpur | 085 07 | 070 09 | 065 09 | 065 11 | 055 09 | 145 06 | 220 12 | 250 09 | 265 08 | 080 07 | 080 07 | 100 06 | 055 04 | 010 05 | ... |
| Khuzdar | ... | - | - | 165 02 | 045 03 | 295 04 | 295 10 | 295 15 | 205 24 | | ... | ... | 130 01 | 070 03 | 083 03 |
| Lahore | 155 02 | 140 03 | 120 08 | 065 02 | 060 01 | 135 06 | 205 04 | 190 04 | 210 06 | 070 04 | 060 05 | 055 09 | 040 03 | 040 02 | 120 05 |
| Multan | 070 10 | 095 10 | 095 09 | 090 06 | 055 02 | 360 06 | 300 19 | 230 15 | 255 17 | 085 27 | 065 21 | 035 15 | 360 00 | 035 10 | 345 10 |
| Nawab Shah | .. | - | | ... | .. | | ... | ... | | 065 25 | 070 23 | 035 20 | 010 13 | 005 03 | 007 35 |
| Nokkundi | ... | - | 185 02 | 190 02 | 215 03 | 295 07 | 290 15 | 275 19 | 275 21 | ... | | 285 08 | 140 05 | 130 04 | 675 32 |
| Panjgur | - | ... | | 025 13 | 030 07 | 050 05 | 315 04 | 315 15 | 310 14 | ... | | | 335 11 | 315 15 | 015 05 |
| Peshawar | . | 040 01 | 080 04 | 145 04 | 130 02 | 110 03 | 335 02 | 240 11 | 230 20 | ... | 330 02 | 320 02 | 325 03 | 320 03 | 300 00 |
| Parachinar | .. | ... | ... | ... | 150 05 | 110 03 | 265 06 | 260 19 | 260 21 | ... | - | .. | 235 04 | 080 04 | ... |
| Quetta | .. | | | | 300 03 | 190 02 | 275 10 | | | ... | | | /// // | 245 06 | /// // |
| Sargodha | 290 03 | 245 03 | 225 07 | 075 01 | 045 08 | 255 01 | 270 07 | 285 11 | 285 12 | 035 05 | 095 02 | 030 03 | 330 07 | 005 07 | 320 04 |
| Skardu | ... | ... | ... | | ... | | .. | ... | ... | ... | | | | /// // | 024 09 |
| Sylhet | 285 10 | 280 07 | 280 06 | 050 03 | 080 09 | 165 04 | .. | - | .. | 100 06 | 100 05 | 100 03 | 140 05 | 250 07 | 270 20 |
| Veraval | ... | ... | .. | ... | ... | . | | .. | ... | . | | | - | | . |

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 010 02 | 345 02 | 310 01 | 270 01 | 225 04 | 340 10 | 265 13 | 280 19 | 275 21 | 375 29 | ... |
| Bogra | 010 05 | 360 06 | 355 05 | 310 04 | 290 10 | 235 14 | 260 41 | | 255 41 | 270 54 | - |
| Chaklala | .. | 290 03 | 315 02 | 095 04 | 100 08 | 120 08 | 240 11 | 275 22 | 270 24 | 275 23 | ... |
| Chhor | 030 23 | 020 18 | 010 15 | 335 05 | 175 08 | 045 02 | 260 19 | 270 23 | 275 36 | 270 45 | 275 71 |
| Chittagong | 010 03 | 170 02 | 320 03 | 195 13 | 300 17 | 285 12 | 235 24 | 205 31 | 200 40 | ... | ... |
| Cherat | ... | | | | | | | | | .. | ... |
| Cox's Bazar | 185 06 | 175 06 | 190 07 | 195 11 | 195 15 | 340 05 | 300 08 | 245 21 | 215 20 | ... | |
| Dacca | 330 04 | 350 06 | 015 05 | 080 02 | 330 08 | 270 12 | 250 25 | 230 31 | 250 39 | 260 43 | 270 37 |
| Dalbandin | ... | ... | 080 00 | 095 00 | 145 07 | 280 03 | 300 15 | 280 19 | 275 22 | 260 25 | 265 25 |
| D. I. Khan | ... | ... | ... | | ... | ... | ... | . | ... | ... | ... |
| Drosh | ... | ... | ... | | | | | | | | ... |
| Fort Sandeman | ... | ... | ... | 145 01 | 035 06 | 320 04 | 255 10 | 250 14 | 250 14 | 255 15 | 275 38 |
| Gilgit | | | ... | | ... | ... | ... | ... | ... | | ... |
| Ishurdi | 005 07 | 010 06 | 330 05 | 345 06 | 360 12 | 325 03 | ... | | | | |
| Jacobabad | 090 15 | 070 14 | 060 08 | 020 10 | 060 07 | 045 06 | 275 17 | 270 24 | 265 24 | 260 35 | 260 35 |
| Jessore | 345 11 | 355 14 | 355 15 | 005 14 | 310 10 | 295 14 | 265 20 | 255 26 | 355 21 | 250 41 | ... |
| Jhelum | 125 02 | 120 04 | 110 03 | 105 03 | 110 13 | 125 11 | 125 13 | 200 22 | 200 19 | 265 31 | 275 34 |
| Jiwani | 095 03 | 160 06 | 100 09 | 135 07 | 080 08 | 075 15 | 250 17 | 360 20 | 245 31 | 250 49 | 265 65 |
| Karachi | 045 13 | 055 19 | 060 17 | 050 09 | 450 13 | 010 04 | 285 25 | 275 29 | 270 44 | | ... |
| Khanpur | 035 21 | 035 29 | 045 39 | 045 01 | 045 94 | 085 47 | 205 40 | 095 15 | ... | 010 85 | |
| Khuzdar | | | | 095 03 | 080 03 | 045 06 | 340 07 | 275 21 | 275 24 | 260 38 | 265 57 |
| Lahore | 015 02 | 015 03 | 055 04 | 070 05 | 010 05 | 165 07 | 125 07 | 195 07 | 320 09 | .40 17 | 245 27 |
| Multan | 360 09 | 065 15 | 113 10 | 110 17 | 075 37 | 040 31 | 025 41 | 020 36 | 360 38 | 015 43 | 035 29 |
| Nawab Shah | 055 17 | 045 17 | 030 17 | 020 19 | 075 24 | 313 03 | 260 25 | 270 27 | | | |
| Nokkundi | ... | - | 070 10 | 090 08 | 080 10 | 185 05 | 340 14 | 020 08 | 020 11 | 355 12 | .. |
| Panjgur | | | | 105 09 | 100 12 | 070 10 | 305 19 | 255 14 | 275 15 | 260 22 | |
| Peshawar | ... | 015 02 | 345 03 | 315 01 | 300 01 | 085 06 | 020 04 | 275 11 | 280 22 | 285 23 | 265 15 |
| Parachinar | ... | ... | ... | ... | ... | ... | | | | | |
| Quetta | ... | ... | | /// // | 190 05 | 215 03 | 285 10 | 255 12 | 265 19 | 265 29 | 250 28 |
| Sargodha | 085 03 | 345 02 | 305 01 | 330 02 | 300 04 | 315 03 | 290 08 | 285 10 | 300 13 | 295 14 | ... |
| Skardu | | | | | | | | | | | ... |
| Sylhet | 080 04 | 115 04 | 245 01 | 185 09 | 175 08 | 255 08 | 260 24 | 235 41 | 235 41 | 255 53 | ... |
| Veraval | ... | ... | ... | .. | ... | . | - | .. | | ... | |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 010 21 | 035 28 | 045 29 | 250 17 | 059 19 | 045 23 | 015 13 | 350 21 | 285 23 | 260 63 | ... | | ... | .. | .. | | .. | ... |
| Multan | 085 27 | 065 21 | 035 08 | 035 08 | 035 10 | 345 10 | 330 19 | 210 18 | 300 14 | 240 29 | ... | ... | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

Cloud observation Data (Hiii Cdd V V etc

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

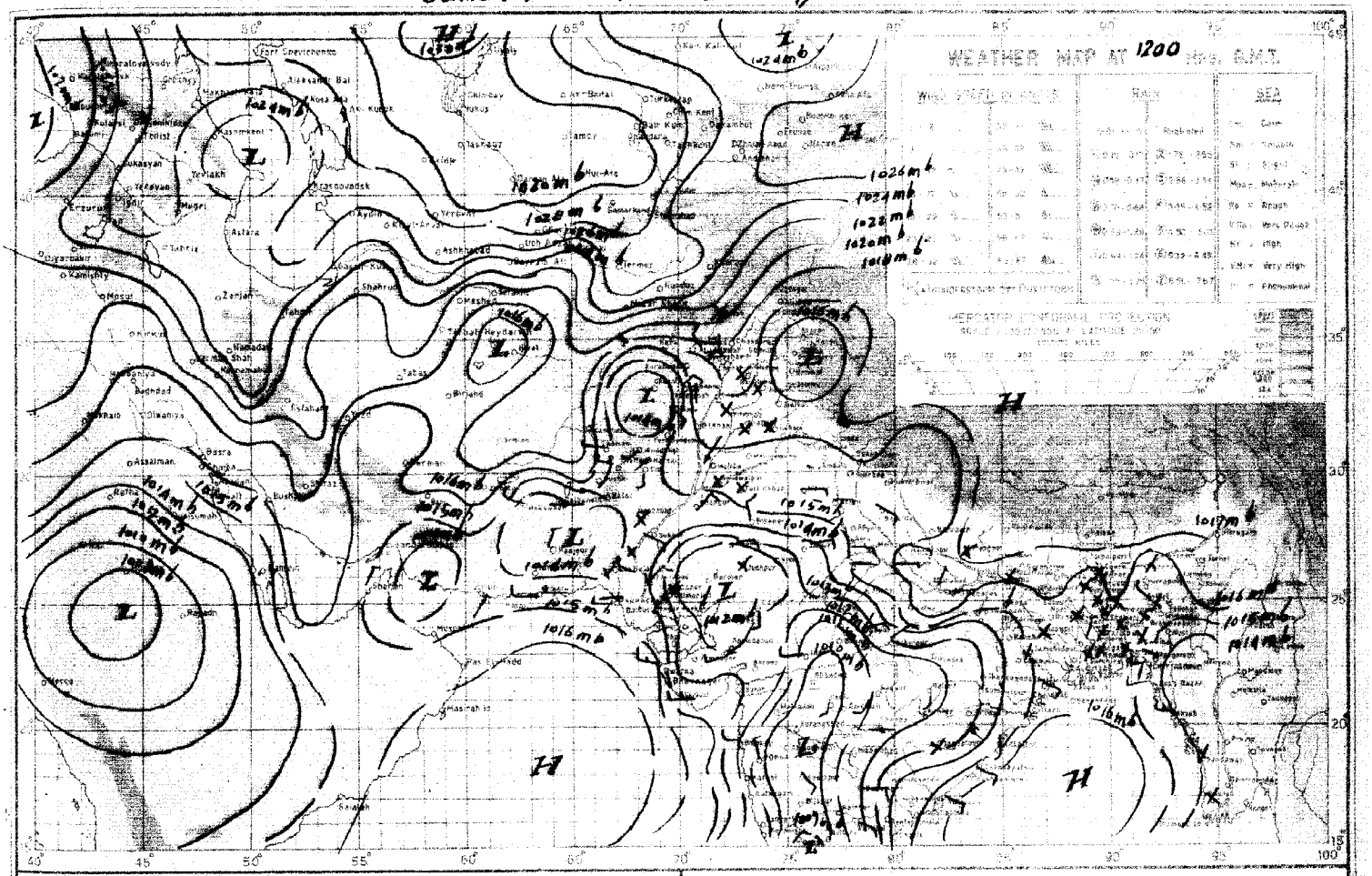
* The actual time of observations may vary within half an hour of the specified time.

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

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

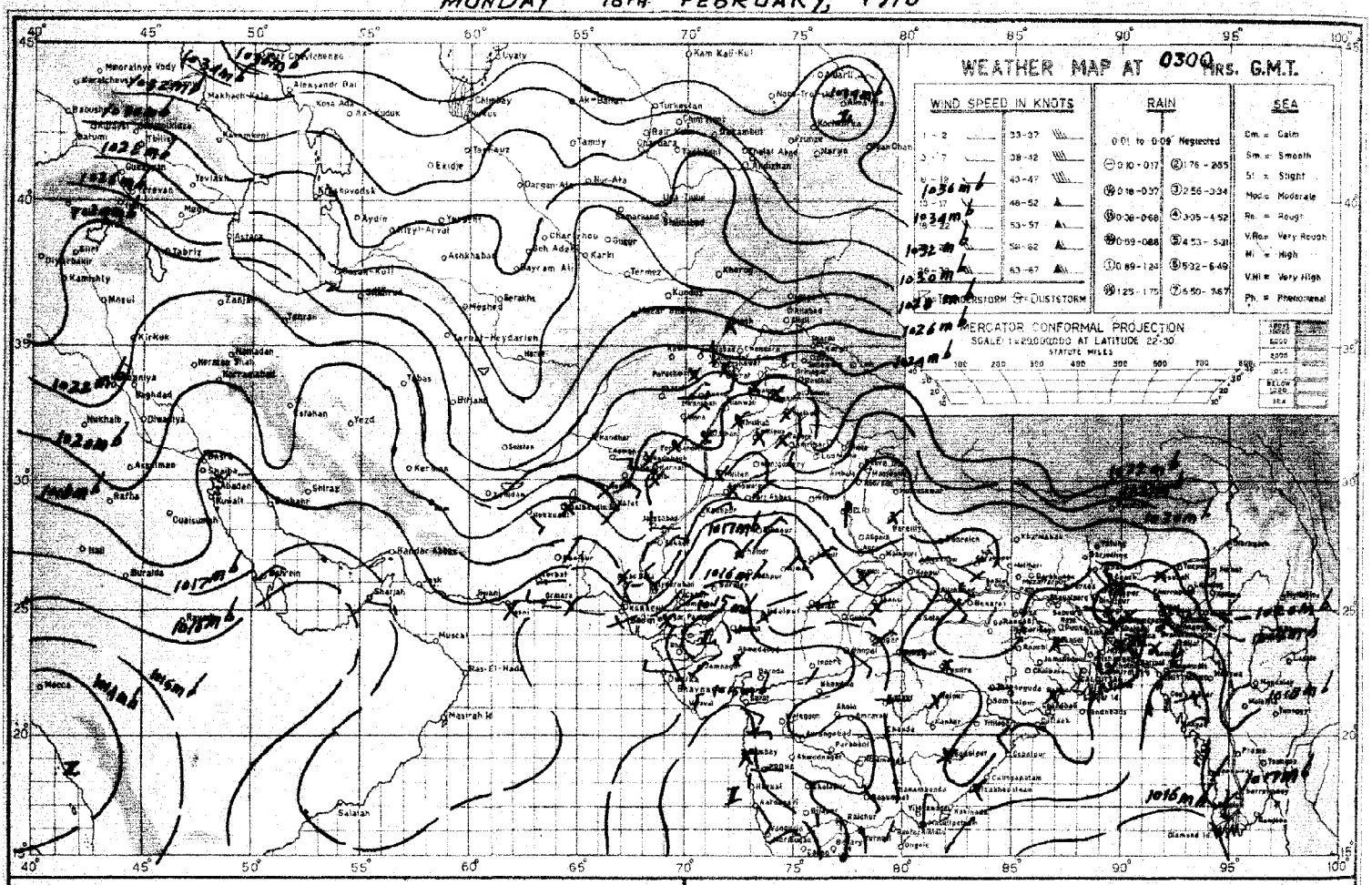
# PAKISTAN DAILY WEATHER MAP

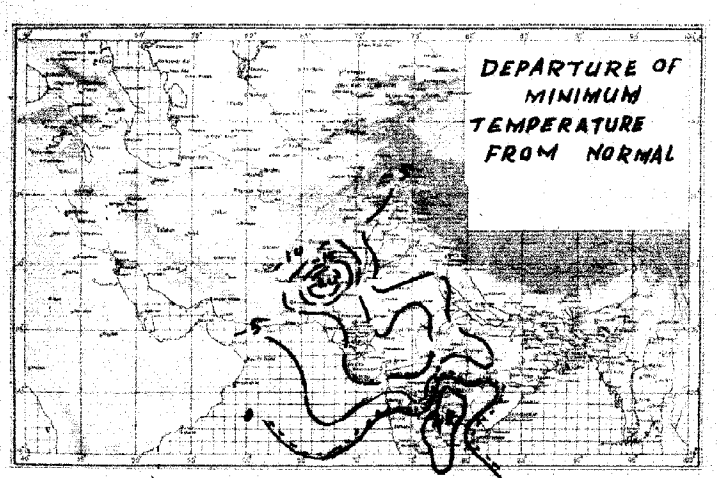
SUNDAY 15TH FEBRUARY, 1970.

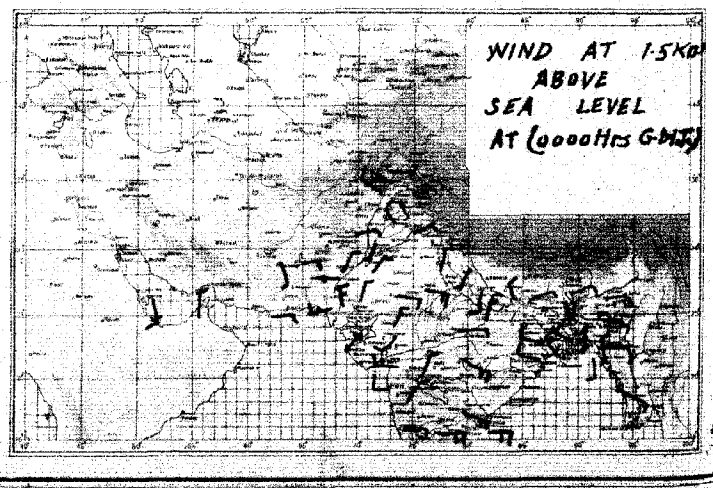


# PAKISTAN DAILY WEATHER MAP

MONDAY 16TH FEBRUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1407
Volume No. 24

**TUESDAY THE 17th FEBRUARY 1970.**

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

Well marked low pressure area over Saurashtra is now less marked.
A through ofof low pressure lies over Quetta and Kalat divisions.
Weather remained dry over the country.
Night temperatures were 3—5 °F (2—3 °C) above normal in Lahore, Rawalpindi, Peshawar, Quetta, Kalat and Khairpur divisions.
**Forecast valid until the evening of 18th February 1970 :**—Rain/drizzle is likely to be scattered in Quetta, Kalat and Peshawar divisions. Dry weather is likely to prevail over the rest of the country.

Karachi-11
The 17th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| DIVISIONS | STATIONS | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | 135 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 90 |
| | Cox's Bazar | 000 | 0 | 8 | 30 | 06 | // | 02 | 0 | 125 | 77 | 0 | 0 | 9 | 0 | 0 | 66 | 85 |
| | Chittagong | 000 | 0 | 0 | 26 | 02 | 96 | 02 | 0 | 129 | 78 | 0 | 0 | 9 | 0 | 0 | 59 | 86 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 130 | 82 | 0 | 0 | 9 | 0 | 0 | 70 | 88 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 120 | 72 | 0 | 0 | 9 | 0 | 0 | 42 | 88 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 125 | 80 | 0 | 0 | 9 | 0 | 0 | 72 | 86 |
| | Sylhet | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 162 | 77 | 0 | 0 | 9 | 0 | 0 | 61 | 85 |
| | Srimangal | 000 | 0 | 1 | 13 | 02 | 96 | 02 | 0 | 146 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 131 | 77 | 0 | 0 | 9 | 0 | 0 | 58 | 85 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | // | 00 | 0 | 127 | 85 | 0 | 0 | 9 | 0 | 0 | 58 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 127 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 88 |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 143 | 82 | 0 | 0 | 9 | 0 | 0 | 51 | 85 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 116 | 77 | 0 | 0 | 9 | 0 | 0 | 58 | 86 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 138 | 82 | 0 | 0 | 9 | 0 | 0 | 76 | 76 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 137 | 78 | 0 | 0 | 9 | 0 | 0 | 60 | 88 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 135 | 78 | 0 | 0 | 9 | 0 | 0 | 50 | 85 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 130 | 83 | 0 | 0 | 9 | 0 | 0 | 52 | 86 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 123 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Rajshahi | 000 | 0 | 2 | 00 | 00 | 95 | 00 | 2 | 131 | 72 | 1 | 6 | 5 | 0 | 0 | 59 | 85 |
| | Bogra | 000 | 0 | 4 | 27 | 02 | 96 | 03 | 0 | 125 | 80 | 2 | 0 | 9 | 3 | 0 | 20 | 86 |
| | Dinajpur | 000 | 0 | 4 | 27 | 02 | 96 | 01 | 0 | 127 | 78 | 4 | 0 | 9 | 4 | 0 | 52 | 85 |
| | Rangpur | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 116 | 65 | 6 | 0 | 9 | 2 | 0 | 60 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 153 | 76 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 110 | 65 | 0 | 0 | 9 | 0 | 0 | 44 | 88 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 149 | 77 | 0 | 0 | 9 | 0 | 0 | 38 | 80 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 0 | 23 | 02 | 99 | 00 | 0 | 157 | 74 | 0 | 0 | 9 | 0 | 0 | 39 | 82 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 151 | 77 | 0 | 0 | 9 | 0 | 0 | 52 | 78 |
| | Sargodha | ... | ... | | ... | ... | | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Lyallpur | 000 | 0 | 0 | 34 | 02 | 96 | 02 | 0 | 120 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 77 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 161 | 78 | 0 | 0 | 9 | 0 | 0 | 42 | 80 |
| | Leiah | 000 | 0 | 6 | 34 | 02 | 96 | 02 | 0 | 158 | 72 | 0 | 0 | 9 | 0 | 0 | 38 | 79 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 05 | 12 | 96 | 05 | 0 | 152 | 78 | 0 | 0 | 9 | 0 | 0 | 37 | 80 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 129 | 75 | 0 | 0 | 9 | 0 | 0 | 44 | 80 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 115 | 76 | 0 | 0 | 9 | 0 | 0 | 64 | 77 |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 143 | 72 | 0 | 0 | 9 | 0 | 0 | 38 | 74 |
| Peshawar | Peshawar | 000 | 0 | 0 | 18 | 03 | 97 | 03 | 0 | 152 | 76 | 0 | 0 | 9 | 0 | 0 | 44 | 76 |
| | Haripur | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 139 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 74 |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | | ... | | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan | ... | ... | ... | ... | ... | | ... | | ... | ... | | | | | | ... | ... |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 159 | 84 | 0 | 0 | 9 | 0 | 0 | 52 | 85 |
| | Nokkundi | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 124 | 78 | 0 | 0 | 9 | 0 | 0 | 40 | 78 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 180 | 87 | 0 | 0 | 9 | 0 | 0 | 34 | 87 |
| | Jiwani | 000 | 0 | 0 | 18 | 07 | 96 | 02 | 0 | 146 | 77 | 0 | 0 | 9 | 0 | 0 | 61 | 83 |
| | Pasni | 000 | 0 | 0 | 25 | 14 | 97 | 02 | 0 | 152 | 80 | 0 | 0 | 9 | 0 | 0 | 64 | 85 |
| Karachi division | Ormara | 000 | 0 | 0 | 18 | 10 | 96 | 02 | 0 | 151 | 81 | 0 | 0 | 9 | 0 | 0 | 51 | 83 |
| | Lasbela | 000 | 0 | 2 | 18 | 01 | 98 | 00 | 0 | 141 | 89 | 0 | 0 | 8 | 0 | 0 | 48 | 90 |
| | Karachi (Manora) | 000 | 0 | 0 | 05 | 05 | 97 | 03 | 0 | 142 | 82 | 0 | 0 | 9 | 0 | 0 | 45 | 83 |
| | Karachi (Airport) | 000 | 0 | 0 | 05 | 10 | 96 | 02 | 0 | 138 | 85 | 0 | 0 | 9 | 0 | 0 | 62 | 87 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 151 | 75 | 0 | 0 | 9 | 0 | 0 | 67 | 89 |
| | Chhor | 000 | 0 | 7 | 36 | 05 | 96 | 02 | 0 | 122 | 87 | 0 | 0 | 9 | 0 | 0 | 34 | 91 |
| | Hyderabad | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 142 | 33 | 0 | 0 | 9 | 0 | 0 | 38 | 85 |
| | Badin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 134 | 38 | 0 | 0 | 9 | 0 | 0 | 52 | 88 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 07 | 96 | 07 | 0 | 144 | 80 | 0 | 0 | 9 | 0 | 0 | 42 | 83 |
| | Nawabshah | 000 | 0 | 0 | 31 | 10 | 96 | 06 | 0 | 150 | 82 | 0 | 0 | 9 | 0 | 0 | 40 | 86 |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 95 | 05 | 4 | 153 | 83 | 0 | 0 | 9 | 0 | 0 | 45 | 83 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 154 | 82 | 0 | 0 | 9 | 0 | 0 | 49 | 83 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Oghi * | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 1 | 531 | 55 | 5 | 8 | 7 | 6 | 8 | 17 | 66 |
| Peshawar | Cherat * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 552 | 60 | 0 | 0 | 9 | 0 | 0 | 24 | 65 |
| | Kakul * | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | | ... | ... | ... | ... | ... |
| | Landikotal * | 000 | 0 | 0 | 30 | 15 | 98 | 02 | 0 | 636 | 62 | 0 | 0 | 9 | 0 | 0 | 24 | 70 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah * | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... |
| | Wana * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 000 | 0 | 5 | 31 | 02 | 98 | 03 | 0 | 514 | 65 | 3 | 1 | 7 | 0 | 1 | 20 | 68 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 09 | 98 | 03 | 0 | /// | 54 | 0 | 0 | 9 | 0 | 0 | 22 | 58 |
| | Loralai * | 000 | 0 | 0 | 09 | 04 | 98 | 00 | 0 | 470 | 48 | 0 | 0 | 9 | 0 | 0 | 35 | 47 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 498 | 72 | 0 | 0 | 9 | 0 | 0 | 28 | 75 |
| | Samungli (Quetta) * | 000 | 0 | 3 | 31 | 05 | 97 | 03 | 0 | 526 | 63 | 0 | 0 | 6 | 0 | 0 | 25 | 64 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 462 | 46 | 0 | 0 | 9 | 0 | 0 | 40 | 48 |
| | Nushki * | 000 | 0 | 0 | 27 | 04 | 97 | 02 | 0 | 569 | 71 | 0 | 0 | 9 | 0 | 0 | 40 | 72 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 534 | 74 | 0 | 0 | 9 | 0 | 0 | 30 | 77 |
| Kalat | Kalat * | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 507 | 58 | 0 | 0 | 9 | 0 | 0 | 53 | 65 |
| | Khuzdar * | | | | | | | | | | | | | | | | | |
| | Panjgur * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 521 | 76 | 0 | 0 | 9 | 0 | 0 | 24 | 78 |

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

| STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † Ws (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 5 | 0 | 18 | 02 | 97 | 00 | 4 | 163 | 73 | 0 | 0 | 9 | 0 | 0 | 80 | 62 |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 150 | 69 | 0 | 0 | 9 | 0 | 8 | 59 | 60 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 145 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 59 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 145 | 69 | 0 | 0 | 9 | 0 | 0 | 60 | 58 |
| Brahmanbaria | 000 | 0 | 0 | 23 | 02 | 97 | 00 | 0 | 14? | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 59 |
| Sylhet | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 161 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 58 |
| Srimangal | 000 | 0 | 0 | 13 | 05 | 95 | 00 | 0 | 180 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 49 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 154 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 60 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 03 | 00 | 96 | 02 | 0 | 149 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | // |
| Faridpur | 000 | 0 | 0 | 03 | 00 | 97 | 00 | 0 | 152 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 58 |
| Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 58 |
| Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Satkhira | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 182 | 73 | 0 | 0 | 9 | 0 | 0 | 50 | 54 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 150 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 168 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 59 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 156 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 53 |
| Bogra | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 150 | 68 | 0 | 0 | 9 | 0 | 0 | 56 | 56 |
| Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 164 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | 56 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 176 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 150 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | 49 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | /// | 56 | 0 | 0 | 9 | 0 | 0 | 49 | 52 |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 172 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 45 |
| Islamabad | | | | | | | | | | | | | | | | | |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 167 | 47 | 0 | 0 | 9 | 0 | 0 | 43 | 45 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 197 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | 47 |
| Sargodha | 000 | 0 | 0 | 00 | 00 | 96 | 10 | 0 | 169 | 46 | 0 | 0 | 9 | 0 | 0 | 41 | 43 |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 152 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 45 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 163 | 54 | 0 | 0 | 9 | 0 | 0 | 40 | 45 |
| Leiah | 000 | 0 | 0 | 36 | 00 | 93 | 00 | 0 | 202 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 38 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 187 | 54 | 0 | 0 | 9 | 0 | 8 | 45 | 50 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 188 | 62 | 0 | 0 | 9 | 0 | 0 | 47 | 51 |
| Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 02? | 56 | 0 | 0 | 9 | 0 | 0 | 42 | 58 |
| Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 47 | 0 | 0 | 9 | 0 | 0 | 38 | // |
| Haripur | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 204 | 51 | 0 | 0 | 9 | 0 | 0 | 33 | 47 |
| Bannu | 000 | 0 | 0 | 31 | 02 | 99 | 00 | 0 | 160 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 40 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 91 | 02 | 0 | 190 | 50 | 0 | 0 | 9 | 0 | 0 | 43 | 40 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 185 | 54 | 0 | 0 | 9 | 0 | 0 | 56 | 53 |
| Nokkundi | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 170 | 56 | 0 | 0 | 9 | 0 | 0 | 31 | 54 |
| Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 168 | 72 | 1 | 6 | 5 | 0 | 0 | 64 | 60 |
| Pasni | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 162 | 60 | 0 | 0 | 9 | 0 | 0 | 60 | 47 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 151 | 42 | 0 | 0 | 9 | 0 | 0 | 55 | 55 |
| Lasbela | // | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 145 | 58 | 0 | 0 | 8 | 0 | 0 | 35 | 53 |
| Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Airport) | 000 | 0 | 0 | 34 | 05 | 96 | 02 | 0 | 139 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 61 |
| Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor | 000 | 0 | 0 | 06 | 02 | 96 | 02 | 0 | 121 | 61 | 0 | 0 | 9 | 0 | 0 | 37 | 56 |
| Hyderabad | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 0 | 145 | 63 | 0 | 0 | 9 | 0 | 0 | 41 | 61 |
| Badin | 000 | 0 | 0 | 36 | 06 | 97 | 02 | 0 | 155 | 55 | 0 | 0 | 9 | 0 | 0 | 37 | 50 |
| Padidan | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 159 | 53 | 0 | 0 | 9 | 0 | 0 | 42 | 51 |
| Nawabshah | 000 | 0 | 0 | 3? | 02 | 96 | 02 | 0 | 153 | 52 | 0 | 0 | 9 | 0 | 0 | 45 | 52 |
| Sukkur | 000 | 0 | 0 | 05 | 03 | 95 | 05 | 4 | 152 | 53 | 0 | 0 | 9 | 0 | 0 | 45 | 55 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 155 | 58 | 0 | 0 | 9 | 0 | 0 | 41 | // |
| Veraval | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | |
| Gulmarg ** | | | | | | | | | | | | | | | | | |
| Sonamarg ** | | | | | | | | | | | | | | | | | |
| Dras ** | | | | | | | | | | | | | | | | | |
| Leh ** | | | | | | | | | | | | | | | | | |
| Skardu * | | | | | | | | | | | | | | | | | |
| Misgar ** | | | | | | | | | | | | | | | | | |
| Aliabad * | | | | | | | | | | | | | | | | | |
| Gilgit * | | | | | | | | | | | | | | | | | |
| Murree * | | | | | | | | | | | | | | | | | |
| Oghi * | 000 | 0 | 6 | 11 | 03 | 56 | 03 | 0 | 542 | 43 | 0 | 0 | 9 | 0 | 4 | 18 | 43 |
| Cherat * | 000 | 0 | 0 | 0? | 00 | 98 | 02 | 0 | 507 | 54 | 0 | 0 | 9 | 0 | 0 | 21 | 47 |
| Kakul * | 000 | 0 | 0 | 36 | 02 | 98 | 01 | 0 | 506 | 50 | 0 | 0 | 9 | 0 | 8 | 43 | // |
| Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 014 | 45 | 0 | 0 | 9 | 0 | 0 | 27 | 33 |
| Parachinar * | 000 | 0 | 9 | 00 | 00 | 99 | 03 | 2 | 484 | 51 | 0 | 8 | 9 | 1 | 1 | 43 | 40 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 531 | 47 | 0 | 0 | 9 | 0 | 0 | 31 | 45 |
| Wana * | | | | | | | | | ... | ... | | ... | ... | | ... | ... | ... |
| Fort Sandeman * | 000 | 0 | 0 | 13 | 02 | 57 | 02 | 1 | 531 | 42 | 0 | 0 | 9 | 0 | 0 | 22 | 39 |
| Hindubagh * | 000 | 0 | 0 | 23 | 05 | 58 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 30 | // |
| Loralai * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 470 | 38 | 0 | 0 | 9 | 0 | 0 | 25 | 35 |
| Barkhan * | | | | | | | | | | | | | | | | | |
| Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 477 | 52 | 0 | 0 | 9 | 0 | 0 | 31 | 50 |
| Samungli (Quetta) * | 000 | 0 | 0 | 10 | 00 | 96 | 02 | 0 | 520 | 37 | 0 | 0 | 9 | 0 | 0 | 27 | 32 |
| Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 543 | 48 | 0 | 0 | 9 | 0 | 0 | 37 | 39 |
| Nushki * | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 582 | 58 | 0 | 0 | 9 | 0 | 0 | 34 | 54 |
| Dalbandin * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 496 | 44 | 0 | 0 | 9 | 0 | 0 | 33 | 47 |
| Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 535 | 35 | 0 | 0 | 9 | 0 | 0 | 30 | 35 |
| Khuzdar * | | | | | | | | | | | | | | | | | |
| Panjgur * | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 490 | 47 | 0 | 0 | 9 | 0 | 0 | 30 | 46 |

**Departure from Normal of / Rainfall**

| STATIONS | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 1.8 | — | 0.3 | |
| Cox's Bazar | + 2 | | | | | 140 |
| Chittagong | + 3 | + 1 | — | | — | 108 |
| Maijdee Court | + 7 | — 4 | 1.0 | — 1.5 | 0.7 | 115 |
| Comilla | + 6 | — 5 | 1.7 | — 1.2 | 1.2 | 94 |
| Brahmanbaria | — | — | — | — | — | 78 |
| Sylhet | — | — | 3.6 | — | 2.1 | — |
| Srimangal | — 2 | — 3 | — | — | — | 98 |
| Mymensingh | + 6 | | | | | 91 |
| Narayanganj | + 3 | + 1 | 2.5 | + 0.4 | 1.1 | 74 |
| Dacca (Tejgaon) | — | — | — | | — | — |
| Faridpur | + 5 | + 2 | 2.4 | + 0.1 | 0.7 | 71 |
| Barisal | + 4 | — 2 | 1.0 | — 1.6 | 0.1 | 81 |
| Khulna | + 2 | | | | | 68 |
| Satkhira | + 3 | — 5 | 0.2 | — 1.7 | 0.0 | 65 |
| Jessore | — | — | — | — | — | 65 |
| Pabna | — | | | | | 59 |
| Sirajganj | + 2 | + 5 | 1.9 | + 0.2 | 1.5 | 64 |
| Rajshahi | + 5 | — 2 | — | | — | — |
| Bogra | — 5 | + 1 | 1.7 | + 0.2 | 0.5 | 69 |
| Dinajpur | + 5 | + 3 | 2.3 | + 1.0 | 0.8 | 72 |
| Rangpur | + 1 | + 1 | 2.2 | + 1.0 | 0.8 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | + 3 | + 3 | 0.8 | — 1.4 | 0.8 | 11 |
| Sialkot | + 12 | + 7 | 1.6 | — 2.3 | 1.6 | 32 |
| Jhelum | — | — | 1.2 | — | 1.7 | — |
| Islamabad | | | | | | — |
| Rawalpindi | + 17 | + 4 | 2.9 | — 2.5 | 2.7 | 36 |
| Campbellpur | | | | | | — |
| Khushab | + 8 | 0 | 0.3 | — 1.6 | 0.3 | 15 |
| Sargodha | — | — | 0.4 | — | 0.3 | — |
| Lyallpur | + 5 | + 1 | 0.8 | — 0.3 | 0.4 | 13 |
| Sahiwal | | | | | | 18 |
| Multan | + 7 | — 2 | 0.1 | — 0.9 | 0.1 | 7 |
| Leiah | — | | — | | — | 8 |
| Khanpur | + 9 | + 3 | 0.7 | 0.0 | 0.4 | 6 |
| Bahawalpur | + 3 | + 2 | 1.0 | 0.5 | 0.0 | 6 |
| Fort Abbas | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | — | | | | | — |
| Peshawar | + 10 | — | — | — | — | 11 |
| Haripur | — | — | — | — | — | — |
| Bannu | | — | 0.7 | — | 0.3 | 11 |
| D. I. Khan | — | + 2 | — | — | — | 9 |
| Sibi | — | — | 0.0 | — | 0.0 | 5 |
| Nokkundi | — | — | 1.7 | — | 1.7 | 1 |
| Turbat | — | | | | | — |
| Jiwani | — | — | 8.7 | — | 7.9 | 5 |
| Pasni | + 9 | — | 2.5 | — 1.4 | 2.5 | 6 |
| Ormara | — | — | 2.3 | — 1.2 | 2.3 | 4 |
| Lasbela | — | — | 0.0 | | 0.0 | 8 |
| Karachi (Manora) | + 4 | | | | | 8 |
| Karachi (Airport) | — | — | 0.3 | — | 0.3 | — |
| Nagarparkar | — | | | | | — |
| Chhor | — | — | — | — | — | 2 |
| Hyderabad | + 4 | + 6 | 0.2 | — 0.3 | 0.2 | 9 |
| Badin | + 3 | — 6 | 0.1 | — 0.6 | 0.1 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 0.1 | — | 0.1 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | + 6 | + 3 | 0.2 | — 0.5 | 0.1 | 70 |
| Veraval | | | | | | 26 |
| Srinagar * | | | | | | — |
| Gulmarg ** | | | | | | 71 |
| Sonamarg ** | | | | | | 34 |
| Dras ** | | | | | | 3 |
| Leh ** | | | | | | 6 |
| Skardu * | | | | | | — |
| Misgar ** | | | | | | — |
| Aliabad * | | | | | | 5 |
| Gilgit * | | | | | | 39 |
| Murree * | | | | | | 18 |
| Oghi * | + 16 | + 9 | 1.6 | — | 1.0 | 39 |
| Cherat * | + 12 | + 6 | 2.0 | — 4.8 | 1.4 | — |
| Kakul * | — | — | 2.3 | — | 1.9 | — |
| Landikotal * | — | — | 0.9 | — | 0.2 | 39 |
| Parachinar * | | + 9 | 2.2 | — | 1.6 | 13 |
| Miranshah * | — | — | 0.0 | — 2.5 | 0.0 | 11 |
| Wana * | | | | | | 13 |
| Fort Sandeman * | + 9 | + 6 | 0.4 | — 1.7 | 0.4 | — |
| Hindubagh * | — | — | 1.2 | — | 1.0 | 9 |
| Loralai * | — | — | 0.3 | — | 0.3 | — |
| Barkhan * | | | | | | 14 |
| Harnai * | — | — | 0.7 | — 2.2 | 0.7 | 9 |
| Samungli (Quetta) * | — | — | 1.9 | — 2.6 | 1.2 | 9 |
| Chaman * | + 8 | + 1 | 7.7 | + 3.1 | 7.7 | — |
| Nushki * | — | — | 3.0 | — | 2.9 | 4 |
| Dalbandin * | + 10 | + 9 | 2.3 | — 0.1 | 2.2 | 7 |
| Kalat * | + 11 | + 3 | 0.9 | — 2.6 | 0.9 | — |
| Khuzdar * | | | | | | 5 |
| Panjgur * | + 13 | + 7 | — | — | — | — |

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When over 999 is given 888 see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 17th FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wa}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Venassa | 99 2 14 | 10 6 27 | 16 0 03 | 80 0 00 | 98 0 20 | 16 5 23 | 00 / 00 | 01 6 10 | | | 01 / 67 | 17 5 00 | 30 0 09 | |
| Venassa | 99 2 04 | 10 6 35 | 16 0 63 | 50 0 80 | 98 0 30 | 19 1 23 | 52 5 00 | 01 2 12 | | | 01 / 68 | 17 5 06 | 30 8 00 | |
| Compla | 99 2 32 | 10 6 41 | 17 0 63 | 08 4 20 | 99 0 20 | 14 9 26 | 00 9 00 | 53 8 06 | | | 08 2 15 | ... | 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 |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 018 168 31 | ... | 450 100 56 | 076 004 50 | 574 141 54 | 734 241 58 | 941 387 57 | 288 561 // | 387 463 // | 424 807 // | ... | ... | ... |
| Dacca | 00 00 | 011 184 57 | ... | 458 124 63 | 087 030 62 | 573 135 69 | 739 255 69 | 942 389 68 | 212 527 // | 893 647 // | 633 767 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 010 150 58 | ... | 450 090 59 | 058 021 62 | 564 181 // | 728 281 // | 929 401 7/ | .. | .. | ... | ... | ... | — |
| Multan | 00 00 | 000 180 40 | ... | 450 074 20 | 063 004 30 | 570 111 // | 739 175 // | 951 261 // | 238 345 // | 436 418 // | ... | ... | ... | ... |
| Peshawar | 00 00 | 972 080 56 | ... | 408 104 58 | /// /// // | /// /// // | 728 295 // | 927 435 // | 193 551 // | — | ... | — | ... | ... |
| Quetta | | | | | | | | | | | | | | |
| Sargodha | 00 00 | 994 074 50 | ... | 480 034 58 | 990 061 61 | 552 211 // | 714 301 // | 924 395 // | 194 491 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 148 56 | 800 078 57 | 600 073 58 | 350 305 58 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 160 63 | 800 094 64 | 600 065 62 | 350 303 68 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | | | | | — | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 900 140 57 | /// /// // | /// /// // | /// /// // | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta | | | | | | | | | | | | | |
| Sargodha | 00 00 | ... | ... | — | ... | ... | ... | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 345 03 | 345 03 | 350 04 | 245 05 | 225 13 | 260 20 | 245 31 | 280 30 | ... |
| Bogra | ... | | ... | | ... | ... | ... | | ... |
| Chaklala | ... | 235 05 | 245 05 | 145 03 | 110 04 | 115 04 | 140 06 | 160 04 | 230 03 |
| Chhor | 010 10 | 015 14 | 010 15 | 035 09 | 075 06 | 275 04 | 265 20 | 200 27 | 275 40 |
| Chittagong | 280 04 | 245 10 | 245 15 | 200 17 | 160 14 | 240 14 | 230 16 | 235 17 | 240 17 |
| Charat | ... | ... | ... | — | ... | ... | — | ... | ... |
| Cox's Bazar | 225 11 | 250 10 | 225 09 | 195 10 | 165 10 | 105 07 | | | ... |
| Dacca | 285 06 | 285 05 | 280 03 | 285 03 | 285 10 | 255 17 | 255 35 | 270 47 | 285 49 |
| Dalbandin | — | ... | 135 01 | 090 04 | 155 02 | 315 04 | 295 11 | 275 23 | 275 21 |
| D. I. Khan | 045 03 | 045 05 | 045 05 | 060 05 | 030 09 | 330 07 | 010 15 | 305 10 | 305 13 |
| Drosh | ... | ... | ... | ... | 170 02 | 170 06 | 270 04 | 060 03 | ... |
| Fort Sandeman | ... | ... | ... | 215 05 | 225 06 | 290 10 | 250 16 | 245 17 | — |
| Gilgit | .. | — | .. | 155 03 | 135 04 | 275 05 | 165 02 | 275 05 | . |
| Ishurdi | — | ... | ... | ... | .. | — | ... | — | .. |
| Jacobabad | 075 10 | 080 08 | 070 04 | 070 04 | 050 05 | 035 07 | 290 10 | 290 17 | . |
| Jessore | 335 11 | 330 11 | 330 11 | 335 13 | 330 20 | 320 15 | ... | | ... |
| Jhelum | 205 02 | 285 03 | 150 02 | 080 11 | 130 05 | 145 10 | 180 08 | 245 18 | 265 17 |
| Jiwani | 155 04 | 165 04 | 155 05 | 100 06 | 105 11 | 065 06 | 270 17 | 275 29 | 255 38 |
| Karachi | 045 12 | 045 10 | 040 08 | 040 10 | 025 09 | 305 06 | 280 13 | 260 29 | 255 37 |
| Khanpur | 040 37 | 035 31 | 035 37 | 050 46 | 055 50 | — | — | .. | ... |
| Khuzdar | ... | — | .. | | ... | — | .. | ... | |
| Lahore | 340 06 | 335 06 | 340 04 | 005 07 | 020 06 | 355 03 | 310 03 | 270 09 | 300 08 |
| Multan | 045 07 | 015 08 | 355 09 | 345 09 | 340 13 | 350 10 | 235 14 | 280 13 | 265 17 |
| Nawab Shah | 355 16 | 020 12 | 030 12 | 040 16 | 050 14 | 265 04 | 275 10 | ... | |
| Nokkundi | ... | — | 080 04 | 155 03 | 210 01 | 045 07 | 245 10 | 270 20 | 265 15 |
| Panjgur | — | .. | ... | 055 02 | 025 06 | 065 06 | 265 12 | 265 23 | 260 19 |
| Peshawar | .. | 110 02 | 325 04 | 310 04 | 045 05 | 325 10 | 040 05 | 275 14 | 270 20 |
| Parachinar | ... | ... | .. | ... | ... | | — | .. | |
| Quetta | . | | | ... | 005 04 | 290 05 | 275 10 | 260 18 | 275 11 |
| Sargodha | 085 02 | 045 02 | 030 02 | 035 07 | 355 08 | 305 08 | 285 13 | 265 15 | 265 19 |
| Skardu | .. | ... | ... | ... | ... | | ... | — | ... |
| Sylhet | 270 13 | 260 10 | 235 07 | 200 05 | 260 11 | 255 17 | 245 10 | — | ... |
| Veraval | ... | ... | . | ... | ... | | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 360 02 | 305 03 | 345 05 | 330 15 | 330 15 | 295 21 |
| Bogra | 360 03 | 240 06 | 220 08 | 285 12 | 305 31 | 300 29 |
| Chaklala | ... | 075 07 | 035 03 | 280 03 | 215 10 | 060 09 |
| Chhor | . | .. | | | .. | .. |
| Chittagong | — | .. | ... | ... | ... | ... |
| Charat | ... | ... | . | ... | .. | ... |
| Cox's Bazar | 360 14 | 355 12 | 325 09 | 280 08 | 235 04 | 230 11 |
| Dacca | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 065 06 | 070 10 | 180 04 | 270 09 |
| D. I. Khan | 095 05 | 160 02 | 210 02 | 280 03 | 315 03 | 320 04 |
| Drosh | . | ... | .. | 135 01 | 245 01 | 040 04 |
| Fort Sandeman | ... | .. | .. | 035 03 | 015 07 | 355 14 |
| Gilgit | ... | | | ... | ... | .. |
| Ishurdi | 330 02 | 285 04 | 290 06 | 275 09 | | ... |
| Jacobabad | 065 09 | 040 66 | 025 06 | 065 05 | 060 04 | 115 04 |
| Jessore | 285 03 | 240 02 | 220 02 | 290 10 | 325 21 | 300 25 |
| Jhelum | 235 04 | 250 07 | 260 07 | 030 04 | /// // | 110 09 |
| Jiwani | /// // | /// // | 285 10 | 185 06 | 160 08 | 095 07 |
| Karachi | .. | ... | | ... | | |
| Khanpur | 080 12 | 083 13 | 165 17 | 035 17 | 335 10 | 235 17 |
| Khuzdar | | | .. | 120 04 | 100 05 | 325 06 |
| Lahore | 360 08 | 335 10 | 355 08 | 355 07 | 075 02 | 275 05 |
| Multan | 020 11 | 005 11 | 015 11 | 270 04 | 270 08 | 095 06 |
| Nawab Shah | ... | ... | ... | | ... | .. |
| Nokkundi | ... | | 080 08 | 315 08 | 170 12 | 215 09 |
| Panjgur | ... | | .. | 115 13 | 115 05 | 050 06 |
| Peshawar | ... | 330 02 | 020 04 | /// // | 330 02 | /// // |
| Parachinar | ... | ... | | — | ... | .. |
| Quetta | ... | | | /// // | 300 08 | 270 08 |
| Sargodha | 280 04 | 320 06 | 355 06 | 015 10 | 260 15 | 020 15 |
| Skardu | ... | | | | | |
| Sylhet | 130 04 | 115 05 | 250 04 | 235 06 | 270 14 | 290 24 |
| Veraval | . | . | | — | | |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 240 09 | 260 04 | 270 02 | 275 07 | 295 10 | 290 18 | 295 19 | ... | 310 31 | ... | |
| Bogra | 335 02 | 250 08 | 260 13 | 255 14 | 285 21 | 295 47 | ... | .. | .. | .. | . |
| Chaklala | .. | 205 02 | 300 02 | 250 03 | 020 08 | 105 02 | 295 06 | 285 11 | 285 10 | ... | ... |
| Chhor | | | | | | | | | | .. | ... |
| Chittagong | 220 04 | 355 03 | 355 03 | 340 12 | 295 16 | 325 13 | 310 25 | 345 17 | 320 31 | ... | — |
| Charat | ... | . | .. | ... | .. | ... | .. | .. | .. | .. | ... |
| Cox's Bazar | 285 04 | 205 09 | 220 04 | 210 09 | 215 12 | 355 17 | 310 20 | /// // | 310 26 | ... | |
| Dacca | 270 06 | 270 08 | 275 13 | 275 13 | 305 16 | 300 31 | 280 36 | 280 43 | 280 45 | 285 35 | 280 70 |
| Dalbandin | ... | 070 05 | 050 05 | 145 03 | 215 03 | 285 03 | 220 07 | 235 10 | 215 13 | 245 24 | 235 41 |
| D. I. Khan | 255 02 | 280 03 | 220 03 | 180 04 | 250 08 | 195 04 | .. | 265 12 | 180 17 | 265 07 | ... |
| Drosh | ... | ... | .. | 045 03 | 055 04 | 360 13 | 005 06 | 330 04 | | ... | ... |
| Fort Sandeman | ... | ... | .. | 235 04 | 220 07 | 110 04 | 225 03 | 265 09 | 260 17 | 270 26 | 250 45 |
| Gilgit | | | | 135 01 | 295 01 | 040 04 | 355 10 | ... | ... | .. | ... |
| Ishurdi | 050 01 | 230 07 | 240 12 | 250 15 | 285 11 | 335 22 | 205 28 | .. | ... | ... | .. |
| Jacobabad | 070 06 | 025 03 | 010 03 | 060 04 | 115 03 | 085 10 | 255 17 | 255 21 | 210 25 | ... | . |
| Jessore | .. | . | ... | ... | .. | ... | ... | .. | ... | .. | .. |
| Jhelum | 300 09 | 310 09 | 310 11 | 315 08 | 295 08 | 030 03 | 210 06 | 240 04 | 250 10 | 275 23 | 275 19 |
| Jiwani | 270 08 | 280 05 | 260 04 | 300 05 | 180 06 | 245 06 | 235 14 | 210 31 | 230 33 | 235 41 | 235 64 |
| Karachi | 040 12 | 050 17 | 055 15 | 065 10 | 075 09 | 065 07 | 120 09 | 205 10 | 220 14 | 225 29 | ... |
| Khanpur | 065 19 | 065 23 | 070 24 | 070 29 | 075 16 | 205 18 | 085 05 | 205 15 | 200 17 | /// // | 270 51 |
| Khuzdar | .. | | ... | . | | ... | | ... | ... | — | — |
| Lahore | 015 01 | 355 06 | 330 09 | 310 08 | 340 06 | 240 04 | 340 13 | 340 18 | 330 21 | 310 19 | 295 27 |
| Multan | 160 06 | 090 06 | 090 09 | 305 06 | 310 06 | 285 03 | 270 16 | 260 23 | 245 22 | 245 26 | 260 78 |
| Nawab Shah | 030 13 | 015 12 | 055 11 | 060 11 | 095 09 | 180 06 | 295 19 | 225 35 | 235 46 | ... | - |
| Nokkundi | ... | — | 075 08 | 110 06 | 120 06 | 180 05 | 260 07 | 260 07 | 225 12 | ... | ... |
| Panjgur | . | | | 090 10 | 305 05 | 050 05 | 010 12 | 030 19 | 320 23 | ... | . |
| Peshawar | ... | 345 02 | 350 04 | 265 06 | 305 09 | 290 03 | 020 07 | 285 15 | 295 27 | 285 36 | 270 50 |
| Parachinar | ... | ... | ... | ... | ... | ... | | — | . | ... | .. |
| Quetta | ... | ... | | /// // | 290 02 | 305 06 | 325 12 | 230 17 | 235 21 | ... | ... |
| Sargodha | 240 02 | 285 02 | 245 01 | 315 07 | 335 11 | 310 12 | 305 13 | 295 17 | 295 16 | 285 21 | .. |
| Skardu | ... | ... | ... | 090 01 | /// // | 110 07 | 160 05 | 340 09 | 360 67 | ... | ... |
| Sylhet | 135 02 | 205 05 | 215 09 | 240 12 | 270 12 | 290 41 | 275 41 | — | — | ... | ... |
| Veraval | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 020 27 | 045 27 | 045 21 | 050 12 | 025 06 | 360 07 | 165 08 | 220 15 | 225 27 | 235 96 | ... | — | ... | — | — | ... | ... | ... |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

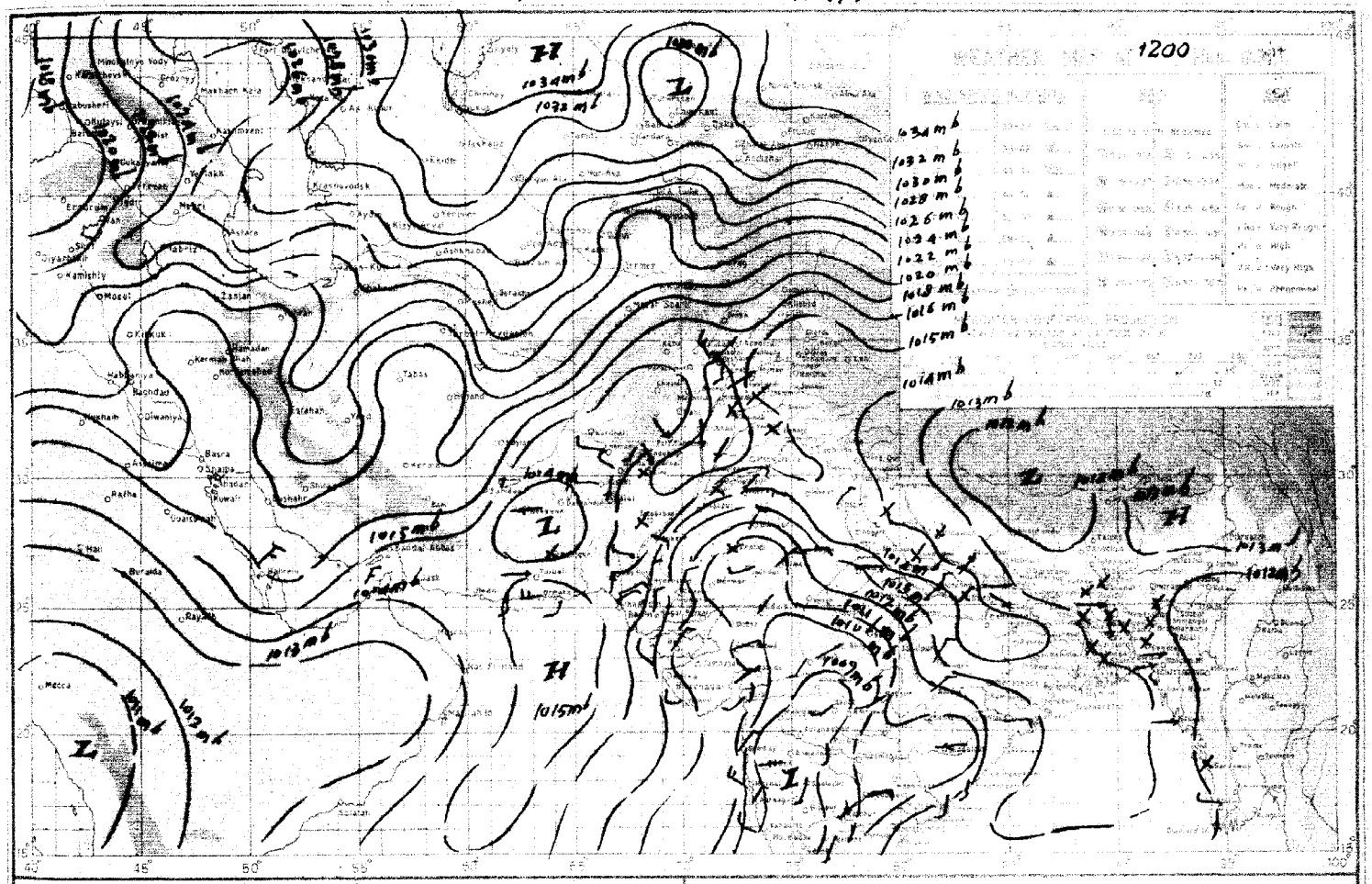
* The actual time of observations may vary within half an hour of the specified time.

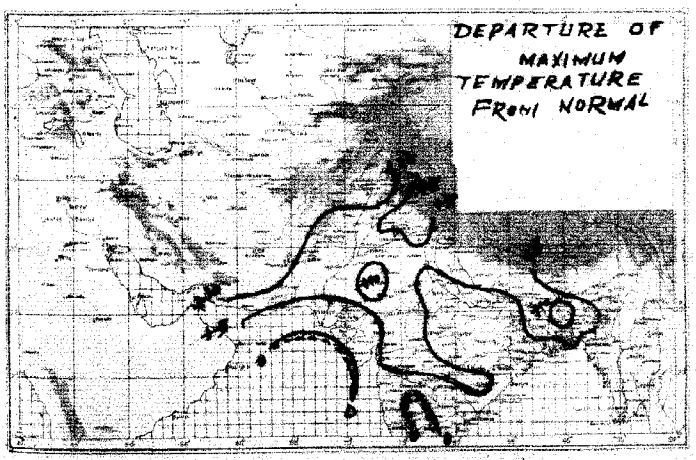
† The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

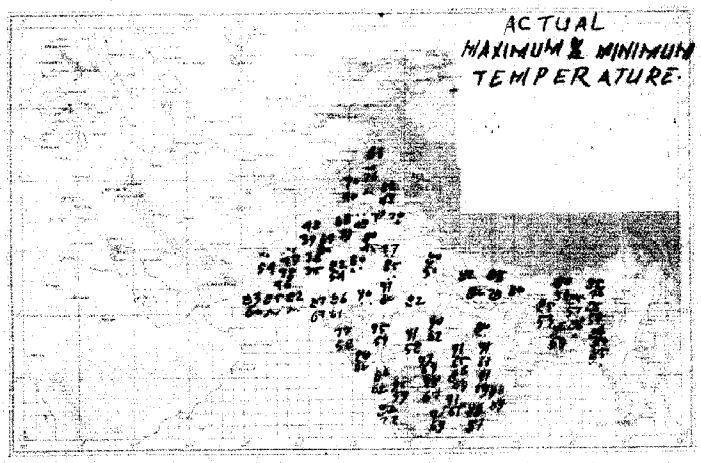
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

MONDAY 16TH FEBRUARY, 1970

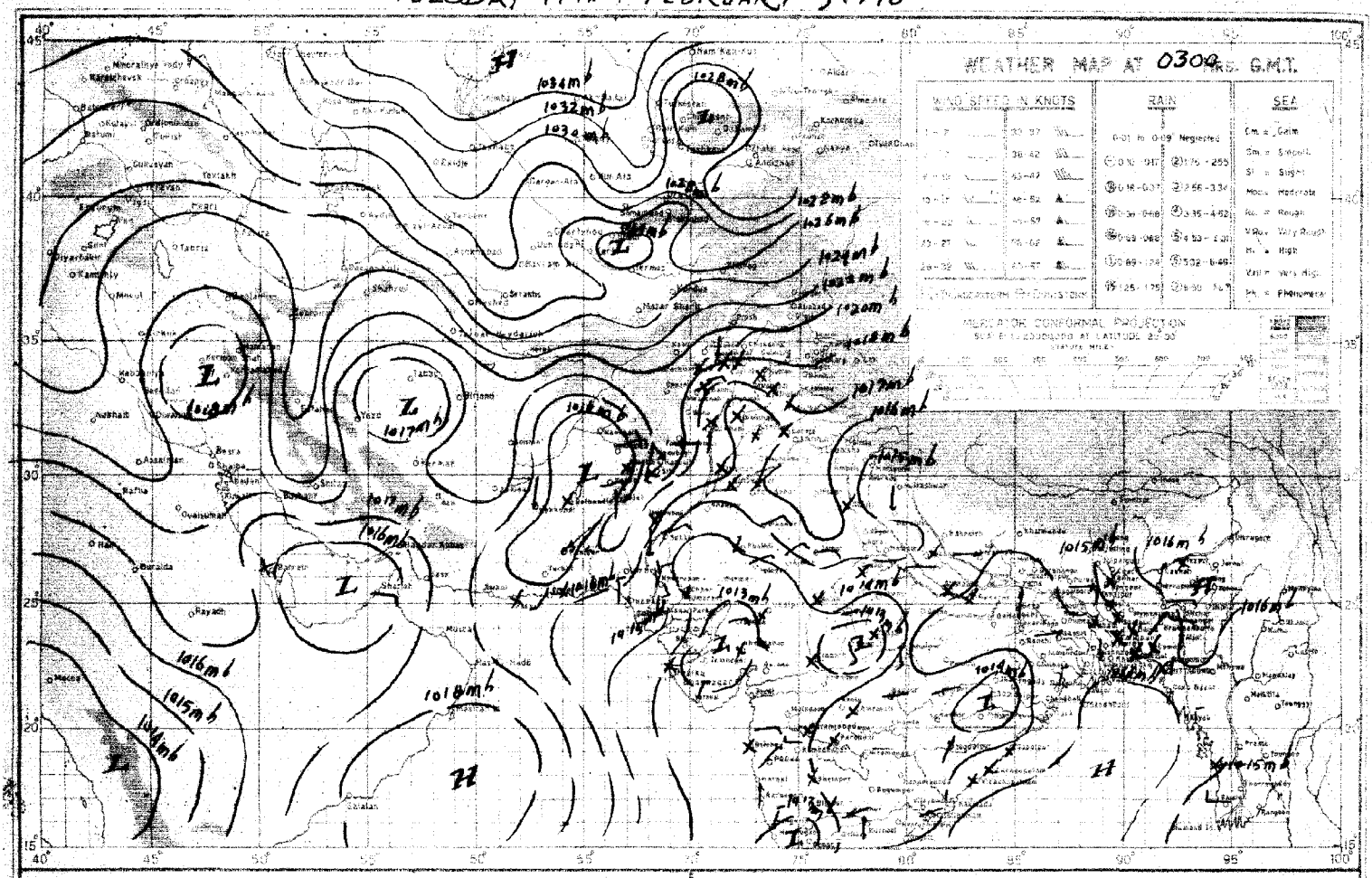


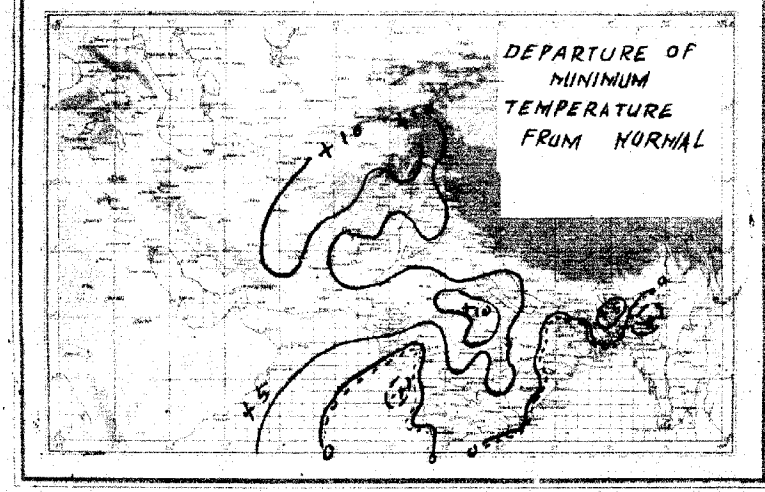



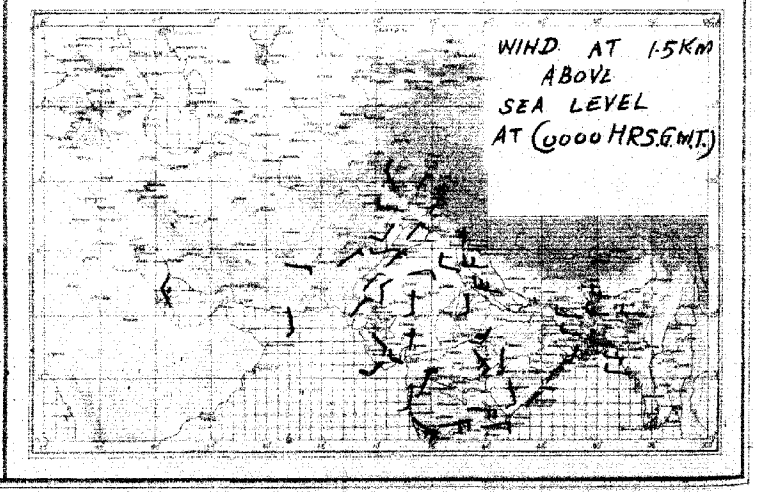



# PAKISTAN DAILY WEATHER MAP

TUESDAY 17TH FEBRUARY, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 18th FEBRUARY 1970.**

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

Yesterday's low pressure area over Saurashtra and neighbourhood has become well marked.
A fresh western disturbance lies over east Iran and adjoining area.
A trough of low pressure lies over west Bengal and neighbourhood.
Weather remained dry over the country except for a few falls of light rain reported from Khairpur division.
Night temperatures were 7—10 °F (4—6 °C) above normal in Quetta division and 3—6 °F (2—3 °C) so in Dacca, Rajshahi, Rawalpindi, Bahawalpur, D. I. Khan, Kalat, Karachi, Hyderabad and Khairpur divisions.

**Forecast valid until the evening of 19th February 1970 :—** Scattered thunderstorm/showers are likely to occur in Quetta, Khairpur, Hyderabad, D. I. Khan, Peshawar, Malakand, Khulna, Rajshahi divisions and Kashmir and a few dust/thunderstorms elsewhere over west Pakistan.

Karachi-11
The 18th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| Division | Stations | As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (We) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility† (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths) * (PPP) | Dry Bulb temperature * (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature *@ (TdTd) | Maximum temperature *F (TxTx) | As 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (We) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past Weather (W) | Sea level pressure (mbs. and tenths) * (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (h) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature *@ (TdTd) | Minimum temperature (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum Temperature (TnTn) | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Norm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | — | 000 | 0 | 1 | 31 | 02 | 95 | 01 | 0 | 119 | 82 | 1 | 1 | 7 | 0 | 0 | 56 | 91 | 000 | 4 | 3 | 27 | 02 | 97 | 03 | 4 | 171 | 69 | 1 | 1 | 7 | 0 | 4 | 64 | 64 | — | — | 1.8 | — | 0.3 | — | 140 |
| | Cox's Bazar | — | 000 | 0 | 0 | 27 | 06 | // | 02 | 0 | 123 | 75 | 0 | 0 | 9 | 0 | 0 | 64 | 86 | 000 | 0 | 0 | 09 | 06 | 95 | 00 | 0 | 151 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | + 3 | 0 | — | — | — | — | 102 |
| | Chittagong | — | 000 | 0 | 2 | 27 | 02 | 96 | 01 | 1 | 119 | 78 | 0 | 0 | 9 | 0 | 1 | 64 | 84 | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 158 | 69 | 0 | 0 | 9 | 0 | 2 | 56 | 59 | + 3 | 0 | — | — | — | — | 192 |
| | Maijdee Court | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 108 | 80 | 0 | 0 | 9 | 0 | 0 | 56 | 88 | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 0 | 163 | 77 | 0 | 0 | 9 | 0 | 0 | 60 | 59 | + 7 | 4 | 1.0 | — 1.5 | 0.7 | 115 |
| | Comilla | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 123 | 82 | 0 | 0 | 9 | 0 | 0 | 43 | 77 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 73 | 0 | 0 | 9 | 0 | 0 | 27 | 59 | / | + 1 | 1.7 | — 0.8 | 1.2 | 94 |
| | Brahmanbaria | — | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 111 | 80 | 0 | 0 | 9 | 0 | 5 | 73 | 86 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 154 | 71 | 0 | 0 | 9 | 0 | 0 | 66 | 59 | — | — | — | — | — | — | 78 |
| | Sylhet | — | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 108 | 77 | 0 | 0 | 9 | 0 | 1 | 54 | 82 | 000 | 0 | 2 | 05 | 05 | 96 | 02 | 0 | 162 | 68 | 0 | 0 | 9 | 0 | 1 | 58 | 56 | — | — | 3.6 | — | 2.1 | — | — |
| | Srimangal | + | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 148 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 80 | 000 | 0 | 4 | 18 | 05 | 96 | 02 | 0 | 184 | 68 | 0 | 0 | 9 | 7 | 2 | 59 | 56 | — | 4 | — | 2 | — | — | 98 |
| Dacca | Mymensingh | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 102 | 78 | 0 | 0 | 9 | 0 | 0 | 54 | 86 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 196 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 60 | + 7 | — | — | — | — | — | 91 |
| | Narayanganj | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 110 | 80 | 0 | 0 | 9 | 0 | 0 | 62 | 87 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 152 | 75 | 0 | 0 | 9 | 0 | 0 | 62 | 62 | + 5 | + 2 | 2.5 | + 0.3 | 1.1 | — | 74 |
| | Dacca (Tejgaon) | — | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 2 | 110 | 80 | 0 | 0 | 9 | 0 | 4 | 56 | 81 | 000 | 0 | 1 | 31 | 02 | 96 | 05 | 0 | 149 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | — | — | — | — | — | — | — |
| | Faridpur | — | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 1 | 127 | 82 | 0 | 0 | 9 | 0 | 1 | 56 | 88 | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 154 | 73 | 1 | 0 | 9 | 0 | 0 | 60 | 60 | + 6 | + 4 | 2.4 | — 0.1 | 0.7 | — | 71 |
| Khulna | Barisal | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 5 | 23 | 03 | 96 | 03 | 2 | 149 | 77 | 0 | 0 | 9 | 0 | 2 | 60 | 60 | — | — | 1.0 | — 1.6 | 0.1 | — | 81 |
| | Khulna | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 138 | 82 | 0 | 0 | 9 | 0 | 0 | 77 | 66 | 000 | 0 | 0 | 00 | 00 | 9 | 00 | 0 | 142 | 77 | 0 | 0 | 9 | 0 | 0 | 69 | 58 | + 2 | — | 1 | — | — | — | 60 |
| | Satkhira | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 137 | 78 | 0 | 0 | 9 | 0 | 0 | 60 | 67 | 000 | 0 | 4 | 18 | 02 | 97 | 00 | 0 | 146 | 71 | 4 | 2 | 8 | 1 | 0 | 49 | 58 | + 2 | — | 1 | 0.2 | — 1.8 | 0.1 | 65 |
| | Jessore | — | 000 | 0 | 2 | 33 | 03 | 97 | 02 | 0 | 165 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 70 | 000 | 0 | 3 | 23 | 05 | 96 | 05 | 0 | 144 | 71 | 0 | 0 | 9 | 0 | 0 | 66 | 60 | — | — | — | — | — | — | 65 |
| Rajshahi | Pabna | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 144 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 59 | — | — | — | — | — | — | 59 |
| | Sirajganj | — | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 105 | 82 | 0 | 0 | 9 | 0 | 0 | 54 | 82 | 000 | 0 | 4 | 00 | 00 | 98 | 03 | 0 | 148 | 72 | 4 | 0 | 7 | 4 | 0 | 62 | 58 | + 2 | + 4 | 1.9 | + 0.2 | 1.5 | — | 64 |
| | Rajshahi | — | 000 | 0 | 1 | 00 | 00 | 95 | 03 | 0 | 117 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 84 | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 151 | 77 | 1 | 0 | 5 | 0 | 0 | 60 | 60 | + 4 | + 2 | — | — | — | — | — |
| | Bogra | — | 000 | 0 | 3 | 20 | 30 | 96 | 03 | 0 | 105 | 78 | 0 | 0 | 9 | 0 | 1 | 54 | 84 | 000 | 0 | 5 | 13 | 02 | 96 | 01 | 0 | 147 | 75 | 2 | 5 | 5 | 7 | 1 | 58 | 59 | + 5 | + 1 | 1.7 | + 0.1 | 0.5 | — | 97 |
| | Dinajpur | — | 000 | 0 | 0 | 27 | 02 | 95 | 00 | 0 | 097 | 78 | 0 | 0 | 9 | 0 | 0 | 54 | 84 | 000 | 0 | 0 | 04 | 02 | 96 | 00 | 0 | 148 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | // | + 4 | / | 2.3 | + 1.0 | 0.8 | — | 73 |
| | Rangpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 117 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 82 | 000 | 0 | 1 | 09 | 02 | 96 | 03 | 0 | 153 | 64 | 1 | 0 | 9 | 1 | 0 | 60 | 54 | + 3 | + 1 | 2.8 | + 1.0 | 0.8 | — | 84 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Ist Rd.) | — | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 120 | 75 | 0 | 0 | 9 | 0 | 0 | 41 | 77 | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 151 | 57 | 0 | 0 | 9 | 0 | 0 | 45 | 46 | + 4 | + 2 | 0.8 | — 1.4 | 0.8 | — | 19 |
| | Sialkot | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 110 | 64 | 0 | 0 | 9 | 0 | 0 | 41 | 87 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 121 | 58 | 0 | 0 | 9 | 0 | 0 | 49 | // | + 17 | // | 1.6 | — 1.4 | 1.6 | — | 32 |
| Rawalpindi | Jhelum | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 152 | 49 | 0 | 0 | 9 | 0 | 1 | 45 | 46 | | — | 1.7 | — | 1.7 | — | — |
| | Islamabad | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | — | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 116 | 72 | 0 | 0 | 9 | 0 | 4 | 48 | 77 | 000 | 0 | 3 | 00 | 00 | 97 | 00 | 0 | 157 | 49 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | + 10 | + 4 | 2.9 | — 2.6 | 2.7 | — | 36 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 107 | 76 | 0 | 0 | 9 | 0 | 0 | 56 | 80 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 144 | 49 | 0 | 0 | 9 | 8 | 0 | 45 | 49 | + 10 | + 2 | 0.3 | — 1.6 | 0.3 | — | 15 |
| | Sargodha | — | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 146 | 80 | 0 | 0 | 9 | 0 | 0 | 43 | 80 | 000 | 0 | 2 | 09 | 02 | 95 | 04 | 0 | 142 | 49 | 0 | 0 | 9 | 0 | 1 | 42 | 45 | — | — | 0.4 | — | 0.3 | — | — |
| | Lyallpur | — | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 122 | 73 | 0 | 0 | 9 | 0 | 0 | 49 | 77 | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 143 | 53 | 0 | 0 | 9 | 0 | 0 | 40 | 45 | + 5 | + 1 | 0.8 | — 0.3 | 0.4 | — | 13 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 116 | 77 | 0 | 0 | 9 | 0 | 0 | 43 | 80 | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 140 | 52 | 3 | 0 | 9 | 3 | 0 | 45 | 41 | + 7 | — 6 | 0.1 | — 0.9 | 0.1 | — | 7 |
| | Lodhi | — | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 181 | 69 | 0 | 0 | 9 | 0 | 0 | 53 | 78 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 146 | 42 | 0 | 0 | 9 | 0 | 0 | 37 | 39 | — | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 103 | 80 | 0 | 0 | 9 | 0 | 0 | 33 | 82 | 000 | 0 | 4 | 05 | 08 | 96 | 03 | 0 | 118 | 58 | 4 | 0 | 9 | 3 | 0 | 43 | 54 | + 3 | + 7 | 0.7 | — 0.1 | 0.4 | — | 6 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 151 | 75 | 0 | 0 | 9 | 0 | 0 | 43 | 80 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 147 | 53 | 0 | 0 | 9 | 0 | 0 | 51 | 44 | + 3 | — | 0.0 | — 0.4 | 0.0 | — | 6 |
| | Fort Abbas | — | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 151 | 64 | 0 | 0 | 9 | 0 | 0 | 54 | 75 | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 0.0 | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 56 | — | — | 0.1 | — | 0.1 | — | 8 |
| Malakand | Chakdara | — | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 148 | 69 | 0 | 0 | 9 | 0 | 0 | 46 | 72 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 148 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | 42 | — | — | — | — | — | — | — |
| Peshawar | Peshawar | — | 000 | 0 | 0 | 27 | 02 | 97 | 01 | 0 | 112 | 73 | 1 | 1 | 6 | 0 | 1 | 30 | 79 | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 159 | 45 | 0 | 0 | 9 | 0 | 2 | 48 | 46 | + 13 | + 2 | — | — | — | — | 11 |
| | Kohat | — | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | // | 69 | 0 | 0 | 9 | 0 | 0 | 38 | 73 | 000 | 0 | 0 | 36 | 03 | 98 | 00 | 0 | 205 | 51 | 0 | 0 | 9 | 0 | 0 | 34 | 46 | — | — | — | — | — | — | 9 |
| D.I. Khan | Bannu | — | 000 | 0 | 0 | 09 | 02 | 99 | 00 | 0 | 113 | 75 | 0 | 0 | 9 | 0 | 0 | 38 | 79 | 000 | 0 | 6 | 31 | 06 | 98 | 02 | 1 | 147 | 52 | 0 | 0 | 9 | 0 | 0 | 46 | 49 | — | — | 0.7 | — | 0.3 | — | 11 |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 120 | 78 | 0 | 0 | 9 | 0 | 0 | 45 | 82 | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 151 | 52 | 0 | 0 | 9 | 1 | 0 | 46 | 49 | + 10 | + 4 | — | — | — | — | 9 |
| Quetta | Sibi | — | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 109 | 84 | 0 | 0 | 9 | 0 | 0 | 52 | 86 | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 1 | 136 | 55 | 3 | 0 | 9 | 2 | 0 | 11 | 54 | — | — | 0.0 | — | 0.0 | — | 8 |
| | Nokkundi | — | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 086 | 71 | 4 | 0 | 9 | 3 | 0 | 25 | 77 | 000 | 0 | 5 | 05 | 03 | 96 | 01 | 2 | 117 | 41 | 5 | 5 | 6 | 0 | 0 | 15 | 52 | — | — | 1.7 | — | 1.7 | — | 5 |
| Kalat | Turbat | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Jiwani | — | 000 | 0 | 7 | 27 | 10 | 96 | 03 | 2 | 107 | 67 | 5 | 5 | 5 | 3 | 0 | 61 | 81 | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 118 | 67 | 0 | 0 | 2 | 0 | 0 | 61 | 62 | — | — | 8.7 | — | 7.9 | — | 8 |
| | Pasni | — | 000 | 0 | 0 | 25 | 20 | 96 | 00 | 7 | 115 | 81 | 0 | 0 | 9 | 0 | 0 | 48 | 85 | 000 | 0 | 4 | 29 | 08 | 97 | 02 | 0 | 111 | 66 | 4 | 0 | 9 | 0 | 0 | 64 | 50 | + 9 | — | 2.5 | — 1.5 | 2.5 | — | 6 |
| Karachi Division | Ormara | — | 000 | 0 | 1 | 27 | 12 | 96 | 03 | 3 | 106 | 79 | 1 | 8 | 6 | 0 | 0 | 50 | 82 | 000 | 0 | 1 | 27 | 09 | 96 | 03 | 3 | 109 | 72 | 1 | 0 | 7 | 3 | 0 | 67 | // | — | — 23 | 2.3 | — 1.2 | 2.3 | — | 6 |
| | Lasbela | — | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 096 | 80 | 0 | 0 | 8 | 0 | 0 | 50 | 91 | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 114 | 44 | 0 | 0 | 9 | 0 | 0 | 46 | 53 | — | — | 0.0 | — | 0.0 | — | 8 |
| | Karachi (Manora) | — | 000 | 0 | 0 | 27 | 03 | 97 | 03 | 0 | 098 | 78 | 0 | 0 | 9 | 0 | 0 | 63 | 91 | 000 | 0 | 4 | 00 | 00 | 98 | 03 | 0 | 177 | 67 | 0 | 0 | 9 | 0 | 4 | 59 | 64 | + 13 | + 3 | 0.3 | — 0.7 | 0.3 | — | 8 |
| | Karachi (Airport) | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 093 | 87 | 0 | 0 | 9 | 0 | 0 | 29 | 88 | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 103 | 62 | 4 | 6 | 5 | 3 | 0 | 38 | 60 | — | — | 0.3 | — | 0.3 | — | — |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 151 | 85 | 0 | 0 | 9 | 0 | 0 | 67 | 89 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 194 | 65 | 0 | 0 | 9 | 0 | 0 | 65 | 65 | — | — | 0.0 | — | 0.0 | — | 14 |
| | Chhor | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 126 | 88 | 0 | 0 | 9 | 0 | 0 | 27 | 91 | 000 | 0 | 2 | 23 | 03 | 96 | 02 | 0 | 095 | 56 | 2 | 5 | 6 | 0 | 0 | 43 | 51 | — | — | 0.0 | — | 0.0 | — | 7 |
| | Hyderabad | — | 000 | 0 | 0 | 36 | 07 | 97 | 02 | 0 | 091 | 83 | 0 | 0 | 9 | 0 | 0 | 43 | 84 | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 100 | 64 | 0 | 0 | 9 | 0 | 1 | 41 | 43 | + 3 | + 8 | 0.2 | — 0.3 | 0.2 | — | 9 |
| | Badin | — | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 081 | 86 | 0 | 0 | 9 | 0 | 0 | 56 | 80 | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 113 | 62 | 0 | 0 | 9 | 0 | 0 | 44 | 59 | + 3 | + 3 | 0.1 | — 0.6 | 0.1 | — | |
| Khairpur | Padidan | — | 000 | 0 | 0 | 31 | 08 | 97 | 03 | 0 | 093 | 81 | 0 | 0 | 9 | 0 | 0 | 40 | 82 | 002 | 9 | 4 | 31 | 02 | 97 | 02 | 0 | 102 | 66 | 4 | 0 | 9 | 7 | 0 | 45 | 50 | — | — | 0.1 | — | 0.1 | — | — |
| | Nawabshah | — | 000 | 0 | 0 | 31 | 17 | 96 | 07 | 2 | 097 | 83 | 0 | 0 | 9 | 0 | 0 | 46 | 86 | 000 | 0 | 0 | 36 | 05 | 96 | 02 | 1 | 110 | 59 | 0 | 0 | 9 | 3 | 0 | 47 | 51 | — | — | 0.0 | — | 0.0 | — | 4 |
| | Sukkur | — | 000 | 0 | 0 | 16 | 05 | 96 | 03 | 2 | 121 | 87 | 0 | 0 | 9 | 0 | 0 | 48 | 83 | 000 | 0 | 4 | 05 | 05 | 95 | 05 | 4 | 121 | 66 | 4 | 0 | 9 | 6 | 0 | 47 | 56 | — | — | 0.1 | — | 0.1 | — | — |
| | Kashmore | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | — | 000 | 0 | 0 | 36 | 02 | 97 | 03 | 0 | 105 | 81 | 0 | 0 | 9 | 0 | 0 | 44 | 82 | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 114 | 75 | 3 | 5 | 5 | 3 | 0 | 40 | 56 | + 5 | + 5 | 0.2 | — 0.5 | 0.1 | — | 20 |
| Jungadh | Veraval | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | Sonamarg | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Leh | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Miegar | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Malakand | Drosh | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peshawar | Chitral | * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 497 | 62 | 0 | 0 | 9 | 0 | 0 | 36 | 58 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 498 | 33 | 0 | 0 | 9 | 0 | 0 | 27 | 45 | + 15 | + 4 | 2.0 | — 5.8 | 1.4 | — | |
| | Kalam | * ... | 000 | 0 | 5 | 16 | 09 | 98 | 03 | 1 | 499 | 68 | 0 | 0 | 9 | 0 | 0 | 30 | 44 | 000 | 0 | 1 | 36 | 03 | 98 | 01 | 1 | 503 | 52 | 0 | 0 | 9 | 0 | 3 | 30 | 46 | — | — | 3.9 | — | 3.9 | — | 29 |
| | Landikotal | * ... | 000 | 0 | 9 | 31 | 05 | 98 | 02 | 0 | 639 | 48 | 0 | 0 | 9 | 0 | 0 | 32 | 69 | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 508 | 40 | 0 | 0 | 9 | 0 | 0 | 27 | 32 | — | — | 0.9 | — | 0.2 | — | 13 |
| | Peshawar | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| D.I. Khan | Miranshah | * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 523 | 69 | 0 | 0 | 9 | 0 | 0 | 38 | 71 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 572 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 41 | — | — | 0.0 | — 2.6 | 0.0 | — | 11 |
| | Wana | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 1 | 23 | 02 | 97 | 00 | 0 | 480 | 66 | 1 | 1 | 7 | 0 | 0 | 17 | 68 | 000 | 0 | 5 | 18 | 03 | 97 | 03 | 1 | 491 | 45 | 1 | 5 | 7 | 3 | 1 | 25 | 41 | + 9 | + 8 | 0.4 | — 1.8 | 0.4 | — | 14 |
| | Hindubagh | * ... | 000 | 0 | 0 | 10 | 05 | 98 | 02 | 0 | 111 | 51 | 0 | 0 | 9 | 0 | 0 | 21 | 60 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 111 | 38 | 0 | 0 | 9 | 0 | 0 | 21 | // | — | / / | 1.2 | — | 1.0 | — | 9 |
| | Loralai | * ... | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 470 | 55 | 0 | 0 | 9 | 0 | 0 | 45 | 69 | 000 | 0 | 6 | 27 | 04 | 98 | 01 | 0 | 475 | 40 | 0 | 1 | 9 | 0 | 6 | 35 | 45 | — | — | 0.3 | — | 0.3 | — | — |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | * ... | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 473 | 73 | 0 | 0 | 9 | 0 | 0 | 35 | 74 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 460 | 54 | 0 | 0 | 9 | 0 | 0 | 27 | 51 | — | — | 0.7 | — 2.2 | 0.7 | — | 9 |
| | Sumungli (Quetta) | * ... | 000 | 0 | 1 | 00 | 00 | 97 | 03 | 0 | 454 | 64 | 0 | 0 | 6 | 0 | 0 | 66 | 65 | 000 | 0 | 2 | 13 | 05 | 96 | 03 | 0 | 535 | 37 | 2 | 2 | 9 | 0 | 0 | 29 | 35 | — | — | 1.9 | — 3.7 | 1.3 | — | 9 |
| | Chaman | * ... | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 486 | 66 | 0 | 0 | 9 | 0 | 0 | 34 | 69 | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 546 | 55 | 0 | 0 | 9 | 0 | 0 | 32 | 45 | + 11 | + 7 | 7.7 | + 3.1 | 7.7 | — | |
| | Nushki | * ... | 000 | 0 | 0 | 31 | 03 | 97 | 03 | 0 | 539 | 71 | 0 | 0 | 9 | 0 | 0 | 40 | 71 | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 531 | 52 | 0 | 0 | 9 | 0 | 0 | 38 | 49 | — | — | 1.0 | — | 2.9 | — | 4 |
| | Dalbandin | * ... | 000 | 0 | 2 | 00 | 00 | 98 | 03 | 0 | 595 | 71 | 0 | 0 | 9 | 3 | 0 | 34 | 78 | 000 | 0 | 6 | 05 | 03 | 97 | 03 | 0 | 484 | 35 | 3 | 0 | 9 | 3 | 0 | 33 | 48 | + 11 | + 10 | 2.3 | — 0.1 | 2.2 | — | 7 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 475 | 57 | 0 | 0 | 9 | 0 | 0 | 11 | 65 | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 522 | 37 | 0 | 0 | 9 | 0 | 0 | 30 | 34 | + 11 | + 2 | 0.7 | — 2.6 | 0.9 | — | |
| | Khuzdar | * ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 469 | 69 | 0 | 0 | 9 | 0 | 0 | 30 | 72 | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 470 | 49 | 0 | 0 | 9 | 0 | 1 | 26 | 45 | — | — | 0.0 | — | 0.0 | — | 8 |
| | Panjgur | * ... | 000 | 0 | 3 | 23 | 03 | 97 | 00 | 0 | 475 | 34 | 3 | 1 | 7 | 0 | 0 | 28 | 77 | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 480 | 58 | 3 | 5 | 7 | 3 | 0 | 42 | 51 | + 12 | + 12 | 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 0300 hrs. G.M.T. of the same day.
When over 99 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 18th FEBRUARY, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RRt_Rt_{st}$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{ws}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Cannanore | 99 1 15 | 10 6 02 | 17 1 83 | 00 1 06 | 99 0 20 | 13 9 23 | 00 9 00 | 13 2 10 | | | 05 4 16 | 12 5 02 | 30 1 01 | |
| Compla | 99 2 32 | 10 6 41 | 17 0 63 | 00 4 20 | 99 0 20 | 14 9 26 | 00 9 00 | 53 8 04 | | | 08 2 15 | ... | 30 5 03 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 011 176 37 | ... | 470 090 23 | 074 021 45 | 581 025 50 | 747 261 56 | 951 375 57 | 208 375 // | | ... | ... | ... | ... |
| Dacca | 00 00 | 012 158 50 | ... | 580 134 58 | 098 006 57 | 577 109 60 | 744 245 59 | 949 357 59 | 218 553 // | 398 639 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 016 154 57 | ... | 510 090 32 | 983 025 // | 552 251 // | 712 341 // | 910 400 7/ | 180 451 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 997 100 30 | ... | 400 122 22 | 056 800 // | 567 175 // | 731 302 3/ | 935 341 // | 216 385 // | — | ... | ... | ... | ... |
| Peshawar | 00 00 | 971 094 50 | ... | 408 090 50 | 040 002 48 | 566 141 // | 732 255 // | 934 381 // | 224 543 // | — | ... | — | ... | ... |
| Quetta | | | | | | | | | | | | | | |
| Sargodha | 00 00 | 991 094 55 | ... | 530 058 58 | 051 035 59 | 547 155 // | 719 261 // | 923 365 // | 197 416 // | — | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 120 39 | 800 306 41 | 608 043 56 | | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 176 58 | 800 094 57 | 600 080 58 | 338 309 59 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta | | | | | | | | | | | | | |
| Sargodha | 00 00 | ... | ... | — | — | — | ... | — | — | ... | — | ... | — |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | | — | ... | | ... | ... | ... | — | ... |
| Bogra | 225 11 | 240 12 | 250 12 | 285 17 | 285 22 | 305 27 | ... | . | — |
| Chaklala | ... | 250 06 | 245 03 | 250 05 | 250 01 | 095 07 | 300 12 | ... | .. |
| Chhor | 285 02 | 345 02 | 310 03 | 350 07 | 225 14 | 220 22 | 225 31 | 230 38 | 230 42 |
| Chittagong | ... | ... | ... | — | ... | .. | . | ... | ... |
| Cherat | .. | .. | ... | .. | .. | ... | ... | ... | ... |
| Cox's Bazar | 270 12 | 290 10 | 295 08 | 345 05 | 290 05 | 280 09 | | . | ... |
| Dacca | 240 08 | 240 09 | 260 13 | 260 10 | 285 09 | 300 27 | 290 44 | 290 48 | 290 45 |
| Dalbandin | — | . | 230 05 | 065 01 | 015 02 | 260 02 | 280 10 | 195 02 | 210 10 |
| D. I. Khan | 155 05 | 125 04 | 140 03 | 140 03 | 210 02 | 265 12 | 270 11 | 255 12 | 240 18 |
| Drosh | ... | ... | — | 165 03 | 175 01 | 165 03 | 060 08 | 035 01 | |
| Fort Sandeman | ... | ... | ... | 250 07 | 265 06 | 185 10 | 225 09 | 265 12 | 260 10 |
| Gilgit | .. | — | ... | ... | .. | ... | .. | ... | . |
| Jahurdi | — | ... | .. | ... | .. | — | ... | — | .. |
| Jacobabad | 180 04 | 180 05 | 005 08 | 015 03 | 115 03 | 170 08 | 185 08 | 235 08 | |
| Jessore | 270 08 | 265 08 | 250 08 | 240 08 | 290 09 | 310 11 | | | .. |
| Jhelum | 140 03 | 220 03 | 280 03 | 340 05 | 070 04 | 050 07 | 225 02 | 280 23 | 275 19 |
| Jiwani | 240 12 | 295 11 | 305 09 | ... | ... | | ... | | |
| Karachi | 070 07 | 075 07 | 080 07 | 060 06 | 040 // | 105 08 | 208 // | 190 15 | 180 10 |
| Khanpur | 050 05 | 060 06 | 060 11 | 095 06 | 010 02 | 080 02 | 300 10 | 275 10 | 315 08 |
| Khuzdar | ... | — | ... | 105 03 | 120 02 | 295 02 | 230 // | 230 09 | 230 23 |
| Lahore | 305 06 | 320 09 | 325 08 | 355 06 | 335 03 | 240 02 | 340 03 | 260 04 | 270 06 |
| Multan | 090 07 | 105 09 | 100 06 | 160 02 | 075 01 | 210 09 | 250 08 | 245 16 | 240 23 |
| Nawab Shah | 355 09 | 035 10 | 070 10 | 125 09 | 195 04 | 215 04 | 115 14 | — | |
| Nokkundi | ... | — | 205 03 | 185 05 | 225 08 | 220 09 | ... | ... | ... |
| Panjgur | — | .. | .. | 215 04 | 225 05 | 200 03 | 120 09 | 225 15 | 230 14 |
| Peshawar | .. | 135 03 | 075 03 | 220 03 | 260 03 | 110 03 | 290 08 | 290 12 | 295 21 |
| Parachinar | .. | .. | .. | 090 02 | 115 05 | 240 12 | 250 04 | 275 14 | 260 09 |
| Quetta | .. | ... | ... | ... | 220 66 | 250 03 | 195 07 | 205 13 | |
| Sargodha | 215 02 | 195 03 | 185 03 | 090 03 | 015 18 | 315 15 | 290 13 | 270 17 | 210 11 |
| Skardu | .. | ... | ... | | ... | — | | ... | ... |
| Sylhet | 250 03 | 350 13 | 260 16 | 260 21 | 280 16 | 300 28 | 290 45 | — | ... |
| Veraval | ... | .. | | .. | ... | . | | .. | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 245 13 | 245 13 | 345 07 | 300 10 | 295 15 | 290 25 |
| Bogra | 345 01 | 340 04 | 285 06 | 270 15 | 280 24 | 310 39 |
| Chaklala | ... | 090 03 | 290 03 | 340 02 | 090 03 | 090 04 |
| Chhor | 190 18 | 180 15 | 095 13 | 305 07 | 020 06 | 315 17 |
| Chittagong | — | .. | ... | — | ... | — |
| Cherat | ... | ... | .. | ... | ... | ... |
| Cox's Bazar | 310 02 | 290 03 | 230 03 | 090 02 | 170 03 | 320 07 |
| Dacca | 300 19 | 260 19 | 235 18 | .. | 260 21 | ... |
| Dalbandin | ... | ... | 040 08 | 030 04 | 040 08 | 135 09 |
| D. I. Khan | 285 05 | 265 02 | 260 02 | 240 05 | 230 07 | 200 31 |
| Drosh | . | ... | .. | 095 01 | 035 05 | 020 07 |
| Fort Sandeman | ... | . | .. | 070 09 | 075 04 | 190 05 |
| Gilgit | ... | .. | | 285 10 | 270 06 | 275 20 |
| Jahurdi | 265 13 | 270 13 | 255 09 | 250 12 | 250 14 | — |
| Jacobabad | 105 19 | 101517 | 215 14 | 100 18 | 105 13 | ... |
| Jessore | 240 20 | 235 17 | 230 15 | 245 12 | 260 11 | .. |
| Jhelum | 340 04 | 340 04 | 340 03 | 080 04 | 145 06 | |
| Jiwani | 270 21 | 270 16 | 295 18 | 295 31 | ... | ... |
| Karachi | | ... | | — | .. | |
| Khanpur | 045 14 | 050 58 | 055 10 | 065 04 | 110 04 | 305 05 |
| Khuzdar | | | ... | 135 04 | 160 08 | 205 09 |
| Lahore | 010 05 | 010 04 | 005 04 | 360 05 | 350 03 | 345 07 |
| Multan | 115 19 | 080 08 | 085 11 | 160 05 | 205 06 | 225 07 |
| Nawab Shah | 010 39 | 015 04 | 010 36 | 240 08 | 280 06 | 170 08 |
| Nokkundi | ... | .. | 290 04 | 305 03 | 300 13 | |
| Panjgur | .. | | .. | 250 17 | 260 22 | 270 16 |
| Peshawar | .. | 245 02 | 335 01 | 355 02 | 055 04 | 055 02 |
| Parachinar | .. | ... | .. | 315 02 | 080 05 | ... |
| Quetta | ... | .. | | 245 06 | 230 07 | |
| Sargodha | 250 04 | 320 04 | 030 04 | 035 08 | 315 10 | 295 13 |
| Skardu | | . | | 255 02 | /// // | |
| Sylhet | 140 04 | 180 02 | 215 07 | 250 13 | 270 25 | 285 37 |
| Veraval | | | | . | | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 340 24 | 265 05 | 205 06 | 230 11 | 275 15 | 290 27 | ... | ... | .. | ... | ... |
| Bogra | 095 02 | 025 02 | 025 01 | 235 08 | | ... | — | ... | ... | .. | . |
| Chaklala | .. | 035 03 | 250 03 | 010 03 | /// // | 140 09 | 170 09 | .. | .. | ... | ... |
| Chhor | 280 05 | 245 06 | 225 03 | 340 04 | 005 04 | 090 01 | 205 28 | 225 24 | 220 23 | | ... |
| Chittagong | 110 12 | 320 09 | 190 02 | 205 06 | 225 06 | 230 05 | 250 13 | 260 17 | 265 16 | 270 26 | ... |
| Cherat | ... | — | | ... | | ... | ... | .. | ... | ... | — |
| Cox's Bazar | 040 04 | 050 02 | 145 04 | 200 07 | 235 06 | 030 07 | .. | ... | | | |
| Dacca | 055 09 | 260 11 | 270 13 | 240 12 | 265 20 | 295 29 | 275 20 | 280 31 | 280 43 | 270 51 | 170 60 |
| Dalbandin | ... | | 080 05 | 360 63 | 305 01 | 120 06 | 180 12 | ... | | ... | ... |
| D. I. Khan | 230 05 | 235 04 | 235 03 | 100 02 | 135 03 | 265 06 | 225 02 | 255 02 | 170 09 | 185 09 | ... |
| Drosh | ... | ... | ... | 025 04 | 060 06 | 015 08 | 150 08 | .. | — | ... | ... |
| Fort Sandeman | ... | ... | .. | 045 05 | 090 10 | 245 20 | 275 22 | 295 25 | ... | ... | .. |
| Gilgit | | . | ... | ... | ... | — | ... | ... | ... | ... | .. |
| Jahurdi | 305 02 | 035 03 | 315 03 | 250 18 | 240 19 | — | ... | ... | ... | ... | . |
| Jacobabad | 335 07 | 015 09 | 350 07 | 025 06 | ... | ... | ... | ... | ... | ... | . |
| Jessore | 240 10 | 235 14 | 230 16 | 240 15 | 255 17 | 300 24 | 315 36 | ... | ... | ... | ... |
| Jhelum | 150 01 | 075 05 | 075 09 | 065 04 | 145 05 | 135 07 | 170 07 | 210 07 | 210 10 | 225 11 | ... |
| Jiwani | 285 14 | 285 17 | 285 16 | 300 17 | 285 17 | 255 15 | 280 14 | 300 20 | 325 21 | 330 49 | ... |
| Karachi | 035 06 | 035 07 | 335 02 | 305 04 | 215 03 | 305 07 | 320 07 | 300 09 | — | | ... |
| Khanpur | 030 12 | 050 11 | 100 12 | 100 11 | 070 10 | 055 19 | .. | ... | ... | | ... |
| Khuzdar | .. | . | — | — | | ... | ... | ... | ... | | — |
| Lahore | 035 04 | 045 04 | 055 05 | 060 05 | 215 10 | 290 15 | 240 23 | 215 18 | 190 13 | 145 16 | 200 32 |
| Multan | 080 19 | 060 15 | 060 24 | 060 53 | 040 35 | 045 12 | 060 13 | 045 15 | | ... | |
| Nawab Shah | 015 20 | 005 20 | 005 25 | 360 18 | 300 08 | 150 06 | 215 11 | 215 13 | 225 17 | 245 19 | 235 45 |
| Nokkundi | ... | — | 095 06 | 095 07 | 145 06 | 280 07 | ... | ... | ... | ... | ... |
| Panjgur | | | . | 060 12 | 065 04 | 175 04 | 250 03 | .. | | — | ... |
| Peshawar | ... | 035 01 | 005 01 | 355 02 | 095 03 | 080 09 | 320 13 | 250 11 | 275 20 | ... | ... |
| Parachinar | ... | ... | — | ... | ... | ... | | ... | | — | |
| Quetta | | ... | | /// // | 245 07 | 275 10 | 310 23 | 315 53 | 325 53 | ... | ... |
| Sargodha | 070 03 | 045 03 | 045 05 | 040 07 | 350 10 | 305 15 | ... | ... | ... | ... | .. |
| Skardu | | ... | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Sylhet | 120 02 | 165 06 | 305 03 | 260 15 | 265 25 | 280 30 | 285 44 | — | ... | ... | ... |
| Veraval | — | ... | ... | ... | ... | — | ... | ... | .. | ... | .. |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 310 23 | 335 11 | 360 12 | 005 13 | 195 05 | 220 04 | 260 09 | 250 16 | 250 21 | 240 27 | 235 51 | 235 79 | ... | — | ... | ... | — | ... |
| Multan | 115 19 | 090 08 | 085 11 | 100 05 | 205 06 | 225 07 | 200 10 | 285 16 | 208 15 | 230 22 | 240 60 | 240 83 | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

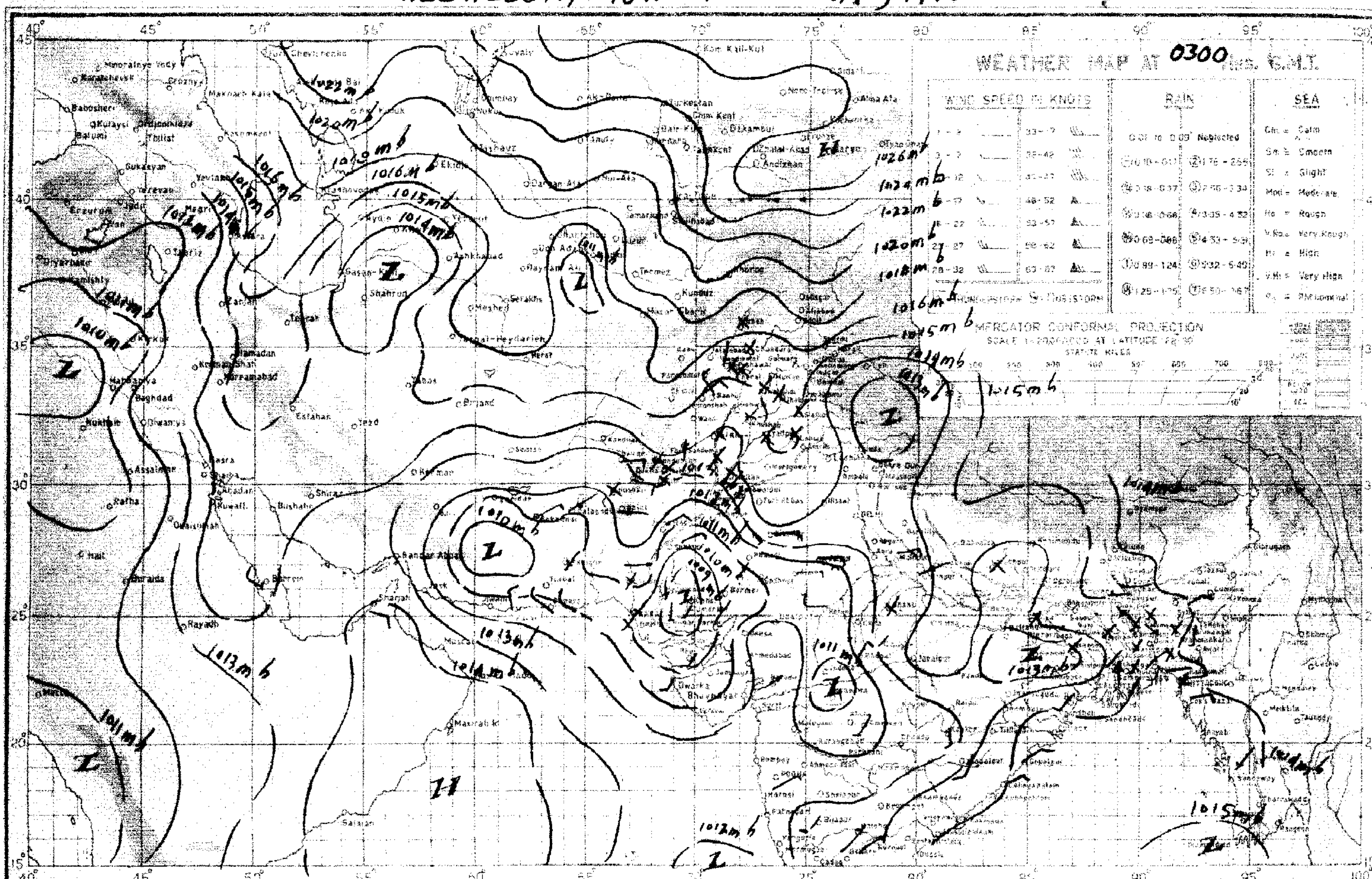
† The actual time of observations may vary within half an hour of the specified time.

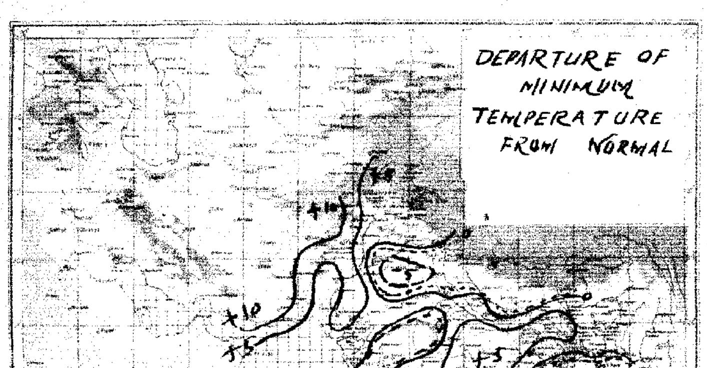
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

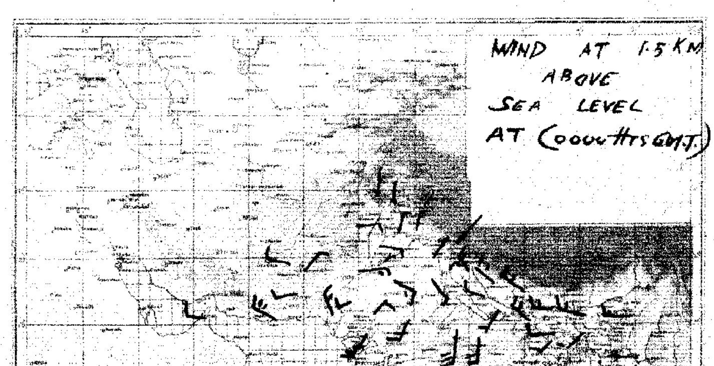
The accuracy of individual entries in this report cannot one be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—1.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18TH FEBRUARY, 1970



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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**THURSDAY THE 19th FEBRUARY 1970.**

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

Yesterday's well marked low pressure area over Saurashtra now lies over Rajasthan.
The feeble western disturbance over east Iran has moved to Kalat and Quetta divisions.
A fresh western disturbance is moving across Russian Turkistan. It has induced a secondary over central Iran.
Weather remained dry over west Pakistan.
The trough of low pressure over west Bengal and neighbourhood persists. It has caused thunderstorm or light showers of a few places in Chittagong, Dacca, Rajshahi divisions.
Night temperatures were 9—13 °F (5—7 °C) above normal in East Pakistan outside Khulna division and in Quetta division and 5—8 °F (2—4 °C) so in Khulna, Lahore, Rawalpindi, Sargodha, Peshawar, D. I. Khan and Hyderabad divisions and nearly normal elsewhere in west Pakistan.
**Forecast valid until the evening of 20th February 1970 :**—Local rain/thundershowers with squelly winds are likely to occur in Khulna, Rajshahi divisions and scattered elsewhere in East Pakistan and in Quetta, Kalat, Peshawar, Malakand and Rawalpindi disvision and Kashmir. Weather is likely to remain dry elsewhere over west Pakistan.

Karachi-11
The 19th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 3 | 23 | 02 | 95 | 04 | 0 | 123 | 82 | 3 | 1 | 7 | 0 | 0 | 59 | 90 |
| | Cox's Bazar | 000 | 0 | 3 | 27 | 08 | // | 02 | 0 | 121 | 77 | 3 | 0 | 9 | 2 | 1 | 62 | 85 |
| | Chittagong | 000 | 0 | 7 | 27 | 02 | 96 | 02 | 0 | 122 | 76 | 0 | 0 | 9 | 0 | 2 | 65 | 86 |
| | Maijdee Court | 000 | 0 | 8 | 20 | 00 | 96 | 03 | 0 | 096 | 78 | 0 | 0 | 9 | 2 | 0 | 62 | 86 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 115 | 82 | 0 | 0 | 9 | 0 | 0 | 50 | 90 |
| | Brahmanbaria | 000 | 0 | 6 | 18 | 02 | 96 | 03 | 1 | 109 | 80 | 0 | 0 | 9 | 0 | 7 | 45 | 86 |
| | Sylhet | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 109 | 76 | 3 | 4 | 5 | 0 | 1 | 62 | 83 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 5 | 00 | 08 | // | 02 | 1 | 112 | 80 | 0 | 0 | 9 | 0 | 0 | 60 | 85 |
| | Narayanganj | 000 | 0 | 4 | 13 | 02 | // | 02 | 2 | 109 | 80 | 1 | 3 | 6 | 0 | 0 | 66 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 20 | 05 | 96 | 03 | 2 | 106 | 70 | 1 | 2 | 6 | 0 | 1 | 60 | 85 |
| | Faridpur | 000 | 0 | 2 | 00 | 00 | 95 | 01 | 0 | 123 | 80 | 2 | 4 | 6 | 0 | 0 | 70 | 88 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 115 | 80 | 0 | 0 | 9 | 0 | 0 | 60 | 88 |
| | Khulna | 000 | 0 | 3 | 13 | 03 | 97 | 02 | 0 | 118 | 85 | 2 | 0 | 9 | 5 | 0 | 85 | 91 |
| | Satkhira | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 2 | 108 | 82 | 4 | 4 | 9 | 2 | 0 | 62 | 90 |
| | Jessore | 000 | 0 | 6 | 22 | 05 | 97 | 02 | 2 | 102 | 78 | 0 | 0 | 9 | 0 | 8 | // | 91 |
| Rajshahi | Pabna | 000 | 0 | 2 | 00 | 00 | 95 | 00 | 0 | 109 | 80 | 2 | 0 | 9 | 4 | 0 | 65 | 88 |
| | Siraiganj | 080 | 0 | 4 | 00 | 00 | // | 02 | 0 | 104 | 82 | 4 | 0 | 9 | 3 | 0 | 78 | 85 |
| | Rajshahi | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 1 | 107 | 85 | 0 | 0 | 9 | 0 | 0 | 62 | 88 |
| | Bogra | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 105 | 78 | 0 | 0 | 9 | 0 | 1 | 60 | 87 |
| | Dinajpur | 008 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 099 | 80 | 0 | 0 | 9 | 0 | 0 | 59 | 89 |
| | Rangpur | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 2 | 110 | 66 | 5 | 0 | 9 | 1 | 0 | 40 | 85 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 7 | 13 | 03 | 96 | 02 | 0 | 097 | 74 | 6 | 0 | 9 | 7 | 1 | 35 | 78 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 1 | 091 | 80 | 0 | 0 | 9 | 0 | 1 | 28 | 82 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 5 | 27 | 02 | 99 | 02 | 2 | 102 | 72 | 0 | 0 | 9 | 0 | 6 | 40 | 77 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 146 | 78 | 0 | 0 | 9 | 0 | 0 | 33 | 80 |
| | Sargodha | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 1 | 098 | 77 | 0 | 0 | 9 | 0 | 1 | 44 | 78 |
| | Lyallpur | 000 | 0 | 4 | 29 | 02 | 96 | 02 | 0 | 093 | 72 | 0 | 0 | 9 | 0 | 4 | 50 | 78 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 3 | 05 | 05 | 97 | 03 | 0 | 105 | 76 | 3 | 0 | 9 | 3 | 0 | 42 | 76 |
| | Leiah | 000 | 9 | 0 | 00 | 10 | 96 | 00 | 0 | 176 | 69 | 0 | 0 | 9 | 0 | 0 | 37 | 70 |
| Bahawalpur | Khanpur | 000 | 0 | 7 | 05 | 12 | 95 | 07 | 2 | 077 | 76 | 3 | 5 | 6 | 3 | 0 | 39 | 78 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 94 | 20 | 0 | 104 | 76 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Fort Abbas | 000 | 0 | 8 | 23 | 02 | 98 | 00 | 1 | 151 | 66 | 0 | 0 | 9 | 0 | 0 | 66 | 76 |
| Malakand | Chakdra | 000 | 0 | 2 | 23 | 02 | 98 | 01 | 0 | 187 | 70 | 0 | 0 | 9 | 0 | 8 | 51 | 74 |
| Peshawar | Peshawar | 000 | 0 | 7 | 20 | 02 | 97 | 02 | 2 | 103 | 74 | 0 | 0 | 9 | 0 | 2 | 44 | 74 |
| | Haripur | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 131 | 70 | 0 | 0 | 9 | 0 | 0 | 40 | 76 |
| D. I. Khan | Bannu | 000 | 0 | 6 | 20 | 02 | 99 | 02 | 2 | 101 | 77 | 6 | 0 | 9 | 6 | 0 | 51 | 77 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 180 | 78 | 0 | 0 | 9 | 0 | 0 | 42 | 80 |
| Quetta | Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 1 | 092 | 76 | 2 | 0 | 9 | 2 | 0 | 52 | 89 |
| | Nokkundi | 000 | 0 | 0 | 05 | 07 | 96 | 02 | 2 | 083 | 73 | 4 | 6 | 5 | 0 | 0 | 40 | 73 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 098 | 78 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Pasni | 000 | 0 | 0 | 25 | 02 | 97 | 02 | 0 | 109 | 81 | 0 | 0 | 9 | 0 | 0 | 67 | 84 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 12 | 96 | 02 | 2 | 105 | 76 | 1 | 8 | 6 | 0 | 0 | 65 | 81 |
| | Lasbela | 000 | 0 | 5 | 18 | 03 | 98 | 00 | 0 | 084 | 86 | 0 | 0 | 8 | 0 | 0 | 50 | 90 |
| | Karachi (Manora) | 000 | 0 | 3 | 27 | 05 | 97 | 03 | 0 | 098 | 76 | 0 | 0 | 9 | 0 | 4 | 68 | 82 |
| | Karachi (Airport) | 000 | 0 | 4 | 25 | 10 | 96 | 03 | 0 | 079 | 82 | 2 | 6 | 5 | 3 | 0 | 41 | 87 |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chhor | 000 | 0 | 2 | 31 | 05 | 96 | 03 | 0 | 159 | 84 | 2 | 0 | 9 | 3 | 0 | 48 | 86 |
| | Hyderabad | 000 | 0 | 3 | 31 | 10 | 95 | 06 | 0 | 075 | 83 | 2 | 0 | 9 | 2 | 0 | 40 | 84 |
| | Badin | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 084 | 86 | 0 | 0 | 9 | 0 | 0 | 56 | 88 |
| Khairpur | Padidan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Nawabshah | 000 | 0 | 0 | 31 | 16 | 94 | 06 | 0 | 079 | 81 | 2 | 0 | 9 | 2 | 0 | 51 | 84 |
| | Sukkur | 000 | 0 | 4 | 11 | 02 | 95 | 05 | 0 | 079 | 82 | 4 | 0 | 9 | 6 | 0 | 45 | 83 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 6 | 36 | 05 | 97 | 02 | 2 | 079 | 81 | 4 | 0 | 9 | 1 | 2 | 39 | 83 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ✱ | | | | | | | | | | | | | | | | | |
| | Gulmarg ✱✱ | | | | | | | | | | | | | | | | | |
| | Sonamarg ✱✱ | | | | | | | | | | | | | | | | | |
| | Dras ✱✱ | | | | | | | | | | | | | | | | | |
| | Leh ✱✱ | | | | | | | | | | | | | | | | | |
| | Skardu ✱ | | | | | | | | | | | | | | | | | |
| | Misgar ✱✱ | | | | | | | | | | | | | | | | | |
| | Aliabad ✱ | | | | | | | | | | | | | | | | | |
| | Gilgit ✱ | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree ✱ | | | | | | | | | | | | | | | | | |
| Malakand | Drosh ✱ | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat ✱ | | | | | | | | | | | | | | | | | |
| | Kakul ✱ | 000 | 0 | 6 | 36 | 03 | 97 | 03 | 1 | 487 | 62 | 0 | 0 | 9 | 0 | 7 | 78 | 65 |
| | Landikotal ✱ | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 637 | 66 | 0 | 0 | 9 | 0 | 0 | 40 | 70 |
| | Parachinar ✱ | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah ✱ | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 54? | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 72 |
| | Wana ✱ | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman ✱ | 080 | 0 | 0 | 51 | 05 | 97 | 03 | 1 | 467 | 63 | 5 | 4 | 7 | 0 | 0 | 23 | 65 |
| | Hindubagh ✱ | 000 | 0 | 7 | 13 | 24 | 95 | 07 | 0 | /// | 55 | 7 | 7 | 8 | 0 | 0 | 25 | 65 |
| | Loralai ✱ | 000 | 0 | 6 | 18 | 04 | 96 | 01 | 0 | 480 | 58 | 6 | 0 | 9 | 0 | 6 | 35 | 59 |
| | Barkhan ✱ | | | | | | | | | | | | | | | | | |
| | Harnai ✱ | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 463 | 72 | 0 | 0 | 9 | 0 | 0 | 35 | 74 |
| | Samungli (Quetta) ✱ | 000 | 0 | 7 | 27 | 10 | 96 | 02 | 1 | 469 | 57 | 7 | 4 | 6 | 0 | 0 | 34 | 44 |
| | Chaman ✱ | 000 | 0 | 8 | 27 | 03 | 97 | 02 | 0 | 471 | 66 | 0 | 0 | 9 | 0 | 0 | 40 | 65 |
| | Nushki ✱ | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 535 | 66 | 0 | 0 | 9 | 0 | 0 | 34 | 73 |
| | Dalbandin ✱ | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 1 | 485 | 70 | 4 | 0 | 9 | 3 | 0 | 41 | 73 |
| Kalat | Kalat ✱ | 000 | 0 | 0 | 12 | 02 | 97 | 00 | 2 | 467 | 58 | 0 | 0 | 9 | 8 | 0 | // | 67 |
| | Khuzdar ✱ | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur ✱ | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 0 | 474 | 76 | 4 | 7 | 3 | 0 | 0 | 39 | 75 |

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 6 | 5 | 23 | 02 | 97 | 40 | 1 | 163 | 73 | 2 | 4 | 6 | 8 | 4 | 68 | 66 | — | — | 1.8 | — | 0.3 | - |
| | Cox's Bazar | 000 | 0 | 6 | 09 | 85 | 96 | 05 | 0 | 147 | 72 | 6 | 0 | 9 | 4 | 2 | 63 | 64 | + 2 | + 4 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 152 | 70 | 0 | 0 | 9 | 0 | 2 | 63 | 63 | + 3 | + 4 | — | — | — | 108 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 96 | 51 | 2 | 161 | 74 | 0 | 0 | 9 | 2 | 0 | 72 | 72 | + 5 | + 9 | 1.0 | — 1.5 | 0.7 | 115 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 78 |
| | Sylhet | 000 | 0 | 5 | 05 | 05 | 96 | 03 | 2 | 144 | 72 | 3 | 5 | 5 | 2 | 1 | 63 | 64 | — | — | — | — | — | — |
| | Srimangal | 000 | 0 | 7 | 00 | 00 | // | 98 | 0 | 154 | 54 | 4 | 9 | 4 | 3 | 2 | 54 | // | — | — | 3.0 | — | 1.5 | 98 |
| Dacca | Mymensingh | 000 | 0 | 6 | 00 | 00 | 97 | 82 | 1 | 158 | 72 | 6 | 5 | 5 | 0 | 0 | 64 | 61 | + 6 | + 4 | 1.2 | — 0.6 | 0.9 | 91 |
| | Narayanganj | 000 | 0 | 3 | 23 | 02 | 97 | 01 | 1 | 150 | 79 | 3 | 6 | 6 | 0 | 0 | 72 | 72 | 0 | + 13 | 2.5 | + 0.3 | 1.1 | 74 |
| | Dacca (Tejgaon) | 080 | 0 | 7 | 00 | 00 | 96 | 04 | 5 | 143 | 72 | 6 | 5 | 6 | 1 | 0 | 60 | 68 | — | — | 1.9 | — | 0.7 | — |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 93 | 93 | 0 | 149 | 70 | 0 | 0 | 9 | 0 | 0 | 70 | 67 | + 8 | + 11 | 2.4 | — 0.1 | 0.7 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 93 | 44 | 4 | 144 | 72 | 0 | 0 | 9 | 0 | 0 | 72 | 68 | + 6 | + 8 | 1.0 | — 1.7 | 0.1 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 148 | 81 | 0 | 0 | 9 | 0 | 0 | 74 | 67 | + 7 | + 8 | 1.5 | — 0.9 | 0.1 | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 149 | 74 | 0 | 0 | 9 | 0 | 0 | 72 | 64 | + 5 | + 5 | 0.2 | — 1.8 | 0.0 | 48 |
| | Jessore | 060 | 0 | 3 | 18 | 07 | 96 | 05 | 4 | 138 | 72 | 2 | 6 | 3 | 0 | 2 | 77 | 64 | | — | | — | — | 65 |
| Rajshahi | Pabna | 000 | 5 | 8 | 23 | 02 | 96 | 00 | 6 | 142 | 72 | 8 | 0 | 9 | 9 | / | 68 | 67 | — | — | 2.9 | — | 1.9 | 59 |
| | Siraiganj | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 7 | 146 | 72 | 8 | 0 | 7 | : | 0 | 61 | 64 | + 5 | + 10 | 1.9 | + 0.2 | 1.5 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 146 | 74 | 0 | 0 | 9 | 0 | 0 | 58 | 68 | + 8 | + 13 | 4.1 | + 2.5 | 1.2 | — |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 6 | | | | | 69 |
| | Dinajpur | 000 | 0 | 5 | 05 | 02 | 96 | 00 | 2 | 141 | 72 | 5 | 0 | 9 | 4 | / | 72 | 63 | + 8 | + 10 | 1.6 | + 0.9 | 0.8 | 72 |
| | Rangpur | 002 | 1 | 7 | 05 | 02 | 96 | 21 | 2 | 152 | 61 | 4 | 5 | 6 | 2 | 0 | 56 | 54 | + 6 | + 1 | 2.3 | + 0.9 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 131 | 56 | 3 | 5 | 6 | 7 | / | 52 | 50 | + 5 | + 6 | 0.8 | — 1.5 | 0.8 | 19 |
| | Sialkot | 008 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 110 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 36 | | — 10 | 1.6 | — 2.5 | 1.6 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 4 | 00 | 00 | 94 | 05 | 0 | 145 | 54 | 0 | 0 | 9 | 0 | 2 | 45 | 48 | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 149 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 46 | + 12 | + 5 | 2.9 | — 2.7 | 2.7 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 134 | 52 | 0 | 0 | 9 | 0 | 0 | 48 | 51 | + 10 | + 4 | 0.3 | — 1.7 | 0.3 | 15 |
| | Sargodha | 000 | 0 | 4 | 00 | 00 | 95 | 04 | 1 | 138 | 50 | 0 | 0 | 9 | 0 | 1 | 46 | 46 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 0 | 131 | 58 | 4 | 0 | 9 | 4 | 0 | 46 | 46 | + 6 | + 2 | 0.4 | — 0.7 | 0.4 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | + 3 | | | | | 10 |
| | Multan | 000 | 0 | 0 | 08 | 00 | 95 | 10 | 0 | 138 | 50 | 0 | 0 | 9 | 0 | 0 | 42 | 45 | — | — 2 | 0.1 | — 0.9 | 0.1 | 7 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 08 | 96 | 05 | 0 | 132 | 52 | 0 | 0 | 9 | 0 | 0 | 46 | 46 | — 1 | — 1 | 0.7 | — 0.2 | 0.4 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 143 | // | 0 | 0 | 9 | 0 | 0 | 46 | 42 | + 3 | — | 1.0 | — 0.6 | 0.0 | 6 |
| | Fort Abbas | ... | ... | ... | ... | 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 157 | 46 | 0 | 0 | 9 | 0 | 0 | 37 | 40 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | 000 | 0 | 1 | 00 | 00 | 96 | 04 | 0 | 154 | 46 | 0 | 0 | 9 | 0 | 1 | 41 | 45 | + 8 | + 1 | 1.6 | — 1.9 | 1.0 | 11 |
| | Haripur | 000 | 0 | 0 | 02 | 03 | 98 | 00 | 0 | 190 | 52 | 0 | 0 | 9 | 0 | 0 | 32 | 46 | — | — | 2.9 | — | 1.9 | — |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 143 | 50 | 0 | 0 | 9 | 0 | 0 | 42 | 48 | — 8 | + 3 | 1.1 | — 0.2 | 1.1 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 140 | 54 | 0 | 0 | 9 | 0 | 0 | 48 | 55 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 128 | 58 | 0 | 0 | 9 | 0 | 0 | 42 | 56 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 080 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 160 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 62 | | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 132 | 67 | 0 | 0 | 9 | 0 | 0 | 56 | 43 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 129 | 68 | 0 | 0 | 0 | 0 | 0 | 59 | 50 | + 8 | — 5 | 2.5 | — 1.5 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 132 | 66 | 0 | 0 | 9 | 0 | 0 | 64 | // | — | — | 2.3 | — 1.2 | 2.3 | 6 |
| | Lasbela | /// | 0 | 3 | 00 | 00 | 98 | 00 | 0 | /// | 58 | 0 | 0 | 8 | 0 | 0 | 43 | 53 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 136 | 69 | 0 | 0 | 9 | 0 | 0 | 66 | 62 | + 4 | + 1 | 0.3 | — 0.8 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 135 | 63 | 0 | 0 | 9 | 0 | 0 | 57 | 60 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 194 | 65 | 0 | 0 | 0 | 0 | 0 | 65 | 65 | | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 94 | 05 | 4 | 125 | 67 | 0 | 0 | 9 | 0 | 0 | 48 | 57 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 140 | 61 | 0 | 0 | 9 | 0 | 0 | 45 | 60 | + 3 | + 5 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 4 | 23 | 02 | 97 | 03 | 0 | 132 | 62 | 0 | 0 | 9 | 0 | 4 | 51 | 59 | + 3 | + 3 | 0.1 | — 0.6 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 132 | 54 | 0 | 0 | 9 | 0 | 0 | 48 | 50 | | — | 0.1 | — | 0.1 | — |
| | Nawabshah | 00? | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 143 | 55 | 0 | 0 | 9 | 0 | 0 | 40 | 53 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 2 | 0 | 05 | 02 | 94 | 05 | 4 | 140 | 55 | 0 | 0 | 9 | 0 | 0 | 49 | 54 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 137 | 55 | 0 | 0 | 9 | 0 | 0 | 45 | 53 | + 6 | + 2 | 0.2 | — 0.5 | 0.1 | 4 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ✱ | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Gulmarg ✱✱ | | | | | | | | | | | | | | | | | | | | | | | — |
| | Sonamarg ✱✱ | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Dras ✱✱ | | | | | | | | | | | | | | | | | | | | | | | 24 |
| | Leh ✱✱ | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Skardu ✱ | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Misgar ✱✱ | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad ✱ | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gilgit ✱ | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Rawalpindi | Murree ✱ | | | | | | | | | | | | | | | | | | | | | | | 89 |
| Malakand | Drosh ✱ | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 1 | 517 | 42 | 3 | 2 | 7 | 3 | 0 | 22 | 41 | | + 7 | 1.6 | — | 1.0 | 18 |
| Peshawar | Cherat ✱ | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 500 | 51 | 0 | 0 | 9 | 0 | 0 | 27 | 46 | | + 5 | 2.0 | — 5.1 | 1.4 | 29 |
| | Kakul ✱ | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 494 | 50 | 0 | 8 | 9 | 0 | 0 | 27 | 46 | | — | 5.4 | — | 4.4 | — |
| | Landikotal ✱ | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 608 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 32 | — | — | 8.9 | — | 0.2 | 39 |
| | Parachinar ✱ | 000 | 0 | 0 | 27 | 02 | 99 | 00 | 0 | 538 | // | 0 | 0 | 9 | 0 | 0 | 33 | // | — | — | 2.2 | — | 1.6 | 18 |
| D.I. Khan | Miranshah ✱ | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 514 | 43 | 0 | 0 | 9 | 0 | 0 | 36 | 40 | — | — | 0.0 | — 2.7 | 0.0 | 11 |
| | Wana ✱ | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Quetta | Fort Sandeman ✱ | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 490 | 41 | 0 | 0 | 9 | 0 | 0 | 07 | 40 | + 6 | + 7 | 0.6 | — 1.7 | 0.6 | — |
| | Hindubagh ✱ | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | /// | 35 | 0 | 0 | 9 | 0 | 0 | 20 | // | — | — | 1.2 | — | 1.0 | 9 |
| | Loralai ✱ | 008 | 0 | 0 | 00 | 00 | 97 | 09 | 0 | 470 | 44 | 0 | 0 | 9 | 0 | 0 | 28 | 42 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan ✱ | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai ✱ | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 469 | 52 | 0 | 0 | 9 | 0 | 0 | 34 | 49 | — | — | 0.7 | — 2.2 | 0.7 | 9 |
| | Samungli (Quetta) ✱ | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 509 | 35 | 0 | 0 | 9 | 0 | 0 | 27 | 31 | — | — | 1.9 | — 2.7 | 1.2 | 9 |
| | Chaman ✱ | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 524 | 53 | 0 | 0 | 9 | 0 | 0 | 35 | 48 | + 7 | + 10 | 7.7 | + 3.1 | 7.7 | — |
| | Nushki ✱ | 000 | 0 | 0 | 09 | 04 | 97 | 02 | 0 | 554 | 57 | 0 | 0 | 9 | 0 | 0 | 29 | 53 | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin ✱ | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 494 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 46 | + 4 | + 8 | 2.3 | — 0.1 | 2.2 | 7 |
| Kalat | Kalat ✱ | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 493 | 40 | 0 | 0 | 9 | 0 | 0 | 28 | 32 | + 13 | 0 | 0.9 | — 2.6 | 0.9 | — |
| | Khuzdar ✱ | 008 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 484 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | // | — | — | 1.0 | — | 0.7 | 8 |
| | Panjgur ✱ | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 12 | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 19th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_at_a$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ d | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| Somdala | 99 2 31 | 10 0 00 | 18 1 03 | 82 8 15 | 98 0 10 | 11 5 28 | 00 9 00 | 23 7 12 | | | 05 2 60 | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels: hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | | | | | | | | | | | | | | |
| Dacca | 00 00 | 011 220 19 | ... | 403 134 56 | 096 018 43 | 575 109 59 | 743 229 59 | 948 369 58 | 261 561 // | 390 73/ // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 008 190 56 | ... | 500 110 59 | 056 010 58 | 568 141 // | 736 211 // | 943 311 // | ... | — | ... | ... | — | ... |
| Multan | | | | | | | | | | | | | | |
| Peshawar | 00 00 | 971 072 39 | ... | 408 004 46 | 041 045 50 | 560 181 // | 732 295 // | 220 451 // | 184 550 0/ | — | ... | — | ... | — |
| Quetta | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_d$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | | | | | | | | | | | | | |
| Dacca | 00 00 | 900 176 58 | 808 080 50 | 600 051 85 | 188 400 57 | ... | ... | ... | ... | ... | ... | — | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | | | | | | | | | | | | | |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 165 10 | 165 09 | 170 08 | 240 12 | 290 22 | 310 28 | 295 24 | ... | ... |
| Bogra | 260 05 | 265 09 | 265 09 | 250 10 | 250 19 | 285 32 | 290 29 | /// // | 290 32 |
| Chaklala | | 245 04 | 225 03 | 140 05 | 100 11 | 095 11 | 245 09 | /// // | 240 05 |
| Chhor | 285 09 | 305 07 | 300 10 | 310 14 | 325 08 | 350 03 | 280 01 | 305 05 | 310 10 |
| Chittagong | 245 09 | 180 02 | 130 04 | 310 27 | 285 13 | ... | ... | ... | ... |
| Cherat | ... | ... | ... | | | ... | ... | ... | ... |
| Cox's Bazar | 275 10 | 270 08 | 235 05 | 130 02 | 035 04 | 350 07 | | ... | ... |
| Dacca | 195 04 | 215 05 | 210 10 | 200 13 | 230 09 | 265 12 | 275 24 | | ... |
| Dalbandin | | | 155 03 | 190 05 | 190 05 | 155 04 | 305 10 | ... | |
| D. I. Khan | 120 01 | 085 03 | 090 03 | 085 01 | 030 08 | 355 06 | 350 09 | 320 03 | 320 03 |
| Drosh | ... | ... | ... | 105 03 | 125 02 | 355 01 | 125 04 | ... | ... |
| Fort Sandeman | ... | ... | ... | 025 06 | 055 06 | 105 11 | ... | ... | ... |
| Gilgit | ... | ... | | ... | | ... | | ... | ... |
| Ishurdi | 020 02 | 040 02 | 005 01 | 315 02 | 325 08 | 300 27 | 260 51 | ... | ... |
| Jacobabad | 345 10 | 340 10 | 335 11 | 020 12 | 050 15 | 095 11 | 135 10 | | |
| Jessore | 200 13 | 210 12 | 235 11 | 3 5 25 | 295 12 | | | ... | ... |
| Jhelum | 215 01 | 215 01 | 290 02 | 105 10 | 110 01 | 090 30 | 150 09 | 210 09 | 260 06 |
| Jiwani | 245 11 | 265 10 | 275 11 | 310 13 | 315 15 | 345 12 | 330 20 | 335 42 | 335 47 |
| Karachi | ... | | | ... | ... | ... | ... | ... | ... |
| Khanpur | 035 10 | 045 12 | 055 23 | 055 19 | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 175 05 | 170 09 | 170 07 | 200 02 | 280 03 | 175 02 | 160 13 | ... | ... |
| Multan | 080 19 | 060 15 | 060 24 | 060 33 | 060 35 | 045 12 | 050 27 | ... | ... |
| Nawab Shah | 340 31 | 345 33 | 355 32 | 010 21 | ... | ... | ... | ... | |
| Nokkundi | ... | ... | 360 05 | 050 04 | 110 03 | 045 05 | ... | ... | ... |
| Panjgur | ... | | | 310 03 | 005 03 | 090 02 | 315 07 | | ... |
| Peshawar | ... | 300 02 | 005 03 | 355 05 | 360 09 | 025 07 | 360 08 | 240 04 | 205 07 |
| Parachinar | ... | ... | ... | ... | ... | | ... | ... | ... |
| Quetta | | ... | | /// // | 285 04 | 330 01 | 355 02 | ... | ... |
| Sargodha | 080 03 | 095 03 | 055 04 | 020 11 | 330 10 | 300 05 | 240 05 | 235 12 | 215 15 |
| Skardu | | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 220 07 | 225 09 | 330 12 | 270 17 | 270 22 | 275 31 | ... | ... | ... |
| Veraval | ... | ... | | ... | ... | ... | | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | | | ... | ... | ... | ... |
| Bogra | /// // | /// // | 265 07 | 265 09 | 270 02 | 275 09 |
| Chaklala | ... | 070 05 | 355 03 | 290 05 | 080 05 | 300 09 |
| Chhor | 005 10 | 005 09 | 015 06 | 050 07 | 050 03 | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 320 // | 290 03 | 255 01 | 225 05 | 260 07 | 240 07 |
| Dacca | ... | ... | ... | ... | ... | ... |
| Dalbandin | | ... | 045 07 | 115 10 | 185 02 | 235 10 |
| D. I. Khan | 085 04 | 065 05 | 065 09 | 070 11 | 180 07 | 245 10 |
| Drosh | | ... | ... | 070 01 | 155 01 | 025 04 |
| Fort Sandeman | ... | ... | ... | 235 01 | 360 08 | 340 10 |
| Gilgit | ... | ... | ... | 360 01 | 275 03 | 315 08 |
| Ishurdi | | | | ... | ... | ... |
| Jacobabad | 095 09 | 095 10 | 075 12 | 015 10 | /// // | 345 10 |
| Jessore | No | Ascent | | ... | ... | ... |
| Jhelum | 120 09 | 115 15 | 125 09 | 125 08 | 120 09 | 120 17 |
| Jiwani | 305 16 | 295 16 | 270 12 | 195 07 | 125 08 | 315 17 |
| Karachi | | ... | | ... | | |
| Khanpur | 020 11 | 025 12 | 040 12 | 025 13 | 335 17 | 285 11 |
| Khuzdar | ... | | ... | 315 04 | 250 11 | 290 07 |
| Lahore | 150 12 | 145 13 | 150 11 | 105 04 | 055 05 | 070 10 |
| Multan | 050 11 | 050 11 | 055 17 | 065 17 | 065 19 | 090 04 |
| Nawab Shah | 005 06 | 360 09 | 350 13 | 340 17 | 345 17 | 345 15 |
| Nokkundi | ... | | 090 12 | 175 10 | 175 10 | 185 12 |
| Panjgur | ... | | | | | |
| Peshawar | ... | 105 05 | 155 04 | 245 07 | 230 03 | 265 07 |
| Parachinar | ... | ... | 235 07 | 255 10 | 355 10 | 265 10 |
| Quetta | ... | | | /// // | 250 08 | 270 09 |
| Sargodha | 200 05 | 150 04 | 060 05 | 060 06 | 050 08 | 325 15 |
| Skardu | ... | ... | ... | 230 01 | /// // | |
| Sylhet | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | | |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 200 05 | 200 08 | 210 09 | 225 14 | 220 09 | | ... | ... | ... | ... | ... |
| Bogra | 055 10 | 120 10 | 125 06 | 215 19 | 240 25 | 275 55 | 315 55 | | | | |
| Chaklala | ... | 245 03 | 245 04 | 350 05 | 235 03 | 185 05 | 235 03 | 235 07 | 245 14 | 245 17 | 265 17 |
| Chhor | 250 03 | 345 05 | 325 05 | | | | ... | ... | ... | ... | ... |
| Chittagong | 180 03 | 200 05 | 210 09 | 220 09 | 235 08 | 245 08 | 270 33 | | ... | ... | ... |
| Cherat | | | | | | | | ... | ... | ... | ... |
| Cox's Bazar | 270 04 | 300 09 | 245 09 | 190 07 | 230 07 | 315 06 | 280 10 | ... | | ... | ... |
| Dacca | 230 05 | 215 08 | 215 10 | 230 13 | 230 21 | | | | | | |
| Dalbandin | ... | ... | 105 07 | 155 00 | 215 07 | 240 11 | 325 17 | 305 23 | 315 23 | 310 31 | 320 49 |
| D. I. Khan | 205 03 | 215 08 | 225 03 | 310 01 | 010 03 | 360 07 | 350 16 | 330 10 | 310 07 | 305 10 | 330 29 |
| Drosh | ... | ... | ... | | | | | | | | ... |
| Fort Sandeman | ... | ... | | 270 02 | 225 03 | 290 06 | 325 07 | 315 14 | 335 17 | 335 21 | ... |
| Gilgit | | | | | | ... | ... | ... | ... | ... | ... |
| Ishurdi | 110 03 | 175 01 | 195 04 | 225 16 | 230 26 | ... | | | ... | ... | ... |
| Jacobabad | 070 02 | 065 04 | 065 04 | 270 07 | 315 05 | 340 03 | 335 11 | 290 24 | 285 27 | ... | ... |
| Jessore | 065 04 | 225 02 | 205 07 | 200 10 | 185 23 | | ... | ... | ... | ... | ... |
| Jhelum | 140 02 | 120 04 | 130 04 | 340 05 | 295 04 | 055 03 | 180 10 | ... | ... | ... | ... |
| Jiwani | 210 05 | 265 05 | 260 03 | 285 03 | 180 05 | 300 15 | 265 18 | 275 18 | 285 31 | 295 45 | 295 72 |
| Karachi | 355 02 | 095 02 | 110 01 | 005 02 | 030 07 | 315 08 | 305 04 | 300 19 | 285 24 | | ... |
| Khanpur | 050 04 | 050 07 | 035 09 | 015 02 | 016 18 | 030 27 | 360 37 | 345 48 | 350 49 | 350 50 | 360 61 |
| Khuzdar | ... | | | 295 04 | 285 06 | 015 03 | 290 14 | 295 15 | 270 18 | ... | ... |
| Lahore | 060 04 | 055 05 | 050 03 | 065 08 | 180 10 | 105 10 | 065 09 | ... | ... | | ... |
| Multan | 320 07 | 315 04 | 010 05 | 010 13 | 045 26 | 035 32 | 355 39 | 355 41 | 360 37 | 360 70 | |
| Nawab Shah | 320 07 | 015 04 | 320 04 | 330 05 | 355 09 | 340 10 | 310 28 | 300 49 | ... | ... | ... |
| Nokkundi | ... | ... | 110 14 | 155 16 | 170 14 | 250 16 | 305 17 | 295 25 | 285 30 | 285 36 | ... |
| Panjgur | | | | | | | | | | | ... |
| Peshawar | ... | 340 06 | 335 04 | 300 04 | 295 06 | 040 04 | 230 10 | 270 12 | 280 15 | 315 26 | 280 23 |
| Parachinar | ... | ... | | ... | | ... | | | | | |
| Quetta | ... | ... | | /// // | 285 10 | 235 03 | 310 17 | 305 26 | 300 24 | 305 32 | |
| Sargodha | 100 04 | 295 04 | 315 03 | 360 04 | 020 04 | 180 04 | 045 09 | 320 04 | 270 04 | 265 13 | 275 21 |
| Skardu | | | | | | ... | | ... | ... | ... | ... |
| Sylhet | 150 01 | 235 02 | 220 06 | 240 14 | 255 24 | ... | ... | ... | | ... | ... |
| Veraval | ... | ... | ... | ... | ... | | ... | ... | | ... | |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 290 17 | 300 19 | 320 14 | 080 08 | 320 17 | 300 19 | 310 18 | 230 25 | 320 34 | 310 60 | 295 66 | 295 93 | ... | ... | ... | ... | ... | ... |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

Cloud observation Data (Hiii Cdd V V etc

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres,

TT—Dry Bulb temperatures in °C

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

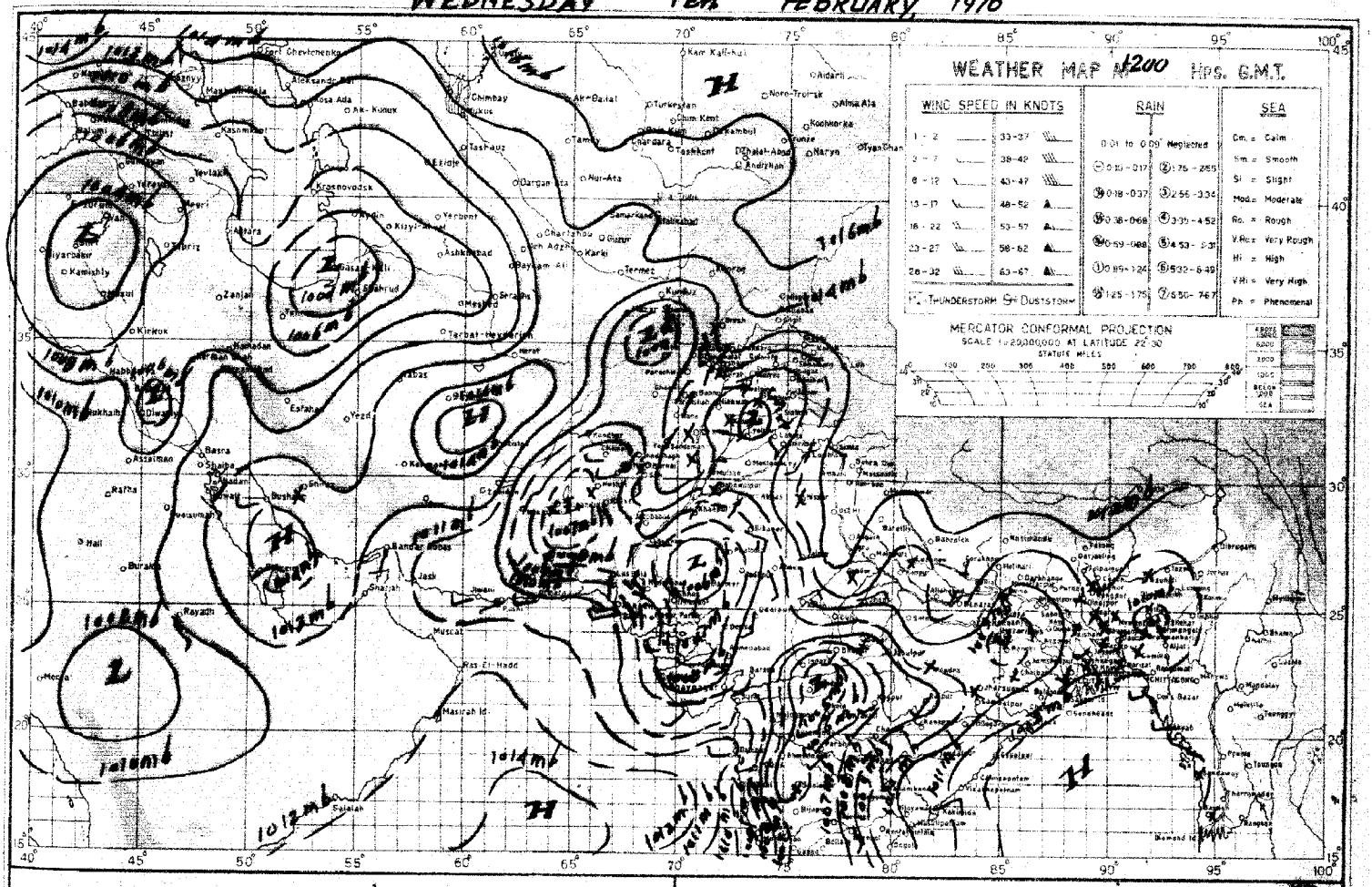
† The actual time of observations may vary within half an hour of the specified time.

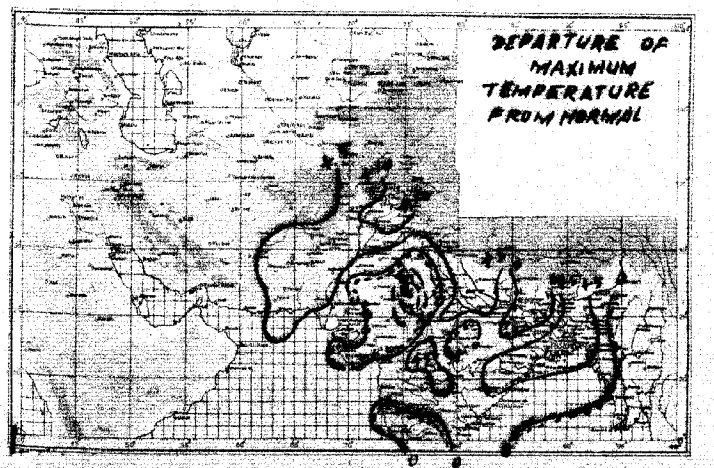
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

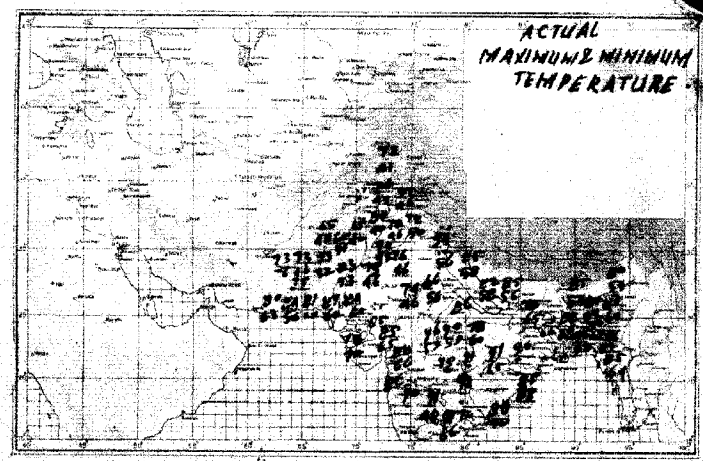
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18th FEBRUARY 1970

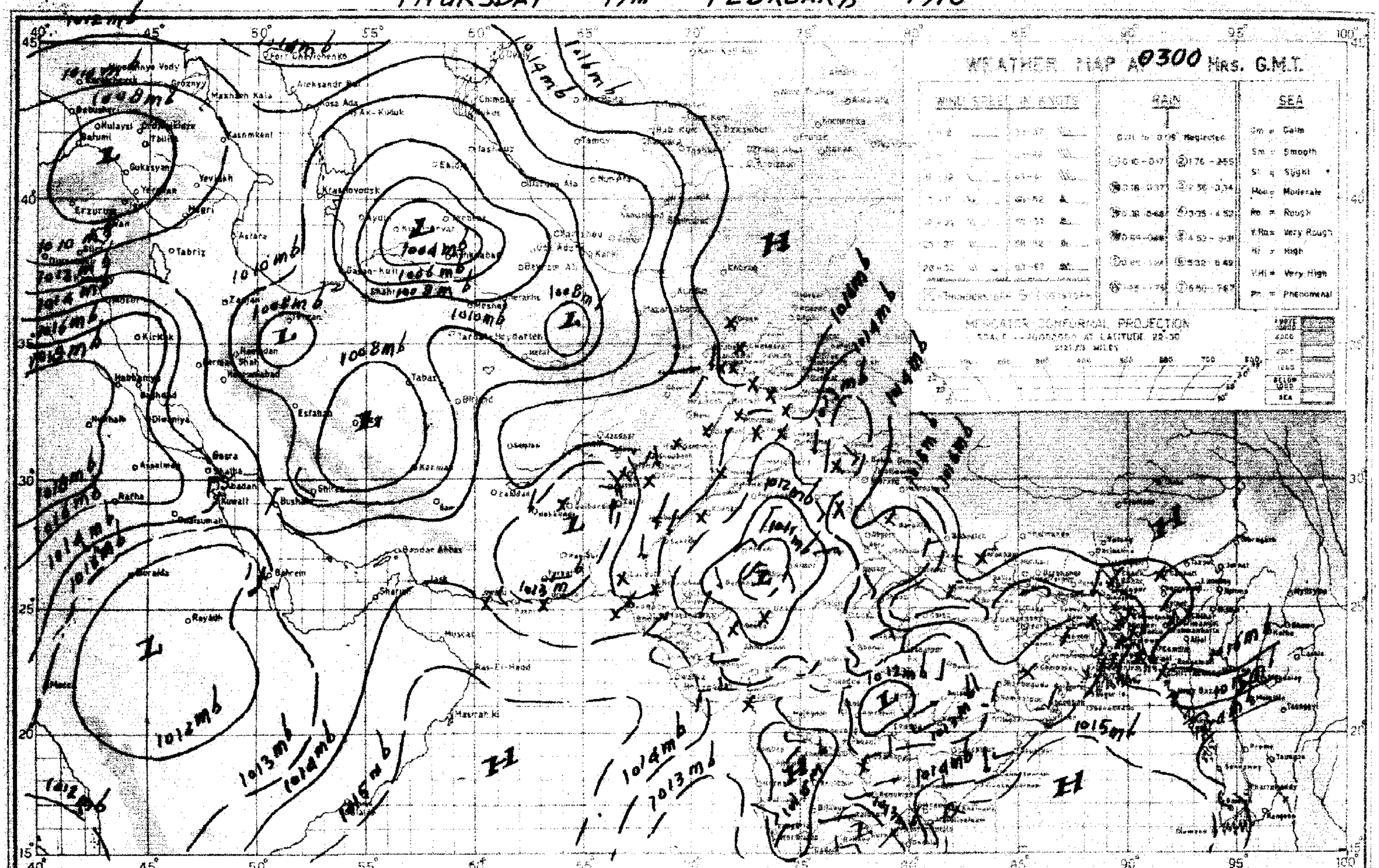


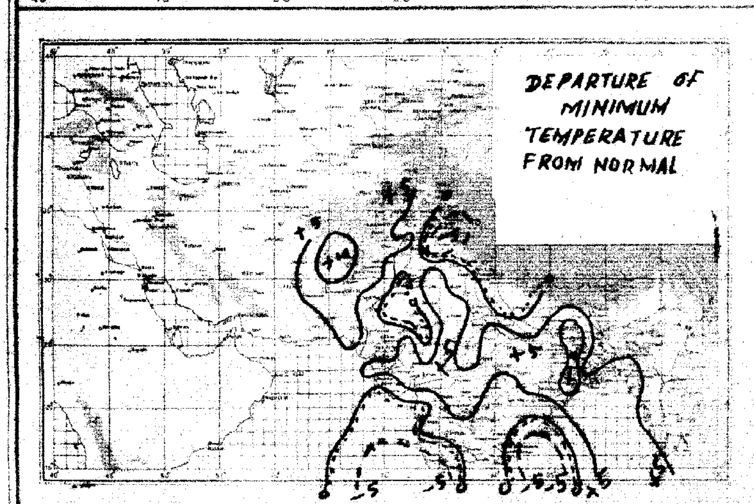



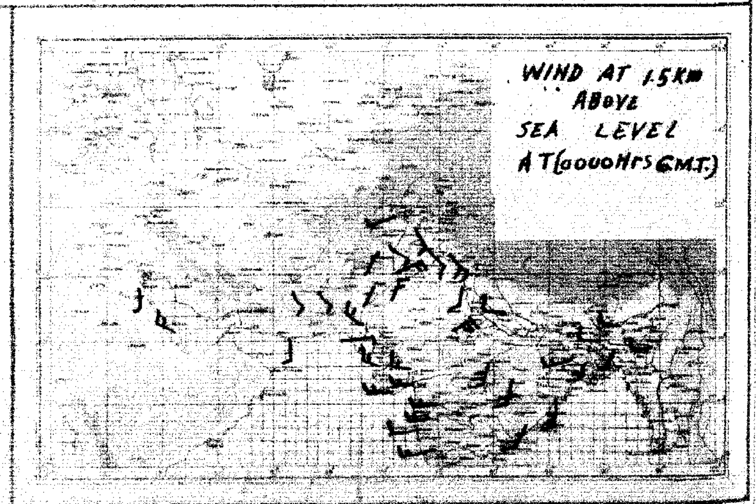



# PAKISTAN DAILY WEATHER MAP

THURSDAY 19th FEBRUARY, 1970



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Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 20th FEBRUARY 1970.**

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

Yesterday's well marked low pressure area over Rajasthan moved away eastwards.

The feeble western disturbance over Quetta, Kalat divisions is moving away across Kashmir.

The western disturbance over Russian Turkistan is now moving across north of Afghanistan while its associated secondary lies over East Iran and adjoining Quetta division.

Weather remained dry over west Pakistan.

The trough of low pressure over west Bengal and adjoining areas persists. Under its influence local rain/thundershowers occurred in Chittagong division and fairly widespread to widespread elsewhere over East Pakistan.

Chief amounts of rainfall are Sylhet and Jessore 1" each, Barisal and Bogra 3/4" each, Faridpur ½" and Maijdee Court, Comilla, Mymensingh, Narayanganj Dacca, Khulna, Satkhira, Pabna, Sirajganj, Rajshahi and Rangur 1/4 each.

Night temperatures were 9—10 °F (5—6 °C) above normal in Quetta division and 3—8 °F (2—4 °C) so elsewhere over the country.

**Forecast valid until the evening of 21st February 1970 :**—Local rain/thundershowers with squelly winds are likely to occur in Rajshahi, Khulna and Dacca divisions and scattered in Chittagong, Quetta, D. I. Khan, Sargodha, Peshawar, Malakand and Rawalpindi disvision and Kashmir. Weather is likely to remain dry elsewhere over west Pakistan.

Karachi-11
The 20th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| DIVISION | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in cons of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *F | Maximum temperature *F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Ww | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TaTa |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati | 000 | 0 | 3 | 18 | 05 | 97 | 01 | 0 | 122 | 80 | 0 | 0 | 9 | 2 | 8 | 62 | 85 |
| | Cox's Bazar | 000 | 0 | 5 | 27 | 04 | 93 | 02 | 0 | 120 | 76 | 4 | 0 | 9 | 4 | 2 | 68 | 80 |
| | Chittagong | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 126 | 77 | 6 | 0 | 9 | 0 | 2 | 65 | 82 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 115 | 82 | 0 | 0 | 9 | 0 | 0 | 60 | 85 |
| | Brahmanbaria | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 1 | 107 | 80 | 1 | 5 | 5 | 0 | 6 | 72 | 77 |
| | Sylhet | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 104 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 81 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 117 | 78 | 4 | 5 | 5 | 0 | 0 | 52 | 82 |
| | Narayanganj | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 108 | 82 | 0 | 0 | 9 | 0 | 0 | 70 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 23 | 02 | 96 | 01 | 0 | 105 | 80 | 0 | 0 | 9 | 0 | 1 | 65 | 88 |
| | Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 2 | 110 | 79 | 1 | 0 | 9 | 2 | 0 | 64 | 84 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 109 | 85 | 0 | 0 | 9 | 0 | 0 | 78 | 91 |
| | Satkhira | 000 | 0 | 6 | 18 | 04 | 97 | 00 | 0 | 108 | 82 | 4 | 2 | 9 | 1 | 0 | 70 | 90 |
| | Jessore | 000 | 0 | 1 | 18 | 03 | 98 | 02 | 0 | 100 | 82 | 0 | 0 | 9 | 3 | 0 | 58 | 90 |
| Rajshahi | Pabna | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 1 | 098 | 82 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 103 | 82 | 0 | 0 | 9 | 0 | 0 | 55 | 85 |
| | Rajshahi | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 102 | 82 | 1 | 0 | 5 | 0 | 0 | 70 | 85 |
| | Bogra | 005 | 7 | 5 | 00 | 00 | 96 | 03 | 0 | 103 | 78 | 1 | 4 | 2 | 0 | 0 | 65 | 85 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 104 | 76 | 0 | 0 | 9 | 0 | 0 | 60 | 88 |
| | Rangpur | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 0 | 111 | 66 | 5 | 0 | 9 | 2 | 0 | 60 | 82 |
| Kashmir | Jammu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | Lahore (Intl Ap.) | 000 | 0 | 2 | 09 | 05 | 96 | 01 | 1 | 124 | 66 | 1 | 1 | 7 | 3 | 0 | 50 | 70 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 110 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | // |
| Rawalpindi | Jhelum | 000 | 0 | 8 | 13 | 05 | 97 | 02 | 0 | 108 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 78 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 4 | 00 | 00 | 99 | 02 | 2 | 097 | 70 | 0 | 0 | 9 | 0 | 6 | 40 | 76 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 164 | 77 | 0 | 0 | 9 | 0 | 0 | 59 | 78 |
| | Sargodha | 000 | 0 | 1 | 05 | 03 | 97 | 02 | 0 | 108 | 76 | 0 | 0 | 9 | 0 | 1 | 46 | 76 |
| | Lyallpur | 000 | 0 | 2 | 34 | 02 | 96 | 00 | 0 | 112 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 76 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 09 | 07 | 97 | 02 | 0 | 110 | 76 | 0 | 0 | 9 | 0 | 0 | 44 | 78 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 110 | 78 | 0 | 0 | 9 | 0 | 0 | 40 | 80 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 114 | 76 | 0 | 0 | 9 | 0 | 0 | 48 | 78 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 008 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 72 |
| Malakand | Chakdara | 000 | 0 | 4 | 23 | 02 | 98 | 01 | 0 | 079 | 81 | 0 | 0 | 9 | 0 | 8 | 44 | 74 |
| Peshawar | Peshawar | 000 | 0 | 5 | 09 | 02 | 96 | 04 | 0 | 091 | 74 | 1 | 0 | 9 | 3 | 1 | 42 | 76 |
| | Haripur | 000 | 0 | 0 | 13 | 03 | 98 | 00 | 0 | 123 | 72 | 0 | 0 | 9 | 0 | 0 | 38 | 76 |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | D. I. Khan | 100 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 115 | 78 | 0 | 0 | 9 | 0 | 0 | 50 | 80 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 106 | 82 | 0 | 0 | 9 | 0 | 0 | 56 | 86 |
| | Nokkundi | 000 | 0 | 0 | 13 | 12 | 96 | 02 | 0 | 093 | 79 | 0 | 0 | 9 | 0 | 0 | 13 | 80 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 04 | 98 | 00 | 0 | 142 | 84 | 0 | 0 | 9 | 0 | 0 | 35 | 84 |
| | Jiwani | 000 | 0 | 4 | 23 | 18 | 96 | 02 | 0 | 125 | 76 | 0 | 0 | 9 | 0 | 1 | 44 | 79 |
| | Pasni | 000 | 0 | 4 | 25 | 18 | 97 | 02 | 0 | 132 | 78 | 4 | 0 | 9 | 0 | 0 | 72 | 82 |
| Karachi division | Ormara | 000 | 0 | 2 | 27 | 10 | 96 | 02 | 2 | 134 | 76 | 1 | 6 | 6 | 0 | 0 | 70 | 82 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 4 | 27 | 05 | 97 | 03 | 0 | 131 | 76 | 0 | 0 | 9 | 0 | 4 | 68 | 80 |
| | Karachi (Airport) | 000 | 0 | 2 | 27 | 09 | 96 | 02 | 0 | 117 | 80 | 0 | 0 | 9 | 0 | 1 | 54 | 84 |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | |
| | Chhor | 000 | 9 | 9 | 31 | 02 | 94 | 05 | 4 | 110 | 82 | 9 | / | / | / | / | 47 | 86 |
| | Hyderabad | 000 | 0 | 3 | 00 | 00 | 96 | 05 | 0 | 116 | 87 | 0 | 0 | 9 | 0 | / | 45 | 89 |
| | Badin | 000 | 0 | 2 | 27 | 03 | 97 | 03 | 0 | 119 | 87 | 0 | 0 | 9 | 0 | 2 | 44 | 88 |
| Khairpur | Padidan | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 110 | 83 | 0 | 0 | 9 | 0 | 0 | 43 | 85 |
| | Nawabshah | 000 | 0 | 1 | 13 | 03 | 96 | 02 | 0 | 118 | 83 | 0 | 0 | 9 | 0 | 1 | 43 | 86 |
| | Sukkur | 000 | 4 | 0 | 23 | 02 | 96 | 02 | 0 | 103 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 85 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 110 | 81 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| Liasgadh | Veravai | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Miniger | | | | | | | | | | | | | | | | | |
| | Aliabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | 000 | 0 | 4 | 00 | 00 | 98 | 02 | 1 | 467 | 65 | 3 | 1 | 7 | 6 | 0 | 59 | 72 |
| Peshawar | Chitral | 000 | 0 | 0 | 36 | 03 | 98 | 02 | 0 | 481 | 62 | 0 | 0 | 9 | 0 | 0 | 38 | 66 |
| | Kakul | 000 | 0 | 3 | 27 | 03 | 97 | 03 | 0 | 480 | 62 | 0 | 0 | 9 | 0 | 0 | 28 | 66 |
| | Landikotal | 000 | 0 | 0 | 36 | 01 | 98 | 02 | 0 | 436 | 62 | 0 | 0 | 9 | 0 | 0 | 28 | 70 |
| | Parachinar | 000 | 0 | 7 | 16 | 05 | 98 | 05 | 1 | 471 | 58 | 4 | 3 | 7 | 2 | 0 | 25 | 61 |
| D. I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 545 | 66 | 0 | 0 | 9 | 0 | 0 | 49 | 70 |
| | Wana | 000 | 0 | 2 | 13 | 05 | 99 | 00 | 0 | 455 | 65 | 2 | 2 | 8 | 0 | 0 | 51 | 65 |
| Quetta | Fort Sandeman | 000 | 2 | 6 | 23 | 03 | 97 | 03 | 1 | 482 | 67 | 3 | 4 | 7 | 0 | 1 | 32 | 68 |
| | Hindubagh | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | // | 63 | / | 0 | 9 | 0 | / | 20 | 68 |
| | Loralai | 000 | 0 | 0 | 09 | 02 | // | 00 | 0 | 470 | 35 | 0 | 0 | 9 | 0 | 0 | 36 | 48 |
| | Barkhan | | | | | | | | | | | | | | | | | |
| | Harnai | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 470 | 71 | 0 | 0 | 9 | 0 | 0 | 42 | 74 |
| | Sonmiani (Quetta) | 000 | 0 | 2 | 31 | 07 | 96 | 02 | 0 | 481 | 61 | 2 | 1 | 6 | 0 | 1 | 35 | 63 |
| | Chaman | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 484 | 66 | 0 | 0 | 9 | 0 | 0 | 43 | 67 |
| | Nushki | 000 | 0 | 2 | 27 | 03 | 97 | 02 | 0 | 521 | 72 | 0 | 0 | 9 | 0 | 0 | 41 | 69 |
| | Dalbandin | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 483 | 73 | 0 | 0 | 9 | 0 | 0 | 42 | 75 |
| Kalat | Kalat | 000 | 0 | 0 | 01 | 02 | 98 | 00 | 2 | 478 | 59 | 0 | 0 | 9 | 0 | 0 | 25 | 65 |
| | Khuzdar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 475 | 71 | 0 | 0 | 9 | 0 | 0 | 15 | 72 |
| | Panjgur | | | | | | | | | | | | | | | | | |

| DIVISION | STATIONS | At 0300 Hrs. G. M. T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in cons of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum temperature | Rainfall: Since 1st November, 1969 to date | Departure from normal | Since 1st January, 1970 to date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Ww | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TaTa | TxTx | TaTa | | | | |
| 1 | 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 7 | 13 | 09 | 96 | 03 | 4 | 177 | 64 | 6 | 7 | 4 | 1 | 1 | 64 | 64 | — | — | 1.8 | — | 0.3 | — |
| | Cox's Bazar | 000 | 0 | 5 | 09 | 07 | 96 | 03 | 4 | 144 | 69 | 1 | 2 | 5 | 3 | 1 | 64 | 62 | — 3 | + 2 | 0.7 | — 4.0 | 0.0 | 140 |
| | Chittagong | 000 | 0 | 7 | 05 | 02 | 96 | 17 | 4 | 161 | 66 | 4 | 3 | 4 | 2 | 0 | 66 | 64 | — 1 | + 5 | 1.4 | — 2.5 | 0.1 | 108 |
| | Maijdee Court | 050 | 3 | 8 | 18 | 05 | 96 | 01 | 2 | 143 | 68 | 5 | 5 | 5 | 2 | 1 | 64 | 64 | | + 1 | 1.3 | — 1.3 | 1.0 | 115 |
| | Comilla | 030 | 4 | 4 | 18 | 05 | 96 | 03 | 2 | 128 | 69 | 4 | 4 | 5 | 0 | 0 | 64 | 64 | + 3 | + 4 | — | — | — | 94 |
| | Brahmanbaria | 065 | 0 | 7 | 18 | 02 | 96 | 03 | 1 | 136 | 69 | 7 | 5 | 5 | 0 | 0 | 66 | 59 | — | — | 7.1 | — 0.2 | 0.8 | 78 |
| | Sylhet | 123 | 6 | 7 | 05 | 05 | 96 | 01 | 9 | 131 | 59 | 6 | 6 | 8 | 2 | 0 | 59 | 59 | | — | 4.9 | — | 2.3 | — |
| | Srimangal | 002 | 9 | 7 | 18 | 05 | 96 | 05 | 6 | 185 | 69 | 3 | 9 | 4 | 7 | 2 | 52 | 60 | | + 8 | 3.1 | | 1.6 | 98 |
| Dacca | Mymensingh | 031 | 7 | 4 | 12 | 02 | 97 | 02 | 1 | 183 | 72 | 2 | 4 | 6 | 2 | 0 | 64 | 62 | + 3 | + 5 | 1.8 | — 0.3 | 1.2 | 91 |
| | Narayanganj | 019 | 0 | 6 | 22 | 02 | 97 | 02 | 2 | 130 | 69 | 6 | 6 | 6 | 3 | 1 | 66 | 64 | + 3 | + 5 | 2.7 | + 0.4 | 1.3 | 74 |
| | Dacca (Tejgaon) | 030 | 7 | 5 | 23 | 05 | 97 | 01 | 2 | 120 | 66 | 1 | 6 | 3 | 4 | 0 | 62 | 62 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 053 | 0 | 2 | 00 | 00 | 97 | 01 | 2 | 139 | 69 | 2 | 4 | 5 | 0 | 0 | 64 | 62 | | + 6 | 2.9 | + 0.4 | 1.3 | 71 |
| Khulna | Barisal | 082 | 2 | 7 | 23 | 03 | 97 | 29 | 9 | 131 | 69 | 5 | 4 | 4 | 2 | 0 | 69 | 63 | + 4 | + 3 | 2.5 | — 0.2 | 0.9 | 81 |
| | Khulna | 025 | 4 | 7 | 00 | 00 | 97 | 03 | 0 | 121 | 68 | 7 | 0 | 4 | 0 | 0 | 68 | 66 | + 7 | + 7 | 1.7 | — 0.7 | 0.4 | 68 |
| | Satkhira | 030 | 0 | 6 | 18 | 04 | 97 | 00 | 0 | 142 | 74 | 4 | 0 | 9 | 1 | 1 | 73 | 64 | + 5 | + 5 | 0.4 | — 1.6 | 0.2 | 68 |
| | Jessore | 118 | 9 | 4 | 00 | 00 | 97 | 02 | 0 | 127 | 68 | 0 | 0 | 9 | 3 | 0 | 64 | 64 | — | — | — | | — | 65 |
| Rajshahi | Pabna | 026 | 9 | 2 | 00 | 00 | 99 | 03 | 6 | 128 | 69 | 8 | 0 | 9 | 0 | 2 | 67 | 62 | — | — | 3.2 | — | 2.1 | 59 |
| | Sirajganj | 022 | 9 | 2 | 00 | 00 | 98 | 02 | 2 | 125 | 66 | 2 | 0 | 7 | 4 | 0 | // | 64 | + 2 | + 10 | 2.1 | + 0.4 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 135 | 73 | 4 | 6 | 4 | 0 | 0 | 59 | 62 | + 5 | + 7 | 4.1 | + 2.5 | 1.2 | — |
| | Bogra | 069 | 8 | 3 | 05 | 02 | 96 | 03 | 9 | 123 | 68 | 3 | 5 | 4 | 0 | 0 | 60 | 62 | + 4 | + 7 | — | — | — | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 73 |
| | Rangpur | 020 | 2 | 7 | 09 | 05 | 96 | 01 | 6 | 128 | 66 | 7 | 0 | 9 | 7 | 0 | 62 | 54 | + 3 | + 1 | 2.5 | + 1.1 | 1.0 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Intl Ap.) | 000 | 0 | 0 | 05 | 02 | 91 | 47 | 0 | 175 | 52 | / | / | / | / | / | 48 | 49 | — 3 | + 5 | 0.8 | — 1.5 | 0.8 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | // | / | / | 1.6 | — 2.5 | 1.6 | 32 |
| Rawalpindi | Jhelum | 000 | 9 | 6 | 00 | 00 | 96 | 02 | 2 | 169 | 54 | 6 | 0 | 9 | 7 | 0 | 50 | // | — | — | 1.7 | — | 1.7 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Rawalpindi | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 2 | 171 | 54 | 6 | 0 | 9 | 3 | 0 | 48 | 46 | + 11 | + 5 | 2.9 | — 2.8 | 2.7 | — |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 173 | 52 | 0 | 0 | 9 | 0 | 0 | 35 | 50 | + 8 | + 3 | 0.3 | — 1.7 | 0.3 | 15 |
| | Sargodha | 000 | 0 | 6 | 13 | 03 | 96 | 04 | 1 | 174 | 53 | 2 | 0 | 9 | 3 | 1 | 51 | 50 | — | — | 0.4 | — | 0.3 | — |
| | Lyallpur | 000 | 0 | 4 | 29 | 02 | 95 | 02 | 3 | 170 | 54 | 4 | 3 | 8 | 0 | 0 | 42 | 48 | + 4 | + 4 | 0.4 | — 0.7 | 0.4 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 7 | 18 | 02 | 97 | 03 | 2 | 159 | 58 | 3 | 0 | 9 | 2 | 4 | 54 | 48 | + 5 | + 1 | 0.1 | — 0.9 | 0.1 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | 153 | 56 | 2 | 5 | 7 | 3 | 8 | 32 | 52 | + 1 | + 5 | 0.7 | 0.0 | 0.4 | 6 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 95 | 00 | 0 | 164 | 63 | 0 | 0 | 9 | 0 | 1 | 58 | 56 | + 1 | + 7 | 1.0 | — 0.6 | 0.0 | 6 |
| | Fort Abbas | 000 | 9 | 2 | 05 | 02 | 98 | 00 | 2 | /// | 56 | 2 | 0 | 9 | 0 | 0 | 56 | 56 | — | — | — | | — | 8 |
| Malakand | Chakdara | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 169 | 52 | 0 | 0 | 9 | 0 | 0 | 45 | 46 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | 000 | 0 | 7 | 00 | 00 | 96 | 04 | 1 | /// | 52 | 1 | 0 | 9 | 3 | 1 | 48 | 48 | + 10 | + 4 | 1.6 | — 1.9 | 1.0 | 11 |
| | Haripur | 000 | 4 | 6 | 05 | 03 | 97 | 03 | 2 | 160 | 54 | 6 | 0 | 9 | 8 | 5 | 42 | 46 | — | — | 2.9 | — | 1.9 | 9 |
| D. I. Khan | Bannu | 000 | 0 | 7 | 00 | 00 | 98 | 04 | 2 | 156 | 56 | 2 | 2 | 7 | 1 | 0 | 33 | 54 | — // | — | — | — | — | — |
| | D. I. Khan | 000 | 0 | 5 | 06 | 03 | 97 | 03 | 0 | 158 | 56 | 0 | 0 | 9 | 3 | 0 | 45 | 48 | + 8 | + 3 | 1.1 | — 0.3 | 1.1 | 9 |
| Quetta | Sibi | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 0 | 145 | 57 | 0 | 2 | 9 | 0 | 2 | 62 | 54 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 0 | 05 | 12 | 96 | 02 | 0 | 117 | 59 | 0 | 0 | 9 | 0 | 0 | 41 | 50 | — | — | 1.7 | — | 1.7 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 07 | 96 | 00 | 0 | 175 | 62 | 0 | 0 | 9 | 0 | 0 | 59 | // | — | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 148 | 65 | 1 | 6 | 5 | 0 | 1 | 60 | 63 | — | — | 0.7 | — | 2.9 | 5 |
| | Pasni | 000 | 0 | 4 | 25 | 06 | 97 | 02 | 0 | 147 | 61 | 4 | 0 | 9 | 0 | 0 | 58 | 52 | + 4 | — 3 | 2.5 | — 1.6 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 4 | 27 | 09 | 96 | 01 | 1 | 160 | 71 | 4 | 6 | 6 | 0 | 0 | 68 | // | — | — | 2.3 | — 1.3 | 2.3 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 6 | 08 | 09 | 96 | 03 | 0 | 148 | 64 | 4 | 6 | 7 | 0 | 0 | 55 | 67 | + 2 | + 6 | 0.3 | — 0.8 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 154 | 60 | 0 | 0 | 9 | 0 | 2 | 55 | 58 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Chhor | 000 | 0 | 0 | 09 | 03 | 95 | 05 | 0 | 149 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 55 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 25 | 02 | 96 | 00 | 0 | 150 | 63 | 0 | 0 | 9 | 0 | 0 | 50 | 61 | + 8 | + 6 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 2 | 32 | 01 | 97 | 02 | 0 | 128 | 61 | 0 | 0 | 9 | 0 | 0 | 54 | 59 | + 3 | + 3 | 0.1 | — 0.6 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 133 | 57 | 0 | 0 | 9 | 0 | 0 | 48 | 53 | — | — | 0.1 | — | 0.1 | — |
| | Nawabshah | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 143 | 55 | 0 | 0 | 9 | 0 | 0 | 50 | 49 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 13 | 05 | 95 | 05 | 4 | 133 | 65 | 0 | 0 | 9 | 0 | 0 | 46 | 54 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 130 | 57 | 0 | 0 | 9 | 0 | 0 | 37 | 54 | + 5 | + 1 | 0.2 | — 0.5 | 0.1 | — |
| Liasgadh | Veravai | | | | | | | | | | | | | | | | | | | | | | | 20 |
| HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 30 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Miniger | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Malakand | Drosh | | | | | | | | | | | | | | | | | | | | | | | 30 |
| Peshawar | Chitral | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 505 | 48 | 0 | 0 | 9 | 0 | 0 | 42 | 45 | + 22 | | | | | 10 |
| | Kakul | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 527 | 54 | 0 | 0 | 9 | 0 | 0 | 42 | 43 | + 13 | + 4 | 2.0 | — 5.2 | 1.4 | 29 |
| | Landikotal | 000 | 0 | 4 | 31 | 05 | 99 | 01 | 0 | 508 | 50 | 4 | 3 | 7 | 0 | 0 | 37 | 46 | — | — | 2.2 | | 4.4 | — |
| | Parachinar | 000 | 0 | 3 | 34 | 05 | 98 | 01 | 0 | 512 | 42 | 2 | 0 | 9 | 4 | 1 | 36 | 40 | + 9 | + 9 | 0.9 | | 0.2 | 29 |
| D. I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 519 | 36 | 0 | 0 | 9 | 0 | 0 | 35 | // | — | — | 2.2 | — | 1.6 | 18 |
| | Wana | | | | | | | | | | | | | | | | | | | | | | | 11 |
| Quetta | Fort Sandeman | 000 | 7 | 3 | 22 | 02 | 97 | 03 | 2 | 497 | 47 | 2 | 5 | 7 | 3 | 1 | 30 | 42 | + 9 | + 9 | 0.6 | — 1.7 | 0.6 | — |
| | Hindubagh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | // | 40 | 0 | 0 | 9 | 0 | 0 | 20 | // | — | — | 1.2 | | 1.0 | 9 |
| | Loralai | 000 | 8 | 27 | 03 | 97 | 01 | 0 | 485 | 38 | 0 | 1 | 9 | 0 | 0 | 0 | 35 | 38 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 473 | 51 | 0 | 0 | 9 | 0 | 0 | 38 | 50 | — | — | 0.7 | — 2.2 | 0.7 | 9 |
| | Sonmiani (Quetta) | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 504 | 40 | 1 | 0 | 9 | 2 | 0 | 29 | 33 | — | — | 1.9 | — 2.7 | 1.2 | 9 |
| | Chaman | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 527 | 54 | 0 | 0 | 9 | 0 | 0 | 35 | 48 | + 9 | + 10 | 7.7 | + 3.1 | 7.7 | — |
| | Nushki | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 518 | 60 | 0 | 0 | 9 | 0 | 0 | 31 | 56 | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 483 | 52 | 0 | 0 | 9 | 0 | 0 | 43 | 48 | + 8 | + 10 | 3.3 | — 0.1 | 3.2 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 504 | 42 | 0 | 0 | 9 | 0 | 0 | 33 | 35 | + 11 | + 3 | 0.9 | — 2.6 | 0.9 | — |
| | Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 495 | 59 | 0 | 0 | 9 | 0 | 0 | 34 | 35 | — | — | 1.0 | — | 0.7 | 8 |
| | Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousand figure omitted.
* These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousand figure omitted.

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 20th FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{i-}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | 8$N_s$Ch$_s$ h$_s$ | O$T_sT_sT_dT_d$ | 1$T_wT_wT_{wt}$T | 3$P_wP_wH_wH_w$d | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels — hhh TTT$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 010 194 02 | ... | /// /// /// | 113 020 58 | 576 107 58 | 743 237 // | | | | ... | ... | ... | ... |
| Dacca ... | 00 00 | 101 194 22 | ... | 410 122 58 | 068 000 44 | 578 123 60 | 737 251 59 | 940 395 59 | 205 585 // | 404 645 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 011 184 39 | ... | 460 130 59 | 096 024 // | 566 135 // | 732 245 // | 937 315 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 999 150 33 | ... | 450 080 62 | 051 035 // | 562 244 // | 732 321 // | 919 451 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 972 110 30 | ... | 400 094 30 | 041 021 30 | 565 191 // | 725 305 // | 923 461 // | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 819 066 56 | | /// /// /// | 065 007 // | 565 227 // | 724 367 // | | | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 993 100 95 | | 440 064 57 | 980 030 56 | 556 201 // | 603 305 // | 981 421 // | 133 525 // | 418 571 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT T$_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 172 58 | 800 100 57 | 663 000 60 | 600 061 58 | 548 085 // | 521 085 58 | 260 267 // | ... | ... | | ... | ... |
| Dacca ... | 00 00 | 900 168 56 | 800 088 57 | 609 076 56 | 576 087 58 | 555 085 59 | ... | ... | ... | ... | 183 256 48 | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 285 82 | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 270 20 | ... | ... |
| Quetta ... | 00 00 | 800 096 // | 704 000 // | 600 099 // | 402 365 // | ... | ... | ... | ... | ... | ... | ... | |
| Sargodha ... | 00 00 | | | | | | | | | | ... | | |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 170 08 | 210 11 | 215 11 | 225 19 | 315 18 | 220 29 | 265 37 | 250 45 | 254 90 |
| Bogra | 050 07 | 070 05 | 005 05 | 155 12 | 145 11 | ... | ... | — | ... |
| Chaklala | ... | 280 09 | 260 08 | 245 10 | 225 05 | 230 03 | 250 04 | ... | ... |
| Chhor | 295 07 | 295 08 | 285 09 | 295 03 | ... | — | | ... | ... |
| Chittagong | 259 04 | 190 10 | 170 08 | 215 12 | 215 15 | 225 16 | 240 20 | ... | ... |
| Cherat | ... | | ... | ... | ... | ... | — | ... | ... |
| Cox's Bazar | ... | 275 05 | 215 07 | 250 10 | 250 02 | 275 11 | | | ... |
| Dacca | 180 18 | 180 12 | 190 12 | 190 16 | 205 17 | 200 18 | 245 25 | 220 26 | 225 27 |
| Dalbandin | ... | | 160 06 | 185 09 | 200 11 | 185 09 | 275 11 | 285 25 | 250 26 |
| D. I. Khan | 155 04 | 145 05 | 140 05 | 095 03 | 345 06 | 315 14 | 280 13 | 290 05 | 295 17 |
| Drosh | ... | ... | ... | 225 06 | 220 08 | 205 08 | 205 10 | 195 09 | 250 04 |
| Fort Sandeman | ... | ... | ... | 315 04 | 290 05 | 315 04 | 300 19 | 305 33 | 310 49 |
| Gilgit | ... | ... | ... | 255 02 | 295 02 | 130 03 | 155 05 | 250 10 | 230 14 |
| Ishurdi | 160 04 | 155 09 | 165 05 | 225 13 | | ... | | ... | |
| Jacobabad | 180 13 | 175 11 | 180 09 | 220 06 | 255 01 | 280 13 | 290 15 | 335 21 | 315 25 |
| Jessore | 200 15 | 195 17 | 195 15 | 310 16 | | | | | |
| Jhelum | 170 06 | 170 07 | 175 06 | 155 04 | 310 03 | 345 04 | 325 03 | 340 11 | 305 16 |
| Jiwani | 235 09 | 240 07 | 240 06 | 220 07 | 200 09 | 285 13 | 305 22 | 295 23 | 285 28 |
| Karachi | 245 12 | 235 10 | 235 07 | 215 01 | 145 02 | 330 09 | 315 25 | 295 30 | 295 33 |
| Khanpur | 070 05 | 050 06 | 050 06 | 340 04 | 310 05 | 335 14 | 345 41 | 340 46 | 340 45 |
| Khuzdar | ... | ... | ... | 235 06 | 240 06 | 245 06 | 305 21 | 305 27 | 280 36 |
| Lahore | 125 08 | 130 05 | 130 03 | 135 06 | 070 06 | 035 09 | 005 18 | 335 12 | 330 08 |
| Multan | ... | ... | | ... | ... | ... | ... | | |
| Nawab Shah | 220 03 | 275 03 | 260 08 | 240 09 | 280 05 | 305 19 | 310 30 | 285 32 | 290 45 |
| Nokkundi | ... | ... | 140 19 | 150 13 | 155 12 | 245 18 | 270 24 | 275 31 | 275 32 |
| Panjgur | ... | | | | | | | | |
| Peshawar | ... | 115 04 | 125 02 | 225 04 | 305 03 | 350 03 | 305 13 | 165 17 | 280 28 |
| Parachinar | ... | ... | ... | ... | ... | | | | |
| Quetta | | | | | 160 02 | 260 04 | 335 19 | 360 29 | 335 33 |
| Sargodha | 195 02 | 155 03 | 160 03 | 010 04 | 300 03 | 265 04 | 315 10 | 330 29 | 320 29 |
| Skardu | | ... | ... | ... | ... | ... | ... | — | — |
| Sylhet | 120 04 | 140 04 | 215 08 | 215 15 | 245 24 | 255 27 | ... | — | ... |
| Veraval | ... | — | . | ... | — | . | | ... | ... |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 265 18 | 280 08 | 290 16 | 260 30 | ... | — |
| Bogra | 040 15 | 040 17 | 045 18 | | | |
| Chaklala | ... | 130 05 | 105 05 | 255 06 | 310 09 | 325 05 |
| Chhor | 225 08 | 230 07 | 215 11 | 205 08 | 290 07 | 265 04 |
| Chittagong | — | .. | ... | ... | ... | .. |
| Cherat | ... | ... | . | ... | ... | ... |
| Cox's Bazar | 150 05 | 170 05 | 195 05 | 285 07 | 330 10 | 265 11 |
| Dacca | 235 16 | 270 23 | 270 20 | 120 23 | 270 37 | 270 38 |
| Dalbandin | ... | ... | 165 09 | 220 12 | 240 22 | 215 19 |
| D. I. Khan | ... | . | ... | | | |
| Drosh | . | ... | ... | 115 05 | 330 02 | 320 03 |
| Fort Sandeman | ... | . | .. | 180 01 | 180 08 | 280 14 |
| Gilgit | ... | ... | | 245 03 | 190 02 | 240 03 |
| Ishurdi | 080 22 | 020 17 | 330 15 | 290 37 | 255 42 | ... |
| Jacobabad | 110 09 | 150 11 | 155 13 | 180 11 | 215 11 | 265 11 |
| Jessore | 335 10 | 315 11 | 285 17 | 330 12 | 240 54 | |
| Jhelum | 185 06 | 220 06 | 225 08 | 215 02 | 320 06 | 340 15 |
| Jiwani | 270 15 | 245 10 | 250 13 | 270 18 | 200 16 | 265 25 |
| Karachi | | | | ... | ... | .. |
| Khanpur | 170 12 | 165 10 | 175 11 | 315 06 | 340 06 | .. |
| Khuzdar | | | | 250 04 | 245 12 | 250 16 |
| Lahore | 160 06 | 160 06 | 140 06 | 055 07 | 055 07 | 340 03 |
| Multan | 180 08 | 210 07 | 230 10 | 260 00 | 270 10 | 310 15 |
| Nawab Shah | 240 17 | 240 17 | 220 15 | 215 15 | 190 11 | 230 12 |
| Nokkundi | ... | | 040 08 | 240 09 | 265 14 | 290 22 |
| Panjgur | ... | | | | | |
| Peshawar | .. | 350 04 | 345 08 | 250 06 | /// // | 290 15 |
| Parachinar | ... | ... | ... | 310 05 | 185 03 | .. |
| Quetta | ... | ... | . | 310 08 | 290 02 | ... |
| Sargodha | ... | ... | .. | | — | |
| Skardu | ... | ... | ... | 020 02 | 019 02 | .. |
| Sylhet | 175 09 | . | ... | ... | ... | ... |
| Veraval | .. | .. | ... | — | | — |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 185 05 | 245 03 | 315 05 | /// // | 275 07 | ... | ... | ... | ... | ... | ... |
| Bogra | 200 02 | 315 05 | 315 12 | 305 21 | 270 21 | 275 31 | 265 45 | | ... | ... | . |
| Chaklala | | 145 01 | 185 02 | 285 06 | 315 08 | 295 08 | 300 13 | 300 23 | | | |
| Chhor | 175 09 | 205 08 | 220 11 | 245 08 | 130 05 | 275 16 | 290 26 | 285 39 | 280 37 | 285 55 | 295 63 |
| Chittagong | 160 13 | 195 20 | 220 26 | 245 27 | ... | . | ... | ... | ... | ... | ... |
| Cherat | ... | ... | . | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 060 07 | 060 09 | 040 06 | 035 06 | 025 06 | ... | ... | .. | ... | ... | ... |
| Dacca | 220 04 | 215 06 | 265 09 | 275 11 | | ... | ... | ... | | ... | .. |
| Dalbandin | ... | ... | 175 04 | 320 09 | 230 07 | 270 19 | 280 16 | 270 31 | 275 36 | 275 41 | 275 51 |
| D. I. Khan | 170 07 | 120 07 | 180 15 | 170 07 | 175 19 | 320 10 | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | | | | | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | .. | 230 05 | 275 12 | 235 10 | 235 19 | ... | — | ... | ... |
| Gilgit | | | | | | | — | ... | | ... | ... |
| Ishurdi | 255 04 | 300 10 | 310 13 | 295 13 | 280 23 | 275 45 | | ... | .. | ... | .. |
| Jacobabad | 165 01 | 225 04 | 225 06 | 275 18 | 220 22 | 225 10 | 255 31 | 265 49 | 260 51 | — | ... |
| Jessore | ... | ... | | | | | | | | ... | ... |
| Jhelum | 280 01 | 220 04 | 225 05 | 290 07 | 315 11 | 315 15 | 300 18 | 310 25 | 290 29 | ... | ... |
| Jiwani | 210 08 | 245 08 | 255 09 | 265 17 | 295 24 | 280 26 | 280 35 | | | | ... |
| Karachi | 265 06 | 230 10 | 210 12 | 225 10 | 275 11 | 270 20 | 275 33 | 285 45 | 280 31 | .. | .. |
| Khanpur | 155 15 | 130 18 | 175 05 | 175 27 | 200 33 | 200 35 | 230 45 | 235 38 | 250 55 | ... | ... |
| Khuzdar | ... | | | 285 03 | 215 14 | 255 25 | 265 35 | 260 39 | 270 38 | 295 54 | |
| Lahore | 120 04 | 135 06 | 060 05 | 360 03 | 350 05 | 340 12 | 310 17 | 310 17 | 305 21 | 310 21 | 290 41 |
| Multan | 150 01 | 175 13 | 175 10 | 225 13 | 240 09 | 245 12 | 250 21 | | ... | ... | ... |
| Nawab Shah | 235 15 | 230 20 | 235 21 | 230 16 | 245 18 | 255 24 | 270 37 | 280 49 | ... | ... | ... |
| Nokkundi | — | — | 055 03 | 270 08 | 275 12 | 290 25 | 265 23 | 270 39 | 280 41 | .. | ... |
| Panjgur | | | | | | | | | | ... | ... |
| Peshawar | ... | 340 06 | 035 05 | 295 05 | 340 05 | 245 05 | 280 15 | 280 26 | 280 31 | . | ... |
| Parachinar | ... | ... | .. | ... | | | | | | | |
| Quetta | .. | | | | 180 09 | 225 07 | 265 29 | ... | ... | . | ... |
| Sargodha | 115 03 | 145 04 | /// // | 240 03 | 280 05 | 300 13 | 310 16 | 325 14 | ... | ... | ... |
| Skardu | | | | | | ... | .. | | ... | ... | ... |
| Sylhet | 135 06 | 175 08 | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | . | ... | ... | .. | ... | . |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi . | 270 14 | 248 15 | 245 14 | 230 10 | 240 18 | 280 10 | 295 19 | 270 25 | 270 32 | 295 49 | 290 00 | 285 87 | ... | ... | ... | ... | ... | ... |
| Multan ... | 180 04 | 280 02 | 225 06 | 235 07 | 255 11 | 315 13 | 295 27 | 300 00 | 295 47 | 290 44 | 290 60 | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

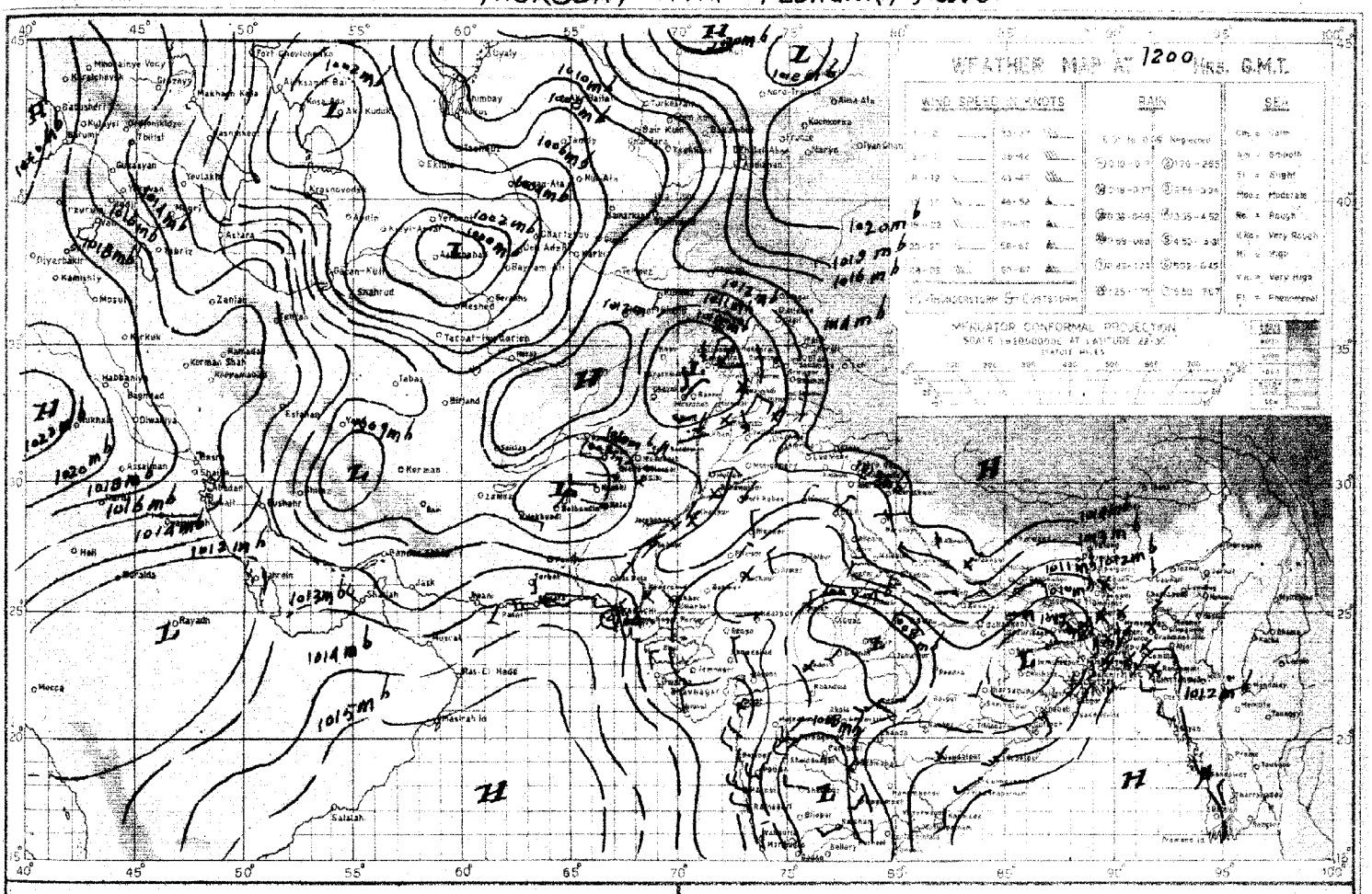
**Cloud observation Data (Hiii Cdd V. V etc.)**

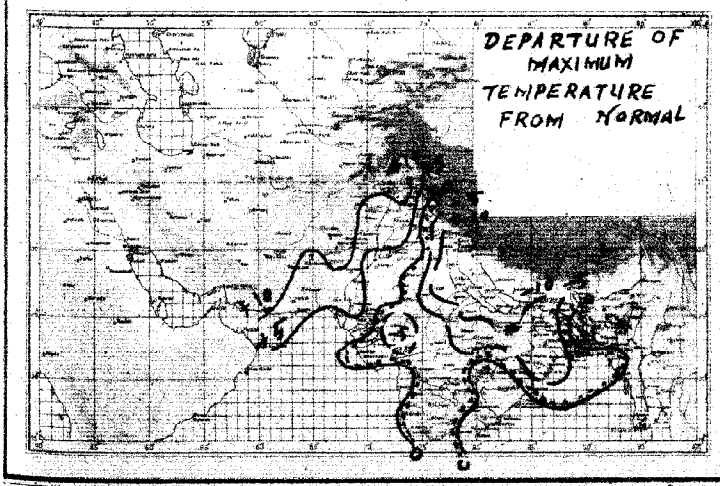
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres,
TT—Dry Bulb temperatures in °C
$T_a$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

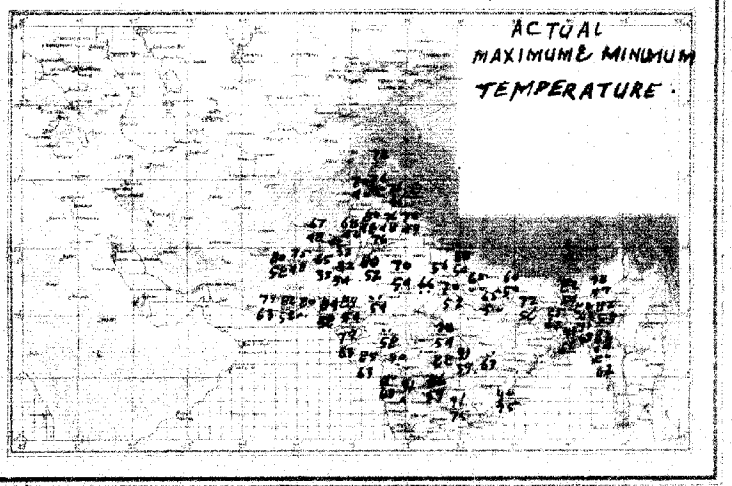
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

# PAKISTAN DAILY WEATHER MAP

THURSDAY 19TH FEBRUARY, 1970

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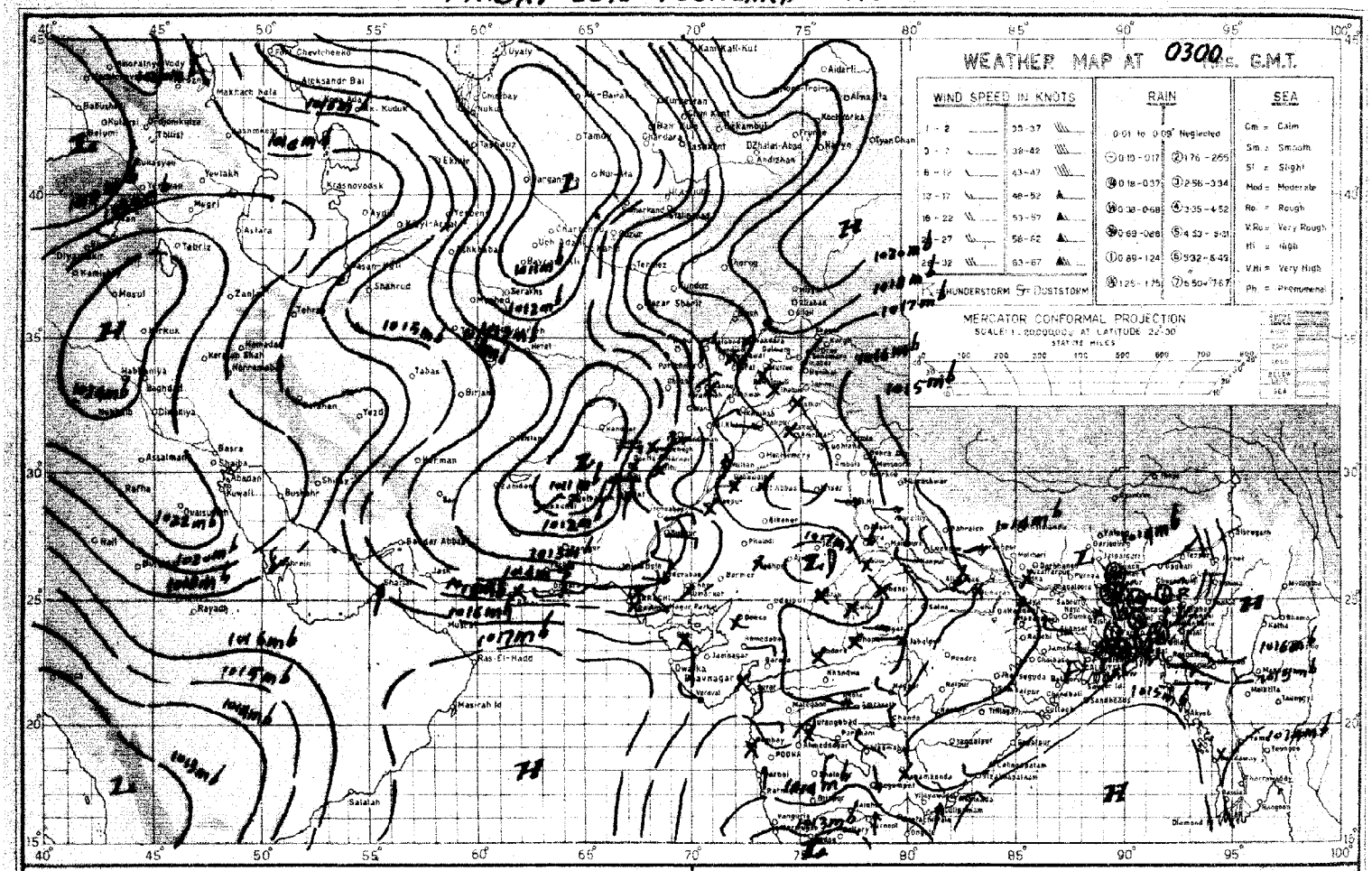
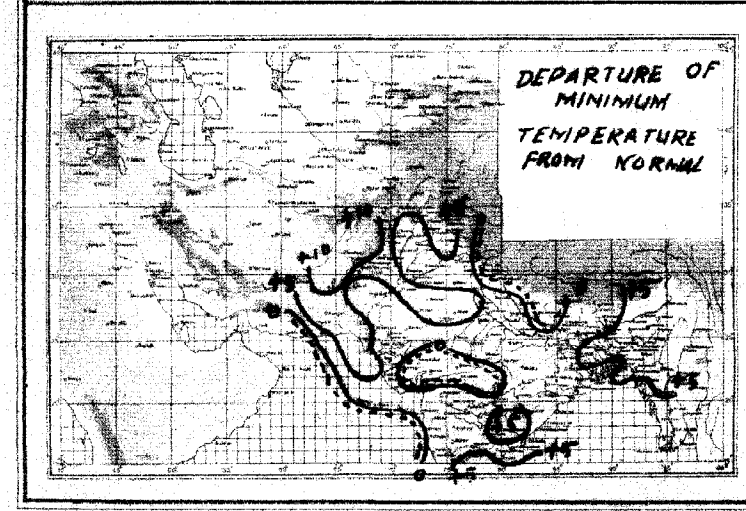
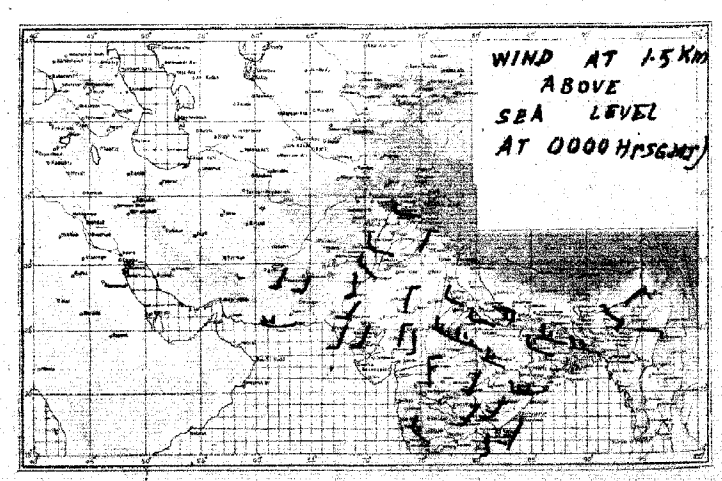
# PAKISTAN DAILY WEATHER MAP

FRIDAY 20th FEBRUARY, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 21st FEBRUARY 1970.**

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

Yesterday's feeble western disturbance over Kashmir moved away.

The western disturbance north of Afghanistan is now moving across north of Peshawar division while its associated secondary lies over northern and central division of west Pakistan. Under its influence scattered rain/thundershowers occurred in Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan, and Quetta divisions and a few falls of light rain/drizzle in Lahore and Malakand divisions.

A westerly low pressure wave is moving across Orissa and adjoining Bay of Bengal. In its association local rain/thundershowers have occurred in Chittagong division. Chief amounts of rainfall are Rangamati (upto 1200Z) Chittagong and Haripur ½" each and Cox's Bazar (upto 1200 Z), Rawalpindi, Cherat and Fort Sandeman 1/4" each.

Night temperatures were 9—14 °F (5—8 °C) above normal in Lahore, Rawalpindi, Malakand and Quetta divisions and 3—8 °F (2—4 °C) so elsewhere over the country outside Kalat division where these were nearly normal.

**Forecast valid until the evening of 22nd February 1970 :—**Local rain/thundershowers are likely to occur in Peshawar, Malakand, Rawalpindi Sargodha, Chittagong disvisions and Kashmir and scattered thunderstorms/showers elsewhere in the country outside Kalat, Karachi and Hyderabad divisions.

Karachi-11
The 21st February, 1970.

ZARIF AHMAD
for Director, Meteorological Service.

## OBSERVATIONS

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 040 | 8 | 1 | 18 | 02 | 96 | 01 | 9 | 114 | 76 | 1 | 1 | 7 | 0 | 2 | 63 | 77 |
| | Cox's Bazar | 030 | 6 | 2 | 18 | 06 | // | 03 | 6 | 105 | 76 | 0 | 0 | 9 | 2 | 8 | 68 | 76 |
| | Chittagong | 040 | 9 | 1 | 13 | 02 | 96 | 02 | 9 | 105 | 76 | 1 | 0 | 9 | 3 | 0 | 67 | 79 |
| | Maijdee Court | .. | .. | .. | ... | ... | .. | .. | .. | ... | ... | .. | .. | .. | .. | .. | .. | .. |
| | Comilla | 000 | 0 | 8 | 23 | 05 | 96 | 02 | 0 | 098 | 76 | 0 | 0 | 9 | 0 | 0 | 72 | 81 |
| | Brahmanbaria | 000 | 0 | 4 | 18 | 02 | 96 | 03 | 1 | 100 | 76 | 4 | 5 | 5 | 0 | 0 | 46 | 79 |
| | Sylhet | 057 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 087 | 72 | 2 | 4 | 5 | 0 | 0 | 65 | 77 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 098 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 87 |
| | Narayanganj | 000 | 0 | 0 | 23 | 02 | // | 00 | 0 | 092 | 79 | 0 | 0 | 9 | 0 | 0 | 64 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 2 | 23 | 02 | 96 | 01 | 2 | 091 | 77 | 1 | 3 | 6 | 4 | 0 | 63 | 82 |
| | Faridpur | 000 | 0 | 2 | 34 | 02 | 96 | 01 | 1 | 116 | 77 | 2 | 5 | 6 | 0 | 0 | 61 | 86 |
| Khulna | Barisal | 008 | 0 | 4 | 18 | 02 | 95 | 02 | 3 | 093 | 76 | 4 | 4 | 0 | 6 | 0 | 67 | 79 |
| | Khulna | 025 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 095 | 80 | 0 | 0 | 9 | 0 | 0 | 77 | 87 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 094 | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 90 |
| | Jessore | 000 | 0 | 0 | 30 | 05 | 96 | 02 | 0 | 094 | 79 | 0 | 0 | 9 | 0 | 0 | 64 | 82 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 98 | 02 | 0 | 091 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 81 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 089 | 79 | 0 | 0 | 9 | 0 | 0 | 61 | 81 |
| | Rajshahi | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 098 | 76 | 4 | 6 | 4 | 0 | 0 | 72 | 81 |
| | Bogra | 005 | 0 | 0 | 27 | 02 | 94 | 02 | 0 | 093 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 78 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 95 | 00 | 1 | 087 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 79 |
| | Rangpur | 000 | 0 | 1 | 09 | 02 | 96 | 01 | 0 | 091 | 64 | 0 | 0 | 9 | 0 | 1 | 60 | 79 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 27 | 02 | 96 | 02 | 1 | 126 | 70 | 3 | 0 | 9 | 3 | 0 | 48 | 72 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 2 | 23 | 05 | 97 | 01 | 1 | 117 | 72 | 0 | 0 | 9 | 0 | 1 | 52 | 74 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 5 | 27 | 02 | 98 | 02 | 2 | 114 | 70 | 0 | 0 | 9 | 6 | 6 | 49 | 72 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 122 | 70 | 5 | 6 | 8 | 7 | 0 | 62 | 70 |
| | Sargodha | 000 | 0 | 7 | 09 | 00 | 97 | 02 | 2 | 124 | 72 | 1 | 5 | 6 | 2 | 0 | 35 | 78 |
| | Lyallpur | 000 | 0 | 4 | 13 | 02 | 96 | 02 | 2 | 128 | 70 | 4 | 3 | 8 | 8 | 0 | 51 | 72 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 1 | 13 | 05 | 97 | 01 | 0 | 125 | 76 | 1 | 0 | 9 | 3 | 8 | 51 | 76 |
| | Leiah | 000 | 0 | 4 | 31 | 02 | 96 | 01 | 1 | 117 | 72 | 0 | 0 | 9 | 0 | 1 | 52 | 74 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 094 | 85 | 0 | 0 | 9 | 0 | 3 | 42 | 85 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 114 | 72 | 0 | 0 | 9 | 0 | 0 | 44 | 77 |
| | Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 2 | 088 | 72 | 2 | 0 | 9 | 0 | 2 | 60 | 72 |
| Malakand | Chakdra | 000 | 0 | 5 | 23 | 02 | 98 | 03 | 0 | 089 | 66 | 0 | 0 | 9 | 0 | 9 | 50 | 70 |
| Peshawar | Peshawar | 0 0 | 0 | 7 | 00 | 00 | 96 | 04 | 1 | 109 | 70 | 1 | 5 | 6 | 7 | 0 | 51 | 70 |
| | Haripur | 000 | 0 | 8 | 23 | 05 | 98 | 00 | 0 | 108 | 74 | 0 | 0 | 9 | 0 | 0 | 34 | 76 |
| D. I. Khan | Bannu | 000 | 0 | 6 | 13 | 02 | 98 | 08 | 1 | 120 | 70 | 2 | 3 | 7 | 1 | 0 | 52 | 70 |
| | D. I. Khan | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 131 | 74 | 0 | 0 | 9 | 0 | 0 | 58 | 74 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 107 | 84 | 0 | 0 | 9 | 0 | 0 | 66 | 86 |
| | Nokkundi | 000 | 0 | 3 | 05 | 03 | 96 | 03 | 0 | 049 | 83 | 3 | 0 | 9 | 3 | 0 | 40 | 83 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| | Jiwani | 000 | 0 | 4 | 23 | 10 | 96 | 02 | 0 | 124 | 76 | 4 | 6 | 5 | 0 | 0 | 68 | 79 |
| | Pasni | 000 | 0 | 4 | 25 | 10 | 97 | 02 | 0 | 136 | 81 | 4 | 0 | 9 | 0 | 0 | 77 | 83 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 12 | 96 | 02 | 0 | 134 | 77 | 1 | 6 | 0 | 0 | 0 | // | 79 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 4 | 27 | 07 | 97 | 03 | 0 | 127 | 75 | 4 | 0 | 9 | 2 | 0 | 63 | 79 |
| | Karachi (Airport) | 000 | 0 | 2 | 23 | 05 | 96 | 02 | 0 | 117 | 77 | 2 | 6 | 5 | 0 | 0 | 57 | 80 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 85 | 0 | 0 | 9 | 0 | 0 | 69 | 84 |
| | Chhor | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 111 | 84 | 0 | 0 | 9 | 0 | 0 | 45 | 84 |
| | Hyderabad | 000 | 0 | 2 | 23 | 09 | 96 | 06 | 1 | 113 | 83 | 0 | 0 | 9 | 0 | 1 | 51 | 88 |
| | Badin | 000 | 0 | 0 | 23 | 08 | 97 | 02 | 0 | 121 | 86 | 0 | 0 | 9 | 0 | 0 | 39 | 87 |
| Khairpur | Padidan | 000 | 0 | 0 | 18 | 05 | 97 | 02 | 0 | 094 | 87 | 0 | 0 | 9 | 0 | 0 | 37 | 89 |
| | Nawabshah | 000 | 0 | 0 | 23 | 12 | 96 | 02 | 0 | 107 | 85 | 0 | 0 | 9 | 0 | 0 | 36 | 89 |
| | Sukkur | 000 | 0 | 0 | 20 | 05 | 96 | 02 | 0 | 110 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 86 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 9 | 18 | 03 | 96 | 02 | 0 | 093 | 84 | 0 | 0 | 9 | 0 | 0 | 35 | 85 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 5 | 23 | 02 | 97 | 01 | 2 | 470 | 60 | 4 | 4 | 7 | 6 | 0 | 28 | 62 |
| Peshawar | Cherat * | 009 | 0 | 6 | 00 | 00 | 98 | 03 | 0 | 494 | 61 | 6 | 0 | 9 | 6 | 0 | 50 | 62 |
| | Kakul * | 000 | 0 | 6 | 25 | 05 | 97 | 17 | 9 | 489 | 60 | 5 | 3 | 6 | 0 | 2 | 37 | 62 |
| | Landikotal * | 000 | 0 | 6 | 36 | 02 | 98 | 03 | 4 | 432 | 60 | 6 | 7 | 6 | 0 | 0 | 35 | 62 |
| | Parachinar * | 000 | 0 | 7 | 16 | 07 | 98 | 02 | 2 | 499 | 55 | 3 | 5 | 6 | 7 | 0 | 34 | // |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 535 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 70 |
| | Wana * | 000 | 0 | 8 | 13 | 04 | 98 | 03 | 2 | 490 | 60 | 8 | 2 | 8 | 0 | 0 | 49 | 60 |
| Quetta | Fort Sandeman * | 000 | 0 | 7 | 31 | 03 | 97 | 02 | 2 | 472 | 64 | 5 | 4 | 7 | 0 | 1 | 29 | 67 |
| | Hindubagh * | 000 | 0 | 7 | 13 | 03 | 97 | 03 | 0 | /// | 62 | 7 | 7 | 8 | 0 | 0 | 22 | 72 |
| | Loralai * | 000 | 0 | 0 | 18 | 08 | 98 | 01 | 0 | 493 | 45 | 0 | 1 | 9 | 0 | 8 | 38 | 44 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 33 | 02 | 96 | 02 | 0 | 463 | 72 | 0 | 0 | 9 | 0 | 0 | 57 | 73 |
| | Samungli (Quetta) * | 000 | 0 | 4 | 27 | 10 | 96 | 02 | 2 | 476 | 65 | 4 | 6 | 9 | 0 | 0 | 44 | 66 |
| | Chaman * | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 474 | 67 | 0 | 0 | 9 | 0 | 0 | 47 | 70 |
| | Nushki * | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 530 | 72 | 0 | 0 | 9 | 0 | 0 | 41 | 73 |
| | Dalbandin * | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 0 | 481 | 77 | 0 | 0 | 9 | 0 | 0 | 39 | 79 |
| Kalat | Kalat * | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 2 | 457 | 62 | 0 | 0 | 9 | 0 | 0 | 13 | 65 |
| | Khuzdar * | 000 | 0 | 1 | 27 | 02 | 97 | 03 | 0 | 467 | 72 | 0 | 0 | 9 | 0 | | 23 | 73 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Rainfall Annual Norms (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 040 | 0 | 2 | 18 | 02 | 98 | 01 | 1 | 135 | 75 | 2 | 2 | 7 | 0 | 0 | 66 | 66 | — | — | 2.2 | — | 0.7 | — |
| | Cox's Bazar | 030 | 0 | 3 | 09 | 06 | 96 | 00 | 3 | 122 | 77 | 0 | 0 | 9 | 0 | 3 | 71 | 60 | — 7 | — 1 | 4.0 | — 3.6 | 0.3 | 140 |
| | Chittagong | 040 | 0 | 4 | 05 | 02 | 97 | 02 | 2 | 123 | 72 | 2 | 5 | 4 | 3 | 0 | 68 | 64 | — 4 | + 3 | 1.8 | — 2.2 | 0.5 | 108 |
| | Maijdee Court | 000 | 9 | 7 | 00 | 00 | 96 | 03 | 2 | 129 | 73 | 3 | 5 | 5 | 7 | 1 | 70 | 64 | | 0 | 1.3 | — 1.3 | 1.0 | 115 |
| | Comilla | 000 | 0 | 2 | 18 | 05 | 96 | 02 | 0 | 131 | 74 | 0 | 0 | 9 | 3 | 0 | 70 | 66 | — 1 | + 6 | — | — | — | 94 |
| | Brahmanbaria | 000 | 0 | 3 | 18 | 02 | 97 | 03 | 1 | 123 | 75 | 3 | 5 | 5 | 0 | 0 | 71 | 66 | — | — | 2.1 | — 0.3 | 0.8 | 78 |
| | Sylhet | 000 | 3 | 7 | 18 | 02 | 94 | 44 | 4 | 121 | 68 | 2 | 7 | 3 | 0 | 0 | 11 | 60 | — | — | 4.9 | | 3.3 | — |
| | Srimangal | 002 | 0 | 5 | 23 | 05 | 96 | 03 | 0 | 157 | 69 | 4 | 9 | 4 | 7 | 2 | 66 | 62 | | + 8 | 3.1 | — 0.1 | 1.6 | 98 |
| Dacca | Mymensingh | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 1 | 132 | 69 | 5 | 5 | 6 | 0 | 0 | 62 | 62 | + 8 | + 4 | 1.3 | — 0.3 | 1.2 | 91 |
| | Narayanganj | 000 | 0 | 3 | 09 | 02 | 97 | 02 | 1 | 125 | 75 | 3 | 6 | 6 | 0 | 0 | 64 | 66 | 0 | + 5 | 2.7 | + 0.4 | 1.3 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 3 | 05 | 02 | 96 | 02 | 2 | 120 | 69 | 2 | 5 | 5 | 4 | 0 | 60 | 64 | | | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 1 | 139 | 75 | 3 | 4 | 6 | 0 | 0 | 56 | 62 | + 6 | + 4 | 2.9 | + 0.4 | 1.3 | 71 |
| Khulna | Barisal | 000 | 0 | 8 | 00 | 00 | 95 | 44 | 4 | 122 | 69 | 3 | 4 | 5 | 0 | 0 | 64 | 66 | — 3 | + 4 | 2.5 | — 0.3 | 0.9 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 121 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 66 | + 3 | + 5 | 1.7 | — 0.8 | 0.4 | 68 |
| | Satkhira | 000 | 0 | 8 | 36 | 03 | 97 | 00 | 0 | 125 | 69 | 1 | 2 | 5 | 7 | 0 | 62 | 64 | + 5 | + 4 | 0.4 | — 1.8 | 0.2 | 68 |
| | Jessore | 000 | 0 | 4 | 03 | 05 | 96 | 05 | 1 | 123 | 69 | 4 | 0 | 9 | 4 | 0 | 62 | 62 | | — | — | | — | 65 |
| Rajshahi | Pabna | 000 | 0 | 3 | 31 | 02 | 97 | 03 | 1 | 121 | 69 | 3 | 3 | 7 | 0 | 0 | 43 | 62 | — | — | 3.2 | — | 2.1 | 59 |
| | Sirajganj | 000 | 0 | 4 | 00 | 00 | 98 | 00 | 2 | 120 | 79 | 4 | 0 | 7 | 4 | 0 | 61 | 62 | + 1 | + 6 | 2.1 | + 0.4 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 2 | 36 | 03 | 97 | 01 | 1 | 124 | 69 | 2 | 6 | 4 | 0 | 0 | 60 | 60 | + 1 | + 4 | 4.1 | + 2.6 | 1.2 | — |
| | Bogra | 000 | 0 | 1 | 27 | 02 | 96 | 01 | 0 | 117 | 68 | 1 | 0 | 9 | 3 | 0 | 59 | 60 | — 3 | + 4 | — | — | — | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 115 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — 1 | + 3 | — | — | — | 72 |
| | Rangpur | 000 | 0 | 1 | 07 | 05 | 96 | 01 | 0 | 131 | 66 | 1 | 0 | 9 | 1 | 0 | 62 | 54 | 0 | 0 | 3.5 | + 1.1 | 1.0 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 4 | 7 | 05 | 02 | 95 | 03 | 6 | 115 | 58 | 4 | 5 | 8 | 7 | 0 | 52 | 56 | — 1 | + 10 | 0.8 | — 1.6 | 0.8 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Rawalpindi | Jhelum | 006 | 5 | 8 | 00 | 00 | 99 | 21 | 6 | 117 | 58 | 2 | 5 | 6 | 2 | 1 | 54 | // | — | — | 1.8 | — | 1.7 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 029 | 5 | 8 | 31 | 02 | 97 | 61 | 6 | 132 | 52 | 8 | 5 | 6 | 0 | 0 | 52 | 52 | + 7 | + 9 | 2.9 | — 1.6 | 3.0 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 114 | 54 | 4 | 5 | 9 | 4 | 0 | 52 | 52 | 0 | + 3 | 0.3 | — 1.7 | 0.3 | 15 |
| | Sargodha | 005 | 0 | 4 | 05 | 02 | 94 | 04 | 0 | 115 | 56 | 1 | 2 | 6 | 3 | 0 | 52 | 50 | | | 0.5 | — | 0.4 | — |
| | Lyallpur | 015 | 8 | 4 | 36 | 02 | 95 | 02 | 5 | 098 | 58 | 4 | 4 | 8 | 0 | 0 | 52 | 54 | 0 | + 8 | 0.6 | — 0.6 | 0.5 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 010 | 0 | 4 | 00 | 00 | 97 | 03 | 0 | 111 | 55 | 1 | 0 | 9 | 3 | 4 | 52 | 54 | + 3 | + 5 | 0.2 | — 0.8 | 0.2 | 7 |
| | Leiah | ... | ... | ... | - | .. | .. | ... | ... | ... | .. | ... | ... | ... | .. | .. | ... | .. | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 3 | 31 | 03 | 96 | 05 | 0 | 117 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 49 | + 6 | 0 | 0.7 | — 0.1 | 0.4 | 6 |
| | Bahawalpur | 000 | 0 | 4 | 00 | 00 | 96 | 00 | 0 | 113 | 63 | 0 | 0 | 9 | 0 | 2 | 58 | 58 | 0 | + 8 | 0.0 | — 0.6 | 0.0 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 021 | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 56 | — | — | — | — | — | 8 |
| Malakand | Chakdra | 000 | 0 | 0 | 00 | 00 | 96 | 01 | : | 192 | 52 | 0 | 3 | 6 | 0 | 0 | 50 | 50 | — | — | 2.2 | — | 2.2 | — |
| Peshawar | Peshawar | 003 | 6 | 1 | 23 | 03 | 97 | 01 | 9 | 116 | 54 | 1 | 6 | 4 | 3 | 0 | 52 | 50 | + 4 | + 4 | 1.6 | — 2.0 | 1.1 | 11 |
| | Haripur | 041 | 4 | 8 | 05 | 05 | 97 | 62 | 6 | 139 | 52 | 8 | 7 | 6 | 0 | 0 | 49 | 43 | — | — | 3.3 | — | 2.4 | — |
| D. I. Khan | Bannu | 000 | 0 | 1 | 00 | 00 | 99 | 01 | 1 | 116 | 52 | 0 | 0 | 9 | 2 | 0 | 49 | 52 | — | — | — | — | — | 11 |
| | D. I. Khan | 006 | 9 | 0 | 14 | 10 | 91 | 47 | 9 | 117 | 54 | 1 | 1 | 9 | 1 | 1 | 19 | 50 | + 2 | + 3 | 1.2 | — 0.2 | 1.2 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 123 | 56 | 0 | 0 | 9 | 0 | 0 | 62 | 54 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 120 | 64 | 0 | 0 | 9 | 0 | 0 | 31 | 49 | — | — | 1.7 | | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 07 | 96 | 00 | 0 | 159 | 64 | 0 | 0 | 9 | 0 | 0 | 61 | 62 | | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 137 | 67 | 0 | 0 | 9 | 0 | 0 | 61 | 64 | — | — | 0.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 129 | 65 | 0 | 0 | 7 | 0 | 0 | 65 | 54 | + 7 | — 4 | 2.5 | — 1.7 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 2 | 27 | 05 | 96 | 02 | 2 | 137 | 70 | 2 | 6 | 6 | 0 | 0 | 69 | // | — | — | 2.3 | — 1.4 | 2.3 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 4 | 31 | 05 | 96 | 03 | 0 | 133 | 73 | 0 | 0 | 9 | 0 | 4 | 62 | 72 | + 1 | + 9 | 0.3 | — 0.8 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 21 | 07 | 96 | 02 | 0 | 128 | 71 | 0 | 0 | 9 | 0 | 0 | 65 | 54 | — | — | 0.3 | | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 143 | 69 | 6 | 6 | 6 | 0 | 0 | 69 | 69 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 5 | 23 | 07 | 96 | 02 | 2 | 109 | 65 | 0 | 0 | 9 | 0 | 4 | 60 | 59 | — | — | 0.0 | | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 5 | 23 | 02 | 97 | 02 | 2 | 112 | 68 | 0 | 0 | 9 | 0 | 1 | 61 | 60 | + 7 | + 3 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 138 | 64 | 0 | 0 | 9 | 0 | 0 | 59 | 62 | + 2 | + 5 | 0.1 | — 0.6 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 4 | 16 | 02 | 97 | 03 | 0 | 202 | 56 | 0 | 0 | 9 | 0 | 6 | 50 | 52 | — | — | 0.1 | — | 0.1 | — |
| | Nawabshah | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 110 | 53 | 0 | 0 | 9 | 0 | 6 | 56 | 54 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 4 | 13 | 05 | 95 | 05 | 4 | 103 | 61 | 4 | 0 | 9 | 6 | 0 | 54 | 57 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 2 | 09 | 03 | 96 | 03 | 0 | 104 | 60 | 2 | 8 | 9 | 3 | 0 | 53 | 56 | + 8 | + 1 | 0.2 | — 0.5 | 0.1 | 10 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Malakand | Drosh * | 000 | 0 | 2 | 00 | 00 | 98 | 01 | 1 | 473 | 45 | 1 | 1 | 7 | 4 | 0 | 32 | 45 | + 12 | + 10 | — | — | — | 29 |
| Peshawar | Cherat * | 030 | 0 | 0 | 00 | 00 | 98 | 02 | 6 | 463 | 43 | 0 | 0 | 9 | 0 | 0 | 43 | 43 | + 9 | 0 | 2.3 | — 5.0 | 1.7 | — |
| | Kakul * | 004 | 2 | 8 | 18 | 15 | 96 | 63 | 6 | 468 | 45 | 8 | 7 | 5 | 1 | 1 | 43 | 45 | — | — | 5.4 | — | 4.4 | — |
| | Landikotal * | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 6 | 618 | 49 | 4 | 3 | 9 | 0 | 0 | 40 | // | — | — | 0.9 | — | 0.2 | 29 |
| | Parachinar * | 004 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 469 | 48 | 0 | 0 | 9 | 0 | 0 | 35 | 38 | // | + 6 | 2.3 | — | 1.7 | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 522 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 40 | — | — | 0.0 | — 2.9 | 0.0 | 11 |
| | Wana * | 010 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 438 | 43 | 0 | 0 | 9 | 0 | 0 | 40 | 35 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 022 | 9 | 2 | 27 | 02 | 97 | 01 | 6 | 497 | 43 | 1 | 5 | 7 | 1 | 0 | 41 | 42 | + 8 | + 5 | 0.8 | — 1.5 | 0.8 | — |
| | Hindubagh * | 010 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | /// | 45 | 0 | 0 | 9 | 0 | 0 | 25 | // | — | — | 1.2 | — | 1.0 | 9 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 470 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | 38 | — | — | 0.3 | — | 0.3 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 10 | 32 | 96 | 02 | 0 | 441 | 53 | 0 | 0 | 5 | 0 | 0 | 41 | 51 | — | — | 0.7 | — 2.3 | 0.7 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 4 | 13 | 02 | 96 | 08 | 0 | 490 | 44 | 1 | 3 | 8 | 0 | 2 | 35 | 39 | — | — | 1.9 | — 2.9 | 1.2 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 09 | 0 | 492 | 55 | 0 | 0 | 9 | 0 | 0 | 41 | 53 | + 12 | + 14 | 7.7 | + 3.0 | 7.7 | — |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 536 | 58 | 0 | 0 | 9 | 0 | 0 | 31 | 54 | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 481 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 44 | + 12 | + 3 | 2.3 | — 0.2 | 2.2 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 501 | 41 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | + 11 | + 2 | 0.9 | — 2.7 | 0.9 | — |
| | Khuzdar * | 000 | 0 | 2 | 27 | 02 | 96 | 02 | 0 | 475 | 55 | 0 | 1 | 9 | 0 | 1 | 38 | 49 | — | — | 1.0 | — | 0.7 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 21st FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR\ t_Rt_R$ | $8N_sCh_s\ h_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d\ d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Machinary | 99 2 16 | 10 6 28 | 20 0 54 | 32 0 06 | 98 0 30 | 16 4 24 | 31 4 00 | 33 2 14 | | | 0 / / 00 | 12 4 02 | 30 3 01 | |
| Machimaru | 99 1 96 | 10 6 54 | 20 1 84 | 03 3 07 | 98 0 20 | 15 5 23 | 00 9 00 | 32 2 08 | | | 0 / / 15 | 12 3 00 | 30 3 01 | |
| Dawarka | 99 2 48 | 10 6 46 | 20 1 83 | 22 5 14 | 99 0 20 | 14 8 23 | 22 5 00 | 25 2 06 | | | 00 9 22 | ... | 30 2 02 | |
| Larouco | 99 0 98 | 10 5 36 | 28 0 64 | 28 7 12 | 98 0 30 | 15 8 26 | 28 6 01 | 54 2 30 | | | 00 4 20 | 12 4 00 | 3/ / 01 | |
| Gwenola | 99 2 24 | 10 5 99 | 20 1 24 | 01 8 05 | 98 0 20 | 13 5 26 | 00 9 00 | 44 7 15 | | | 00 5 22 | 12 5 39 | 30 1 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o\ T_oT_oT_o\ D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 007 194 18 | ... | 450 116 49 | 055 031 03 | 768 199 56 | 713 255 56 | 910 137 // | 197 569 // | 377 635 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 009 214 50 | ... | 430 098 61 | 036 011 62 | 563 148 // | 721 259 // | 930 425 // | 195 553 // | 367 601 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 089 222 56 | ... | 450 134 59 | 091 030 // | 574 131 // | 741 221 // | 948 315 // | 229 411 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 996 140 30 | ... | 400 090 15 | 025 020 56 | 565 131 // | 734 205 01 | 943 311 // | | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 978 128 18 | ... | 500 060 10 | 016 000 20 | 565 131 // | 732 241 // | 936 373 // | 209 407 // | 297 581 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | | | ... | ... | ... | | ... | ... | ... | ... | |
| Sargodha ... | 00 00 | 994 094 58 | ... | 450 070 56 | 952 031 58 | 521 201 // | 715 295 // | 915 395 // | 185 505 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m\ d_md_m\ f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 132 26 | 800 074 42 | 700 280 26 | 600 053 50 | | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 134 64 | 800 058 57 | 600 045 // | 350 331 // | 250 635 // | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 215 03 | 235 05 | 235 06 | 260 10 | 280 25 | 075 35 | ... | ... | ... |
| Bogra | 270 08 | 255 11 | 255 11 | 250 12 | 270 21 | 285 33 | 240 42 | ... | ... |
| Chaklala | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor | ... | ... | | | | ... | | ... | ... |
| Chittagong | 185 07 | 225 09 | 225 09 | 270 16 | 270 28 | 260 37 | 255 72 | 245 88 | ... |
| Cherat | ... | ... | | | ... | ... | ... | ... | ... |
| Cox's Bazar | 175 14 | 180 07 | 190 05 | 285 09 | 310 11 | 305 10 | ... | | |
| Dacca | 250 08 | 250 08 | 250 08 | 250 12 | 250 19 | 275 33 | 280 47 | 275 47 | 270 56 |
| Dalbandin | ... | | 265 05 | 270 09 | 285 10 | 290 18 | 270 26 | 290 26 | 300 38 |
| D. I. Khan | 150 05 | 125 04 | 135 05 | 175 09 | 200 08 | 210 04 | 230 17 | 245 25 | 220 28 |
| Drosh | ... | ... | ... | 225 06 | 210 10 | 160 03 | | ... | |
| Fort Sandeman | ... | ... | ... | 285 05 | 295 07 | 185 10 | 205 19 | 270 27 | 265 24 |
| Gilgit | ... | ... | | 250 03 | 280 07 | 180 03 | 155 07 | 150 04 | 225 06 |
| Ishurdi | 280 02 | 280 08 | 285 08 | 290 18 | 280 24 | 270 30 | | ... | |
| Jacobabad | ... | 185 04 | 185 05 | 200 13 | 220 13 | 275 12 | 320 13 | ... | ... |
| Jessore | 310 05 | 305 06 | 290 04 | 245 09 | 200 13 | 285 33 | | | |
| Jhelum | 218 12 | 245 12 | 270 09 | 305 17 | 330 13 | 275 16 | 290 21 | 320 25 | 330 49 |
| Jiwani | ... | ... | | ... | | | ... | ... | ... |
| Karachi | 255 12 | 240 10 | 255 10 | 270 14 | 280 16 | 280 24 | 290 45 | ... | ... |
| Khanpur | 245 12 | 230 12 | 230 11 | 305 15 | 190 21 | 210 21 | 255 27 | 265 29 | 275 34 |
| Khuzdar | ... | ... | | 235 06 | 240 06 | 245 06 | 305 21 | 305 27 | 280 36 |
| Lahore | 240 04 | 260 04 | 285 03 | 280 08 | 305 07 | 315 08 | 305 12 | 315 22 | |
| Multan | 130 09 | 150 12 | 150 13 | 230 14 | 255 18 | 235 18 | 265 32 | 275 40 | 270 43 |
| Nawab Shah | 195 14 | 210 16 | 210 17 | 220 21 | 240 19 | 285 29 | 275 51 | 270 66 | ... |
| Nokkundi | ... | ... | 055 09 | 015 14 | 240 11 | 280 09 | 295 14 | 280 27 | 275 31 |
| Panjgur | ... | | | | ... | | | | ... |
| Peshawar | ... | 095 04 | 130 03 | 180 04 | 245 07 | 265 04 | 265 10 | ... | ... |
| Parachinar | ... | ... | ... | ... | 150 05 | 345 02 | ... | ... | ... |
| Quetta | | ... | | ... | 315 11 | 335 18 | ... | ... | ... |
| Sargodha | 265 02 | 210 08 | 218 05 | 250 24 | 270 09 | 275 11 | | | ... |
| Skardu | | ... | | | | 178 01 | 175 06 | 200 02 | ... |
| Sylhet | 310 05 | 240 01 | 225 16 | 235 23 | /// // | 245 32 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | | | ... | ... |

At 0000 hrs. G.M.T. * of date (dd ff)

| STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | No | Ascent | | ... | ... | ... |
| Bogra | 290 05 | 270 15 | 270 13 | 250 25 | ... | ... |
| Chaklala | ... | 080 03 | 245 02 | 295 06 | ... | ... |
| Chhor | 240 31 | 225 54 | 280 35 | 295 23 | 330 20 | 245 19 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 175 08 | 180 03 | 250 08 | 270 05 | 250 04 | |
| Dacca | 235 08 | 335 09 | 245 13 | /// // | 245 23 | /// // |
| Dalbandin | ... | ... | 098 03 | 360 05 | 315 08 | 285 14 |
| D. I. Khan | 050 04 | 040 05 | 020 06 | 335 04 | 240 03 | 250 10 |
| Drosh | ... | ... | ... | | | |
| Fort Sandeman | ... | ... | ... | 220 05 | 245 14 | 250 14 |
| Gilgit | ... | | | | | ... |
| Ishurdi | 315 18 | 305 13 | 255 17 | 230 16 | 285 21 | ... |
| Jacobabad | 175 04 | 075 02 | 215 03 | 235 07 | 295 10 | 315 21 |
| Jessore | 345 11 | 340 06 | 225 06 | 240 11 | 265 27 | 280 34 |
| Jhelum | ... | | | | | ... |
| Jiwani | 275 14 | 285 15 | 295 16 | 295 29 | 280 24 | ... |
| Karachi | ... | ... | | | | |
| Khanpur | ... | 030 07 | 355 04 | 265 17 | 255 18 | 230 37 |
| Khuzdar | | | | | | ... |
| Lahore | 245 13 | 265 19 | 270 19 | 290 12 | 225 04 | ... |
| Multan | 085 19 | 105 10 | 140 04 | 235 13 | 260 21 | ... |
| Nawab Shah | ... | | | | | |
| Nokkundi | ... | ... | 080 01 | 185 05 | 260 06 | 250 11 |
| Panjgur | ... | ... | | | | |
| Peshawar | ... | 330 04 | 355 04 | 360 05 | 360 11 | 330 15 |
| Parachinar | ... | ... | ... | ... | | |
| Quetta | ... | ... | | /// // | 215 07 | 260 14 |
| Sargodha | 025 07 | 045 04 | 055 04 | 020 08 | 355 12 | 320 12 |
| Skardu | ... | | ... | ... | ... | ... |
| Sylhet | No | Ascent | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | | ... |

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

| STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 040 06 | 050 07 | 060 05 | 100 06 | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 295 04 | 285 08 | 250 21 | 245 13 | | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 055 12 | 100 13 | 170 06 | 200 09 | | ... | ... | ... | ... | ... |
| Chhor | 240 10 | 310 06 | 310 07 | 310 11 | 310 12 | 330 17 | ... | ... | ... | ... | ... |
| Chittagong | 180 03 | 175 02 | 220 03 | 230 07 | 250 03 | ... | ... | ... | ... | ... | ... |
| Cherat | | | | | | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 195 11 | 220 11 | 220 12 | 240 12 | 250 15 | 290 13 | ... | ... | ... | ... | ... |
| Dacca | 210 01 | 260 01 | 250 01 | 205 12 | 210 38 | | ... | | ... | ... | ... |
| Dalbandin | ... | | 010 08 | 360 14 | 315 11 | 280 16 | 290 29 | 305 41 | 290 62 | 295 57 | 290 52 |
| D. I. Khan | 120 06 | 085 05 | 085 05 | 360 04 | 330 04 | 290 17 | 305 19 | 300 31 | 295 53 | 295 78 | 290 63 |
| Drosh | ... | ... | ... | | | | | | | | |
| Fort Sandeman | ... | ... | ... | 215 05 | 230 09 | 300 18 | 295 40 | 285 40 | 270 38 | 255 47 | 290 46 |
| Gilgit | | | | | | ... | ... | ... | ... | ... | ... |
| Ishurdi | 275 07 | 280 08 | 270 10 | 330 15 | 235 18 | | | ... | ... | ... | ... |
| Jacobabad | 180 05 | 265 06 | 295 14 | 305 21 | 305 22 | 315 23 | 305 55 | ... | 300 55 | ... | ... |
| Jessore | 350 04 | 340 06 | 330 05 | 225 13 | 255 10 | 275 35 | 275 29 | 275 40 | ... | ... | ... |
| Jhelum | 360 10 | 030 15 | 045 09 | 110 05 | 205 07 | | | | | | |
| Jiwani | 265 10 | 290 05 | 290 05 | 295 11 | 295 16 | 295 25 | 295 30 | 290 41 | 290 44 | 285 54 | 285 72 |
| Karachi | 290 13 | 295 13 | 295 10 | 290 19 | 310 08 | 285 42 | 295 35 | | | | |
| Khanpur | 320 06 | 320 07 | 290 08 | 300 12 | 275 14 | 265 24 | 285 31 | 275 58 | 295 27 | 295 66 | 300 72 |
| Khuzdar | | | | 330 09 | 320 15 | 315 20 | 305 29 | 305 55 | 300 38 | ... | |
| Lahore | 050 17 | 065 12 | 085 08 | 095 03 | 140 03 | 235 05 | | | | ... | ... |
| Multan | 055 06 | 050 06 | 360 07 | 055 06 | 270 03 | 050 06 | 290 43 | 360 07 | 300 73 | ... | ... |
| Nawab Shah | ... | ... | | | | | | | | | ... |
| Nokkundi | ... | ... | 350 12 | 300 05 | 275 12 | 265 16 | 300 05 | 290 21 | 285 24 | 250 32 | ... |
| Panjgur | | | | | | ... | ... | | | | ... |
| Peshawar | ... | 035 04 | 095 04 | 060 07 | 350 11 | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | | | | | ... | ... | ... | ... |
| Quetta | | | | /// // | 225 27 | 305 21 | 295 51 | | | | |
| Sargodha | 050 03 | 060 06 | 050 04 | 260 10 | 275 15 | 295 14 | 295 22 | 285 18 | 290 27 | 290 27 | 290 47 |
| Skardu | | | | 090 03 | /// // | 130 04 | 230 01 | 260 05 | 170 04 | 280 18 | ... |
| Sylhet | 230 03 | 240 06 | 270 08 | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi | 255 25 | 285 21 | 300 16 | 300 12 | 335 13 | 305 31 | 290 31 | 290 43 | 280 45 | 280 65 | 290 69 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 115 16 | 115 12 | 225 18 | 240 09 | 225 21 | 310 28 | 300 27 | 300 43 | 300 43 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

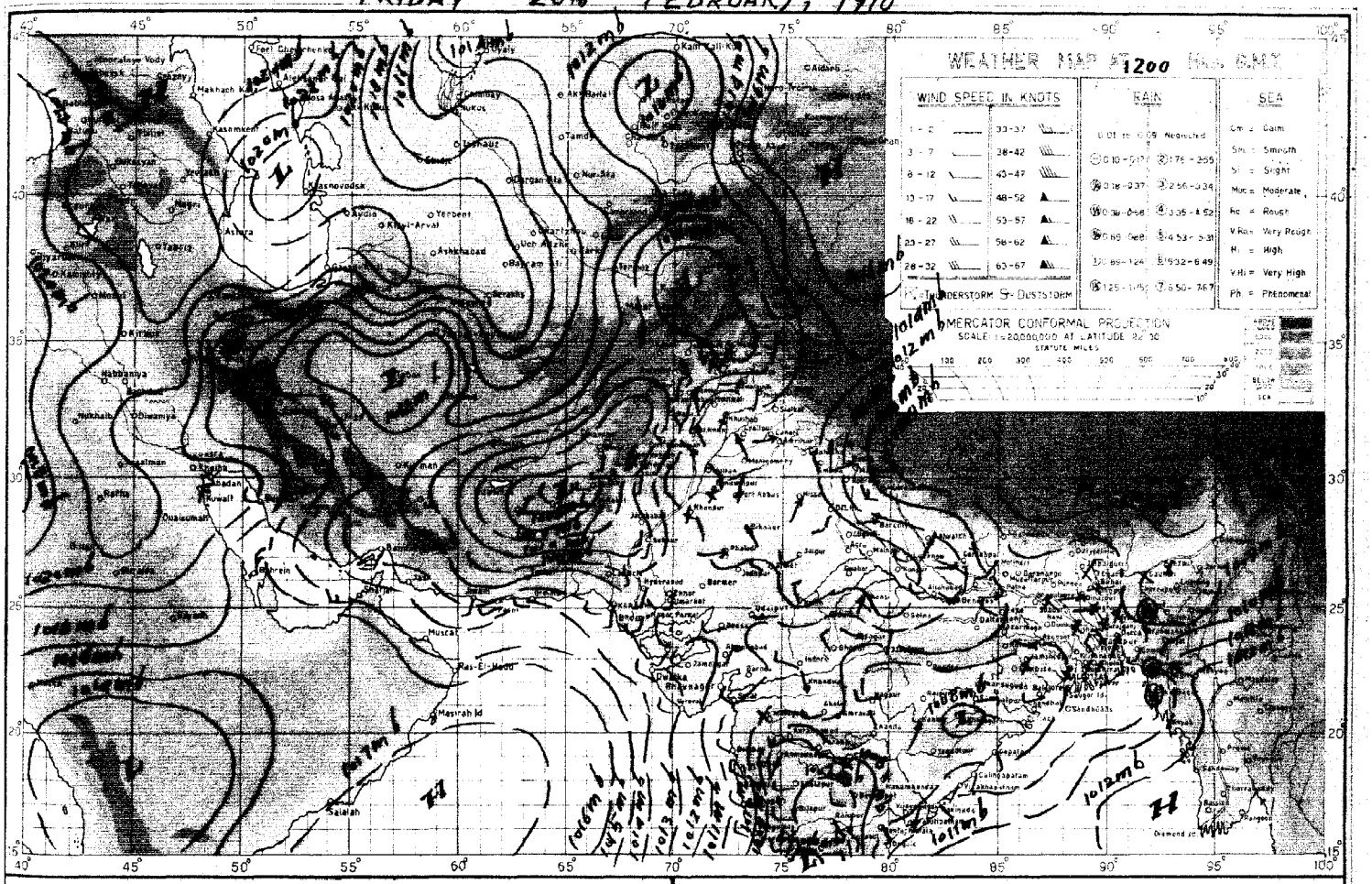
* The actual time of observations may vary within half an hour of the specified time.

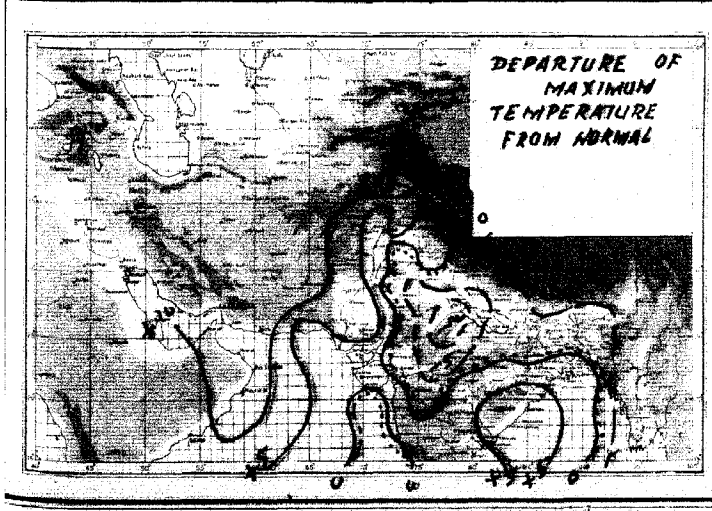
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "f" omitted.

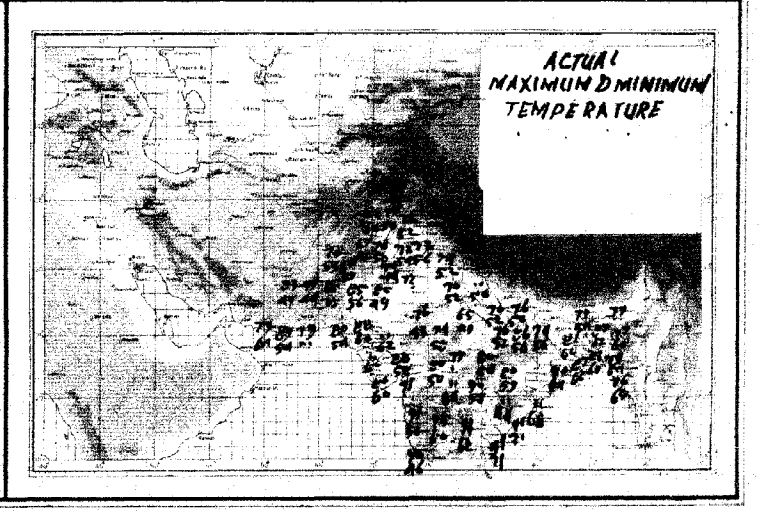
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre ! Air Port KARACHI—11

# PAKISTAN DAILY WEATHER MAP

FRIDAY 20th FEBRUARY, 1970



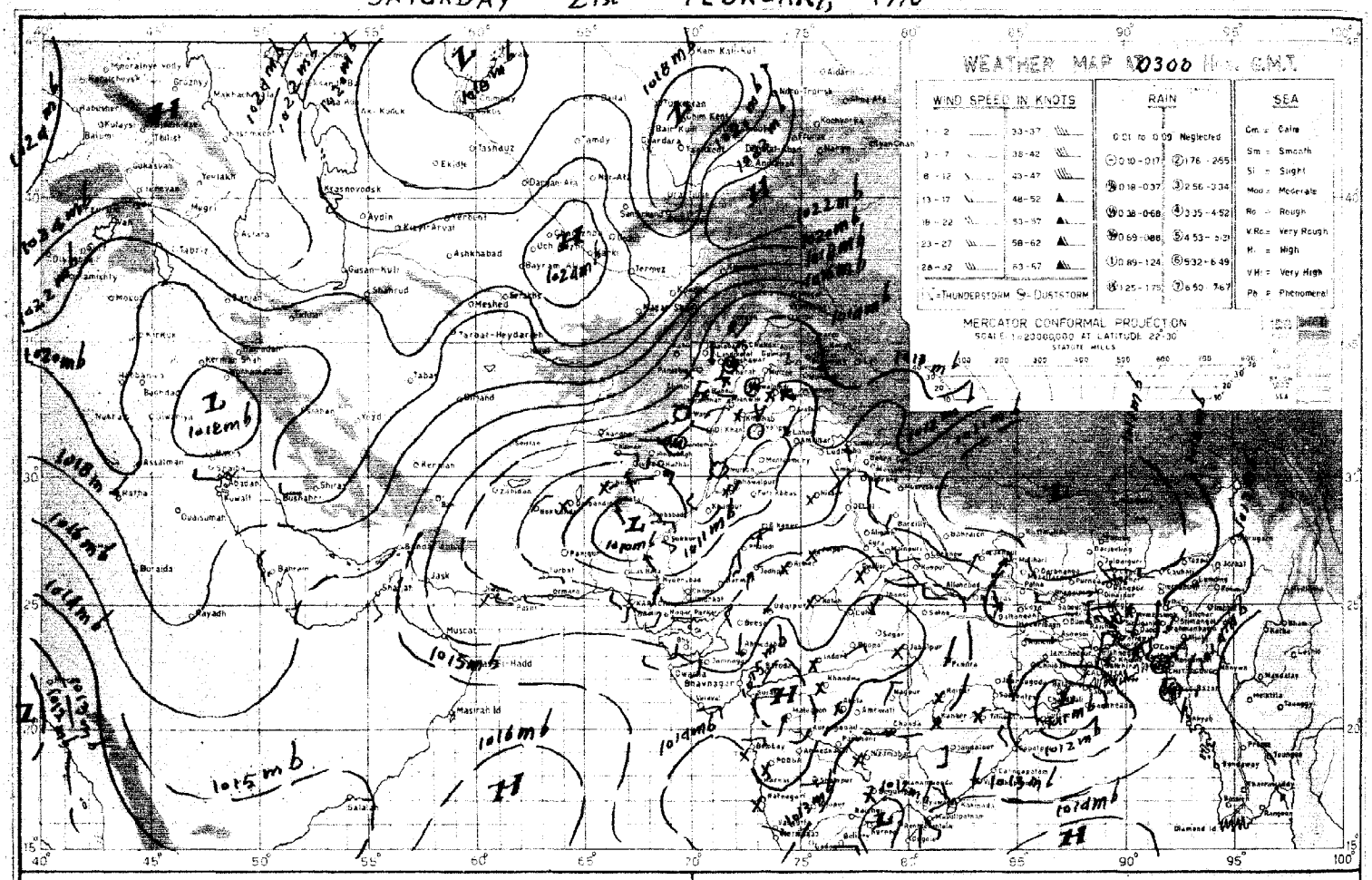



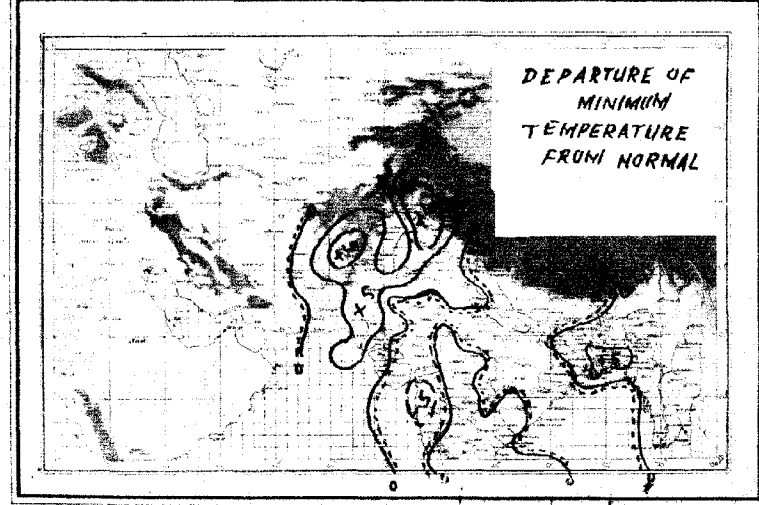



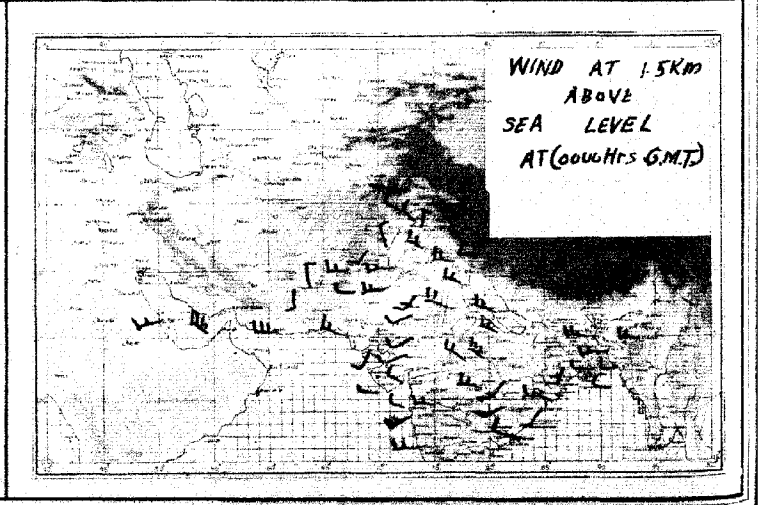

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SATURDAY 21st FEBRUARY, 1970

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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 22nd FEBRUARY 1970.**

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

Yesterday's western disturbance north of Peshawar division is moving away across north of Kashmir. It associated secondary lies over the northern division of west Pakistan. The system has caused local rain/thunderstorms and light rain at a few places in Lahore, Sargodha and Malakand divisions.

The westerly low pressure wave over Orissa is moving across head Bay of Bengal and adjoining Chittagong division. Under its influence scattered rain/thunder-showers occurred in Chittagong and Rajshahi divisions.

Weather remained dry elsewhere over the country.

Chief amounts of rainfall are Maijdee Court, Kakul 3/4" Jhelum and Rawalpindi ½" each, Pabna and Cherat ¼" each.

Night temperatures these were 3—9 °F (2—5 °C) above normal in the country outside Bahawalpur, Malakand, Peshawar and Kalat division where these were 3—4 °F (2 °C) below normal.

**Forecast valid until the evening of 23rd February 1970 :—**Local rain/thundesrhowers are likely to occur in Chittagong, Dacca, Peshawar, Rawalpindi divisions and Kashmir, and scattered in Malakand, Sargodha D. I. Khan, and Lahore divisions. Weather is likely to remain dry elsewhere over the countty.

Karachi-11
The 22nd February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 2 | 32 | 05 | 95 | 04 | 0 | 089 | 82 | 2 | 1 | 6 | 0 | 0 | 70 | 88 |
| | Cox's Bazar | 000 | 0 | 2 | 18 | 06 | // | 02 | 0 | 084 | 76 | 2 | 0 | 9 | 3 | 0 | 70 | 80 |
| | Chittagong | 000 | 0 | 0 | 20 | 03 | 96 | 02 | 0 | 082 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 80 |
| | Maijdee Court | 080 | 0 | 5 | 18 | 02 | 96 | 43 | 1 | 091 | 76 | 3 | 7 | 5 | 2 | 0 | 66 | 81 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 074 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 82 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 067 | 77 | 0 | 0 | 9 | 0 | 0 | 83 | 82 |
| | Sylhet | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 0 | 068 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 77 |
| | Srimangal | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 0 | 101 | 74 | 2 | 9 | 5 | 7 | 0 | 62 | 78 |
| Dacca | Mymensingh | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 083 | 76 | 2 | 5 | 7 | 0 | 0 | 60 | 90 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 070 | 78 | 0 | 0 | 9 | 0 | 0 | 65 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 071 | 77 | 1 | 1 | 5 | 0 | 0 | 62 | 80 |
| | Faridpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 1 | 111 | 76 | 1 | 5 | 6 | 0 | 0 | 62 | 85 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 095 | 80 | 0 | 0 | 9 | 0 | 0 | 77 | 88 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 070 | 78 | 0 | 0 | 9 | 0 | 0 | 65 | 85 |
| | Jessore | 000 | 0 | 1 | 00 | 00 | // | // | / | 071 | 78 | 0 | 4 | 4 | 0 | 0 | 62 | 80 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 070 | 76 | 0 | 0 | 9 | 0 | 0 | 60 | 78 |
| | Sirajganj | 080 | 0 | 2 | 22 | 03 | // | 01 | 2 | 072 | 76 | 2 | 1 | 5 | 0 | 0 | 58 | 78 |
| | Rajshahi | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 1 | 076 | 74 | 1 | 6 | 4 | 0 | 0 | 60 | 85 |
| | Bogra | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 1 | 069 | 74 | 2 | 4 | 4 | 6 | 0 | 59 | 78 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 1 | 069 | 74 | 0 | 0 | 9 | 0 | 0 | 62 | 78 |
| | Rangpur | 000 | 0 | 5 | 27 | 02 | 96 | 03 | 1 | 093 | 65 | 2 | 2 | 6 | 2 | 0 | 60 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 7 | 3 | 00 | 00 | 96 | 01 | 9 | 079 | 66 | 2 | 0 | 9 | 3 | / | 51 | 70 |
| | Sialkot | 000 | 0 | 0 | 30 | 18 | 90 | 00 | 0 | 130 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| Rawalpindi | Jhelum | 003 | 7 | 5 | 18 | 02 | 97 | 01 | 6 | 077 | 66 | 1 | 5 | 6 | 7 | 0 | 51 | 66 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 034 | 6 | 6 | 09 | 02 | 98 | 01 | 6 | 138 | 58 | 6 | 0 | 9 | 7 | 0 | 49 | 58 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 6 | 18 | 11 | 96 | 02 | 2 | 064 | 70 | 5 | 4 | 8 | 2 | 0 | 62 | 74 |
| | Sargodha | 000 | 0 | 3 | 13 | 03 | 97 | 01 | 0 | 068 | 72 | 3 | 2 | 6 | 0 | 0 | 51 | 73 |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 061 | 70 | 0 | 8 | 9 | 0 | 0 | 51 | 78 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 060 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 77 |
| | Leiah | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 2 | 124 | 80 | 0 | 0 | 9 | 0 | 3 | 48 | 80 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 23 | 14 | 97 | 02 | / | 056 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 85 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 152 | 76 | 0 | 0 | 9 | 0 | 0 | 48 | 78 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdra | | | | | | | | | | | | | | | | | |
| Peshawar | Peshawar | 000 | 8 | 6 | 11 | 03 | 97 | 01 | 2 | 070 | 62 | 3 | 2 | 6 | 6 | 0 | 53 | 64 |
| | Haripur | 002 | 8 | 8 | 30 | 06 | 96 | 00 | 6 | 078 | 68 | 8 | 5 | 6 | 0 | 0 | 49 | 72 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 05 | 02 | 99 | 05 | 2 | 036 | 72 | 3 | 1 | 8 | 0 | 0 | 34 | 74 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 057 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 76 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 064 | 86 | 0 | 0 | 9 | 0 | 0 | 56 | 87 |
| | Nokkundi | 000 | 0 | 0 | 31 | 07 | 96 | 02 | 0 | 080 | 78 | 0 | 0 | 9 | 0 | 0 | 37 | 80 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 113 | 89 | 0 | 0 | 9 | 0 | 0 | 42 | 98 |
| | Jiwani | 000 | 0 | 2 | 27 | 09 | 96 | 02 | 0 | 098 | 76 | 0 | 0 | 9 | 0 | 1 | 64 | 79 |
| | Pasni | 000 | 0 | 0 | 25 | 22 | 95 | 00 | 0 | 100 | 78 | 0 | 0 | 9 | 0 | 0 | 74 | 81 |
| Karachi division | Ormara | 000 | 0 | 1 | 26 | 16 | 96 | 02 | 2 | 100 | 75 | 1 | 6 | 6 | 0 | 0 | 72 | 78 |
| | Lasbela | 000 | 0 | 2 | 13 | 02 | 98 | 05 | 0 | 077 | 91 | 0 | 0 | 8 | 0 | 0 | 63 | 92 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 07 | 97 | 02 | 0 | 089 | 75 | 0 | 0 | 9 | 0 | 0 | 70 | 79 |
| | Karachi (Airport) | 000 | 0 | 2 | 27 | 03 | 94 | 02 | 0 | 085 | 80 | 0 | 0 | 9 | 0 | 1 | 61 | 83 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 85 | 6 | 4 | 6 | 0 | 0 | 84 | 91 |
| | Chhor | 000 | 0 | 3 | 27 | 03 | 96 | 01 | 2 | 065 | 89 | / | / | / | / | / | 53 | 90 |
| | Hyderabad | 000 | 0 | 3 | 23 | 03 | 97 | 01 | 1 | 069 | 91 | 0 | 0 | 9 | 0 | 1 | 53 | 95 |
| | Badin | 000 | 0 | 0 | 23 | 10 | 97 | 02 | 0 | 179 | 87 | 0 | 0 | 9 | 0 | 0 | 59 | 90 |
| Khairpur | Padidan | 000 | 0 | 2 | 18 | 03 | 97 | 01 | 0 | 041 | 87 | 0 | 0 | 9 | 0 | 0 | 39 | 89 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 067 | 90 | 0 | 0 | 9 | 0 | 0 | 47 | 91 |
| | Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 058 | 88 | 0 | 0 | 9 | 0 | 0 | 54 | 89 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 002 | 2 | 7 | 33 | 05 | 96 | 50 | 6 | 431 | 48 | 7 | 6 | 6 | 0 | 0 | 38 | 55 |
| Peshawar | Cherat * | 000 | 1 | 8 | 00 | 00 | 96 | 03 | 4 | 432 | 49 | 9 | 9 | 0 | 0 | 0 | 48 | 49 |
| | Kakul * | 020 | 6 | 8 | 00 | 00 | 96 | 60 | 6 | 436 | 48 | 5 | 7 | 5 | 2 | 1 | 42 | 49 |
| | Landikotal * | 000 | 0 | 4 | 31 | 00 | 98 | 01 | 4 | 437 | 66 | 4 | 3 | 9 | 0 | 0 | 49 | 60 |
| | Parachinar * | 000 | 0 | 3 | 16 | 09 | 98 | 02 | 1 | 428 | 55 | 5 | 4 | 6 | 0 | 0 | 34 | 58 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 536 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 70 |
| | Wana * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 000 | 0 | 5 | 31 | 05 | 97 | 02 | 2 | 441 | 62 | 5 | 4 | 7 | 0 | 0 | 31 | 65 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 31 | 97 | 05 | 0 | /// | 60 | 0 | 0 | 9 | 0 | 0 | 20 | 83 |
| | Loralai * | 000 | 0 | 8 | 17 | 12 | 97 | 01 | 0 | 445 | 45 | 0 | 1 | 9 | 0 | 0 | 35 | // |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 434 | 72 | 0 | 0 | 9 | 0 | 9 | 15 | 71 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 06 | 95 | 05 | 0 | 473 | 60 | 1 | 0 | 9 | 3 | 0 | 30 | 63 |
| | Chaman * | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 480 | 64 | 0 | 0 | 9 | 0 | 0 | 34 | 66 |
| | Nushki * | 000 | 0 | 0 | 31 | 05 | 95 | 05 | 0 | 530 | 71 | 0 | 0 | 9 | 0 | 0 | 33 | 74 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 08 | 95 | 05 | 0 | 487 | 75 | 0 | 0 | 9 | 0 | 0 | 26 | 79 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 478 | 53 | 0 | 0 | 9 | 0 | 0 | 13 | 82 |
| | Khuzdar * | 000 | 0 | 0 | 31 | 03 | 97 | 01 | 0 | 462 | 72 | 0 | 0 | 9 | 0 | 0 | 18 | 74 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in konts ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Departure from Normal of: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 005 | 4 | 4 | 31 | 02 | 97 | 02 | 9 | 131 | 75 | 3 | 4 | 6 | 3 | 0 | 66 | 66 | — | — | 2.3 | — | 0.7 | — |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | 140 |
| | Chittagong | 005 | 4 | 3 | 09 | 04 | 97 | 02 | 9 | 112 | 73 | 1 | 1 | 5 | 3 | 0 | 66 | 66 | — 1 | + 5 | 1.8 | — 2.2 | 0.6 | 108 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 110 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 66 | — 2 | + 6 | — | — | — | 94 |
| | Brahmanbaria | 000 | 0 | 6 | 36 | 02 | 97 | 00 | 0 | 110 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 62 | — | — | 2.1 | — 0.3 | 0.8 | 78 |
| | Sylhet | 000 | 0 | 2 | 09 | 05 | 96 | 01 | 2 | 108 | 69 | 2 | 0 | 9 | 4 | 0 | 62 | 60 | — | — | 4.9 | — | 3.3 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 129 | 70 | 0 | 0 | 9 | 0 | 0 | 64 | 58 | — 5 | + 4 | 3.1 | — 0.1 | 1.6 | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 129 | 69 | 0 | 0 | 9 | 0 | 0 | 58 | 60 | + 9 | + 2 | 1.5 | — 0.4 | 1.2 | 91 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 114 | 77 | 0 | 0 | 9 | 0 | 0 | 50 | 64 | — 2 | + 3 | 2.7 | + 0.3 | 1.3 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 05 | 02 | 96 | 01 | 0 | 106 | 69 | 0 | 0 | 9 | 0 | 0 | 59 | 62 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 144 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | + 3 | + 4 | 2.9 | + 0.3 | 1.3 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 108 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 66 | | + 4 | 2.5 | — 0.3 | 0.9 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 114 | 77 | 0 | 0 | 9 | 0 | 0 | 68 | 64 | + 3 | + 3 | 4.7 | — 0.8 | 0.4 | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 123 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | 64 | — 1 | + 4 | 0.5 | — 1.7 | 0.2 | 68 |
| | Jessore | 000 | 0 | 3 | 06 | 03 | 97 | 02 | 0 | 112 | 69 | 2 | 0 | 9 | 4 | 0 | 59 | 60 | — | — | — | | — | 65 |
| Rajshahi | Pabna | 026 | 0 | 0 | 30 | 00 | 90 | 02 | 0 | 105 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — | — | 3.4 | — | 2.4 | 59 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 58 | 00 | 0 | 106 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — 4 | + 2 | 2.1 | + 0.3 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 114 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 60 | + 3 | + 4 | 4.1 | + 2.5 | 1.2 | — |
| | Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 108 | 69 | 0 | 0 | 9 | 0 | 0 | 59 | 59 | — 5 | + 3 | — | — | — | 69 |
| | Dinajpur | 000 | 0 | 0 | 18 | 02 | 96 | 00 | 0 | 107 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — 3 | — | — | — | — | 73 |
| | Rangpur | 000 | 0 | 0 | 09 | 05 | 96 | 01 | 0 | 136 | 66 | 0 | 0 | 9 | 0 | 0 | 60 | 54 | — 2 | 0 | 2.5 | + 1.1 | 1.0 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 9 | 0 | 03 | 03 | 96 | 02 | 9 | 086 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 52 | — 5 | + 6 | 0.8 | — 1.6 | 0.8 | 19 |
| | Sialkot | 000 | 0 | 0 | 20 | 05 | 97 | 00 | 0 | 092 | 54 | 0 | 0 | 9 | 0 | 0 | 46 | // | + 4 | // | 1.8 | — 2.4 | 1.7 | 32 |
| Rawalpindi | Jhelum | 039 | 7 | 6 | 00 | 00 | 96 | 27 | 9 | 043 | 52 | 3 | 9 | 6 | 3 | 0 | 49 | 49 | — | — | 2.2 | — | 2.1 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 045 | 1 | 7 | 00 | 00 | 97 | 02 | 6 | 090 | 50 | 7 | 5 | 6 | 0 | 0 | 49 | 49 | — 9 | + 6 | 3.6 | — 2.3 | 3.5 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 114 | 54 | 0 | 0 | 9 | 0 | 0 | // | 52 | + 1 | + 3 | 0.3 | — 1.8 | 0.3 | 15 |
| | Sargodha | 000 | 0 | 1 | 09 | 03 | 47 | 01 | 1 | 084 | 54 | 1 | 2 | 6 | 0 | 0 | 49 | 52 | — | — | 0.5 | — | 0.4 | — |
| | Lyallpur | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 088 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 49 | — 4 | + 3 | 0.5 | — 0.6 | 0.5 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 5 | 05 | 03 | 96 | 03 | 0 | 070 | 56 | 0 | 0 | 9 | 0 | 4 | 52 | 54 | + 2 | + 5 | 0.2 | — 0.8 | 0.2 | 7 |
| | Leiah | 000 | 0 | 0 | 36 | 00 | 92 | 00 | 0 | 098 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 072 | 56 | 2 | 0 | 9 | 3 | 2 | 40 | 46 | + 5 | — 3 | 0.7 | — 0.1 | 0.4 | 6 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 95 | 00 | 0 | 150 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — 1 | + 8 | 0.0 | — 0.6 | 0.0 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 210 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | | | — | — | — | 8 |
| Malakand | Chakdra | | | | | | | | | | | | | | | | | | | | | | | — |
| Peshawar | Peshawar | 000 | 2 | 9 | 00 | 00 | 93 | 43 | 4 | 080 | 50 | 9 | / | / | / | / | 50 | 46 | — 4 | 0 | 1.6 | — 2.0 | 1.1 | 11 |
| | Haripur | 001 | 8 | 0 | 07 | 03 | 98 | 00 | 6 | 008 | 45 | 0 | 0 | 9 | 0 | 0 | 43 | 45 | — | — | 3.3 | — | 2.4 | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 31 | 01 | 99 | 00 | 1 | 083 | 50 | 0 | 0 | 9 | 0 | 0 | 46 | 49 | — | — | — | — | — | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 089 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | + 2 | + 5 | 1.2 | — 0.3 | 1.2 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 36 | 08 | 96 | 03 | 1 | 092 | 58 | 4 | 2 | 7 | 4 | 2 | 48 | 56 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 0 | 03 | 02 | 96 | 02 | 0 | 135 | 51 | 0 | 0 | 9 | 0 | 0 | 38 | 50 | — | — | 1.7 | — | 1.7 | 8 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 133 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 64 | — | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 102 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | 65 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 102 | 62 | 0 | 0 | 9 | 0 | 0 | 62 | 54 | + 2 | — 4 | 3.5 | — 1.7 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 08 | 95 | 10 | 1 | 104 | 67 | 0 | 0 | 9 | 0 | 0 | 67 | // | — | — | 2.3 | — 1.5 | 2.3 | 6 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 2 | 27 | 05 | 96 | 01 | 0 | 087 | 72 | 2 | 0 | 9 | 5 | 0 | 69 | 71 | 0 | + 8 | 0.3 | — 0.8 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 092 | 70 | 0 | 0 | 9 | 0 | 0 | 67 | 63 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 3 | 05 | 02 | 96 | 02 | 0 | 143 | 65 | 6 | 6 | 6 | 0 | 0 | 69 | 69 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 081 | 64 | 0 | 0 | 9 | 0 | 0 | 61 | 61 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 96 | 10 | 0 | 090 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | 65 | + 12 | + 8 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 111 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 66 | + 5 | + 9 | 0.1 | — 0.6 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 083 | 56 | 0 | 0 | 9 | 0 | 0 | 50 | 54 | — | — | 0.1 | — | 0.1 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 089 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 55 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 2 | 0 | 13 | 02 | 95 | 05 | 0 | 077 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 60 | | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 2 | 09 | 02 | 96 | 03 | 0 | 073 | 63 | 2 | 0 | 9 | 3 | 0 | 93 | 59 | + 9 | + 6 | 0.2 | — 0.5 | 0.1 | 4 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 86 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Malakand | Drosh * | 000 | 9 | 3 | 00 | 00 | 98 | 02 | 9 | 436 | 36 | 1 | 0 | 9 | 4 | 4 | 32 | 35 | + 4 | 0 | — | — | — | 10 |
| Peshawar | Cherat * | 015 | 4 | 0 | 00 | 00 | 98 | 02 | 6 | 244 | 43 | 0 | 0 | 9 | 0 | 0 | 41 | 40 | — 7 | — 3 | 2.6 | — 4.7 | 2.0 | 29 |
| | Kakul * | 079 | 1 | 5 | 09 | 03 | 97 | 03 | 6 | 062 | 47 | 3 | 4 | 4 | 2 | 0 | 40 | 35 | — | — | 6.2 | — | 5.2 | — |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 4 | 620 | 50 | 0 | 0 | 9 | 0 | 0 | 16 | 33 | — | — | 0.9 | — | 0.2 | — |
| | Parachinar * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 441 | 40 | 0 | 0 | 9 | 0 | 0 | 40 | 34 | + 6 | + 2 | 2.3 | — | 1.7 | 19 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 03 | 05 | 99 | 00 | 0 | 519 | 45 | 0 | 0 | 9 | 0 | 0 | 36 | 40 | — | — | 0.0 | — 3.1 | 0.0 | 13 |
| | Wana * | | | | | | | | | | | | | | | | | | | | | | | 11 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 1 | 451 | 45 | 0 | 0 | 9 | 0 | 1 | 21 | 41 | + 6 | + 4 | 0.8 | — 1.5 | 0.8 | 13 |
| | Hindubagh * | 010 | 0 | 0 | 23 | 19 | 95 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 01 | // | — | — | 1.2 | — | 1.0 | — |
| | Loralai * | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 0 | 470 | 38 | 0 | 0 | 9 | 0 | 0 | 28 | 37 | — | — | 0.3 | — | 0.3 | 9 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 406 | 61 | 0 | 0 | 9 | 0 | 0 | // | 52 | — | — | 0.7 | — 2.3 | 0.7 | 14 |
| | Samungli (Quetta) * | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 520 | 37 | 2 | 0 | 9 | 0 | 1 | 27 | 35 | — | — | 1.9 | — 2.9 | 1.2 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 09 | 0 | 491 | 50 | 0 | 0 | 9 | 0 | 0 | 42 | 48 | + 6 | + 9 | 7.7 | + 3.0 | 7.7 | 9 |
| | Nushki * | 000 | 8 | 0 | 00 | 00 | 95 | 05 | 0 | 531 | 53 | 0 | 0 | 9 | 0 | 0 | 19 | 51 | — | — | 3.0 | — | 2.9 | — |
| | Dalbandin * | 000 | 0 | 4 | 00 | 00 | 95 | 05 | 0 | 443 | 45 | 4 | 0 | 9 | 3 | 0 | 26 | 43 | + 8 | + 2 | 2.3 | — 0.2 | 2.2 | 4 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 499 | 36 | 0 | 0 | 9 | 0 | 0 | 23 | 33 | + 7 | 0 | 0.9 | — 2.7 | 0.9 | 7 |
| | Khuzdar * | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 459 | 57 | 0 | 0 | 9 | 0 | 0 | 21 | 55 | — | — | 1.0 | — | 0.7 | — |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | 5 |

† Given in Code.

* These stations reports for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 990 is given RRR see the summary above for the actual amounts of rainfall

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 22nd FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_a L_a L_a$ | $Q_c L_o L_o L_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_h C_L h C_M C_H$ | $D_s V_s$ a PP | 7RR $t_R t_R t_R t_R$ | 8$N_s Ch_s h_s$ | $OT_s T_s T_d T_d$ | 1$T_w T_w T_{wc} T$ | 3$P_w P_w H_w H_w$ | d $d_w P_w H_w H$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Dawarka | 99 2 99 | 10 6 32 | 21 1 23 | 22 3 10 | 99 0 20 | 13 2 24 | 23 4 00 | 23 6 10 | | | 01 0 20 | | 30 2 02 | |
| Dawarka | 99 2 47 | 10 6 42 | 21 0 03 | 22 6 13 | 99 0 20 | 13 8 23 | 22 4 00 | 23 6 05 | | | 09 0 98 | | 30 2 02 | |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G.M.T. | Surface $P_o P_o P_o$ $T_o T_o T_o$ $D_o D_o$ | 1000 mb hhh TTT$_a$ DD | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 005 210 16 | ... | 410 114 37 | 055 016 56 | 689 129 57 | 735 243 47 | 934 405 / / | 203 573 / / | 388 693 // | ... | ... | ... | ... |
| Dacca | 00 00 | 007 192 43 | ... | 400 100 49 | 070 000 59 | 553 147 65 | 728 281 62 | 928 427 / / | 209 535 / / | 375 605 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 065 204 21 | ... | 450 108 40 | 126 020 / / | 573 191 // | 736 281 / / | 938 361 / / | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 913 130 20 | ... | 415 120 79 | 014 015 / / | 559 211 / / | 719 305 / / | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 964 082 10 | ... | 439 022 30 | 922 069 37 | 545 255 // | 032 355 / / | 981 465 / / | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 985 110 30 | ... | 450 100 35 | 038 011 30 | 566 115 / / | 734 201 / / | 941 341 / / | 214 435 / / | 410 501 / / | ... | ... | ... | ... |

At Significant Levels.

| STATION | Time of ascent in G.M.T. | PPP TT $T_s$ DD | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_c T_c P_c T_c T_c T_{as}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 800 082 53 | 600 069 57 | 350 311 50 | 200 573 / / | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 134 49 | 800 050 50 | 600 091 64 | 380 355 63 | 250 264 48 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 240 03 | 230 04 | 240 08 | 265 52 | 205 27 | 260 27 | 282 31 | 285 31 | ... | 085 12 | 290 06 | 275 05 | 260 19 | 260 53 | 265 25 |
| Bogra | 275 11 | 280 10 | 265 11 | 245 15 | 230 17 | 270 32 | ... | ... | ... | 270 06 | 270 07 | 275 15 | 270 14 | 265 19 | 255 23 |
| Chaklala | ... | 085 08 | 125 09 | 185 04 | 280 06 | ... | ... | ... | ... | ... | 105 03 | 140 08 | 220 09 | ... | ... |
| Chhor | 230 86 | 245 05 | 285 06 | 310 07 | 310 09 | 310 02 | ... | ... | ... | 275 22 | 290 15 | 275 11 | 290 18 | 290 14 | 335 17 |
| Chittagong | 210 10 | 210 10 | 230 13 | 245 18 | 260 30 | 260 28 | 245 42 | 255 60 | 350 76 | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 195 04 | 205 03 | 235 01 | 290 04 | 280 10 | 285 11 | ... | ... | ... | 200 18 | 210 19 | 235 23 | 245 23 | 255 27 | ... |
| Dacca | 265 04 | 225 08 | 235 09 | 235 12 | 260 22 | 270 29 | 260 28 | 260 42 | 250 40 | 360 10 | 300 10 | 250 11 | /// // | 290 25 | /// // |
| Dalbandin | ... | ... | 065 04 | 090 04 | 190 04 | 310 12 | 309 32 | 305 49 | 295 57 | ... | ... | 075 07 | 355 07 | 315 15 | 255 27 |
| D. I. Khan | 155 05 | 135 06 | 125 05 | 255 04 | 285 20 | 295 23 | 290 35 | 295 34 | 295 38 | 130 03 | 200 01 | 260 02 | 305 03 | 330 03 | 345 03 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 01 | 340 11 | 335 01 |
| Port Sandeman | ... | ... | ... | 305 11 | 295 17 | 240 18 | 240 23 | ... | ... | ... | ... | ... | 240 06 | 060 12 | 285 30 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 265 04 | 250 05 | 250 07 | 250 16 | 250 19 | ... | ... | ... | ... | 340 10 | 335 08 | 290 09 | 275 14 | 270 20 | 280 31 |
| Jacobabad | 265 06 | 260 06 | 260 07 | 266 09 | 300 19 | 280 37 | 305 5 | ... | ... | 345 17 | 330 17 | 305 16 | 270 15 | 285 17 | ... |
| Jessore | 235 01 | 225 03 | 220 03 | 210 05 | 255 15 | 275 55 | ... | ... | ... | 355 12 | 345 08 | 320 08 | 280 08 | 225 26 | 320 21 |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | 100 04 | 095 05 | 185 05 | 280 12 | 310 17 | 325 19 |
| Jiwani | 245 10 | 225 04 | 245 02 | 335 05 | 325 16 | 300 22 | 305 30 | 290 34 | 295 39 | 295 11 | 290 12 | 275 08 | 295 04 | 295 04 | 275 15 |
| Karachi | 275 29 | 270 16 | 265 13 | 270 06 | 305 07 | 285 22 | 295 37 | 295 42 | 305 43 | ... | ... | ... | ... | ... | ... |
| Khanpur | 330 03 | 305 03 | 305 05 | 280 08 | 275 13 | 240 17 | 285 30 | 295 41 | 300 45 | 290 12 | 290 12 | 275 13 | 250 15 | 330 16 | 270 10 |
| Khuzdar | ... | ... | ... | 315 10 | 290 07 | 275 25 | 295 41 | 285 50 | 285 50 | ... | ... | ... | 320 12 | 315 33 | ... |
| Lahore | 075 06 | 120 06 | 175 05 | 225 08 | 260 15 | 285 26 | ... | ... | ... | 030 09 | 005 10 | 060 03 | 180 07 | 240 06 | ... |
| Multan | 085 08 | 090 07 | 090 08 | 230 05 | 285 19 | 285 16 | 290 52 | 305 43 | ... | 175 11 | 210 10 | 245 18 | 270 08 | 300 11 | 325 14 |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 310 04 | 290 05 | 270 08 | 280 15 | 305 42 | 295 64 | 290 54 | ... | ... | 180 07 | 290 04 | 230 05 | 265 16 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 080 08 | 075 06 | 195 04 | 230 07 | 260 16 | ... | ... | ... | ... | 325 02 | 295 04 | 290 04 | 290 03 | 290 04 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 310 02 | 360 03 | ... |
| Quetta | ... | ... | ... | ... | 305 17 | 330 08 | 325 11 | ... | ... | ... | ... | ... | /// // | 300 05 | 275 13 |
| Sargodha | 235 03 | 155 01 | 145 02 | 315 03 | ... | ... | ... | ... | ... | 095 10 | 145 10 | 170 05 | /// // | 255 08 | /// // |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 290 12 | 260 11 | 245 13 | 220 31 | 225 31 | 230 24 | 250 41 | ... | ... | 210 01 | 260 02 | 280 05 | 280 15 | 265 32 | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 025 05 | 270 04 | 270 08 | 280 20 | 270 23 | 260 36 | 265 52 | 245 57 | ... | ... | ... |
| Bogra | 295 03 | 295 06 | 295 06 | 260 20 | 280 20 | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 125 06 | 135 07 | 160 09 | 295 09 | ... | ... | ... | ... | ... | ... |
| Chhor | 260 06 | 300 05 | 310 07 | 290 07 | 300 14 | 300 29 | 295 25 | 295 49 | ... | ... | ... |
| Chittagong | 130 04 | 210 05 | 210 06 | 250 11 | 260 21 | 255 42 | 245 41 | 235 41 | 240 43 | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 115 06 | 185 05 | 230 05 | 290 20 | 285 40 | 290 44 | ... | ... | ... | ... | ... |
| Dacca | 255 01 | 265 06 | 270 08 | 270 14 | 250 26 | 270 45 | 265 43 | 260 54 | 260 84 | 270 77 | 255 91 |
| Dalbandin | ... | ... | 075 11 | 075 14 | 095 05 | 275 17 | 275 32 | ... | ... | ... | ... |
| D. I. Khan | 095 08 | 110 10 | 130 09 | 325 06 | 295 29 | 300 23 | 320 14 | 310 20 | 285 28 | 280 40 | 315 68 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Port Sandeman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 295 06 | 265 11 | 265 18 | 255 15 | 270 23 | 270 23 | ... | ... | ... | ... | ... |
| Jacobabad | 360 14 | 320 11 | 285 10 | 240 12 | 280 25 | 310 37 | ... | ... | ... | ... | ... |
| Jessore | 315 05 | 315 08 | 275 07 | 280 13 | 285 21 | 265 33 | 260 35 | ... | ... | ... | ... |
| Jhelum | 120 10 | 110 11 | 110 12 | 200 10 | 335 13 | 285 13 | 295 31 | ... | ... | ... | ... |
| Jiwani | 240 03 | 240 03 | 240 03 | 265 08 | 300 14 | 310 17 | 285 33 | 290 45 | 285 42 | 280 45 | 270 45 |
| Karachi | 315 06 | 330 05 | 335 06 | 270 10 | 295 08 | 300 09 | 300 17 | 280 21 | 280 36 | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 095 08 | 095 12 | 145 11 | 240 09 | 310 10 | 260 16 | 285 29 | 285 33 | 285 48 | 290 55 | 290 77 |
| Multan | 075 04 | 010 08 | 040 09 | 040 09 | 020 18 | 230 06 | 245 32 | 300 59 | 300 07 | 315 92 | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 140 09 | 165 06 | 240 10 | 245 17 | 275 96 | 330 11 | 345 10 | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 010 03 | 235 02 | 265 06 | 260 10 | 275 12 | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | /// // | /// // | /// // | /// // | 295 07 | 325 07 | 355 15 | 310 18 | 320 21 | ... | ... |
| Sargodha | ... | 075 04 | 140 06 | 335 04 | 300 19 | 280 18 | 275 39 | 280 38 | 300 51 | 300 50 | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 155 05 | 185 03 | 260 06 | 250 17 | 250 27 | 260 31 | 265 39 | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 278 15 | 240 20 | 280 20 | 305 18 | 325 15 | 290 19 | 300 32 | 300 42 | 300 45 | 295 66 | 280 96 | ... | ... | ... | ... | ... | ... | ... |
| Multan | 175 11 | 210 10 | 245 18 | 270 08 | 300 11 | 275 14 | 320 22 | 310 23 | 310 14 | 310 43 | 315 75 | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres,

TT—Dry Bulb temperatures in °C

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

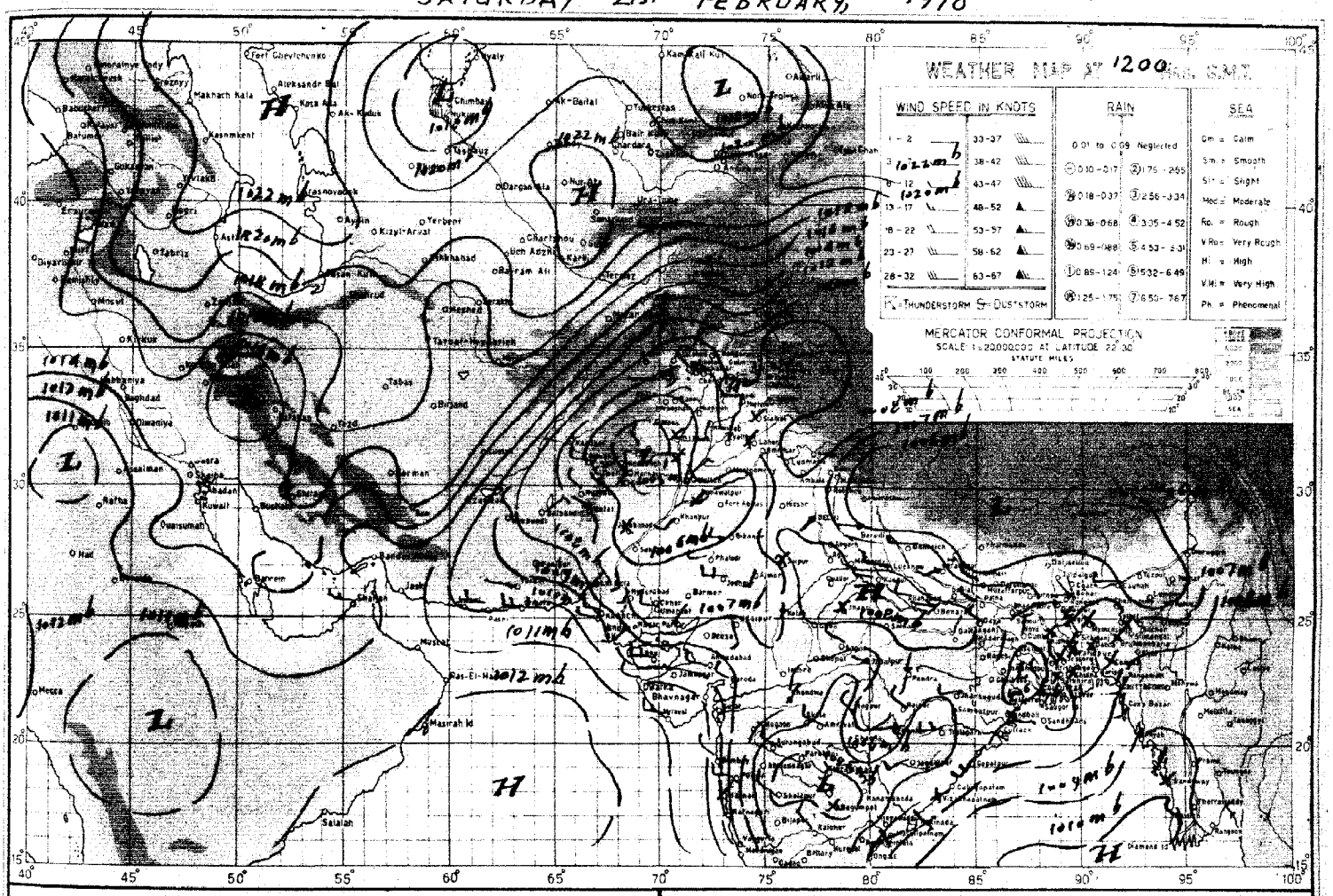
† The actual time of observations may vary within half an hour of the specified time.

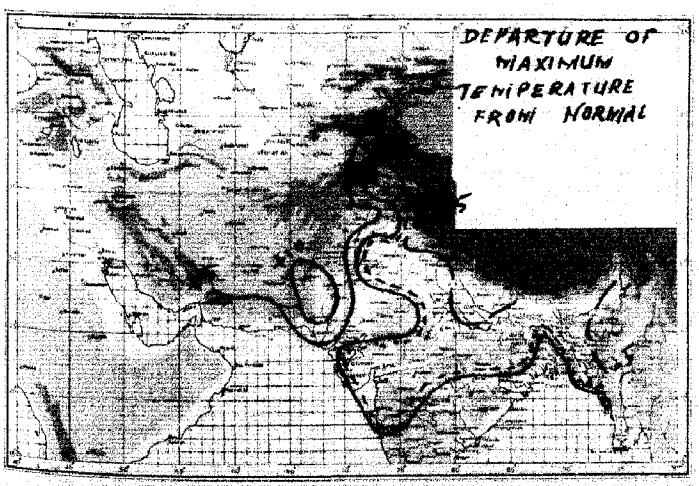
* The first two figures in each column give the wind direction "dd" in nearest degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

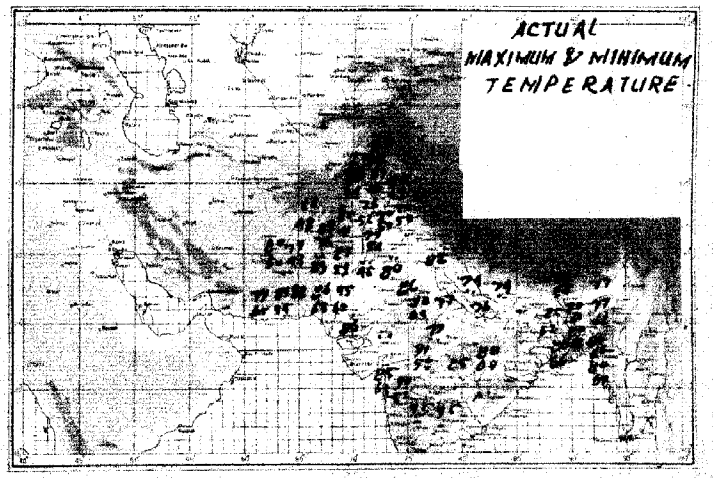
The accuracy of individual entries in this report cannot be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre / Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SATURDAY 21ST FEBRUARY, 1970



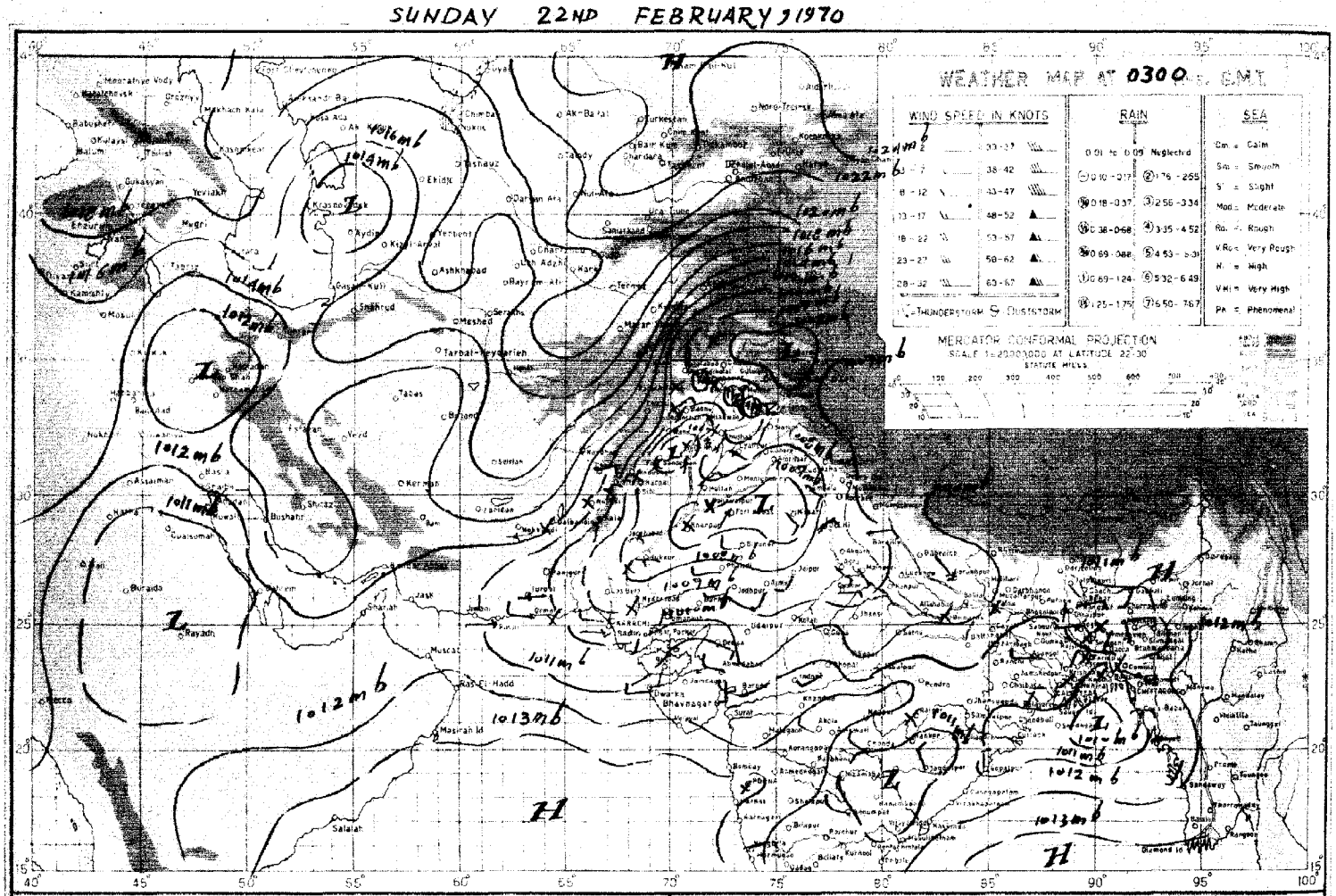



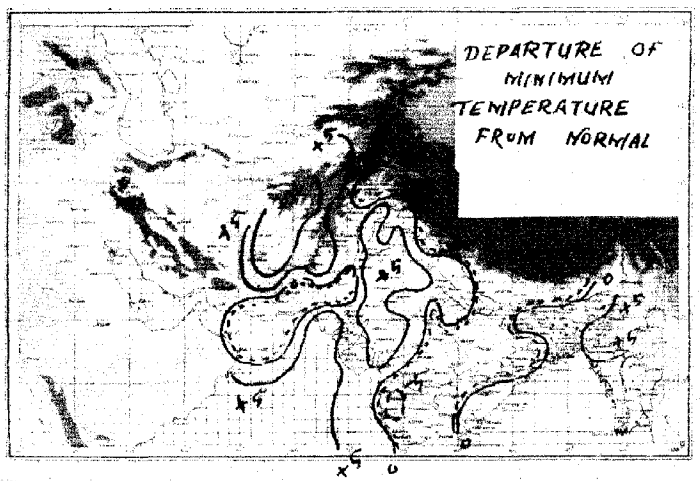



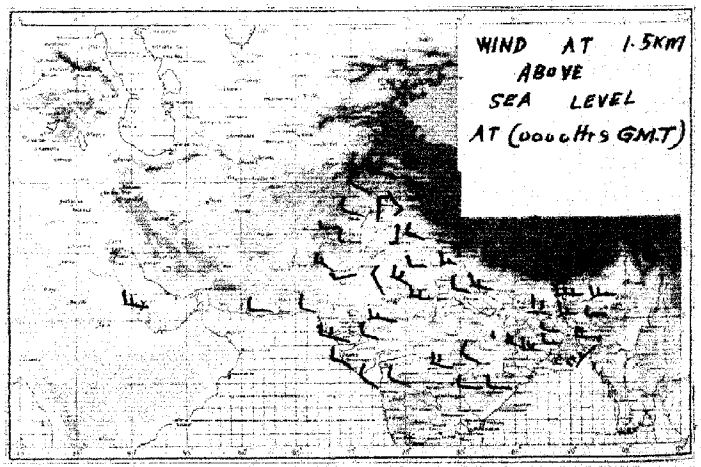

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 22ND FEBRUARY, 1970



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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 23rd FEBRUARY 1970.**

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

Yesterday's secondary western disturbance over the northern divisions of west Pakistan moved away northeastwards.

The fresh western disturbance that lay over southeast Iran and adjoining Quetta division last evening is now moving across Quetta division with its trough extending to Afghanistan under its influence scattered rain/thundershowers have occurred in Rawalpindi and Peshawar divisions and a few falls of light rain/drizzle in D. I. Khan, Quetta, Kalat division Rawalpindi, Haripur recorded ¼" rainfall each.

Yesterday's westerly low pressure wave over head Bay of Bengal is now moving away across southern districts of Chittagong division. A fresh westerly low pressure lies over Orissa and adjoining west Bengal. A few thunderstorms or light showers have occurred in Chittagong division. Weather remained dry elsewhere over the country.

Night temperatures were 9—13 °F (5—7 °C) above normal in Dacca, Khulna and Hyderabad divisions 3—8 °F (2—4 °C) so elsewhere in the country outside Malakand, D. I. Khan and Karachi division where these were nearly normal.

**Forecast valid until the evening of 24th February 1970 :-** Local rain/thundershowers on likely to occur in East Pakistan outside Rajshahi division accompanied by squely winds and in Quetta, D. I. Khan, Peshawar, Malakand, Rawalpindi division and Kashmir and scattered elsewhere over the countty outside Karachi and Hyderabad division where weather is likely to be mainly dry.

Karachi-11
The 23rd February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature ° | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wc | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx |
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati | 000 | 0 | 1 | 18 | 03 | 95 | 04 | 0 | 078 | 82 | 1 | 1 | 7 | 0 | 0 | 70 | 90 |
| | Cox's Bazar | 000 | 0 | 3 | 18 | 08 | 94 | 02 | 0 | 091 | 73 | 1 | 1 | 5 | 2 | 0 | 66 | 80 |
| | Chittagong | 005 | 9 | 5 | 20 | 07 | 96 | 02 | 9 | 085 | 75 | 1 | 5 | 5 | 1 | 3 | 70 | 82 |
| | Maijdan Cours | 000 | 0 | 8 | 18 | 02 | 97 | 00 | 0 | 089 | 72 | 0 | 0 | 9 | 0 | 0 | 65 | 80 |
| | Comilla | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 066 | 77 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| | Brahmanbaria | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. |
| | Sylhet | 000 | 0 | 1 | 27 | 02 | 96 | 01 | 0 | 064 | 73 | 1 | 2 | 5 | 0 | 0 | 58 | 80 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 069 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 82 |
| Dacca | Mymansingh | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 070 | 77 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Narayanganj | 000 | 0 | 0 | 23 | 02 | 97 | 00 | 0 | 062 | 79 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Dacca (Tongue) | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 067 | 79 | 1 | 2 | 6 | 0 | 0 | 54 | 82 |
| | Faridpur | 000 | 0 | 0 | 34 | 03 | 96 | 00 | 0 | 116 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 82 |
| Khulna | Barisal | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 068 | 79 | 2 | 4 | 5 | 0 | 2 | 65 | 82 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 095 | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 84 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 069 | 79 | 0 | 0 | 9 | 0 | 0 | 63 | 84 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 062 | 79 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 061 | 79 | 0 | 0 | 9 | 0 | 0 | 56 | 82 |
| | Sirajgan | 000 | 0 | 0 | 00 | 00 | 11 | 00 | 0 | 072 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 072 | 79 | 0 | 0 | 9 | 0 | 0 | 60 | 82 |
| | Bogra | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 068 | 75 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Dinajpur | 000 | 0 | 0 | 18 | 02 | 95 | 00 | 0 | 067 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 79 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 096 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Intl Ad.) | 000 | 0 | 0 | 05 | 03 | 96 | 01 | 0 | 078 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 72 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 130 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 81 |
| Rawalpindi | Jhelum | 000 | 0 | 4 | 05 | 05 | 98 | 03 | 1 | 088 | 63 | 4 | 3 | 6 | 0 | 0 | 42 | 70 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 1 | 00 | 00 | 98 | 00 | 0 | 082 | 34 | 0 | 0 | 9 | 6 | 0 | 46 | 68 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 073 | 70 | 0 | 0 | 9 | 0 | 0 | 40 | 73 |
| | Sargodha | 000 | 0 | 3 | 05 | 03 | 97 | 01 | 1 | 071 | 70 | 3 | 2 | 6 | 0 | 0 | 52 | 72 |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 081 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 74 |
| Multan | Sahiwal | 000 | 0 | 6 | 05 | 05 | 97 | 02 | 2 | 064 | 78 | 2 | 0 | 9 | 2 | 4 | 42 | 79 |
| | Multan | 000 | 0 | 0 | 36 | 10 | 94 | 00 | 0 | 037 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 81 |
| | Lodhi | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 7 | 05 | 03 | 97 | 02 | 0 | 053 | 81 | 4 | 0 | 9 | 3 | 1 | 56 | 84 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 133 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 79 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 148 | 79 | 0 | 0 | 9 | 0 | 0 | 64 | 79 |
| Malakand | Chakdara | 000 | 0 | 3 | 23 | 02 | 98 | 01 | 1 | 108 | 54 | 8 | 0 | 9 | 0 | 8 | 49 | 56 |
| Peshawar | Peshawar | 000 | 0 | 1 | 18 | 02 | 97 | 02 | 0 | 065 | 67 | 1 | 1 | 6 | 0 | 0 | 42 | 67 |
| | Haripur | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 068 | 68 | 0 | 0 | 9 | 0 | 0 | 41 | 72 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 31 | 02 | 99 | 02 | 1 | 057 | 72 | 3 | 2 | 7 | 0 | 0 | 38 | 72 |
| | D. I. Khan | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 061 | 78 | 0 | 0 | 9 | 0 | 0 | 54 | 75 |
| Quetta | Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 1 | 042 | 86 | 2 | 0 | 9 | 2 | 0 | 52 | 87 |
| | Nokkundi | 000 | 0 | 4 | 09 | 09 | 96 | 03 | 0 | 048 | 76 | 4 | 0 | 9 | 3 | 0 | 42 | 77 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 04 | 98 | 00 | 0 | 097 | 91 | 0 | 0 | 9 | 0 | 0 | 35 | 91 |
| | Jiwani | 000 | 0 | 0 | 25 | 07 | 96 | 02 | 0 | 067 | 77 | 0 | 0 | 9 | 0 | 0 | 66 | 80 |
| | Pasni | 000 | 0 | 0 | 25 | 12 | 97 | 02 | 0 | 080 | 80 | 0 | 0 | 9 | 0 | 0 | 74 | 84 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 14 | 96 | 02 | 2 | 084 | 77 | 1 | 6 | 6 | 0 | 0 | 74 | 79 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 0 | 23 | 09 | 97 | 03 | 0 | 079 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 79 |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 066 | 78 | 0 | 0 | 9 | 0 | 0 | 67 | 85 |
| | Nagarparkar | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. |
| Hyderabad | Chhor | 000 | 0 | 1 | 27 | 03 | 96 | 03 | 0 | 048 | 79 | 0 | 0 | 9 | 0 | 1 | 48 | 91 |
| | Hyderabad | 000 | 0 | 0 | 23 | 07 | 97 | 02 | 0 | 050 | 80 | 0 | 0 | 9 | 0 | 0 | 34 | 95 |
| | Badin | 000 | 0 | 0 | 23 | 08 | 97 | 02 | 0 | 064 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 93 |
| Khairpur | Padidan | 000 | 0 | 3 | 18 | 03 | 96 | 03 | 0 | 045 | 88 | 0 | 0 | 9 | 0 | 0 | 5 | 42 |
| | Nawabshah | 000 | 0 | 2 | 13 | 02 | 96 | 01 | 0 | 052 | 90 | 0 | 0 | 9 | 0 | 0 | 4 | 42 |
| | Sukkur | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 043 | 85 | 0 | 0 | 9 | 0 | 0 | 49 | 90 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 047 | 87 | 2 | 0 | 9 | 1 | 4 | 35 | 87 |
| Lasbela | Varavali | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Misgar | | | | | | | | | | | | | | | | | |
| | Aliabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | 000 | 0 | 2 | 23 | 05 | 98 | 01 | 0 | 420 | 58 | 2 | 1 | 7 | 0 | 0 | 11 | 63 |
| Peshawar | Cherat | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 440 | 54 | 0 | 0 | 9 | 0 | 0 | 41 | 58 |
| | Kakul | 000 | 0 | 3 | 31 | 05 | 97 | 01 | 1 | 493 | 54 | 3 | 4 | 6 | 0 | 0 | 36 | 54 |
| | Lendikotal | 000 | 0 | 0 | 31 | 05 | 98 | 03 | 0 | 634 | 63 | 0 | 0 | 9 | 0 | 0 | 29 | 65 |
| | Parachinar | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 341 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 72 |
| | Wana | 000 | 0 | 4 | 23 | 10 | 99 | 02 | 0 | 418 | 63 | 4 | 2 | 8 | 0 | 0 | 52 | 65 |
| Quetta | Fort Sandeman | 000 | 0 | 6 | 36 | 02 | 97 | 03 | 2 | 435 | 62 | 1 | 5 | 7 | 0 | 1 | 39 | 64 |
| | Hindubagh | 000 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | 11 | 58 | 0 | 0 | 9 | 0 | 0 | 21 | 64 |
| | Loralai | 000 | 0 | 6 | 27 | 09 | 98 | 01 | 0 | 465 | 45 | 1 | 0 | 9 | 0 | 4 | 35 | 46 |
| | Sarlabun | | | | | | | | | | | | | | | | | |
| | Harnai | 000 | 0 | 5 | 31 | 03 | 96 | 02 | 0 | 419 | 73 | 0 | 0 | 9 | 0 | 5 | 00 | 74 |
| | Samungli (Quetta) | 000 | 0 | 6 | 31 | 05 | 96 | 03 | 1 | 455 | 59 | 0 | 0 | 9 | 0 | 4 | 37 | 81 |
| | Chaman | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 464 | 62 | 0 | 0 | 9 | 0 | 0 | 31 | 63 |
| | Nushki | 000 | 0 | 4 | 27 | 09 | 97 | 03 | 0 | 501 | 69 | 0 | 0 | 9 | 0 | 2 | 33 | 72 |
| | Dalbandin | 000 | 0 | 4 | 05 | 09 | 95 | 05 | 1 | 488 | 71 | 0 | 0 | 9 | 3 | 0 | 21 | 11 |
| Kalat | Kalat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 2 | 452 | 56 | 0 | 0 | 9 | 0 | 0 | 14 | 62 |
| | Khuzdar | 000 | 0 | 5 | 23 | 11 | 97 | 03 | 0 | 537 | 73 | 3 | 0 | 9 | 3 | 1 | 17 | 74 |

| DIVISIONS | STATIONS | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wc | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 8 | 12 | 05 | .. | .. | .. | ... | 76 | 2 | 1 | 5 | 1 | 0 | 64 | 67 | — 4 | + 6 | 0.7 | — 4.1 | 0.0 | 140 |
| | Cox's Bazar | 000 | 0 | 2 | 13 | 10 | 96 | 01 | 0 | 122 | 76 | 2 | 5 | 4 | 0 | 0 | 72 | 56 | — 2 | — 5 | 1.0 | — 2.2 | 0.4 | 108 |
| | Chittagong | 000 | 0 | 8 | 18 | 02 | 96 | 03 | 2 | 116 | 77 | 3 | 2 | 5 | 2 | 1 | 72 | 72 | — 2 | + 6 | 1.0 | — 1.7 | 0.7 | 115 |
| | Maijdan Cours | 000 | 0 | 3 | 18 | 05 | 96 | 02 | 0 | 109 | 76 | 3 | 4 | 1 | 0 | 0 | 72 | 22 | — | + 12 | 1.7 | —11.1 | 1.2 | 54 |
| | Comilla | 000 | 0 | 6 | 27 | 05 | 97 | 03 | 1 | 115 | 76 | 6 | 5 | 5 | 0 | 0 | 62 | 63 | — | — | 2.1 | — 0.3 | 0.8 | 78 |
| | Brahmanbaria | 000 | 0 | 2 | 00 | 00 | 96 | 29 | 9 | 089 | 66 | 2 | 4 | 5 | 2 | 0 | 62 | 58 | — | — | 4.9 | — | 3.3 | — |
| | Sylhet | 010 | 0 | 7 | 00 | 00 | 96 | 01 | 9 | 108 | 74 | 2 | 5 | 7 | 7 | 0 | 70 | 59 | — 3 | + 5 | 2.2 | — 0.1 | 1.7 | 98 |
| | Srimangal | | | | | | | | | | | | | | | | | | | | | | | 91 |
| Dacca | Mymansingh | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | — 1 | — | | | | |
| | Narayanganj | 000 | 0 | 8 | 33 | 02 | 97 | 02 | 0 | 113 | 76 | 8 | 6 | 3 | 7 | 1 | 72 | 72 | — 2 | + 11 | 2.7 | + 0.2 | 1.3 | 74 |
| | Dacca (Tongue) | 000 | 0 | 7 | 23 | 02 | 97 | 03 | 2 | 113 | 74 | 6 | 7 | 2 | 6 | 0 | 72 | 64 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 5 | 20 | 03 | 97 | 01 | 1 | 111 | 74 | 5 | 4 | 6 | 0 | 0 | 65 | 62 | 0 | + 4 | 2.9 | + 0.3 | 1.3 | 71 |
| Khulna | Barisal | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | — 1 | — | | | | 81 |
| | Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 149 | 74 | 0 | 0 | 9 | 0 | 0 | 74 | 74 | — 1 | + 13 | 1.7 | — 0.8 | 0.3 | 68 |
| | Satkhira | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | — 2 | — | | | | 65 |
| | Jessore | 000 | 0 | 7 | 27 | 03 | 96 | 05 | 4 | 106 | 74 | 7 | 6 | 3 | 0 | 0 | 72 | 64 | — | — | 2.4 | — 0.1 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 4 | 23 | 05 | 97 | 03 | 0 | 104 | 74 | 0 | 0 | 9 | 1 | 0 | 66 | 62 | — | — | 3.4 | — | 2.4 | 59 |
| | Sirajgan | 000 | 0 | 4 | 18 | 02 | 98 | 02 | 2 | 105 | 11 | 4 | 0 | 7 | 4 | 2 | 61 | 11 | — 2 | — | 2.1 | + 0.3 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 6 | 31 | 02 | 96 | 03 | 0 | 106 | 70 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — 0 | + 6 | 4.1 | + 2.4 | 13.0 | — |
| | Bogra | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 101 | 70 | 1 | 5 | 5 | 0 | 1 | 11 | 62 | — 3 | + 6 | — | — | — | 69 |
| | Dinajpur | 000 | 0 | 8 | 18 | 02 | 96 | 00 | 0 | 099 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — 2 | + 3 | 1.6 | — 0.3 | 0.8 | 72 |
| | Rangpur | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | | 0 | | | | | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Intl Ad.) | 000 | 0 | 8 | 02 | 02 | 94 | 05 | 1 | 113 | 54 | 3 | 5 | 8 | 2 | 1 | 43 | 49 | — 3 | + 3 | 0.8 | — 1.6 | 0.8 | 19 |
| | Sialkot | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | + 9 | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 2 | 117 | 52 | 5 | 0 | 9 | 7 | 0 | 47 | 40 | — | — | 2.1 | — | 2.1 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 022 | 6 | 8 | 09 | 02 | 97 | 02 | 9 | 116 | 52 | 6 | 5 | 6 | 0 | 3 | 44 | 50 | + 1 | + 7 | 3.9 | — 2.1 | 3.7 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | 0 | | | | | 15 |
| | Sargodha | 000 | 0 | 7 | 09 | 05 | 47 | 01 | 2 | 105 | 54 | 7 | 5 | 6 | 7 | 0 | 47 | 50 | — | — | 0.5 | — | 0.4 | — |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 3 | 110 | 56 | 5 | 3 | 8 | 0 | 0 | 47 | 72 | 0 | + 6 | 0.5 | — 0.6 | 0.5 | 13 |
| Multan | Sahiwal | 000 | 0 | 8 | 00 | 00 | 98 | 02 | 0 | 102 | 61 | 4 | 0 | 9 | 7 | 1 | 49 | 55 | + 4 | + 6 | 0.2 | — 0.8 | 0.2 | 18 |
| | Multan | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 105 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | — | 0.0 | — | 0.0 | 7 |
| | Lodhi | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 6 | 05 | 02 | 96 | 02 | 1 | 092 | 56 | 6 | 0 | 9 | 7 | 0 | 45 | 49 | + 4 | 0 | 0.7 | — 0.1 | 0.4 | 6 |
| | Bahawalpur | 000 | 0 | 8 | 00 | 00 | 94 | 00 | 0 | 108 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | 0 | + 6 | 0.0 | — 0.6 | 0.0 | 6 |
| | Fort Abbas | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | — | | | | | 8 |
| Malakand | Chakdara | 000 | 0 | 5 | 05 | 02 | 98 | 01 | 1 | 185 | 47 | 5 | 0 | 9 | 4 | 0 | 43 | 34 | — | — | 2.1 | — | 2.1 | — |
| Peshawar | Peshawar | 000 | 0 | 7 | 29 | 02 | 97 | 01 | 2 | 124 | 50 | 2 | 8 | 6 | 3 | 1 | 47 | 49 | — 1 | + 3 | 1.6 | — 2.1 | 1.1 | 11 |
| | Haripur | 021 | 4 | 6 | 05 | 03 | 97 | 03 | 6 | 120 | 52 | 6 | 0 | 9 | 3 | 0 | 44 | 47 | — | — | 3.3 | — | 2.6 | — |
| D. I. Khan | Bannu | 000 | 0 | 7 | 13 | 01 | 98 | 50 | 2 | 102 | 58 | 7 | 2 | 7 | 0 | 0 | 49 | 49 | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | 000 | 0 | 8 | 00 | 00 | 97 | 00 | 2 | 120 | 54 | 0 | 0 | 9 | 0 | 0 | 52 | 11 | + 1 | — | 1.2 | — 0.3 | 1.2 | 9 |
| Quetta | Sibi | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 1 | 083 | 58 | 6 | 2 | 9 | 6 | 2 | 36 | 56 | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 4 | 36 | 03 | 96 | 02 | 0 | 042 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 61 | — | — | 1.7 | — | 1.7 | 7 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 117 | 67 | 0 | 0 | 9 | 0 | 0 | 61 | 64 | — | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 4 | 27 | 02 | 96 | 03 | 0 | 078 | 68 | 3 | 6 | 5 | 0 | 1 | 66 | 11 | — | / | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 0 | 23 | 04 | 95 | 04 | 6 | 075 | 56 | 0 | 0 | [illegible] | 0 | 0 | 67 | 54 | + 5 | — 4 | 2.5 | — 1.8 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 2 | 086 | 70 | 1 | 6 | 6 | 0 | 0 | 69 | 11 | — | — | 2.3 | — 1.6 | 2.3 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 7 | 27 | 09 | 96 | 03 | 0 | 097 | 73 | 3 | 0 | 9 | 3 | 0 | 48 | 72 | 0 | + 9 | 0.3 | — 1.0 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 2 | 081 | 69 | 2 | 6 | 5 | 0 | 0 | 66 | 63 | — | — | 0.3 | — | 0.3 | — |
| | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 143 | 69 | 0 | 0 | 9 | 0 | 0 | 69 | 69 | — | — | 0.0 | — | 0.0 | — |
| Hyderabad | Chhor | 000 | 0 | 2 | 18 | 03 | 96 | 03 | 0 | 087 | 66 | 2 | 0 | 9 | 3 | 0 | 63 | 64 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 6 | 23 | 03 | 96 | 10 | 0 | 078 | 69 | 0 | 0 | 9 | 0 | 0 | 66 | 67 | + 12 | + 10 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 091 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | 66 | + 8 | + 5 | 0.1 | — 0.7 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 5 | 31 | 03 | 97 | 03 | 1 | 062 | 60 | 5 | 0 | 9 | 7 | 0 | 48 | 54 | — | — | 0.1 | — | 0.1 | — |
| | Nawabshah | 000 | 0 | 1 | 18 | 05 | 96 | 03 | 0 | 062 | 62 | 1 | 0 | 9 | 1 | 0 | 59 | 59 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 8 | 00 | 05 | 95 | 03 | 2 | 068 | 59 | 7 | 0 | 9 | 9 | 0 | 43 | 57 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 4 | 05 | 10 | 96 | 03 | 0 | 068 | 63 | 4 | 0 | 9 | 7 | 0 | 45 | 61 | + 7 | + 8 | 0.2 | — 0.5 | 0.1 | 20 |
| Lasbela | Varavali | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | 89 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | — |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 472 | 38 | 3 | 0 | 9 | 7 | 0 | 11 | 36 | + 12 | + 1 | 1.6 | — | 1.0 | 29 |
| Peshawar | Cherat | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | + 2 | | | | | — |
| | Kakul | 000 | 0 | 6 | 34 | 05 | 97 | 03 | 2 | 459 | 41 | 4 | 4 | 5 | 3 | 0 | 34 | 40 | — | — | 6.2 | — | 5.3 | — |
| | Lendikotal | — | . | — | — | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | — | | | | | 29 |
| | Parachinar | | | | | | | | | | | | | | | | | | | | | | | 18 |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 97 | 00 | 0 | 533 | 49 | 0 | 0 | 9 | 0 | 0 | 34 | 49 | — | — | 0.0 | — 3.2 | 0.0 | 11 |
| | Wana | ... | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | ... | .. | — | | | | | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 8 | 05 | 02 | 97 | 03 | 2 | 448 | 47 | 4 | 5 | 7 | 7 | 0 | 19 | 41 | + 3 | + 7 | 0.8 | — 1.6 | 0.8 | — |
| | Hindubagh | 000 | 0 | 8 | 23 | 25 | 96 | 03 | 0 | 11 | 48 | 8 | 4 | 7 | 8 | 0 | 22 | 11 | — | — | 1.1 | — | 0.9 | 9 |
| | Loralai | 000 | 0 | 8 | 05 | 03 | 97 | 01 | 0 | 485 | 38 | 0 | 1 | 9 | 9 | 0 | 36 | 36 | — | — | 0.3 | — | 0.3 | — |
| | Sarlabun | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 0 | 427 | 60 | 0 | 0 | 9 | 0 | 8 | 23 | 56 | — | — | 0.7 | — 2.3 | 0.7 | 9 |
| | Samungli (Quetta) | 001 | 0 | 8 | 13 | 03 | 96 | 03 | 1 | 460 | 41 | 4 | 6 | 4 | 3 | 0 | 34 | 34 | — | — | 1.9 | — 3.3 | 1.2 | 9 |
| | Chaman | 000 | 0 | 8 | 03 | 03 | 97 | 08 | 0 | 493 | 52 | 0 | 0 | 9 | 0 | 0 | 22 | 44 | + 3 | + 5 | 7.7 | + 3.0 | 7.7 | — |
| | Nushki | 000 | 0 | 8 | 00 | 00 | 97 | 30 | 0 | 488 | 55 | 8 | 3 | 9 | 0 | 0 | 29 | 53 | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin | 000 | 0 | 8 | 00 | 00 | 95 | 05 | 1 | 440 | 58 | 1 | 5 | 9 | 2 | 0 | 12 | 45 | — | + 3 | 3.3 | — 0.2 | 3.3 | 7 |
| Kalat | Kalat | 000 | 0 | 5 | 00 | 00 | 98 | 00 | 2 | 483 | 45 | 0 | 0 | 9 | 0 | 0 | 37 | 37 | + 7 | + 4 | 0.9 | — 2.7 | 0.9 | — |
| | Khuzdar | 000 | 0 | 7 | 31 | 07 | 96 | 03 | 0 | 451 | 61 | 4 | 5 | 6 | 2 | 0 | 41 | 52 | — | — | 1.0 | — | 0.7 | 8 |
| | Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 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 shows for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**MONDAY THE 23rd FEBRUARY, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RRt_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d\ d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Bombala | 99 2 40 | 10 6 48 | 22 1 23 | 12 7 12 | 98 0 21 | 07 4 76 | 11 5 00 | 67 6 05 | | | 05 2 69 | | 30 5 01 | |
| Bawarka | 99 2 16 | 10 6 94 | 22 1 23 | 22 7 12 | 98 0 20 | 09 3 25 | 22 4 00 | 33 5 05 | | | 01 3 20 | | 30 2 03 | |
| Bombala | 99 2 40 | 10 6 43 | 22 0 03 | 52 5 09 | 98 0 31 | 10 8 78 | 52 5 00 | 67 2 10 | | | 00 2 70 | | 30 4 90 | |

## 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 | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_aDD$ | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 007 200 26 | ... | 450 128 56 | 077 005 50 | 571 187 57 | 736 285 57 | 932 355 57 | 204 485 // | 389 563 // | 634 759 // | ... | ... | ... |
| Dacca | 00 00 | 007 240 42 | ... | 400 150 75 | 047 000 61 | 567 145 // | 733 265 // | 933 426 // | 201 439 // | 390 555 // | 063 711 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 085 204 25 | ... | 400 124 33 | 053 040 25 | 570 121 // | 738 221 // | 944 331 // | 222 451 // | 512 515 // | ... | ... | ... | ... |
| Multan | 00 00 | 993 160 57 | ... | 400 124 58 | 056 024 56 | 570 121 // | 738 221 // | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 969 100 22 | ... | 398 076 56 | 025 025 57 | 558 218 // | 719 325 // | 916 431 // | 185 503 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 814 072 45 | ... | ... | 089 047 // | 559 180 // | 723 265 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 908 124 57 | ... | 500 070 63 | 075 025 64 | 565 215 // | 727 285 // | 939 385 // | 203 475 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m\ d_md_m\ f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 154 20 | 800 088 56 | 400 065 56 | 350 353 57 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 190 81 | 800 100 71 | 400 000 78 | 330 345 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 165 07 | 205 06 | 225 05 | 245 07 | 270 18 | 270 32 | 270 57 | ... | ... |
| Bogra | 260 09 | 255 07 | 255 06 | 265 11 | 270 27 | 240 23 | 250 43 | ... | ... |
| Chaklala | 165 06 | 175 04 | 175 07 | 265 04 | 295 07 | 345 09 | 260 27 | ... | ... |
| Chhor | 250 07 | 240 09 | 255 08 | 285 09 | 310 19 | 295 30 | 305 42 | 295 30 | 305 69 |
| Chittagong | 180 14 | 175 11 | 175 12 | 175 13 | 195 12 | 205 12 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 165 14 | 160 19 | 155 21 | 130 15 | 105 11 | 095 11 | ... | ... | ... |
| Dacca | 255 12 | 255 13 | 255 17 | 250 13 | 255 13 | 255 13 | 250 20 | 260 21 | 260 24 |
| Dalbandin | ... | ... | 080 10 | 150 04 | 230 03 | 275 08 | 295 08 | ... | ... |
| D. I. Khan | 145 05 | 145 05 | 125 05 | 220 07 | 285 13 | 300 17 | 295 32 | 300 46 | 290 47 |
| Drosh | ... | ... | ... | 255 06 | 230 06 | 155 03 | 285 15 | 305 24 | 310 32 |
| Fort Sandeman | ... | ... | ... | 340 10 | 315 11 | 290 09 | 290 12 | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 270 07 | 230 04 | 260 11 | 275 16 | 280 14 | 260 12 | 270 33 | ... | ... |
| Jacobabad | 155 03 | 170 03 | 170 03 | 345 03 | 275 05 | 320 19 | ... | ... | ... |
| Jessore | 340 04 | 280 04 | 280 04 | 230 09 | 235 17 | 235 39 | 275 62 | /// // | 270 68 |
| Jhelum | 070 08 | 090 06 | 095 06 | 130 05 | 300 02 | 285 11 | 290 07 | ... | ... |
| Jiwani | 230 08 | 240 07 | 250 07 | 290 12 | 305 23 | 285 23 | 275 31 | 285 39 | 290 66 |
| Karachi | 265 10 | 270 10 | 265 10 | 280 14 | 280 15 | 290 29 | 295 37 | 340 51 | ... |
| Khanpur | 070 12 | 065 15 | 060 15 | 005 07 | 255 17 | 255 28 | 260 29 | ... | ... |
| Khuzdar | ... | ... | ... | 315 10 | 290 07 | 275 25 | 295 41 | 285 50 | 285 50 |
| Lahore | 070 08 | 070 13 | 075 09 | 065 04 | 345 04 | 350 08 | 270 19 | 060 43 | 290 47 |
| Multan | 085 12 | 090 08 | 090 10 | 040 07 | 320 19 | 270 24 | ... | ... | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 125 04 | 140 05 | 155 03 | 190 02 | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 090 06 | 125 04 | 270 12 | 280 19 | 280 28 | 300 43 | ... | 305 43 |
| Parachinar | ... | ... | ... | 310 04 | 260 11 | 305 65 | 300 45 | 295 90 | 295 70 |
| Quetta | ... | ... | ... | /// // | 310 15 | 300 13 | ... | ... | ... |
| Sargodha | 090 05 | 115 06 | 125 05 | 300 02 | 295 11 | 300 25 | ... | ... | ... |
| Skardu | ... | No | Ascent | ... | ... | ... | ... | ... | ... |
| Sylhet | 260 12 | 255 11 | 255 14 | 250 22 | 245 25 | 240 30 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | ... | ... | ... | ... | ... | ... |
| Bogra | 215 12 | 215 12 | 220 10 | 250 17 | 255 31 | ... |
| Chaklala | ... | 100 07 | 090 04 | 140 06 | ... | ... |
| Chhor | 235 27 | 235 24 | 240 21 | 235 25 | 245 22 | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 155 09 | 170 12 | 185 13 | 205 19 | 210 23 | ... |
| Dacca | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 070 04 | 245 07 | 250 15 | 285 23 |
| D. I. Khan | 210 04 | 240 03 | 255 03 | 275 03 | 270 04 | 300 03 |
| Drosh | ... | ... | ... | 055 06 | 040 02 | ... |
| Fort Sandeman | ... | ... | ... | 205 07 | 300 12 | 310 20 |
| Gilgit | ... | ... | ... | ... | ... | ... |
| Ishurdi | 220 10 | 225 13 | 230 15 | 260 19 | 245 35 | ... |
| Jacobabad | 095 27 | 105 19 | 120 13 | 190 10 | 210 09 | 270 23 |
| Jessore | No | Ascent | | | | |
| Jhelum | 360 09 | 010 12 | 340 07 | 235 03 | 285 04 | 010 08 |
| Jiwani | 255 17 | 255 27 | 255 27 | 280 23 | 285 21 | 315 11 |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 065 06 | 070 05 | 095 05 | 115 03 | 275 02 | 005 09 |
| Khuzdar | ... | ... | ... | 260 05 | 265 18 | 275 28 |
| Lahore | 055 06 | 055 09 | 050 06 | 340 02 | 005 02 | 015 09 |
| Multan | 125 19 | 135 13 | 155 06 | 265 08 | 085 19 | 260 23 |
| Nawab Shah | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 090 04 | 210 09 | 240 20 | 260 27 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 325 01 | 270 01 | 185 07 | 160 05 | 055 10 |
| Parachinar | ... | ... | ... | 260 07 | 220 01 | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 085 10 | 070 04 | 260 02 | 295 06 | 285 09 | ... |
| Skardu | ... | ... | ... | 255 02 | 315 01 | ... |
| Sylhet | 015 07 | 300 11 | 360 23 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 225 10 | 215 09 | 210 11 | 235 17 | 250 15 | ... | ... | ... | ... | ... | ... |
| Bogra | 210 04 | 235 10 | 235 14 | 230 18 | 250 24 | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 080 07 | 110 04 | 145 03 | 260 04 | 265 06 | 315 10 | ... | ... | ... | ... |
| Chhor | 230 18 | 240 02 | 245 17 | 350 23 | 265 14 | ... | ... | ... | ... | ... | ... |
| Chittagong | 190 09 | 200 19 | 225 16 | 345 15 | 260 18 | 260 19 | 315 27 | 295 24 | 310 26 | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 180 16 | 180 20 | 180 20 | 200 13 | 270 18 | 280 17 | 320 19 | 260 42 | 275 42 | 280 54 | ... |
| Dacca | 215 06 | 220 08 | 220 40 | 200 12 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 240 05 | 255 17 | 270 28 | ... | ... | ... | ... | ... | ... |
| D. I. Khan | 100 05 | 165 11 | 165 13 | 170 08 | 165 07 | 105 05 | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 010 06 | 045 06 | 210 05 | 240 20 | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 220 12 | 220 15 | 225 15 | 240 15 | 245 17 | ... | ... | ... | ... | ... | ... |
| Jacobabad | 085 15 | 080 14 | 050 07 | 300 10 | 290 16 | 260 13 | ... | ... | ... | ... | ... |
| Jessore | 220 08 | 220 14 | 225 18 | 250 18 | 270 17 | 295 25 | ... | ... | ... | ... | ... |
| Jhelum | 030 04 | 070 06 | 070 07 | 135 04 | 005 02 | 265 08 | 250 21 | ... | ... | ... | ... |
| Jiwani | 260 16 | 270 22 | 275 22 | 280 22 | 270 25 | 275 30 | 260 46 | ... | ... | ... | ... |
| Karachi | 255 19 | 260 14 | 260 10 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | 090 16 | 130 18 | 130 19 | 140 12 | 245 10 | 245 24 | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 225 03 | 005 05 | 040 11 | 035 10 | 315 05 | 305 17 | ... | ... | ... | ... | ... |
| Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 210 06 | 260 07 | 260 03 | 025 02 | ... | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 005 04 | 095 06 | 140 04 | 145 06 | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | 295 04 | 310 02 | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | /// // | 190 05 | ... | ... | ... | ... | ... | ... |
| Sargodha | 085 05 | 120 11 | 140 11 | 210 07 | 215 09 | 270 21 | ... | ... | ... | ... | ... |
| Skardu | ... | ... | ... | 355 01 | /// // | ... | ... | ... | ... | ... | ... |
| Sylhet | 060 08 | 275 09 | 240 26 | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 250 18 | 260 17 | 260 16 | 260 15 | 265 21 | 280 30 | 275 41 | 275 47 | 285 53 | 290 47 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 125 19 | 135 13 | 155 06 | 265 08 | 285 19 | 260 33 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

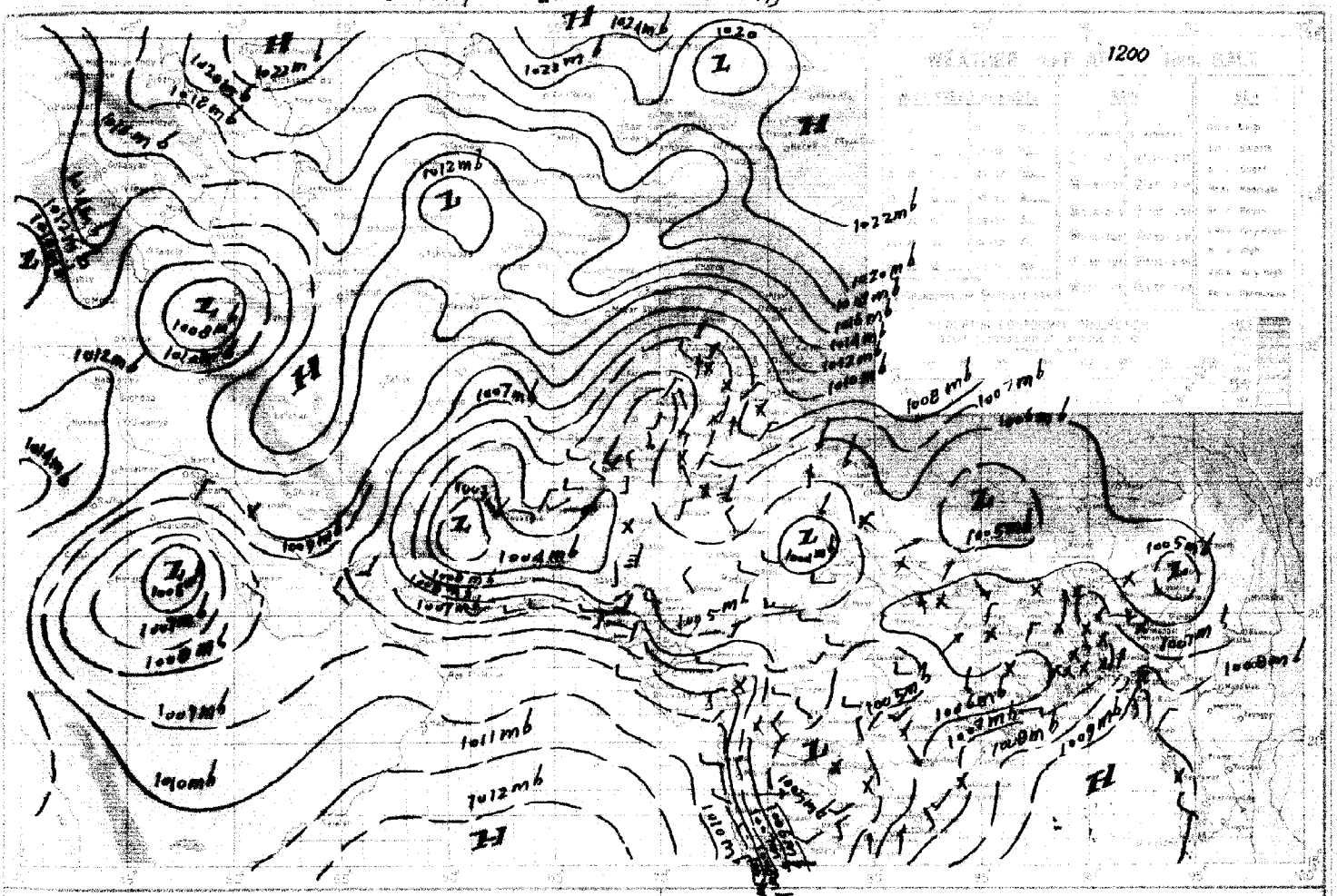
† The actual time of observations may vary within half an hour of the specified time.

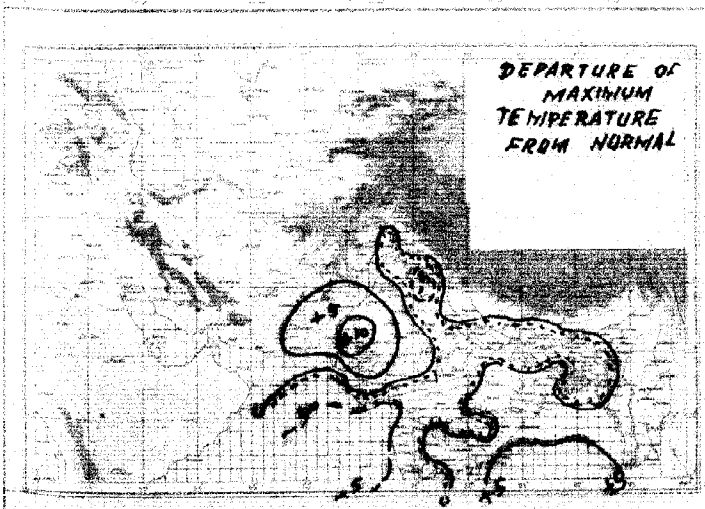
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

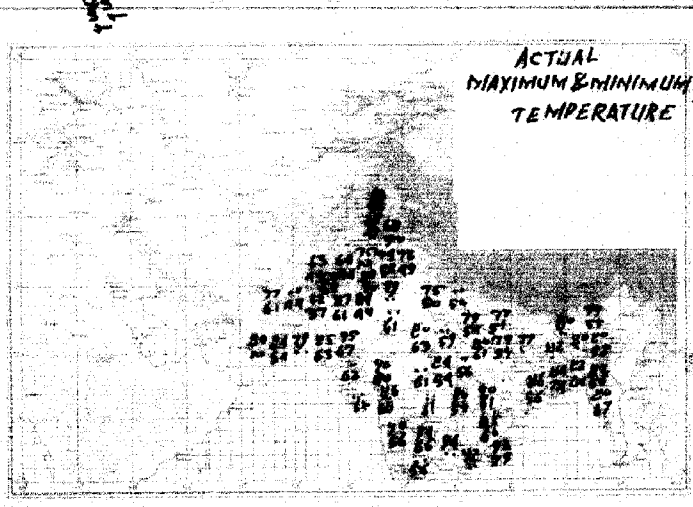
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd FEBRUARY, 1970

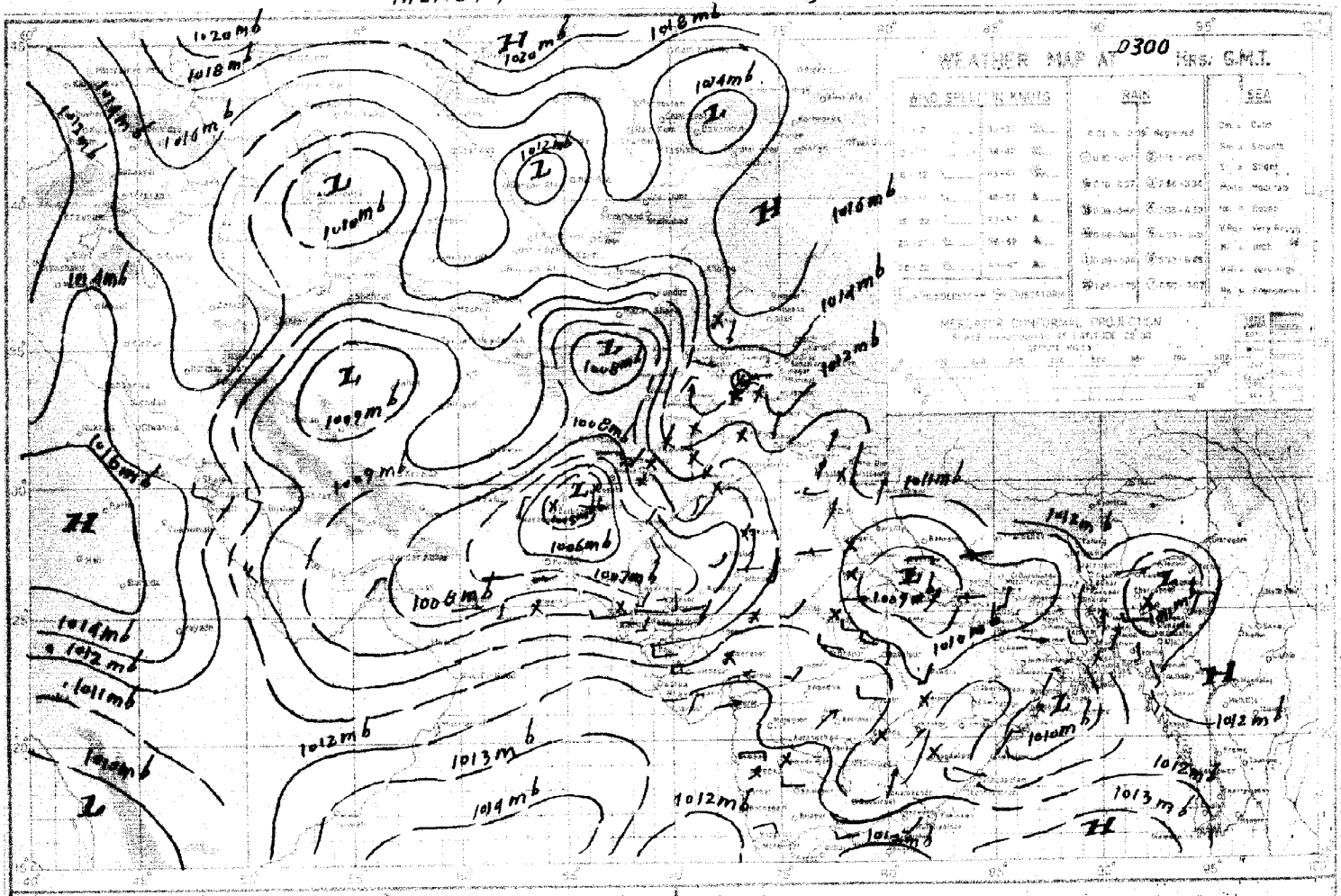


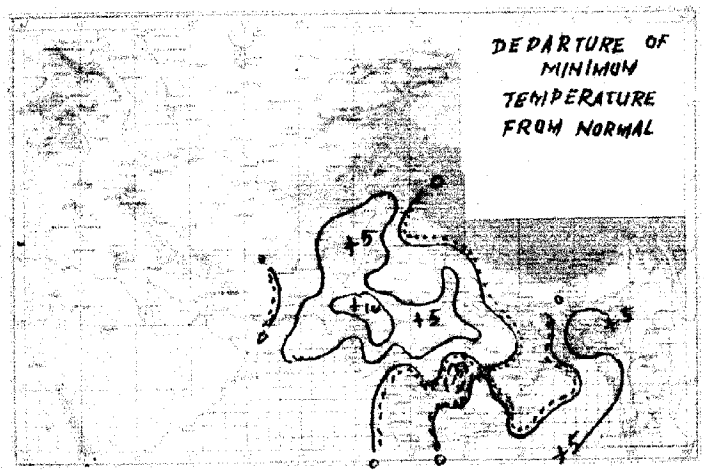



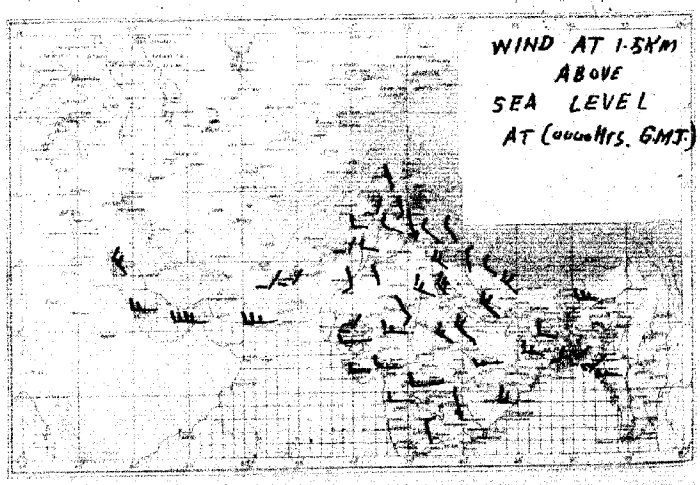



# PAKISTAN DAILY WEATHER MAP

MONDAY 23rd FEBRUARY, 1970

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**TUESDAY THE 24th FEBRUARY 1970.**

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

Yesterday's western disturbance over Quetta is now moving across northern division of west Pakistan.
A well marked low pressure area has developed over Rajasthan.
A fresh western disturbance lies over southeast Iran and adjoining areas.
Local rain with a few heavy falls has occurred in Peshawar division, scattered in Rawalpindi, Malakand, D. I. Khan and Quetta divisions and a few falls of light rain or drizzle in Lahore, Sargodha, Bahawalpur and Kalat divisions.
Yesterday's westerly low pressure wave over the southern districts of Chittagong division moved away.
The westerly low pressure over Orissa now lies over west Bengal and neighbourhood.
Scattered rain/thundershowers have occurred in Chittagong and Khulna divisions. Weather remained dry elsewhere over the country.
Chief amounts of rainfall are Landikotal 2", Sylhet 1½", Rangamati and Kakul ¾" each, Rawalpindi and Cherat ½" each and Chakdra, Haripur and Quetta ¼" each.
Night temperatures were 9—12 °F (5—7 °C) above normal in Chittagong, Khulna and Hyderabad divisions and 3—8 °F (2—4 °C) so elsewhere in East Pakistan and in Lahore, Rawalpindi, Multan, Bahawalpur, Kalat and Karachi divisions and were nearly normal elsewhere in west Pakistan.

**Forecast valid until the evening of 25th February 1970 :**—Thunderstorms/showers are likely to be local in Peshawar, Malakand, Rawalpindi, Lahore, Sargodha, Rajshahi and Chittagong divisions and in Kashmir and scattered elsewhere in the countty.

**Earth Quake Report :**—Seismograph of Geophysical centre Quetta recorded an earthquake of moderate intensity on 23rd February 1970 at 16 hours 25 minutes (WPST). The epicentre lies about 950 miles west of Quetta near southern Iran and another earthquake of moderate intensity on 24th February 1970 at 0700 hours 14 minutes (WPST). The epicentre lies about 2300 miles East of Quetta near southern China.

Karachi-11
The 24th February, 1970.

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

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 087 | 7 | 3 | 23 | 02 | 98 | 01 | 9 | 095 | 74 | 7 | 3 | 6 | 0 | 0 | 66 | 90 |
| | Cox's Bazar | 000 | 0 | 1 | 18 | 11 | 94 | 00 | 0 | 094 | 76 | 2 | 1 | 9 | 1 | 0 | 70 | 80 |
| | Chittagong | 000 | 0 | 6 | 18 | 10 | 96 | 02 | 2 | 093 | 76 | 6 | 3 | 4 | 6 | 0 | 72 | 82 |
| | Maijdee Court | 080 | 9 | 5 | 18 | 05 | 97 | 03 | 2 | 080 | 77 | 3 | 5 | 5 | 2 | 0 | 66 | 82 |
| | Comilla | 000 | 0 | 3 | 23 | 05 | 96 | 01 | 1 | 082 | 76 | 3 | 4 | 7 | 0 | 0 | 70 | // |
| | Brahmanbaria | 000 | 0 | 3 | 18 | 02 | 96 | 01 | 1 | 070 | 82 | 3 | 4 | 5 | 0 | 0 | 66 | 86 |
| | Sylhet | 007 | 6 | 4 | 09 | 05 | 96 | 29 | 5 | 076 | 65 | 3 | 5 | 4 | 2 | 0 | 58 | // |
| | Srimangal | 010 | 9 | 4 | 00 | 00 | 94 | 02 | 9 | 076 | 74 | 2 | 9 | 5 | 7 | 1 | 65 | 85 |
| Dacca | Mymensingh | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 1 | 075 | 79 | 7 | 5 | 6 | 0 | 0 | 58 | 84 |
| | Narayanganj | 000 | 0 | 1 | 00 | 00 | // | 03 | 1 | 073 | 82 | 1 | 6 | 6 | 0 | 0 | 62 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 0 | 070 | 80 | 2 | 2 | 5 | 0 | 0 | 30 | 88 |
| | Faridpur | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 1 | 096 | 82 | 3 | 5 | 6 | 0 | 0 | 62 | 86 |
| Khulna | Barisal | 010 | 0 | 5 | 31 | 05 | 96 | 50 | 8 | 086 | 70 | 5 | 6 | 5 | 0 | 0 | 60 | 87 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 064 | 85 | 0 | 0 | 9 | 0 | 0 | 82 | 90 |
| | Satkhira | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 1 | 073 | 82 | 3 | 4 | 9 | 0 | 4 | 70 | 90 |
| | Jessore | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 070 | 83 | 1 | 1 | 5 | 0 | 0 | 61 | 88 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 066 | 82 | 0 | 0 | 9 | 0 | 0 | 32 | 86 |
| | Sirajganj | 000 | 0 | 2 | 23 | 01 | // | 01 | 2 | 064 | 80 | 2 | 2 | 6 | 0 | 0 | 74 | 82 |
| | Rajshahi | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 067 | 80 | 1 | 8 | 5 | 0 | 0 | 58 | 84 |
| | Bogra | 000 | 0 | 3 | 23 | 04 | 96 | 01 | 1 | 061 | 79 | 2 | 5 | 5 | 3 | 0 | 56 | 84 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 1 | 065 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 84 |
| | Rangpur | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 071 | 65 | 1 | 1 | 6 | 1 | 0 | 58 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 0 | 086 | 65 | 4 | 5 | 8 | 2 | / | 44 | 66 |
| | Sialkot | 000 | 0 | 0 | 20 | 00 | 98 | 00 | 0 | 130 | 66 | 0 | 0 | 9 | 0 | 0 | 52 | // |
| Rawalpindi | Jhelum | 000 | 4 | 8 | 31 | 05 | 98 | 02 | 6 | 095 | 62 | 4 | 5 | 6 | 2 | / | 48 | 70 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 015 | 4 | 8 | 00 | 00 | 98 | 21 | 6 | 137 | 51 | 8 | 4 | 6 | 0 | 0 | 49 | 66 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | // | 95 | 20 | 5 | 092 | 60 | 5 | 8 | 7 | 0 | 0 | 56 | 66 |
| | Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 3 | 085 | 62 | 5 | 4 | 8 | 0 | 0 | 56 | 66 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 8 | 05 | 03 | 97 | 02 | 0 | 078 | 66 | 4 | 5 | 6 | 7 | 0 | 51 | 70 |
| | Leiah | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 2 | 058 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 88 |
| Bahawalpur | Khanpur | 000 | 0 | 7 | 05 | 05 | 97 | 02 | 2 | 055 | 74 | 4 | 5 | 6 | 2 | 6 | 49 | 76 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 054 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| | Fort Abbas | 000 | 0 | 3 | 23 | 02 | 98 | 00 | 2 | 048 | 76 | 0 | 0 | 9 | 0 | 2 | 66 | 78 |
| Malakand | Chakdra | 000 | 0 | 8 | 23 | 04 | 97 | 03 | 1 | 081 | 55 | 8 | 8 | 7 | 0 | 0 | 44 | 62 |
| Peshawar | Peshawar | 000 | 0 | 8 | 31 | 02 | 96 | 60 | 2 | 113 | 55 | 6 | 5 | 6 | 2 | 0 | 50 | 60 |
| | Haripur | 000 | 0 | 8 | 36 | 02 | 96 | 60 | 6 | 125 | 54 | 2 | 7 | 6 | 0 | 0 | 46 | 58 |
| D. I. Khan | Bannu | 000 | 0 | 7 | 13 | 02 | 98 | 50 | 5 | 101 | 59 | 7 | 2 | 7 | 0 | 0 | 49 | 62 |
| | D. I. Khan | 000 | 3 | 8 | 05 | 06 | 97 | 02 | 0 | 097 | 58 | 0 | 0 | 9 | 0 | 0 | 52 | 65 |
| Quetta | Sibi | 000 | 0 | 8 | 36 | 03 | 97 | 03 | 1 | 058 | 82 | 6 | 2 | 9 | 0 | 2 | 48 | 84 |
| | Nokkundi | 000 | 0 | 8 | 27 | 07 | 96 | 03 | 8 | 058 | 79 | 3 | 0 | 9 | 3 | 0 | 39 | // |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 087 | 88 | 0 | 0 | 9 | 0 | 0 | 49 | 88 |
| | Jiwani | 000 | 0 | 5 | 23 | 09 | 96 | 02 | 1 | 060 | 80 | 3 | 0 | 9 | 3 | 1 | 61 | 83 |
| | Pasni | 000 | 0 | 4 | 25 | 04 | 97 | 03 | 0 | 071 | 81 | 4 | 0 | 9 | C | 0 | 77 | 82 |
| Karachi division | Ormara | 000 | 0 | 6 | 27 | 09 | 96 | 06 | 0 | 077 | 78 | 1 | 6 | 6 | [illegible] | 0 | 73 | 78 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 1 | 23 | 07 | 97 | 03 | 0 | 066 | 77 | 0 | 0 | 9 | 0 | 4 | 72 | 79 |
| | Karachi (Airport) | 000 | 0 | 2 | 25 | 07 | 98 | 03 | 0 | 063 | 79 | 2 | 6 | 5 | 0 | 0 | 65 | 81 |
| Hyderabad | Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | /// | 86 | 0 | 0 | 9 | 0 | 0 | 56 | 90 |
| | Chhor | ... | | ... | ... | ... | ... | ... | | ... | ... | .. | | | .. | .. | ... | ... |
| | Hyderabad | 000 | 0 | 6 | 23 | 07 | 97 | 03 | 1 | 041 | 89 | 5 | 0 | 9 | 3 | 1 | 57 | 90 |
| | Badin | 000 | 0 | 0 | 23 | 10 | 97 | 02 | 0 | 057 | 87 | 0 | 0 | 9 | 4 | 0 | 55 | 89 |
| Khairpur | Padidan | 000 | 0 | 6 | 13 | 07 | 97 | 03 | 2 | 040 | 79 | 1 | 1 | 7 | 7 | 0 | 44 | 80 |
| | Nawabshah | 000 | 0 | 5 | 05 | 02 | 96 | 01 | 2 | 052 | 79 | 0 | 0 | 9 | 3 | 0 | 53 | 85 |
| | Sukkur | 000 | 0 | 7 | 23 | 03 | 95 | 03 | 2 | 045 | 65 | 7 | 9 | 9 | 9 | 0 | 63 | 68 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 5 | 00 | 00 | // | 02 | 0 | 045 | 74 | 2 | 6 | 5 | 3 | 0 | 39 | // |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 8 | 23 | 03 | 97 | 03 | 2 | 435 | 51 | 5 | 5 | 7 | 2 | 0 | 50 | 60 |
| Peshawar | Cherat * | 005 | 4 | 9 | 31 | 05 | 91 | 62 | 6 | 457 | 42 | 9 | 0 | 0 | 0 | 0 | 40 | 50 |
| | Kakul * | 003 | 3 | 8 | 05 | 05 | 97 | 21 | 5 | 453 | 42 | 5 | 7 | 5 | 2 | / | 40 | 51 |
| | Landikotal * | 022 | 4 | 8 | 31 | 05 | 58 | 03 | 4 | 616 | 48 | 8 | 7 | 6 | / | / | 28 | 55 |
| | Parachinar * | 000 | 0 | 8 | 16 | 10 | 97 | 95 | 9 | 418 | 50 | 3 | 9 | 9 | 5 | 2 | // | 50 |
| D.I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 438 | 55 | 0 | 0 | 9 | 0 | 0 | 44 | 58 |
| | Wana * | 000 | 0 | 8 | 23 | 02 | 98 | 03 | 0 | 400 | 54 | 8 | 1 | 7 | 0 | 0 | 46 | 56 |
| Quetta | Fort Sandeman * | 000 | 8 | 7 | 25 | 09 | 97 | 02 | 2 | 434 | 53 | 5 | 4 | 7 | 0 | 0 | 54 | 55 |
| | Hindubagh * | 000 | 0 | 8 | 23 | 13 | 92 | 03 | 0 | /// | 48 | 2 | 5 | 9 | 0 | 0 | // | // |
| | Loralai * | 000 | 0 | 8 | 27 | 04 | 97 | 01 | 0 | 495 | 45 | 0 | 1 | 9 | 0 | 8 | 35 | // |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 415 | 68 | 0 | 0 | 9 | 0 | 0 | [illegible] | 70 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 31 | 03 | 96 | 03 | 2 | 442 | 50 | 8 | 7 | 5 | 0 | 0 | 42 | // |
| | Chaman * | 000 | 0 | 0 | 18 | 06 | 97 | 00 | 0 | 435 | 58 | 0 | 0 | 9 | 0 | 0 | // | 58 |
| | Nushki * | 008 | 0 | 4 | 00 | 00 | 97 | 01 | 5 | 477 | 64 | 0 | 0 | 9 | 0 | 2 | 34 | 70 |
| | Dalbandin * | 000 | 0 | 5 | 23 | 10 | 93 | 07 | 2 | 432 | 73 | 0 | 0 | 9 | 3 | 0 | 40 | 65 |
| Kalat | Kalat * | 000 | 7 | 7 | 27 | 02 | 97 | 00 | 2 | 476 | 30 | 7 | 3 | 9 | 0 | 0 | 40 | 60 |
| | Khuzdar * | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Ws (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 087 | 0 | 1 | 18 | 02 | 97 | 01 | 1 | 128 | 77 | 1 | 2 | 7 | 0 | 0 | 70 | 64 | — | — | — | — | — | — |
| | Cox's Bazar | .. | .. | .. | .. | .. | ... | .. | | ... | .. | ... | | ... | .. | .. | | ... | — 4 | | | | | 140 |
| | Chittagong | 000 | 0 | 2 | 13 | 02 | 96 | 01 | 0 | 144 | 75 | 1 | 2 | 5 | 2 | 0 | 70 | 66 | — 2 | + 5 | 1.8 | — 2.1 | 0.6 | 108 |
| | Maijdee Court | .. | .. | .. | ... | .. | | .. | ... | .. | | .. | | .. | .. | .. | .. | .. | 6 | | | | | 15 |
| | Comilla | 000 | 0 | 4 | 18 | 05 | 96 | 02 | 0 | 137 | 79 | 3 | 5 | 6 | 0 | 0 | 75 | 70 | / | + 10 | 1.7 | — 1.1 | 1.2 | 94 |
| | Brahmanbaria | 000 | 0 | 4 | 18 | 05 | 97 | 01 | 1 | 128 | 77 | 4 | 5 | 5 | 0 | 0 | 73 | 70 | — | — | 2.1 | — 0.4 | 0.8 | 78 |
| | Sylhet | 128 | 5 | 8 | 05 | 05 | 96 | 17 | 9 | 137 | 75 | 5 | 6 | 3 | 2 | / | 62 | 62 | — | — | 6.1 | — | 4.6 | — |
| | Srimangal | 000 | 0 | 9 | 13 | 05 | 90 | 51 | / | 132 | 73 | 5 | 9 | 5 | 3 | 2 | 70 | 63 | 0 | + 9 | 3.2 | - 0.2 | 1.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 133 | 72 | 6 | 5 | 5 | 0 | 0 | 70 | 62 | + 3 | + 4 | — | — | — | 91 |
| | Narayanganj | .. | | .. | ... | .. | ... | ... | | ... | | | | | | | ... | ... | + 1 | | | | | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 18 | 02 | 96 | 03 | 2 | 124 | 76 | 7 | 6 | 5 | 3 | 0 | 72 | 75 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 6 | 20 | 02 | 97 | 02 | 2 | 119 | 75 | 5 | 4 | 6 | 1 | 0 | 66 | 69 | + 4 | + 11 | 2.9 | + 0.2 | 1.3 | 71 |
| Khulna | Barisal | 010 | 9 | 5 | 18 | 02 | 97 | 28 | 4 | 131 | 77 | 5 | 4 | 4 | 0 | 0 | 73 | 66 | + 4 | + 4 | — | — | — | 81 |
| | Khulna | 000 | 0 | 0 | 18 | 02 | 9 | 00 | 0 | 129 | 80 | 0 | 0 | 9 | 0 | 0 | 75 | 63 | + 5 | + 2 | 1.7 | — 0.9 | 0.4 | 68 |
| | Satkhira | 000 | 0 | 2 | 12 | 06 | 97 | 00 | 0 | 120 | 75 | 2 | 1 | 7 | 0 | 0 | 72 | 73 | + 4 | + 12 | — | — | — | 65 |
| | Jessore | 000 | 0 | 7 | 23 | 09 | 96 | 03 | 9 | 120 | 76 | 7 | 6 | 3 | 0 | 0 | 72 | 70 | — | — | 2.4 | — 0.1 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 3 | 4 | 00 | 00 | 97 | 01 | 2 | 121 | 79 | 0 | 0 | 9 | 0 | 3 | 72 | 72 | — | — | 3.4 | — | 2.4 | 59 |
| | Sirajganj | 000 | 0 | 8 | 18 | 02 | 97 | 03 | 0 | 128 | 70 | 8 | 0 | 7 | 1 | 0 | 66 | 65 | 0 | + 9 | 2.1 | + 0.3 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 125 | 69 | 1 | 6 | 5 | 0 | 0 | 62 | 60 | + 2 | + 4 | 4.1 | + 2.4 | 1.2 | — |
| | Bogra | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 123 | 70 | 3 | 0 | 9 | 3 | 0 | 63 | 63 | + 1 | + 7 | — | — | — | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | // | 78 | 0 | 0 | 9 | 0 | 0 | 70 | 56 | + 3 | + 3 | 1.6 | — 0.2 | 0.8 | 73 |
| | Rangpur | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 117 | 66 | 3 | 0 | 9 | 3 | 0 | 63 | 56 | 0 | + 2 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | .. |
| Lahore | Lahore (Jail Rd.) | 000 | 8 | 2 | 05 | 03 | 96 | 03 | 2 | 135 | 58 | 1 | 0 | 9 | 1 | / | 42 | 54 | — 9 | + 8 | 0.8 | — 1.6 | 0.8 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 118 | 58 | 0 | 0 | 9 | 0 | 0 | 50 | // | / | / | — | — | — | 32 |
| Rawalpindi | Jhelum | 000 | 6 | 7 | 00 | 00 | 97 | 03 | 6 | 141 | 54 | 4 | 5 | 6 | 7 | 0 | 50 | 52 | — | — | 2.2 | — | 2.1 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 042 | 9 | 8 | 05 | 02 | 97 | 21 | 6 | 153 | 49 | 8 | 5 | 6 | 0 | 0 | 46 | 48 | — 1 | + 5 | 4.3 | — 1.8 | 4.1 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 9 | 8 | 00 | // | 97 | 03 | 5 | 104 | 53 | 6 | 5 | 8 | 4 | 0 | 48 | 50 | — 7 | + 1 | — | — | — | 15 |
| | Sargodha | 000 | 0 | 4 | 05 | 03 | 96 | 04 | 1 | 136 | 56 | 4 | 0 | 9 | 3 | 0 | 46 | 50 | | — | 0.5 | | 0.4 | — |
| | Lyallpur | 000 | 0 | 9 | 00 | 00 | 95 | 00 | 0 | 130 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 48 | — 8 | + 2 | 0.5 | — 0.6 | 0.5 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 8 | 36 | 05 | 97 | 03 | 0 | 135 | 54 | 3 | 5 | 6 | 7 | / | 48 | 52 | — 5 | + 3 | 0.2 | — 0.8 | 0.2 | 18 |
| | Leiah | ... | ... | .. | ... | ... | ... | ... | | ... | ... | ... | | ... | .. | .. | ... | ... | | | | | | 7 |
| Bahawalpur | Khanpur | 000 | 0 | 6 | 36 | 09 | 96 | 03 | 0 | 121 | 58 | 4 | 9 | 5 | 2 | / | 40 | // | — 4 | / | 0.7 | — 0.1 | 0.4 | 6 |
| | Bahawalpur | 000 | 4 | 1 | 00 | 00 | 95 | 00 | 0 | 126 | 59 | 0 | 0 | 9 | 0 | 0 | 48 | 54 | — 2 | + 4 | 0.0 | — 0.6 | 0.0 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 2 | /// | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 56 | — | — | — | — | — | 8 |
| Malakand | Chakdra | 021 | 3 | 0 | 35 | 02 | 97 | 03 | 6 | 145 | 46 | 0 | 5 | 7 | 0 | 0 | 45 | 45 | — | — | 2.3 | — | 2.3 | — |
| Peshawar | Peshawar | 009 | 2 | 8 | 00 | 00 | 96 | 60 | 6 | 162 | 50 | 5 | 5 | 6 | 2 | / | 48 | 48 | — 8 | + 2 | 1.7 | — 2.1 | 1.2 | 11 |
| | Haripur | 026 | 9 | 8 | 07 | 02 | 96 | 50 | 4 | 160 | 49 | 8 | 7 | 6 | 0 | 0 | 42 | 46 | — | — | 3.8 | — | 2.8 | — |
| D. I. Khan | Bannu | 000 | 0 | 7 | 21 | 01 | 99 | 61 | 2 | 149 | 52 | 7 | 2 | 7 | 0 | 0 | 48 | 51 | — | — | 0.7 | — | 0.3 | 11 |
| | D. I. Khan | 000 | 1 | 0 | 31 | 02 | 97 | 02 | 0 | 147 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | // | — 9 | / | 1.2 | — 0.3 | 1.2 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 34 | 03 | 97 | 03 | 1 | 118 | 60 | 4 | 2 | 9 | 4 | 0 | 42 | 56 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 2 | 36 | 03 | 96 | 02 | 0 | 143 | 61 | 0 | 0 | 9 | 3 | 0 | 50 | 60 | — | — | 1.7 | — | 1.7 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 117 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | // | — | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 6 | 23 | 02 | 96 | 03 | 0 | 091 | 71 | 6 | 6 | 5 | 0 | 0 | 69 | 67 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 0 | 23 | 04 | 95 | 04 | 6 | 099 | 65 | 0 | 0 | [illegible] | 0 | 0 | 60 | 53 | + 3 | — 5 | 2.5 | — 1.8 | 3.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 3 | 27 | 07 | 96 | 02 | 2 | 097 | 74 | 2 | 6 | 6 | 0 | 0 | 73 | // | — | — | 2.3 | — 1.6 | 2.3 | 8 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 6 | 27 | 03 | 96 | 03 | 0 | 114 | 73 | 0 | 0 | 9 | 0 | 4 | 71 | 71 | 0 | + 8 | 0.3 | — 0.8 | 0.2 | 8 |
| | Karachi (Airport) | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 2 | 102 | 72 | 4 | 0 | 9 | 2 | 0 | 69 | 62 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 142 | 74 | 6 | 6 | 6 | 0 | 0 | 74 | 74 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 2 | 27 | 05 | 96 | 01 | 2 | 096 | 67 | 2 | 0 | 9 | 4 | 0 | 59 | 66 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 7 | 31 | 02 | 97 | 03 | 1 | 109 | 67 | 8 | 5 | 6 | 3 | 0 | 57 | 66 | + 7 | + 9 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 8 | 23 | 03 | 96 | 03 | 0 | 103 | 72 | 0 | 0 | 9 | 0 | 8 | 66 | 69 | + 5 | + 12 | 0.1 | — 0.7 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 2 | 30 | 11 | 96 | 01 | 1 | 110 | 57 | 2 | 0 | 9 | 3 | 0 | 48 | 55 | — | — | 0.1 | — | 0.1 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 0 | 110 | 59 | 0 | 0 | 9 | 0 | 0 | 53 | 58 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 9 | 7 | 20 | 05 | 95 | 01 | 2 | 102 | 59 | 7 | 0 | 9 | 9 | 0 | 49 | 57 | — | — | 0.1 | — | 0.1 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 3 | 09 | 02 | 96 | 03 | 0 | 114 | 57 | 3 | 0 | 9 | 3 | 0 | 50 | 55 | / | + 2 | 0.2 | — 0.6 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Malakand | Drosh * | ... | .. | .. | ... | .. | ... | ... | .. | . | .. | ... | .. | ... | ... | .. | ... | ... | + 9 | | | | | 89 |
| Peshawar | Cherat * | 060 | 9 | 9 | 00 | 00 | 91 | 61 | 6 | 479 | 40 | 9 | 0 | 0 | 0 | 0 | 39 | 39 | — 6 | — 4 | — | — | — | — |
| | Kakul * | 083 | 6 | 8 | 31 | 05 | 95 | 60 | 6 | 485 | 40 | 5 | 7 | 4 | / | / | 38 | 37 | — | — | 7.1 | — | 6.0 | — |
| | Landikotal * | 204 | 9 | 8 | 36 | 02 | 58 | 03 | 3 | 618 | 49 | 8 | 7 | 6 | / | / | 33 | 32 | — | — | — | — | — | 29 |
| | Parachinar * | ... | . | — | ... | .. | — | ... | ... | ... | ... | .. | .. | .. | ... | .. | — | ... | — 2 | | | | | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 466 | 45 | 8 | 0 | 9 | / | / | // | 40 | — | — | 0.0 | — 3.4 | 0.0 | 11 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | .. | ... | .. | .. | ... | ... | .. | — | | | | | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 6 | 05 | 01 | 97 | 03 | 2 | 455 | 40 | 2 | 5 | 7 | 3 | 1 | 35 | 38 | — 6 | + 1 | 0.8 | — 1.6 | 0.8 | — |
| | Hindubagh * | 000 | 0 | 8 | 09 | 00 | 52 | 50 | 0 | /// | 40 | 8 | 4 | 7 | 8 | 0 | // | // | — | — | 1.2 | — | 1.0 | 9 |
| | Loralai * | 005 | 0 | 8 | 18 | 03 | 97 | 01 | 0 | 100 | 35 | 8 | 1 | 9 | 0 | 8 | 25 | // | — | — | 0.4 | — | 0.3 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 9 | 00 | 00 | 96 | 02 | 0 | 449 | 51 | 0 | 0 | 6 | 0 | 9 | 43 | 50 | — | — | 0.7 | — 2.4 | 0.7 | 9 |
| | Samungli (Quetta) * | 039 | 9 | 6 | 13 | 05 | 96 | 01 | 6 | 460 | 44 | 3 | 4 | 4 | 2 | 1 | 40 | 40 | — | — | 2.2 | — 3.0 | 1.5 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 437 | 54 | 0 | / | 9 | 0 | 0 | 37 | 48 | — 2 | + 9 | 7.7 | + 3.0 | 7.7 | — |
| | Nushki * | 000 | 8 | 4 | 09 | 05 | 57 | 01 | 5 | 496 | 57 | 0 | 0 | 9 | 0 | 2 | 32 | 53 | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin * | 003 | 7 | 6 | 00 | 00 | 55 | 05 | 6 | 435 | 51 | 6 | 0 | 9 | 7 | 0 | 47 | 49 | + 4 | + 8 | 2.3 | — 0.2 | 2.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 23 | 02 | 97 | 0 | 2 | 467 | 45 | 0 | 0 | 9 | 0 | 0 | 28 | 36 | + 5 | + 3 | 0.9 | — 2.7 | 0.9 | — |
| | Khuzdar * | 000 | 9 | 5 | 00 | 00 | 96 | 03 | 1 | 441 | 55 | 5 | 5 | 6 | 0 | 0 | 45 | 56 | | — | — | — | — | 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 24th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_gt_g$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Hinas | 99 2 31 | 10 5 95 | 23 0 03 | 02 8 08 | 99 2 02 | 06 4 28 | 00 9 00 | 17 6 10 | | | 00 7 17 | 17 5 00 | 30 1 01 | 00 0 00 |
| Hinas | 99 2 43 | 10 5 85 | 23 0 62 | 09 0 03 | 98 0 20 | 10 2 24 | 00 9 00 | .. | | | 00 1 19 | 17 5 18 | 30 0 00 | 00 0 80 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPo ToToTo DoDo | hhh TTT, DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 008 210 16 | ... | 460 128 57 | 083 002 39 | 572 127 57 | 738 251 57 | 999 425 // | 209 497 // | 393 613 // | 636 747 // | ... | ... | ... |
| Dacca | 00 00 | 008 224 12 | ... | 470 154 63 | 089 017 62 | 570 165 // | 935 259 63 | 937 391 66 | 204 521 // | 389 557 // | ... | ... | ... | ... |
| Gilgit | ... | | | | | | | | | | | | | |
| Jiwani | ... | | | | | | | | | | | | | |
| Karachi | 00 00 | 087 214 14 | ... | 400 140 35 | 084 060 // | 576 155 // | 741 251 // | 946 341 // | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 996 120 20 | ... | 420 174 45 | 056 070 // | 577 015 // | 756 065 // | 977 151 // | 280 215 // | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 972 110 10 | ... | 450 064 05 | 026 004 05 | 566 187 // | 724 219 // | 940 355 // | 215 491 // | 403 521 // | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 990 110 56 | ... | 480 064 50 | 005 041 62 | 557 201 // | 719 351 // | /// 401 // | 100 505 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT T, DD | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | PmPmPm dndn fmfmfm | $P_tT_tP_tT_tT_{tt}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 156 35 | 800 090 57 | 701 000 34 | 673 027 48 | 632 256 10 | 608 065 47 | 350 349 57 | 206 467 // | 212 467 // | 100 749 // | ... | ... |
| Dacca | 00 00 | 900 198 63 | 800 094 60 | 706 000 50 | 600 081 62 | 350 331 65 | 246 501 // | 212 463 // | ... | ... | 100 291 25 | ... | ... |
| Gilgit | ... | | | | | | | | | | | | |
| Jiwani | ... | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 165 291 35 | ... | ... |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 200 13 | 155 09 | 210 09 | 245 09 | ... | ... | ... | ... | ... | 225 15 | 230 17 | 230 15 | 250 15 | ... | ... |
| Bogra | 230 08 | 230 10 | 230 12 | 265 11 | 275 23 | 280 40 | ... | ... | ... | 350 07 | 240 15 | 325 15 | 260 09 | 245 12 | ... |
| Chaklala | No | Ascent | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... |
| Chhor | 255 11 | 250 14 | 260 15 | 285 13 | 295 15 | 295 22 | ... | ... | ... | 245 17 | 255 30 | 275 39 | 325 17 | ... | ... |
| Chittagong | 195 18 | 205 18 | 215 22 | 240 24 | 240 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chorat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 190 13 | 235 10 | 245 06 | 330 06 | 276 09 | 265 12 | ... | ... | ... | 115 11 | 190 05 | 190 04 | 200 08 | 205 12 | 245 07 |
| Dacca | 225 13 | 265 15 | 265 17 | 245 19 | 270 19 | 250 23 | ... | ... | ... | 200 15 | 210 21 | 320 36 | 245 29 | 250 37 | 250 25 |
| Dalbandin | ... | ... | 250 12 | 245 23 | 240 29 | ... | ... | ... | ... | ... | ... | 050 05 | 135 28 | 245 23 | ... |
| D. I. Khan | 230 07 | 070 09 | 150 10 | ... | ... | ... | ... | ... | ... | 035 03 | 070 05 | 110 05 | ... | ... | ... |
| Drosh | ... | ... | ... | 225 09 | /// // | 185 10 | /// // | 240 13 | ... | ... | ... | ... | 230 02 | 235 02 | 185 10 |
| Fort Sandeman | ... | ... | ... | 290 07 | 260 06 | 235 09 | ... | ... | ... | ... | ... | ... | 075 02 | 140 07 | 285 19 |
| Gilgit | ... | ... | ... | 245 05 | 025 03 | 110 08 | 120 14 | 160 07 | ... | ... | ... | ... | 120 04 | 115 05 | 205 03 |
| Jacobabad | 245 18 | 245 15 | 255 19 | 260 29 | 260 48 | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... |
| Jiwani | 185 12 | 075 10 | 270 07 | 305 13 | ... | ... | ... | ... | ... | 085 21 | 090 19 | 130 06 | 060 04 | 065 03 | 350 01 |
| Jessore | 250 08 | 265 09 | 260 10 | 260 12 | 260 15 | 270 17 | 280 27 | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | 275 16 | 250 07 | 270 03 | 105 08 | 190 07 | 165 17 | ... | ... | ... | 040 06 | 090 12 | 105 12 | 130 12 | 155 17 | ... |
| Jiwani | 245 10 | 275 16 | 275 17 | 280 22 | 285 29 | 280 36 | ... | ... | ... | 140 17 | 240 20 | 245 17 | ... | ... | ... |
| Karachi | 260 12 | 270 15 | 290 25 | 285 23 | 285 37 | ... | ... | ... | ... | 275 15 | 280 19 | 275 23 | ... | ... | ... |
| Khanpur | 030 11 | 040 19 | 045 14 | 165 04 | 260 17 | ... | ... | ... | ... | 035 13 | 035 13 | 045 14 | 055 15 | 340 07 | 245 20 |
| Khuzdar | ... | ... | ... | 265 12 | 265 24 | 250 31 | ... | ... | ... | ... | ... | ... | 250 08 | 265 23 | 285 43 |
| Lahore | 125 08 | 125 08 | 125 04 | 245 10 | 355 19 | 030 02 | ... | ... | ... | 070 08 | 070 11 | 085 15 | 110 12 | 160 09 | 175 06 |
| Multan | 045 14 | 050 11 | 110 07 | 130 09 | 180 15 | ... | ... | ... | ... | 070 13 | 065 17 | 070 12 | 110 13 | 155 02 | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 270 09 | 270 15 | 275 24 | 285 28 | 275 39 | ... | ... | ... | ... | 250 01 | 275 05 | 280 12 | 305 29 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | 050 03 | 070 03 | 075 03 | 125 03 | 230 06 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 295 08 | 280 11 | ... | ... | ... | No | ... | ... | ... | ... | ... |
| Sargodha | 020 05 | 030 08 | 055 07 | 145 10 | 195 14 | 245 25 | ... | ... | ... | 080 10 | 100 09 | 145 03 | 170 08 | 210 11 | 270 02 |
| Skardu | ... | ... | ... | 285 03 | 230 02 | ... | ... | ... | ... | ... | ... | ... | 250 03 | 165 02 | ... |
| Sylhet | 100 15 | 105 02 | 230 17 | 240 23 | ... | ... | ... | ... | ... | 170 11 | 230 05 | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 060 02 | 055 02 | 305 09 | 295 06 | 250 11 | 250 17 | 255 27 | 250 17 | ... | ... | ... |
| Chaklala | ... | 065 09 | 120 12 | 155 11 | 205 06 | ... | ... | ... | ... | ... | ... |
| Chhor | 250 09 | 280 14 | /// // | 280 21 | 280 29 | 270 29 | 260 46 | ... | ... | ... | ... |
| Chittagong | 180 15 | 190 14 | 195 13 | 235 10 | 245 17 | 265 24 | ... | ... | ... | ... | ... |
| Chorat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 180 08 | 185 09 | 185 09 | 200 05 | 260 07 | 215 12 | 285 20 | 295 12 | 290 17 | ... | ... |
| Dacca | 230 14 | 220 17 | 225 15 | 230 18 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 220 02 | 255 16 | 260 23 | 260 23 | 270 33 | 270 35 | 270 46 | 275 40 | ... |
| D. I. Khan | 005 08 | 060 08 | 060 08 | 150 10 | 140 17 | 150 13 | 255 16 | 285 31 | 280 33 | 209 62 | 260 83 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 030 01 | 205 04 | 260 11 | ... | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 060 09 | 045 11 | 050 11 | 110 07 | 225 15 | 265 41 | 250 15 | 250 23 | ... | ... | ... |
| Jessore | 270 03 | 270 07 | 250 08 | 240 15 | 245 21 | 280 29 | ... | ... | ... | ... | ... |
| Jhelum | 020 04 | 115 05 | 130 10 | 160 09 | 200 09 | ... | ... | ... | ... | ... | ... |
| Jiwani | 230 17 | 245 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi | 270 07 | 280 15 | 275 15 | 265 21 | 265 17 | 275 26 | 265 43 | ... | ... | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 230 05 | 260 09 | 270 36 | 290 45 | ... | ... | ... | ... |
| Lahore | 080 04 | 085 06 | 080 08 | 115 13 | 115 12 | 130 13 | ... | ... | ... | ... | ... |
| Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 270 08 | 265 20 | 265 20 | 270 17 | ... | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 325 01 | 125 05 | 125 12 | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 085 03 | 115 08 | 115 08 | 175 06 | 240 08 | 285 12 | 280 / / | 295 39 | ... | ... | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 090 15 | 205 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | ... | | | | | | | | | | | | | | | | | |
| Dacca | ... | | | | | | | | | | | | | | | | | |
| Gilgit | ... | | | | | | | | | | | | | | | | | |
| Jiwani | ... | | | | | | | | | | | | | | | | | |
| Karachi | ... | | | | | | | | | | | | | | | | | |
| Multan | ... | 050 10 | 095 12 | 095 13 | 080 17 | 040 14 | 088 13 | 280 39 | 290 49 | 305 54 | 305 66 | 300 79 | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | | | | | | | | | | | | | | | | | |
| Quetta | ... | | | | | | | | | | | | | | | | | |
| Sargodha | ... | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundards tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

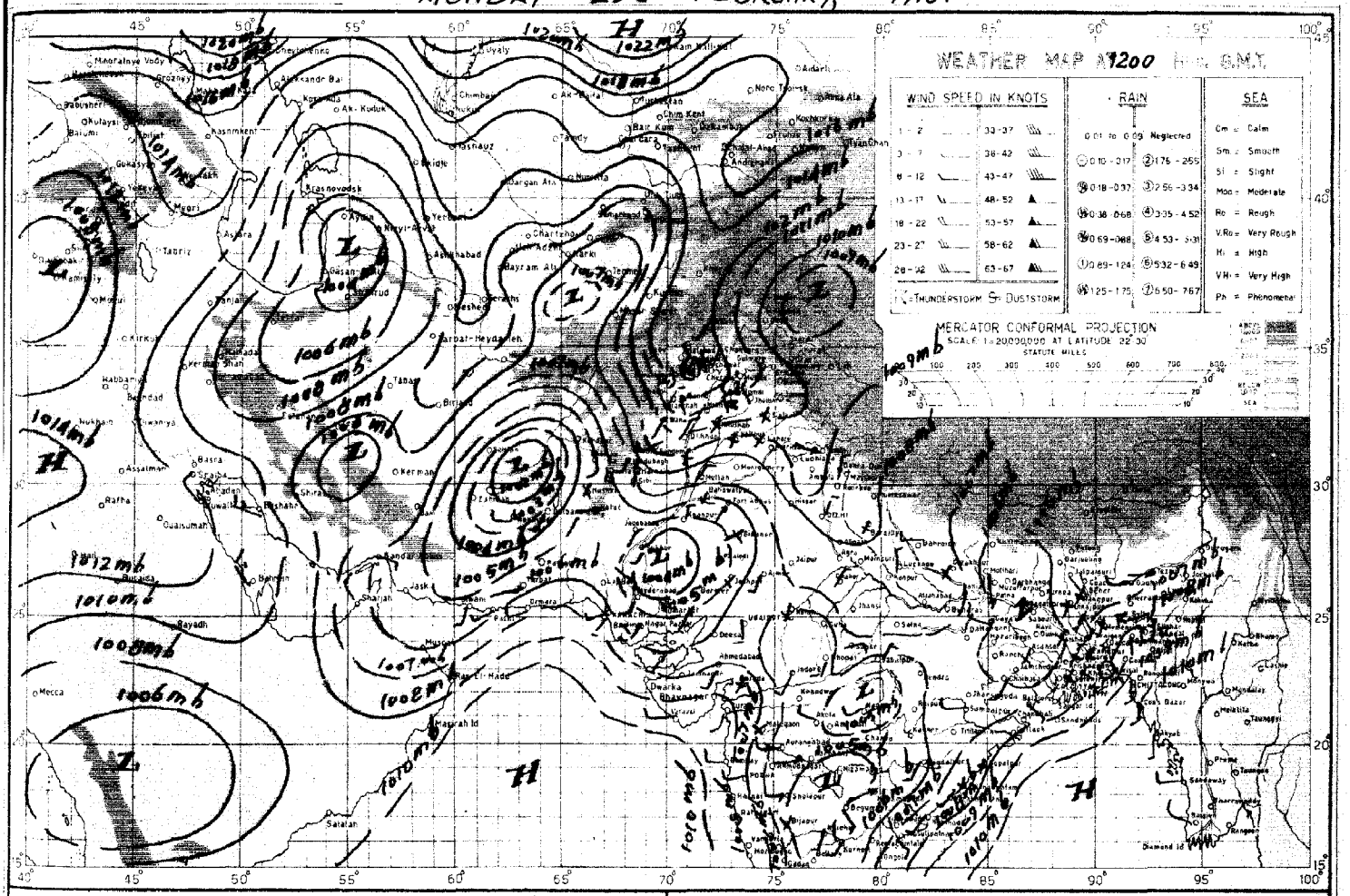
† The actual time of observations may vary within half an hour of the specified time.

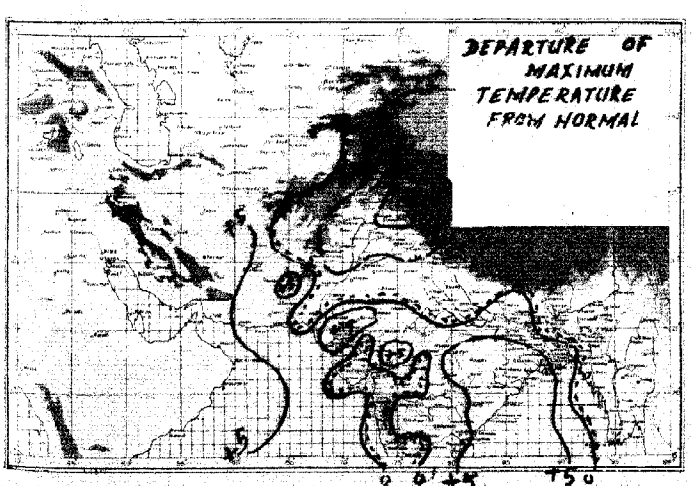
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

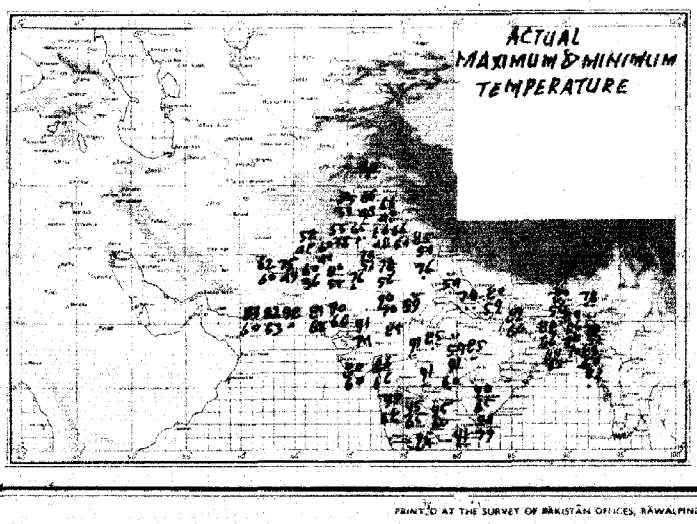
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

MONDAY 23rd FEBRUARY, 1970.




REG. No. 1024-RWXD-61-1,45,008-63.

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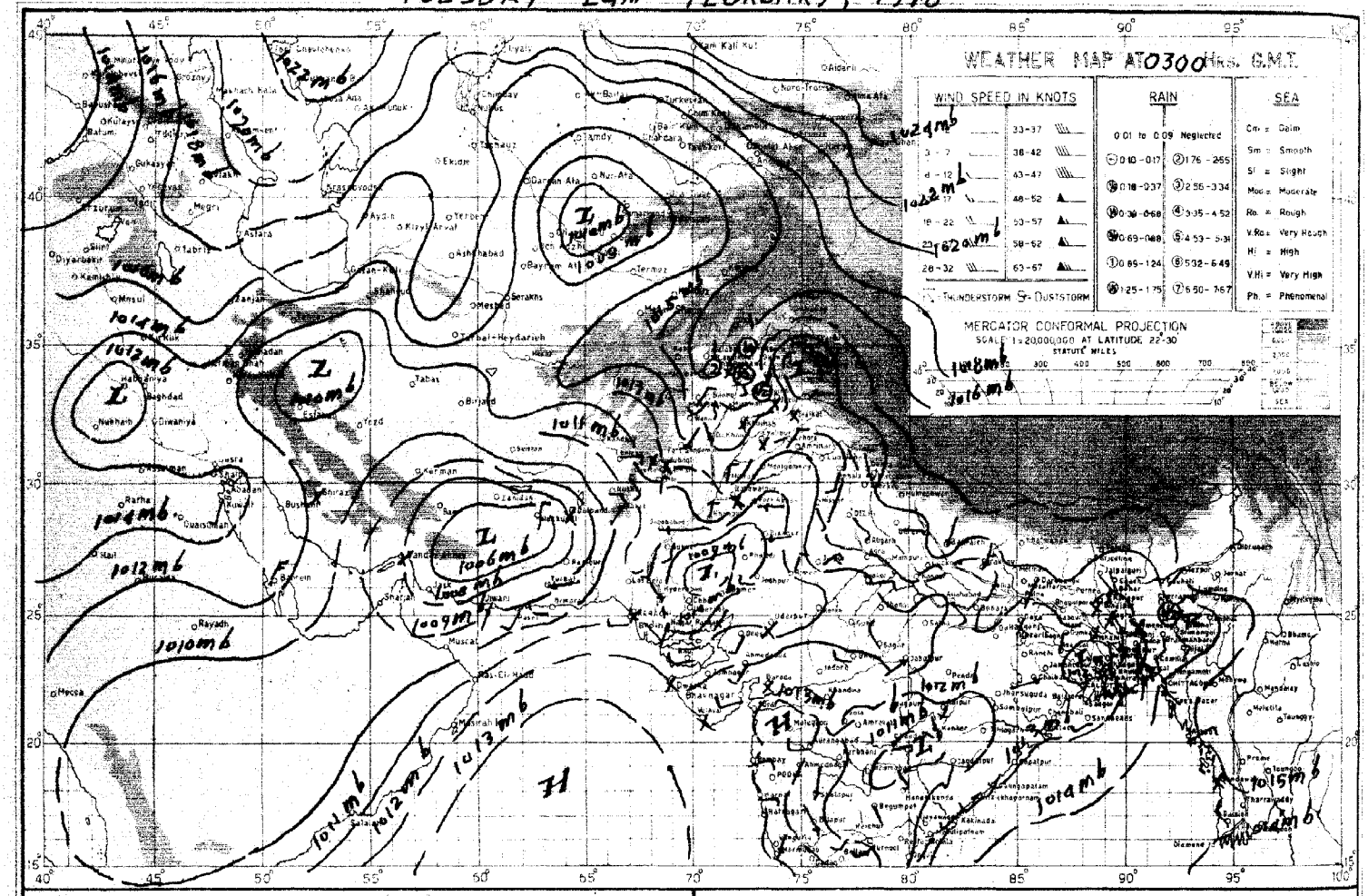
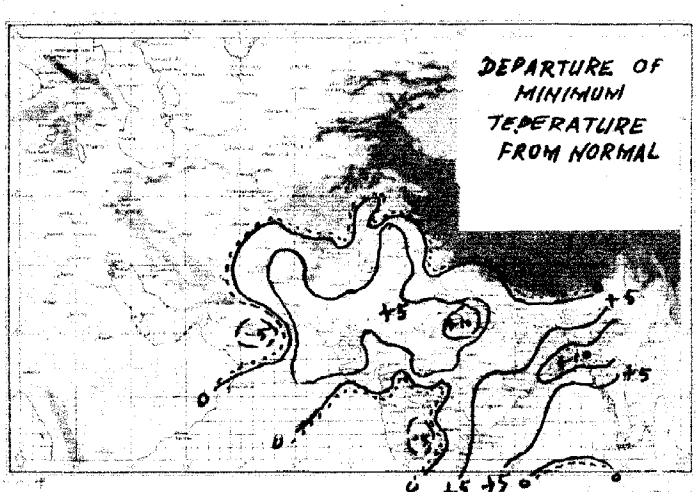
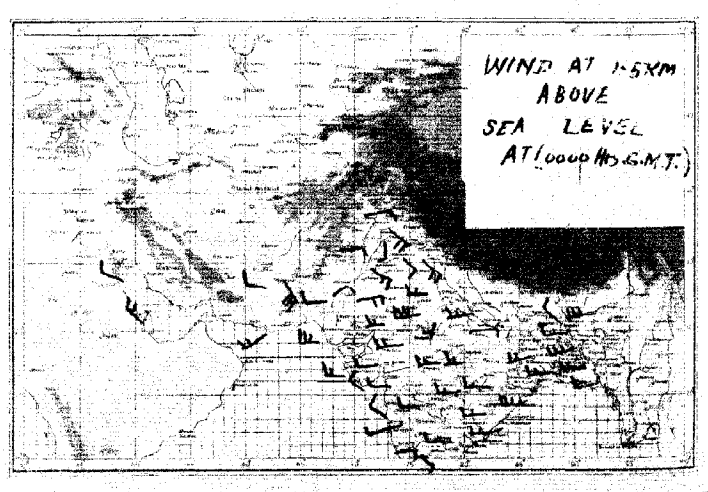
# PAKISTAN DAILY WEATHER MAP

TUESDAY 24th FEBRUARY, 1970

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Reg. No. S-1461
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 25th FEBRUARY 1970.**

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

Yesterday's western disturbance over the northern divisions of west Pakistan moved away northeastwards.

The well marked low pressure area over Rajasthan has shifted slightly eastwards.

The western disturbance over southeast Iran is now moving across Afghanistan with its associated trough extending to Quetta and Kalat divisions.

Rain/thundershowers have been widespread in Malakand and Peshawar divisions, Local in D. I. Khan division and scattered in Rawalpindi, Quetta and Kalat divisions. Light rain/drizzle also occurred at a few places in Multan and Khairpur divisions.

Yesterday's westerly low pressure wave over west Bengal now extend to head Bay of Bengal. Under its influence scattered rain/thundershowers have occurred in Chittagong and Khulna divisions. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are Khulna 1", Rangamati and Chakdra ¾", Peshawar, Kakul, Bannu and Wana ½" each and Rawalpindi, Cherat, Haripur, Landikotal and Parachinar ¼" each.

Night temperatures were 9—10 °F (5—6 °C) above normal in Lahore, Quetta, Karachi and Hyderabad divisions 3—8 °F (2—4 °C) above normal in East Pakistan and 3—5 °F (2—3 °C) so elsewhere in west Pakistan.

**Forecast valid until the evening of 26th February 1970 :**—Local rain/thundershowers are likely to occur in Peshawar, Rawalpindi, Malakand, Khulna and Dacca divisions and in Kashmir and scattered in Quetta, D. I. Khan, Sargodha, Karachi, Hyderabad, Chittagong and Rajshahi divisions.

**Earth Quake Report** :—Seismograph of Geophysical calm Quetta recorded an earthquake of moderate intensity on the 25th February 1970 at 03 hours 49 minutes (WPST). The epicentre lies about 480 miles north east Quetta near Gujerat in west Pakistan.

Karachi-11
The 25th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 23 | 05 | 96 | 01 | | 109 | 78 | 1 | 1 | 7 | 0 | 0 | 70 | 90 |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | | ... | ... | | | | | | ... | ... |
| | Chittagong | 000 | 0 | 4 | 18 | 08 | 96 | 03 | 0 | 107 | 77 | 1 | 2 | 5 | 3 | 0 | 72 | 82 |
| | Maijdee Court | 009 | 0 | 0 | 18 | 05 | 97 | 00 | 0 | 088 | 75 | 0 | 0 | 9 | 0 | 0 | 66 | 82 |
| | Comilla | 000 | 0 | 7 | 21 | 09 | 96 | 29 | 9 | 097 | 72 | 7 | 4 | 4 | 0 | 0 | 65 | 86 |
| | Brahmanbaria | 009 | 0 | 4 | 05 | 07 | 96 | 01 | 1 | 086 | 70 | 4 | 4 | 5 | 0 | 0 | 70 | 84 |
| | Sylhet | 017 | 0 | 6 | 09 | 08 | 96 | 03 | 9 | 094 | 70 | 5 | 4 | 4 | 3 | 0 | 62 | 72 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 9 | 092 | 72 | 0 | 0 | 9 | 3 | 1 | 65 | 84 |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 08 | // | 01 | 1 | 089 | 77 | 4 | 5 | 6 | 0 | 0 | 58 | 83 |
| | Narayanganj | 000 | 0 | 1 | 13 | 02 | // | 03 | 1 | 082 | 82 | 1 | 6 | 6 | 0 | 0 | 70 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 36 | 03 | 96 | 01 | 2 | 085 | 80 | 1 | 1 | 6 | 0 | 0 | 62 | 87 |
| | Faridpur | 000 | 0 | 1 | 34 | 02 | 97 | 01 | 1 | 091 | 82 | 1 | 5 | 6 | 0 | 0 | 62 | 86 |
| Khulna | Barisal | 000 | 0 | 4 | 18 | 10 | 96 | 02 | 0 | 086 | 78 | 5 | 4 | 4 | 0 | 0 | 70 | 86 |
| | Khulna | 000 | 0 | 4 | 18 | 03 | 97 | 02 | 0 | 072 | 85 | 0 | 0 | 9 | 0 | 0 | 82 | 91 |
| | Satkhira | 000 | 0 | 4 | 23 | 04 | 97 | 03 | 2 | 084 | 82 | 4 | 4 | 9 | 0 | 0 | 74 | 91 |
| | Jessore | 000 | 0 | 2 | 36 | 09 | 97 | 03 | 0 | 084 | 82 | 2 | 3 | 4 | 0 | 0 | 60 | 98 |
| Rajshahi | Pabna | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 101 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 86 |
| | Sirajganj | 080 | 0 | 2 | 31 | 02 | 96 | 01 | 2 | 093 | 78 | 2 | 0 | 7 | 4 | 0 | 65 | 82 |
| | Rajshahi | 000 | 0 | 5 | 36 | 02 | 96 | 03 | 0 | 108 | 76 | 4 | 8 | 5 | 0 | 0 | 52 | 83 |
| | Bogra | 000 | 0 | 6 | 36 | 02 | 96 | 03 | 0 | 101 | 74 | 6 | 0 | 9 | 7 | 0 | 62 | 83 |
| | Dinajpur | 000 | 0 | 4 | 00 | 00 | 95 | 01 | 1 | 092 | 72 | 4 | 0 | 9 | 2 | 0 | 51 | 85 |
| | Rangpur | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 469 | 65 | 6 | 0 | 9 | 2 | 0 | 59 | 79 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 1 | 114 | 66 | 3 | 8 | 6 | 2 | 0 | 48 | 70 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 9 | 6 | 34 | 05 | 98 | 01 | 2 | 112 | 66 | 3 | 5 | 6 | 3 | 0 | 48 | 70 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 5 | 8 | 00 | 00 | 98 | 02 | 5 | 131 | 58 | 8 | 4 | 6 | 6 | 0 | 49 | 66 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 039 | 9 | 8 | 00 | 00 | 98 | 24 | 9 | 479 | 42 | 8 | 8 | 0 | 0 | 0 | 38 | 58 |
| | Sargodha | 000 | 9 | 7 | 09 | 03 | 97 | 03 | 2 | 107 | 70 | 2 | 5 | 6 | 3 | 0 | 42 | 72 |
| | Lyallpur | 000 | 0 | 5 | 36 | 02 | 96 | 02 | 3 | 098 | 62 | 5 | 4 | 7 | 0 | 0 | 50 | 65 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 002 | 5 | 1 | 05 | 05 | 97 | 01 | 5 | 107 | 47 | 1 | 3 | 6 | 3 | 0 | 53 | 68 |
| | Leiah | 000 | 0 | 6 | 36 | 02 | 94 | 01 | 2 | 079 | 77 | 6 | 6 | 7 | 0 | 0 | 51 | 77 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 103 | 74 | 0 | 0 | 9 | 0 | 0 | 55 | 74 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdra | 030 | 6 | 8 | 33 | 02 | 96 | 60 | 0 | 145 | 50 | 8 | 5 | 7 | 0 | 0 | 49 | 50 |
| Peshawar | Peshawar | 012 | 4 | 8 | 31 | 02 | 96 | 60 | 1 | 146 | 51 | 4 | 6 | 4 | 2 | 1 | 50 | 52 |
| | Haripur | 001 | 2 | 8 | 36 | 05 | 96 | 03 | 0 | 135 | 55 | 8 | 7 | 6 | 0 | 0 | 42 | 55 |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | | ... | ... | | | | | | ... | ... |
| | D. I. Khan | 000 | 3 | 8 | 00 | 00 | 96 | 02 | 0 | 117 | 66 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| Quetta | Sibi | 000 | 0 | 6 | 36 | 03 | 97 | 03 | 1 | 092 | 79 | 6 | 0 | 9 | 4 | 2 | 62 | 80 |
| | Nokkundi | 000 | 0 | 8 | 31 | 05 | 96 | 02 | 8 | 030 | 79 | 0 | 0 | 9 | 0 | 0 | 39 | 81 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 03 | 98 | 59 | 8 | 101 | 87 | 0 | 0 | 9 | 0 | 0 | 55 | 87 |
| | Jiwani | 000 | 0 | 6 | 18 | 10 | 96 | 02 | 1 | 084 | 77 | 6 | 4 | 9 | 0 | 0 | 67 | 79 |
| | Pasni | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 112 | 84 | 0 | 0 | 9 | 0 | 0 | 71 | 82 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 14 | 96 | 02 | 2 | 093 | 77 | 1 | 6 | 6 | 0 | 0 | 71 | 80 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 2 | 23 | 07 | 97 | 03 | 0 | 097 | 76 | 2 | 5 | 6 | 0 | 0 | 68 | 80 |
| | Karachi (Airport) | 000 | 0 | 1 | 25 | 10 | 96 | 03 | 1 | 087 | 79 | 1 | 6 | 5 | 0 | 0 | 66 | 83 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | /// | 86 | 0 | 0 | 9 | 0 | 0 | 56 | 90 |
| | Chhor | 000 | 0 | 2 | 27 | 02 | 96 | 03 | 2 | 079 | 83 | 0 | 0 | 9 | 0 | 0 | 62 | 95 |
| | Hyderabad | 000 | 0 | 5 | 13 | 03 | 97 | 03 | 1 | 080 | 85 | 3 | 4 | 6 | 0 | 0 | 61 | 87 |
| | Badin | 000 | 0 | 2 | 23 | 06 | 97 | 03 | 0 | 086 | 90 | 0 | 0 | 9 | 0 | 0 | 59 | 91 |
| Khairpur | Padidan | 000 | 0 | 1 | 31 | 05 | 96 | 01 | 0 | 087 | 79 | 1 | 0 | 9 | 2 | 0 | 53 | 79 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 089 | 81 | 0 | 0 | 9 | 0 | 0 | 59 | 83 |
| | Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 09 | 12 | 96 | 02 | 7 | 084 | 79 | 0 | 0 | 9 | 0 | 0 | 46 | 80 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 8 | 23 | 07 | 95 | 02 | 2 | 460 | 45 | 8 | 6 | 6 | / | / | 33 | 52 |
| Peshawar | Cherat * | 005 | 9 | 9 | 16 | 03 | 91 | 50 | 1 | 481 | 43 | / | / | / | / | / | 41 | 49 |
| | Kakul * | 005 | 4 | 8 | 27 | 02 | 97 | 02 | 6 | 477 | 49 | 6 | 7 | 6 | 2 | / | 39 | 49 |
| | Landikotal * | 000 | 0 | 8 | 36 | 02 | 90 | 03 | 4 | 650 | 50 | 0 | 7 | 6 | 0 | 0 | 44 | 48 |
| | Parachinar * | 065 | 6 | 8 | 00 | 00 | 74 | 73 | 7 | 477 | 34 | 8 | 7 | 4 | / | / | 34 | 42 |
| D. I. Khan | Miranshah * | 007 | 3 | 8 | 05 | 05 | 97 | 02 | 0 | 454 | 47 | 8 | 0 | 9 | 0 | 0 | 41 | 49 |
| | Wana * | 010 | 8 | 8 | 13 | 02 | 97 | 50 | 5 | 456 | 44 | 8 | 2 | 7 | 0 | 0 | 42 | 44 |
| Quetta | Fort Sandeman * | 012 | 2 | 9 | 09 | 05 | 96 | 29 | 9 | 452 | 49 | 5 | 9 | 7 | 2 | / | 43 | 57 |
| | Hindubagh * | 000 | 0 | 8 | 23 | 05 | 93 | 03 | 0 | /// | 50 | 8 | 4 | 7 | 0 | 0 | 25 | 52 |
| | Loralai * | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 485 | 56 | 0 | 0 | 9 | 0 | 0 | 38 | 50 |
| | Barkhan * | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 424 | 57 | 0 | 0 | 9 | 0 | 0 | 20 | 66 |
| | Harnai * | 000 | 0 | 9 | 00 | 00 | 96 | 02 | 0 | 446 | 63 | 0 | 0 | 9 | 0 | 0 | 46 | 63 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 27 | 16 | 94 | 03 | 8 | 437 | 57 | 8 | 6 | 9 | 3 | 0 | 39 | 61 |
| | Chaman * | 000 | 0 | 0 | 27 | 09 | 95 | 07 | 0 | 447 | 64 | 0 | 0 | 9 | 0 | 0 | 49 | 66 |
| | Nushki * | 000 | 0 | 0 | 31 | 10 | 94 | 09 | 3 | 490 | 69 | 0 | 0 | 9 | 0 | 0 | 26 | 69 |
| | Dalbandin * | 000 | 0 | 0 | 23 | 09 | 93 | 07 | 3 | 544 | 77 | 0 | 0 | 9 | 0 | 0 | 38 | 79 |
| Kalat | Kalat * | 000 | 8 | 0 | 27 | 02 | 97 | 00 | 2 | 454 | 57 | 0 | 0 | 9 | 0 | 0 | 25 | 50 |
| | Khuzdar * | 010 | 5 | 5 | 27 | 02 | 96 | 02 | 1 | 444 | 75 | 3 | 5 | 6 | 2 | 0 | 26 | 77 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 080 | 9 | 7 | 18 | 09 | 98 | 25 | 9 | 151 | 72 | 6 | 7 | 4 | / | / | 68 | 63 | — | — | 2.4 | — | 1.1 | — |
| | Cox's Bazar | 000 | 0 | 4 | 09 | 05 | 96 | 03 | 0 | 133 | 77 | 1 | 2 | 5 | 3 | 0 | 72 | 66 | — 2 | + 5 | — | — | — | 140 |
| | Chittagong | 000 | 3 | 6 | 13 | 03 | 96 | 17 | 9 | 133 | 75 | 6 | 3 | 4 | 0 | 0 | 70 | 70 | — 2 | + 4 | 1.8 | — 2.2 | 0.6 | 108 |
| | Maijdee Court | 015 | 9 | 0 | 36 | 02 | 97 | 80 | 6 | 130 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 68 | 0 | + 4 | — | — | — | 115 |
| | Comilla | 060 | 0 | 6 | 00 | 00 | 96 | 82 | 0 | 127 | 70 | 0 | 0 | 9 | 3 | 0 | 66 | 65 | + 2 | + 5 | 1.7 | — 1.1 | 1.2 | 94 |
| | Brahmanbaria | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 132 | 73 | 6 | 0 | 9 | 4 | 0 | 64 | 67 | — | — | 2.1 | — 0.4 | 0.8 | 78 |
| | Sylhet | 005 | 5 | 7 | 09 | 02 | 95 | 44 | 4 | 130 | 66 | 7 | 2 | 5 | 3 | 0 | 65 | // | — | — | 6.2 | | 4.7 | — |
| | Srimangal | 005 | 9 | 4 | 18 | 05 | 96 | 01 | 9 | 131 | 73 | 2 | 9 | 5 | 7 | 2 | 66 | 63 | — 1 | + 9 | 3.2 | — 0.2 | 1.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 113 | 72 | 2 | 4 | 6 | 2 | 0 | 63 | 60 | + 2 | + 2 | — | — | — | 91 |
| | Narayanganj | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 131 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 65 | + 1 | + 4 | — | — | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 05 | 05 | 96 | 02 | 0 | 125 | 72 | 7 | 0 | 9 | 4 | 0 | 52 | 65 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 8 | 127 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 63 | + 4 | + 5 | 2.9 | + 0.2 | 1.3 | 71 |
| Khulna | Barisal | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 0 | 127 | 73 | 5 | 4 | 5 | 0 | 0 | 59 | 66 | + 3 | + 4 | 1.1 | — 1.9 | 0.2 | 81 |
| | Khulna | 100 | 9 | 0 | 18 | 03 | 97 | 00 | 0 | 128 | 75 | 0 | 0 | 9 | 0 | 0 | 65 | 66 | + 6 | + 5 | 2.7 | + 0.1 | 1.4 | 68 |
| | Satkhira | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 132 | 72 | 4 | 2 | 7 | 0 | 0 | 58 | 66 | + 5 | + 6 | 0.2 | — 1.0 | 0.0 | 65 |
| | Jessore | 000 | 0 | 0 | 30 | 04 | 96 | 05 | 4 | 124 | 72 | 0 | 0 | 9 | 0 | 0 | 52 | 63 | — | — | 2.4 | — 0.2 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 127 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 63 | — | — | 3.4 | — | 2.4 | 59 |
| | Sirajganj | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 127 | 72 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | 0 | + 4 | 2.1 | — 1.7 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 129 | 66 | 0 | 0 | 9 | 0 | 0 | 58 | 63 | + 1 | + 7 | 4.1 | + 2.4 | 1.2 | — |
| | Bogra | 000 | 0 | 2 | 13 | 03 | 96 | 02 | 0 | 127 | 70 | 2 | 0 | 9 | 7 | 8 | 54 | 59 | 0 | + 3 | 1.7 | — 0.3 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 23 | 03 | 96 | 00 | 0 | 117 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | + 4 | + 1 | 1.6 | + 0.2 | 0.8 | 72 |
| | Rangpur | 000 | 0 | 3 | 23 | 02 | 96 | 01 | 1 | 115 | 66 | 3 | 0 | 9 | 1 | 0 | 63 | 54 | — 1 | 0 | 2.3 | + 0.8 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 09 | 02 | 95 | 05 | 1 | 134 | 60 | 0 | 0 | 9 | 0 | 0 | 48 | 56 | — 5 | + 10 | 0.8 | — 1.7 | 0.8 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 0 | 118 | 58 | 0 | 0 | 9 | 0 | 0 | 50 | 48 | — | 0 | — | — | — | 32 |
| Rawalpindi | Jhelum | 005 | 9 | 7 | 31 | 02 | 97 | 21 | 6 | 141 | 56 | 3 | 5 | 6 | 7 | 0 | 58 | 54 | — | — | 2.2 | — | 2.2 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 027 | 9 | 8 | 00 | 00 | 97 | 41 | 6 | 158 | 52 | 8 | 5 | 6 | 0 | 0 | 50 | 48 | + 1 | + 5 | 4.6 | — 1.7 | 4.4 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 02 | 97 | 03 | 2 | 210 | 48 | 6 | 5 | 5 | 4 | 0 | 46 | 46 | — 15 | — 17 | 0.3 | — 1.8 | 0.3 | 15 |
| | Sargodha | 000 | 0 | 7 | 05 | 02 | 96 | 04 | 1 | 136 | 56 | 4 | 5 | 6 | 1 | 0 | 52 | 51 | — | — | 0.5 | — | 0.4 | — |
| | Lyallpur | 000 | 0 | 0 | 36 | 00 | 95 | 00 | 0 | 131 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 50 | — 9 | + 4 | 0.5 | — 0.7 | 0.5 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 002 | 9 | 3 | 36 | 03 | 97 | 02 | 0 | 138 | 54 | 1 | 5 | 6 | 3 | 0 | 50 | 52 | — 7 | + 3 | 0.2 | — 0.8 | 0.2 | 7 |
| | Leiah | 000 | 0 | 6 | 36 | 02 | 99 | 01 | 2 | 114 | 56 | 6 | 6 | 7 | 0 | 0 | 52 | 52 | — | | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 6 | 05 | 03 | 96 | 05 | 2 | 125 | 58 | 3 | 0 | 9 | 3 | 0 | 50 | 54 | | + 5 | 0.7 | — 0.1 | 0.4 | 6 |
| | Bahawalpur | 000 | 0 | 8 | 00 | 00 | 95 | 00 | 0 | 138 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — 5 | + 4 | 0.0 | — 0.6 | 0.0 | 6 |
| | Fort Abbas | 000 | 0 | 2 | 05 | 02 | 98 | 00 | 2 | 127 | 56 | 0 | 8 | 8 | 3 | 3 | 47 | 56 | | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdra | 070 | 0 | 8 | 00 | 00 | 97 | 01 | 6 | 159 | 45 | 8 | 3 | 7 | 0 | 0 | 41 | 43 | — | — | 3.0 | — | 3.0 | — |
| Peshawar | Peshawar | 039 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 160 | 50 | 3 | 5 | 4 | 2 | 0 | 50 | 50 | — 16 | + 4 | 2.1 | — 1.7 | 1.6 | 11 |
| | Haripur | 021 | 8 | 7 | 05 | 03 | 97 | 03 | 6 | 174 | 46 | 7 | 0 | 9 | 4 | 0 | 45 | 45 | | — | 4.8 | | 2.0 | — |
| D. I. Khan | Bannu | 059 | 0 | 4 | 31 | 01 | 99 | 03 | 2 | 149 | 50 | 4 | 2 | 7 | 4 | 0 | 46 | 48 | — | — | 1.8 | — | 0.8 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 149 | 54 | 0 | 0 | 9 | 0 | 0 | 50 | 50 | — 4 | + 3 | 1.2 | — 0.3 | 1.3 | 9 |
| Quetta | Sibi | 000 | 0 | 4 | 32 | 03 | 97 | 03 | 1 | 124 | 62 | 2 | 2 | 9 | 2 | 2 | 42 | // | — | — | 0.0 | — | 0.0 | 5 |
| | Nokkundi | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 135 | 45 | 0 | 0 | 9 | 0 | 0 | 56 | 53 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 139 | 70 | 0 | 0 | 9 | 0 | 0 | 62 | 66 | — | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 6 | 18 | 03 | 96 | 03 | 1 | 112 | 48 | 6 | 6 | 5 | 0 | 0 | 66 | 67 | — | — | 6.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 4 | 29 | 06 | 97 | 02 | 0 | 117 | 70 | 4 | 0 | 9 | 0 | 0 | 40 | 54 | + 3 | — 4 | 2.5 | — 1.8 | 2.5 | 6 |
| Karachi division | Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 3 | 27 | 03 | 96 | 03 | 0 | 128 | 73 | 3 | 6 | 4 | 0 | 0 | 68 | 72 | + 1 | + 9 | 0.3 | — 0.8 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 2 | 00 | 00 | 90 | 01 | 0 | 114 | 68 | 2 | 6 | 5 | 0 | 0 | 61 | 66 | — | — | 0.3 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 142 | 72 | 0 | 0 | 9 | 0 | 0 | 66 | 72 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 117 | 68 | 0 | 0 | 9 | 0 | 0 | 65 | 65 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 0 | 23 | 02 | 96 | 10 | 0 | 124 | 69 | 0 | 0 | 9 | 0 | 0 | 66 | 67 | + 4 | + 10 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 113 | 69 | 0 | 0 | 9 | 0 | 9 | 64 | 67 | + 6 | + 10 | 0.1 | — 0.7 | 0.1 | — |
| Khairpur | Padidan | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | ... | ... | ... | ... | — | | | | | — |
| | Nawabshah | 000 | 0 | 3 | 31 | 01 | 96 | 03 | 0 | 129 | 60 | 3 | 4 | 5 | 0 | 0 | 55 | 56 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 005 | 9 | 7 | 31 | 05 | 95 | 03 | 2 | 120 | 61 | 7 | 0 | 9 | 9 | 0 | 56 | 58 | — | — | 0.2 | — | 0.2 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 7 | 13 | 05 | 96 | 03 | 2 | 122 | 63 | 9 | 0 | 9 | 7 | / | 53 | 56 | 0 | + 3 | 0.2 | — 0.6 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 015 | 0 | 7 | 00 | 00 | 96 | 01 | 2 | 488 | 40 | 7 | 6 | 5 | 0 | 0 | 36 | 36 | + 1 | + 1 | 1.7 | — | 1.1 | 19 |
| Peshawar | Cherat * | 054 | 9 | 9 | 36 | 05 | 91 | 60 | 6 | 482 | 40 | 9 | 0 | 0 | 0 | 0 | 40 | 40 | — 7 | — 3 | — | — | — | — |
| | Kakul * | 061 | 2 | 8 | 31 | 05 | 96 | 60 | 6 | 486 | 40 | 8 | 7 | 4 | / | / | 40 | 38 | — | — | 7.7 | — | 6.6 | — |
| | Landikotal * | 021 | 2 | 8 | 36 | 02 | 98 | 03 | 8 | 614 | 45 | 8 | 7 | 6 | / | / | 38 | 32 | — | — | — | — | — | 19 |
| | Parachinar * | 000 | 0 | 2 | 00 | 00 | 98 | 01 | 2 | 480 | 34 | 1 | 7 | 5 | 0 | 1 | 32 | 22 | — 10 | — 10 | 2.2 | — | 1.6 | 12 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 95 | 05 | 99 | 00 | 0 | 468 | 48 | 0 | 0 | 9 | 0 | 0 | 38 | // | — | — | 0.0 | — 3.5 | 0.0 | 11 |
| | Wana * | 040 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 475 | 42 | 0 | 0 | 9 | 0 | 0 | 41 | 38 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 012 | 9 | 0 | 00 | 00 | 95 | 05 | 9 | 478 | 39 | / | / | 0 | / | / | 38 | 39 | — 4 | + 2 | 0.9 | — 1.5 | 0.9 | — |
| | Hindubagh * | 030 | 0 | 0 | 00 | 00 | 97 | 10 | 0 | /// | 38 | 0 | 0 | 9 | 0 | 0 | 36 | // | — | — | 1.2 | — | 1.0 | 9 |
| | Loralai * | 000 | 0 | 0 | 27 | 04 | 97 | 00 | 0 | 470 | 49 | 0 | 0 | 9 | 0 | 0 | 35 | // | — | — | 0.4 | — | 0.3 | — |
| | Barkhan * | 000 | 0 | 0 | 31 | 05 | 95 | 02 | 0 | 504 | 39 | 0 | 0 | 9 | 0 | 0 | 07 | 33 | — | — | 0.2 | — | 0.2 | 14 |
| | Harnai * | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 459 | 54 | 0 | 0 | 9 | 0 | 0 | 48 | 50 | — | — | 0.7 | — 2.4 | 0.7 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 5 | 13 | 05 | 96 | 03 | 2 | 473 | 44 | 4 | 4 | 6 | 3 | 0 | 38 | 39 | — | — | 2.2 | — 2.8 | 1.5 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 04 | 0 | 492 | 52 | 0 | 0 | 9 | 0 | 0 | 43 | 48 | + 6 | + 9 | 7.7 | + 2.9 | 7.7 | — |
| | Nushki * | 000 | 8 | 5 | 09 | 05 | 95 | 09 | 3 | 508 | 58 | 0 | 0 | 9 | 0 | 2 | 27 | 53 | — | | 3.0 | — | 2.9 | 4 |
| | Dalbandin * | 000 | 4 | 0 | 00 | 00 | 95 | 05 | 0 | 453 | 50 | 0 | 0 | 9 | 0 | 0 | 35 | 48 | + 8 | + 7 | 2.3 | — 0.2 | 2.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 490 | 45 | 0 | 0 | 9 | 0 | 0 | 34 | 36 | — 5 | + 3 | 0.9 | — 2.8 | 0.9 | — |
| | Khuzdar * | 010 | 3 | 3 | 00 | 00 | 96 | 01 | 9 | 466 | 53 | 3 | 5 | 6 | 0 | 0 | 49 | 53 | — | — | 1.1 | — | 8.8 | 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.

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

[illegible] is given RRR see the summary above for the actual amounts of rainfall

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 25th FEBRUARY, 1970

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGG$i_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_wt_w$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Ohrmazd | 99 1 40 | 10 6 48 | 24 1 20 | 10 0 00 | 99 2 20 | 12 5 27 | 54 / // | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 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 | 008 222 15 | ... | 500 138 20 | 102 044 59 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 008 220 47 | ... | 450 134 56 | 049 030 56 | 569 131 // | 736 221 // | 944 311 // | 225 405 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 997 120 30 | ... | 400 074 00 | 038 004 // | 561 141 // | 726 245 // | 931 351 // | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 973 190 06 | ... | 400 048 27 | 018 041 26 | 570 281 58 | 721 315 // | 918 541 // | 184 527 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 817 056 24 | ... | ... | 040 021 // | 561 195 // | 726 251 // | 929 407 // | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 991 110 58 | ... | 370 090 56 | 963 011 50 | 856 181 // | 720 265 // | 924 351 // | 202 425 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 174 50 | 800 106 56 | 600 031 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 210 08 | 220 12 | 240 14 | 240 16 | 240 15 | ... | ... | ... | ... |
| Bogra | 355 10 | 345 15 | 345 14 | 270 10 | ... | ... | ... | ... | ... |
| Chaklala | ... | 040 07 | 095 08 | 125 05 | 135 10 | ... | | | |
| Chhor | 255 06 | ... | 275 15 | 273 18 | 260 21 | 260 24 | 265 55 | 270 67 | 275 65 |
| Chittagong | 130 13 | 200 15 | 210 15 | 225 15 | 230 20 | 270 29 | 300 47 | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 235 08 | 230 07 | 240 04 | 230 07 | 255 09 | 280 15 | 270 33 | 290 51 | ... |
| Dacca | 305 16 | 290 17 | 290 17 | 240 17 | 240 21 | 240 35 | 245 45 | 270 60 | 270 70 |
| Dalbandin | ... | ... | 240 11 | 255 11 | 260 11 | 255 16 | ... | ... | ... |
| D. I. Khan | 125 04 | 120 07 | 130 07 | 130 01 | 145 12 | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 215 08 | 215 10 | 270 25 | ... | ... | ... |
| Gilgit | ... | ... | | 255 09 | 285 05 | 125 11 | 205 17 | ... | ... |
| Ishurdi | 350 12 | 355 11 | 355 13 | 340 01 | 320 06 | 245 15 | 255 33 | ... | ... |
| Jacobabad | 140 10 | 125 12 | 107 11 | 120 07 | 220 12 | 265 25 | 275 55 | ... | ... |
| Jessore | 345 12 | 345 12 | 325 07 | 235 12 | 225 19 | 215 22 | ... | ... | ... |
| Jhelum | 350 10 | 060 10 | 070 08 | 145 11 | 165 13 | 165 15 | 185 13 | ... | ... |
| Jiwani | 195 07 | 210 08 | ... | ... | ... | ... | ... | ... | ... |
| Karachi | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | 040 10 | 055 10 | 065 08 | 125 04 | 190 05 | 210 09 | 275 13 | 285 13 | ... |
| Khuzdar | ... | ... | | 265 14 | 270 19 | ... | ... | ... | ... |
| Lahore | 155 04 | 135 05 | 140 08 | 150 12 | 140 13 | 155 09 | 250 25 | ... | ... |
| Multan | 050 08 | 085 07 | 105 05 | 200 13 | 215 17 | 270 29 | 275 46 | ... | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 275 09 | 260 07 | 245 17 | 255 37 | 265 38 | 260 46 | 260 46 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 220 10 | ... | ... | ... | ... |
| Sargodha | 110 09 | 105 10 | 115 12 | 135 12 | 165 13 | 185 09 | ... | ... | ... |
| Skardu | ... | ... | ... | ... | ... | 215 01 | ... | ... | ... |
| Sylhet | 090 12 | 070 20 | 315 11 | 260 32 | 245 43 | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 265 04 | 245 13 | 230 19 | 270 21 | 290 24 | ... |
| Bogra | 285 12 | 285 11 | 260 11 | 270 13 | 275 30 | 280 45 |
| Chaklala | No | Ascent | ... | ... | ... | ... |
| Chhor | ... | ... | ... | ... | ... | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 205 09 | 220 10 | 245 12 | 265 17 | 265 18 | ... |
| Dacca | 360 08 | 290 12 | 260 25 | 265 13 | 285 31 | 280 30 |
| Dalbandin | ... | ... | 065 14 | 090 17 | 180 14 | 225 15 |
| D. I. Khan | 025 03 | 060 02 | 090 03 | 175 01 | 215 03 | 270 05 |
| Drosh | ... | ... | ... | 250 02 | 200 03 | 210 02 |
| Fort Sandeman | ... | ... | ... | 245 07 | 230 15 | ... |
| Gilgit | ... | ... | ... | 275 08 | 260 02 | 275 06 |
| Ishurdi | 335 15 | 335 12 | 270 04 | 255 23 | 260 37 | 260 45 |
| Jacobabad | 095 20 | 095 11 | 085 07 | 035 05 | 050 08 | 325 04 |
| Jessore | ... | ... | ... | ... | ... | ... |
| Jhelum | 065 12 | 090 18 | 090 19 | 145 15 | 180 13 | 160 18 |
| Jiwani | 275 05 | 275 12 | 270 16 | 280 20 | ... | ... |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 010 10 | 035 11 | 030 15 | 135 02 | 250 09 | ... |
| Khuzdar | ... | ... | ... | 205 06 | 235 15 | 250 17 |
| Lahore | ... | ... | ... | ... | ... | ... |
| Multan | 025 11 | 085 03 | 180 02 | 255 12 | 280 13 | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 095 07 | 125 01 | 215 13 | 250 19 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 215 02 | 165 02 | 165 03 | 090 07 | 050 05 |
| Parachinar | ... | ... | ... | ... | ... | ... |
| Quetta | No | ... | ... | ... | ... | ... |
| Sargodha | 110 08 | 155 08 | 165 08 | 195 10 | 230 12 | 290 10 |
| Skardu | ... | ... | ... | 035 01 | /// // | ... |
| Sylhet | 320 05 | 285 08 | 265 09 | 250 27 | 265 37 | 270 46 |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 335 03 | 270 07 | 260 07 | 250 07 | 250 10 | ... | ... | ... | ... | ... | ... |
| Bogra | 310 08 | 200 18 | 200 13 | 270 22 | 275 33 | 275 43 | ... | ... | ... | ... | ... |
| Chaklala | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor | 265 08 | 270 10 | 270 13 | 290 15 | 295 18 | ... | ... | ... | ... | ... | ... |
| Chittagong | 180 15 | 180 20 | 195 20 | 210 19 | ... | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 145 08 | 215 09 | 215 10 | 280 18 | 270 15 | 360 04 | 355 13 | ... | ... | ... | ... |
| Dacca | 330 01 | 280 01 | 300 04 | 290 03 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 145 01 | 230 04 | 245 19 | 255 27 | 266 39 | 270 49 | 270 56 | 265 68 | 277 64 |
| D. I. Khan | 035 06 | 050 10 | 050 10 | 050 04 | 265 08 | 265 17 | 280 23 | 275 33 | 275 29 | 255 50 | 260 52 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 275 03 | 290 06 | 265 17 | 310 25 | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 285 05 | 285 03 | 250 05 | 285 14 | 285 27 | ... | ... | ... | ... | ... | ... |
| Jacobabad | 110 12 | 125 10 | 150 09 | 175 06 | 195 05 | 245 06 | 290 09 | ... | ... | ... | ... |
| Jessore | 050 02 | 290 03 | 260 08 | 280 17 | 280 29 | 275 35 | 275 48 | ... | ... | ... | ... |
| Jhelum | 070 06 | 060 13 | 105 10 | 155 12 | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 260 09 | 260 14 | 260 17 | 270 22 | 275 31 | ... | ... | ... | ... | ... | ... |
| Karachi | 250 14 | 255 09 | 270 08 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | 045 07 | 065 08 | 205 09 | 145 02 | 195 08 | 145 07 | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 130 03 | 140 04 | 135 06 | 130 10 | 185 08 | 250 10 | 270 15 | 285 39 | 280 41 | 275 37 | 265 54 |
| Multan | 025 07 | 140 05 | 140 01 | 230 07 | 190 12 | 245 18 | 250 31 | ... | ... | ... | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 155 03 | 265 11 | 275 13 | 280 16 | 300 22 | 325 26 | 320 26 | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 140 02 | 330 06 | 335 08 | 360 05 | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | /// // | 150 11 | 245 07 | ... | ... | ... | ... | ... |
| Sargodha | 070 06 | 150 04 | 175 02 | 205 04 | 200 11 | ... | ... | ... | ... | ... | ... |
| Skardu | ... | ... | ... | 215 01 | /// // | ... | ... | ... | ... | ... | ... |
| Sylhet | 050 03 | 300 05 | 285 12 | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | ..4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 255 08 | 255 13 | 260 14 | 270 22 | 270 21 | 285 31 | 280 38 | 275 43 | 280 49 | 285 64 | 285 97 | ... | ... | ... | ... | ... | ... | ... |
| Multan | 180 16 | 145 07 | 100 07 | 050 16 | 295 33 | 295 37 | | | | | | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIili 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.

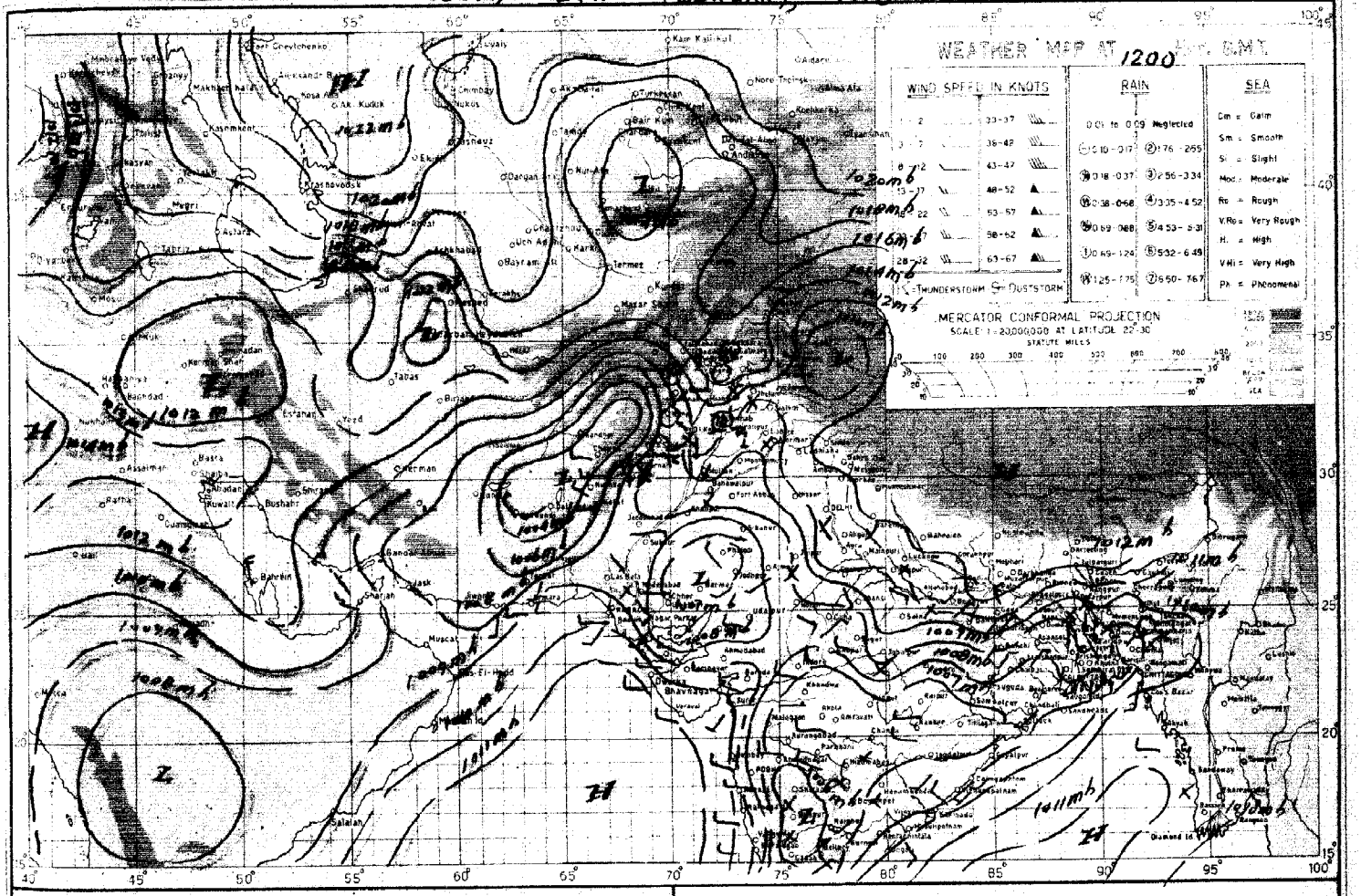
† The actual time of observations may vary within half an hour of the specified time.

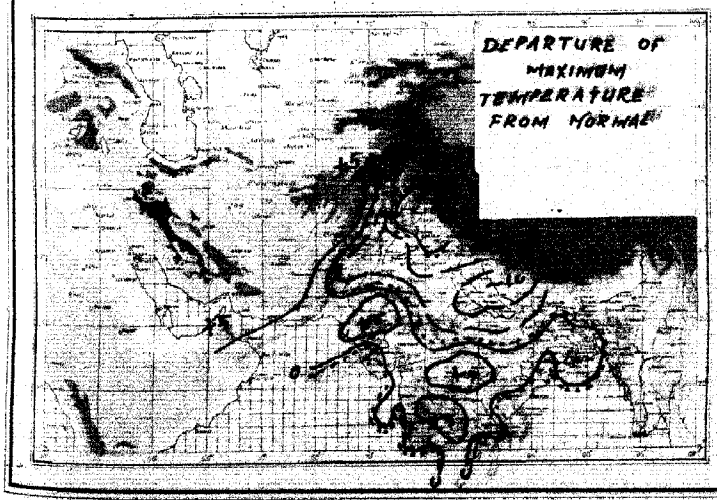
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East.; The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

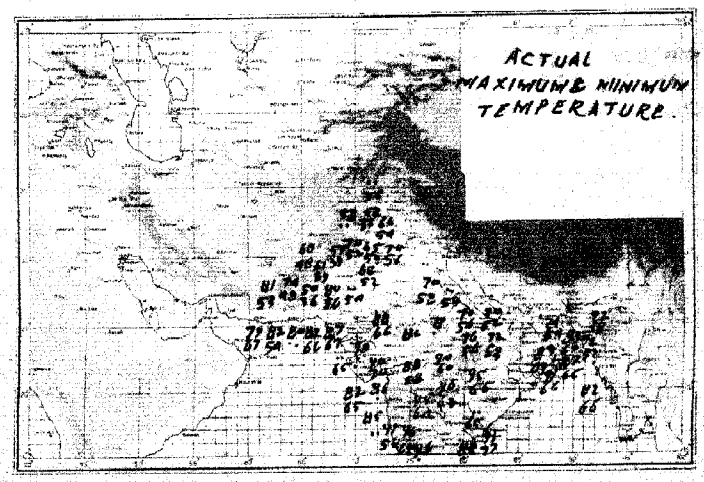
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

TUESDAY 24TH FEBRUARY, 1970

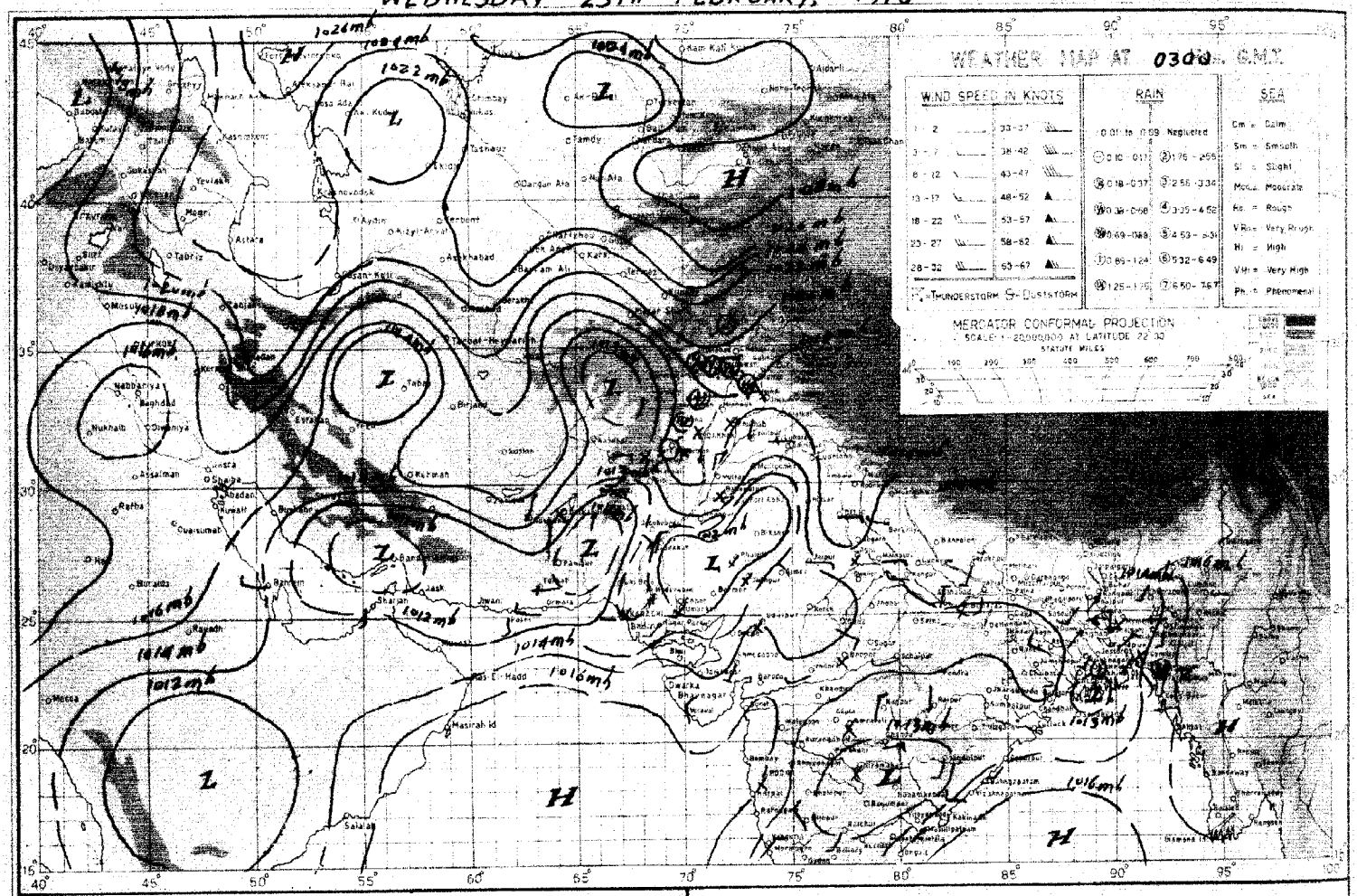


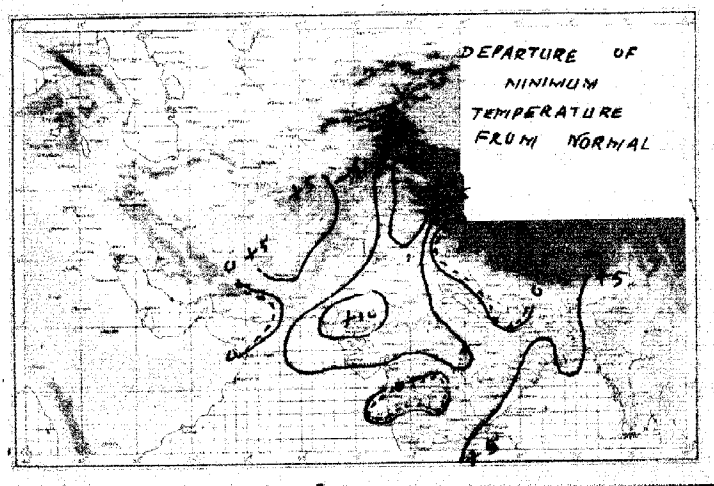



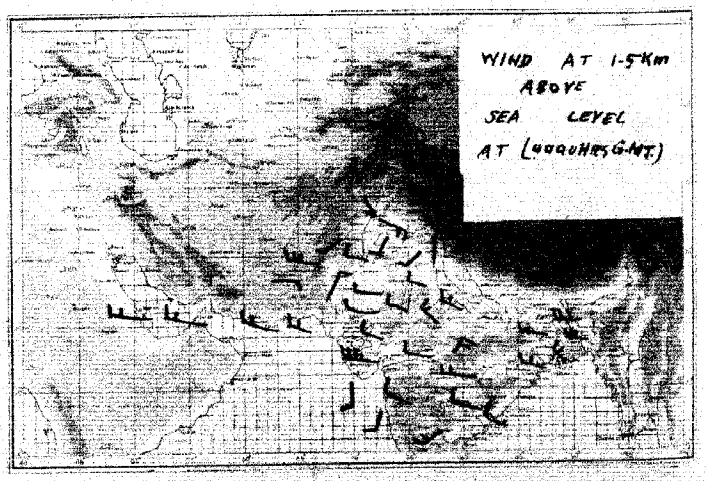



# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25TH FEBRUARY, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 26th FEBRUARY 1970.**

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

Yesterday's western disturbance over Afghanistan has moved away eastwards.

The low pressure area over Rajasthan persists.

A fresh western disturbance lies over southeast Iran and adjoining Kalat divisions.

A trough of low pressure area lies over west Bengal and adjoining areas.

Scattered thunderstorms/showers have occurred in Sargodha division. A few thunderstorms/light rain have also been reported from Chittagong, Lahore, Rawalpindi, Multan, Peshawar, D. I. Khan and Quetta divisions. Lyallpur recorded ¼" of rainfall.

Weather remained dry elsewhere over the country.

Night temperatures were 3—6 °F (2—3 °C) above normal in Dacca, Rajshahi, Lahore, Rawalpindi, Sargodha, Peshawar and D. I. Khan divisions and 7—10 °F (4—6 °C) so in Chittagong, Khulna, Quetta, Karachi, Hyderabad and Khairpur divisions and were nearly normal elsewhere over the country.

**Forecast valid until the evening of 27th February 1970 :**—Thunderstorm/showers will be local in D. I. Khan, Peshawar, Lahore, Rawalpindi and Chittagong divisions and in Kashmir and scattered elsewhere over the country.

Karachi-11
The 26th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions | Stations (1) | 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 | 6 | 7 | 31 | 02 | 97 | 02 | 1 | 113 | 76 | 6 | 7 | 4 | 7 | | 70 | 85 |
| | Cox's Bazar | 000 | 0 | 6 | 18 | 08 | 96 | 02 | 0 | 101 | 77 | 3 | 4 | 5 | 4 | 0 | 72 | 82 |
| | Chittagong | 000 | 7 | 6 | 18 | 03 | 96 | 17 | 9 | 103 | 77 | 4 | 9 | 4 | 2 | 0 | 74 | 82 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 082 | 80 | 0 | 0 | 9 | 0 | 0 | 66 | 74 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 093 | 76 | 0 | 0 | 9 | 0 | 0 | 70 | 82 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 1 | 092 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 85 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 092 | 80 | 0 | 0 | 9 | 0 | 0 | 80 | 82 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 094 | 74 | 0 | 0 | 9 | 0 | 0 | 62 | 85 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 089 | 74 | 0 | 0 | 9 | 0 | 0 | 66 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 091 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 85 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 094 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 85 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 085 | 82 | 0 | 0 | 9 | 0 | 0 | 78 | 91 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 089 | 85 | 0 | 0 | 9 | 0 | 0 | 66 | 88 |
| | Jessore | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 087 | 80 | 0 | 0 | 9 | 0 | 0 | 62 | 86 |
| Rajshahi | Pabna | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 094 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 65 |
| | Sirajganj | 000 | 0 | 0 | 18 | 01 | // | 02 | 0 | 084 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Rajshahi | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 089 | 78 | 2 | 6 | 5 | 0 | 0 | 76 | 85 |
| | Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 086 | 78 | 0 | 0 | 9 | 0 | 0 | 55 | 82 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 089 | 74 | 0 | 0 | 9 | 0 | 0 | 55 | 80 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 066 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 82 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 0 | 093 | 72 | 4 | 5 | 7 | 3 | 0 | 55 | 78 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 005 | 0 | 6 | 31 | 05 | 98 | 03 | 2 | 111 | 66 | 3 | 5 | 6 | 6 | 0 | 51 | 70 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 6 | 7 | 36 | 02 | 98 | 02 | 5 | 127 | 60 | 7 | 0 | 9 | 7 | 0 | 49 | 62 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 36 | 11 | 97 | 02 | 2 | 103 | 66 | 3 | 3 | 8 | 5 | 0 | 66 | 72 |
| | Sargodha | 000 | 0 | 7 | 05 | 05 | 97 | 02 | 3 | 105 | 70 | 4 | 3 | 6 | 2 | 0 | 62 | 72 |
| | Lyallpur | 000 | 3 | 5 | 36 | 02 | 96 | 50 | 5 | 085 | 70 | 5 | 9 | 7 | 0 | 0 | 58 | 74 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 1 | 7 | 00 | 00 | 97 | 17 | 2 | 094 | 72 | 5 | 9 | 5 | 2 | 0 | 54 | 74 |
| | Leiah | 000 | 0 | 8 | 36 | 04 | 96 | 02 | 2 | 046 | 78 | 8 | 1 | 7 | 0 | 0 | 51 | 79 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur | 000 | 0 | 4 | 00 | 00 | 95 | 00 | 0 | 082 | 74 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| | Fort Abbas | 000 | 0 | 2 | 27 | 02 | 97 | 03 | 1 | 090 | 76 | 2 | 2 | 9 | 0 | 0 | 66 | 76 |
| Malakand | Chakdra | 000 | 0 | 5 | 23 | 05 | 97 | 01 | 1 | 093 | 59 | 5 | 0 | 9 | 4 | 0 | 48 | 60 |
| Peshawar | Peshawar | 000 | 0 | 7 | 13 | 02 | 97 | 02 | 2 | 122 | 62 | 3 | 4 | 6 | 0 | 1 | 51 | 62 |
| | Haripur | 000 | 0 | 7 | 23 | 02 | 97 | 03 | 2 | 134 | 58 | 7 | 0 | 9 | 0 | 5 | 50 | 58 |
| D. I. Khan | Bannu | 000 | 0 | 6 | 09 | 02 | 98 | 03 | 2 | 108 | 62 | 4 | 2 | 7 | 4 | 0 | 49 | 65 |
| | D. I. Khan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 113 | 66 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| Quetta | Sibi | 000 | 0 | 2 | 36 | 03 | 97 | 03 | 1 | 072 | 80 | 6 | 9 | 9 | 0 | 0 | 62 | 8 |
| | Nokkundi | 000 | 0 | 8 | 31 | 05 | 97 | 02 | 0 | 045 | 76 | 0 | 8 | 9 | 0 | 0 | // | 79 |
| Kalat | Turbat | 000 | 0 | 0 | 37 | 02 | 98 | 00 | 0 | 117 | 82 | 0 | 0 | 9 | 0 | 0 | 57 | 82 |
| | Jiwani | 000 | 0 | 6 | 13 | 09 | 96 | 01 | 2 | 085 | 77 | 4 | 5 | 5 | 2 | 0 | 65 | 81 |
| | Pasni | 000 | 0 | 8 | 25 | 06 | 97 | 00 | 3 | 104 | 78 | 4 | 4 | 9 | 0 | 0 | 65 | 84 |
| Karachi division | Ormara | 000 | 0 | 6 | 27 | 07 | 96 | 06 | 6 | 059 | 80 | 5 | 0 | 9 | 3 | 0 | 66 | 82 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 6 | 23 | 07 | 97 | 20 | 3 | 101 | 77 | 0 | 0 | 9 | 0 | 4 | 70 | 79 |
| | Karachi (Airport) | 000 | 0 | 7 | 23 | 03 | 96 | 02 | 2 | 084 | 79 | 4 | 6 | 5 | 3 | 0 | 67 | 81 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 120 | 86 | 6 | 6 | 6 | 0 | 0 | 59 | 93 |
| | Chhor | 000 | 0 | 3 | 23 | 09 | 96 | 01 | 2 | /// | // | 2 | 5 | 9 | 3 | 0 | 63 | 85 |
| | Hyderabad | 000 | 0 | 2 | 23 | 05 | 97 | 01 | 1 | 074 | 83 | 2 | 0 | 9 | 2 | 0 | 63 | 85 |
| | Badin | 000 | 0 | 8 | 23 | 07 | 96 | 03 | 8 | 089 | 79 | 0 | 0 | 9 | 0 | 0 | 63 | 85 |
| Khairpur | Padidan | 000 | 0 | 5 | 13 | 07 | 96 | 01 | 2 | 073 | 80 | 1 | 1 | 7 | 5 | 0 | 57 | 82 |
| | Nawabshah | 000 | 0 | 3 | 13 | 05 | 96 | 02 | 1 | 079 | 83 | 0 | 0 | 9 | 0 | 5 | 60 | 84 |
| | Sukkur | 000 | 0 | 7 | 23 | 02 | 95 | 03 | 2 | 084 | 80 | 7 | 0 | 9 | 9 | 0 | 64 | 82 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | / | 11 | 02 | 97 | 01 | 0 | 081 | 77 | 0 | 0 | 9 | 9 | 1 | 58 | 78 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * | 000 | 0 | 6 | 36 | 03 | 98 | 02 | 5 | 462 | 48 | 6 | 0 | 9 | 6 | 0 | 42 | 51 |
| | Kakul * | 012 | 5 | 7 | 31 | 03 | 97 | 01 | 6 | 472 | 49 | 5 | 4 | 5 | 7 | 0 | 42 | 50 |
| | Landikotal * | 000 | 0 | 6 | 36 | 02 | 98 | 03 | 1 | 624 | 51 | 6 | 7 | 6 | / | / | 38 | 53 |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D. I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 97 | 02 | 0 | 474 | 60 | 6 | 0 | 9 | 0 | 0 | 41 | 62 |
| | Wana * | 000 | 0 | 8 | 00 | 00 | 95 | 00 | 0 | 455 | // | 8 | 2 | 8 | 0 | 0 | 48 | 58 |
| Quetta | Fort Sandeman * | 000 | 0 | 8 | 31 | 03 | 96 | 03 | 4 | 455 | 53 | 6 | 7 | 6 | 2 | 1 | 35 | 60 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 03 | 95 | 02 | 0 | /// | 55 | 0 | 0 | 9 | 0 | 0 | 25 | 82 |
| | Loralai * | 000 | 0 | 8 | 27 | 03 | 98 | 01 | 0 | 495 | 52 | 0 | 1 | 9 | 0 | 8 | 38 | 55 |
| | Barkhan * | 000 | 0 | 8 | 23 | 02 | 97 | 03 | 2 | 521 | 57 | 8 | 7 | 7 | 0 | 0 | 00 | 66 |
| | Harnai * | 000 | 0 | 4 | 13 | 02 | 97 | 02 | 0 | 443 | 66 | 0 | 0 | 7 | 0 | 0 | 34 | 68 |
| | Samungli (Quetta) * | 001 | 1 | 4 | 05 | 03 | 96 | 01 | 9 | 447 | 37 | 4 | 4 | 6 | 0 | 0 | 39 | 59 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 447 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 66 |
| | Nushki * | 000 | 0 | 0 | 27 | 08 | 96 | 09 | 3 | 501 | 71 | 0 | 0 | 9 | 0 | 0 | 37 | 74 |
| | Dalbandin * | 000 | 0 | 0 | 23 | 09 | 94 | 07 | 9 | 459 | 75 | 0 | 0 | 9 | 0 | 0 | 34 | 77 |
| Kalat | Kalat * | 000 | 0 | 0 | 05 | 02 | 93 | 00 | 2 | 448 | 51 | 0 | 0 | 9 | 0 | 0 | 37 | 60 |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions | Stations (1) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths)* PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 9 | 1 | 10 | 02 | 97 | 01 | 1 | 130 | 75 | 1 | 1 | 7 | 0 | 0 | 72 | 70 | — | — | 2.4 | — | 1.1 | — |
| | Cox's Bazar | 000 | 0 | 3 | 13 | 03 | 96 | 05 | 0 | 133 | 77 | 2 | 2 | 4 | 1 | 0 | 73 | 66 | — 2 | + 3 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 4 | 09 | 02 | 96 | 02 | 2 | 132 | 79 | 4 | 4 | 4 | 0 | 0 | 72 | 70 | — 2 | + 8 | 1.8 | — 2.3 | 0.6 | 148 |
| | Maijdee Court | 000 | 9 | 6 | 18 | 03 | 96 | 03 | 2 | 130 | 75 | 2 | 2 | 5 | 2 | 0 | 70 | 72 | — 8 | + 7 | — | — | — | 115 |
| | Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 137 | 73 | 0 | 0 | 9 | 3 | 0 | 70 | 68 | — 2 | + 6 | 1.7 | — 1.2 | 1.2 | 94 |
| | Brahmanbaria | 000 | 0 | 4 | 18 | 05 | 97 | 03 | 1 | 136 | 73 | 4 | 5 | 5 | 0 | 0 | 65 | 65 | — | — | 2.1 | — 0.4 | 0.8 | 78 |
| | Sylhet | 000 | 0 | 0 | 03 | 00 | 96 | 03 | 0 | 129 | 70 | 6 | 6 | 3 | 0 | 0 | 65 | 63 | — | — | 6.2 | | 4.7 | — |
| | Srimangal | 000 | 0 | 5 | 00 | 00 | 95 | 47 | 0 | 132 | 72 | 3 | 5 | 5 | 7 | 2 | 70 | 63 | 0 | + 8 | 3.2 | — 0.2 | 1.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 136 | 73 | 2 | 4 | 6 | 2 | 0 | 63 | 63 | | + 4 | — | — | — | 91 |
| | Narayanganj | 000 | 8 | 2 | 13 | 02 | 97 | 02 | 1 | 132 | 80 | 2 | 6 | 6 | 0 | 0 | 60 | 68 | + 1 | + 5 | — | — | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 1 | 129 | 75 | 6 | 9 | 9 | 5 | 0 | 58 | 65 | | | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 2 | 07 | 02 | 97 | 01 | 1 | 133 | 75 | 2 | 4 | 6 | 0 | 0 | 63 | 63 | + 3 | + 3 | 2.9 | + 0.1 | 1.3 | 71 |
| Khulna | Barisal | 000 | 0 | 4 | 03 | 03 | 96 | 28 | 4 | 132 | 73 | 4 | 6 | 4 | 0 | 0 | 72 | 70 | | + 6 | 1.1 | — 1.9 | 0.2 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 138 | 79 | 0 | 0 | 9 | 0 | 0 | 72 | 70 | + 6 | + 8 | 2.7 | + 0.1 | 1.4 | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 132 | 75 | 0 | 0 | 9 | 0 | 0 | 63 | 66 | + 2 | + 4 | 0.2 | — 2.1 | 0.0 | 65 |
| | Jessore | 000 | 0 | 4 | 03 | 08 | 96 | 05 | 1 | 127 | 73 | 1 | 2 | 6 | 4 | 0 | 59 | 63 | — | — | 2.4 | — 0.3 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 21 | 02 | 98 | 02 | 0 | 122 | 75 | 0 | 0 | 9 | 0 | 0 | 61 | 65 | — | — | 3.4 | — | 2.4 | 59 |
| | Sirajganj | 000 | 0 | 2 | 00 | 00 | 98 | 03 | 0 | 128 | 73 | 2 | 0 | 7 | 4 | 0 | 60 | 63 | — 2 | + 4 | 2.1 | + 0.2 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 1 | 136 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 63 | + 3 | + 5 | 4.1 | + 2.4 | 1.2 | — |
| | Bogra | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 125 | 73 | 2 | 5 | 5 | 0 | 8 | 58 | 60 | + 1 | + 1 | 1.7 | — 0.3 | 0.5 | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 139 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | // | — 1 | // | 1.6 | + 0.2 | 0.8 | 72 |
| | Rangpur | 000 | 0 | 2 | 13 | 02 | 96 | 03 | 0 | 112 | 66 | 2 | 0 | 9 | 1 | 0 | 63 | 56 | + 2 | + 1 | 2.3 | + 0.8 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 006 | 6 | 2 | 27 | 02 | 96 | 02 | 1 | 140 | 58 | 2 | 0 | 9 | 3 | 0 | 52 | 54 | + 3 | + 6 | 0.9 | — 1.7 | 0.9 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Rawalpindi | Jhelum | 006 | 7 | 7 | 10 | 02 | 97 | 03 | 9 | 149 | 56 | 5 | 5 | 6 | 0 | 0 | 52 | 56 | — | — | 2.3 | — | 2.2 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 006 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 158 | 52 | 7 | 5 | 6 | 0 | 0 | 48 | 48 | — 5 | + 3 | 4.6 | — 1.7 | 4.5 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 015 | / | 8 | 00 | 00 | 97 | 03 | 5 | 148 | 49 | 6 | 5 | 8 | 4 | 0 | 44 | 48 | — | — 2 | 0.4 | — 1.7 | 0.4 | 15 |
| | Sargodha | 000 | 0 | 7 | 05 | 03 | 96 | 02 | 1 | 144 | 56 | 7 | 4 | 6 | 0 | 0 | 52 | 52 | — | — | 0.5 | — | 0.4 | — |
| | Lyallpur | 025 | 9 | 0 | 36 | 02 | 96 | 00 | 9 | 140 | 58 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | 0 | + 4 | 0.8 | — 0.5 | 0.8 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 19 |
| | Multan | 003 | 9 | 4 | 36 | 05 | 97 | 01 | 9 | 138 | 56 | 3 | 5 | 5 | 3 | 0 | 52 | 52 | — 1 | + 1 | 0.3 | — 0.8 | 0.3 | 7 |
| | Leiah | 000 | 0 | 8 | 08 | 00 | 92 | 03 | 2 | 150 | 54 | 5 | 8 | 7 | 0 | 0 | 52 | 52 | — | — | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Bahawalpur | 00/ | / | 0 | 36 | 02 | 96 | 02 | 0 | 079 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — | + 4 | 0.7 | — 0.1 | 0.4 | 6 |
| | Fort Abbas | /// | / | 0 | 00 | 00 | 98 | 00 | 0 | 125 | 58 | 0 | 0 | 9 | 0 | 0 | 43 | 56 | — 2 | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdra | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | /// | 46 | 0 | 0 | 9 | 0 | 3 | 45 | 45 | — | — | 3.0 | — | 3.0 | — |
| Peshawar | Peshawar | 000 | 0 | 4 | 18 | 01 | 96 | 03 | 2 | 151 | 50 | 0 | 0 | 9 | 0 | 2 | 45 | 46 | — 6 | — 1 | 2.1 | — 1.8 | 1.6 | 11 |
| | Haripur | 000 | 8 | 8 | 05 | 03 | 97 | 03 | 2 | 152 | 54 | 8 | 5 | 6 | 0 | 8 | 45 | 45 | — | — | 4.0 | — | 2.0 | — |
| D. I. Khan | Bannu | 000 | 0 | 4 | 07 | 01 | 98 | 03 | 1 | 145 | 48 | 6 | 2 | 7 | 0 | 0 | 46 | 46 | — | — | 1.3 | — | 0.8 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 148 | 60 | 0 | 0 | 9 | 0 | 0 | 52 | 54 | — 4 | + 5 | 1.2 | — 0.3 | 1.2 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 31 | 03 | 97 | 03 | 1 | 132 | 60 | 4 | 2 | 9 | 4 | 2 | 52 | 58 | — | — | 0.0 | — | 0.0 | 8 |
| | Nokkundi | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 195 | 56 | 4 | 0 | 9 | 3 | 0 | 31 | 54 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 77 | 02 | 96 | 00 | 0 | 149 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | — | — | 0.4 | — | 0.4 | — |
| | Jiwani | 000 | 0 | 6 | 36 | 03 | 96 | 01 | 1 | 110 | 69 | 4 | 6 | 5 | 3 | 0 | 63 | 67 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 7 | 29 | 06 | 97 | 02 | 0 | 120 | 67 | 4 | 3 | 9 | 0 | 0 | 67 | 53 | + 5 | — 5 | 2.5 | — 1.8 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 2 | 119 | 71 | 1 | 6 | 6 | 3 | 0 | 68 | // | — | — | — | — | — | 8 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 6 | 27 | 03 | 96 | 03 | 0 | 120 | 74 | 4 | 4 | 4 | 2 | 0 | 72 | 73 | 0 | + 8 | 0.3 | — 0.8 | 0.3 | 8 |
| | Karachi (Airport) | 000 | 0 | 8 | 27 | 03 | 94 | 03 | 0 | 117 | 73 | 6 | 4 | 5 | 0 | 2 | 48 | 61 | — | — | 0.2 | — | 0.3 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 153 | 74 | 6 | 6 | 6 | 0 | 0 | 66 | 72 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| | Hyderabad | 000 | 0 | 8 | 00 | 00 | 96 | 10 | 1 | 118 | 70 | 8 | 0 | 9 | 3 | 0 | 54 | 68 | + 2 | + 9 | 0.2 | — 0.4 | 0.2 | 9 |
| | Badin | 000 | 0 | 8 | 23 | 02 | 96 | 00 | 0 | 125 | // | 8 | 0 | 9 | 0 | 0 | // | 68 | 0 | + 10 | 0.1 | — 0.7 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 4 | 36 | 03 | 97 | 13 | 2 | 117 | 61 | 4 | 0 | 0 | 7 | 0 | 55 | 58 | — | — | — | — | — | — |
| | Nawabshah | 000 | 0 | 4 | 31 | 02 | 96 | 03 | 1 | 120 | 63 | 0 | 0 | 9 | 0 | 8 | 58 | 58 | — | — | 0.0 | — | 0.0 | — |
| | Sukkur | 000 | 9 | 7 | 16 | 05 | 95 | 03 | 2 | 118 | 62 | 7 | 0 | 9 | 9 | 0 | // | 60 | — | — | 0.2 | — | 0.2 | 4 |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | — |
| | Jacobabad | 000 | 0 | 7 | 09 | 07 | 96 | 03 | 1 | 122 | 63 | 9 | 8 | 9 | 7 | / | 55 | 61 | — 2 | + 7 | 0.2 | — 0.6 | 0.1 | 4 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 30 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Malakand | Drosh * | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 492 | 42 | 6 | 8 | 6 | 0 | 0 | 36 | 40 | | + 4 | 1.7 | — | 1.1 | 18 |
| Peshawar | Cherat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | | | | | 19 |
| | Kakul * | 004 | 3 | 7 | 00 | 03 | 97 | 63 | 6 | 482 | 45 | 6 | 7 | 5 | 2 | 0 | 38 | 38 | — | — | 7.7 | — | 6.7 | — |
| | Landikotal * | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 6 | 614 | 45 | 4 | 3 | 5 | 0 | 0 | 34 | 34 | — | — | — | — | — | — |
| | Parachinar * | | | | | | | | | | | | | | | | | | | | | | | 25 |
| D. I. Khan | Miranshah * | 001 | 1 | 4 | 05 | 05 | 97 | 02 | 0 | 497 | 45 | 4 | 0 | 9 | 3 | 0 | 41 | 40 | — | — | 0.0 | — 3.7 | 0.0 | 18 |
| | Wana * | 000 | 0 | 6 | 00 | 00 | 99 | 01 | 0 | 475 | 47 | 2 | 6 | 8 | 0 | 0 | 45 | 41 | — | — | — | — | — | 11 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 18 | 02 | 94 | 05 | 4 | 478 | 39 | / | / | 0 | / | / | 37 | 37 | — 1 | — 2 | 0.9 | — 1.5 | 0.9 | 13 |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | // | 41 | 0 | 0 | 4 | 0 | 0 | 24 | // | — | — | 1.2 | — | 1.0 | — |
| | Loralai * | 000 | 0 | 0 | 27 | 03 | 93 | 00 | 0 | 480 | 45 | 0 | 0 | 9 | 0 | 0 | 39 | // | — | — | 0.4 | — | 0.3 | 9 |
| | Barkhan * | 000 | 0 | 2 | 31 | 02 | 97 | 03 | 2 | 505 | 40 | 8 | 7 | 7 | 0 | 0 | 12 | 33 | — | — | 0.2 | — | 0.2 | — |
| | Harnai * | 000 | 0 | 3 | 31 | 03 | 96 | 02 | 0 | 452 | 52 | 0 | 0 | 8 | 0 | 3 | 49 | 51 | — | — | 0.7 | — 2.4 | 0.7 | 14 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 483 | 34 | 0 | 5 | 9 | 0 | 0 | 29 | 30 | — | — | 2.2 | — 2.9 | 1.5 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 04 | 0 | 471 | 49 | 0 | 0 | 9 | 0 | 0 | 41 | 48 | + 6 | + 8 | 7.7 | + 2.9 | 7.7 | 9 |
| | Nushki * | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 506 | 56 | 0 | 0 | 9 | 0 | 0 | 25 | 53 | — | — | 3.0 | — | 2.9 | — |
| | Dalbandin * | 000 | 0 | 4 | 00 | 00 | 98 | 05 | 0 | 447 | 47 | 4 | 0 | 9 | 1 | 0 | 30 | 44 | + 6 | + 3 | 2.3 | — 0.2 | 2.3 | 4 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 99 | 00 | 2 | 496 | 38 | 0 | 0 | 9 | 0 | 0 | 25 | 33 | + 5 | — 1 | 0.9 | — 2.9 | 0.9 | 7 |
| | Khuzdar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Panjgur * | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 467 | 53 | 4 | 5 | 6 | 0 | 0 | 49 | 52 | — | — | 1.1 | — | 0.8 | 8 |

† Given in Code.

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

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

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

When over 990 is given RRR see the summary sheets for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 26th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhClhCmCh | DsVsa PP | 7RR tRtR | 8NsCh hs | OTdTsTdTd | 1TwTwTwT | 3PwPwHwHw | dwPwHwH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Dolabel'a | 99 1 83 | 10 6 48 | 25 0 64 | 22 9 05 | 98 0 20 | 15 6 25 | 11 6 40 | 23 0 15 | | | 00 1 13 | 13 5 08 | 30 0 00 | |
| Geers | 99 1 59 | 10 5 75 | 25 1 84 | 12 9 08 | 98 0 20 | 11 8 25 | 14 4 40 | 13 2 05 | | | 05 2 24 | 12 6 00 | 3/ / / / | |
| Dolsbella | 99 2 08 | 10 6 20 | 25 1 84 | 62 2 09 | 98 0 30 | 13 8 24 | 6/ 4 /0 | 23 4 09 | | | 00 0 21 | 13 4 00 | 30 3 01 | |
| Dolabel a | 00 1 04 | 10 6 32 | 28 1 24 | 42 8 06 | 98 0 20 | 12 8 55 | 40 6 40 | 23 6 23 | | | 00 2 20 | 13 4 52 | 30 5 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels — Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 008 220 23 | ... | 480 154 57 | 114 032 /6 | /// /// // | 743 231 60 | 946 409 // | 215 511 // | 398 611 // | 639 787 // | ... | ... | ... |
| Dacca ... | 00 00 | 011 256 60 | ... | 480 154 67 | 110 030 59 | 577 113 61 | 745 223 64 | 949 373 64 | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | |
| Multan ... | 00 00 | 998 114 24 | ... | 450 126 56 | 078 066 56 | 569 187 // | 732 265 // | 936 345 // | 218 448 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 971 100 11 | ... | 400 060 45 | 013 041 42 | 559 195 50 | 720 311 // | 918 456 // | 180 551 // | 364 531 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | 918 042 11 | ... | ... | 037 019 // | 559 205 // | 716 395 // | 910 471 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 991 090 35 | ... | 470 060 57 | 934 451 58 | 501 281 // | 711 311 // | 911 401 // | 183 465 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{ta}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 198 43 | 800 114 /6 | 600 041 /8 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 184 62 | 800 108 63 | 600 031 61 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | 00 00 | 800 090 40 | 600 111 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 310 04 | 265 10 | 265 13 | 270 19 | 270 23 | 280 31 | 280 27 | ... | ... |
| Bogra | 265 08 | 245 11 | 250 13 | 250 18 | 280 29 | 280 50 | ... | ... | ... |
| Chakiala | ... | 055 06 | 115 04 | 110 01 | 140 02 | 105 03 | 120 07 | ... | ... |
| Chhor | 320 14 | 245 15 | 245 17 | 265 27 | 290 40 | ... | ... | ... | ... |
| Chittagong | 195 11 | 205 11 | 220 12 | 240 18 | 230 09 | 250 06 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 185 14 | 195 12 | 245 12 | 270 19 | 280 16 | 290 20 | ... | ... | ... |
| Dacca | 240 08 | 240 03 | 260 06 | 270 17 | 275 37 | 285 49 | 280 59 | 280 78 | 280 93 |
| Dalbandin | ... | ... | 250 12 | 255 10 | 260 09 | 270 07 | 275 16 | ... | — |
| D. I. Khan | 055 05 | 085 03 | 120 05 | 135 05 | 235 06 | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 185 03 | 160 11 | 210 20 | 255 33 | 255 34 | — |
| Gilgit | ... | ... | ... | ... | 120 03 | 110 06 | 220 17 | 090 07 | ... |
| Ishurdi | 245 05 | 250 07 | 260 07 | 265 19 | 285 03 | 265 45 | ... | ... | ... |
| Jacobabad | 125 07 | 125 05 | 095 06 | 250 21 | 195 13 | 235 25 | 280 54 | 305 90 | ... |
| Jessore | 290 03 | 285 03 | 225 03 | 255 07 | 290 20 | 275 30 | ... | ... | ... |
| Jhelum | 355 06 | 050 07 | 085 06 | 220 02 | 250 18 | 240 20 | 250 38 | 280 47 | 275 59 |
| Jiwani | 015 19 | 235 15 | 250 15 | 255 24 | ... | ... | ... | ... | ... |
| Karachi | 260 10 | 290 06 | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 050 04 | 065 15 | 070 08 | 090 06 | 155 05 | ... | ... | ... | ... |
| Multan | 355 08 | 360 09 | 260 10 | 010 07 | ... | ... | ... | ... | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 305 10 | 295 07 | 270 15 | 260 29 | 275 36 | 275 39 | 280 49 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 145 04 | 310 02 | 295 05 | 345 07 | 310 21 | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 275 06 | 230 24 | ... | ... | ... |
| Sargodha | 050 08 | 055 08 | 055 06 | 165 02 | 225 05 | 250 16 | ... | ... | ... |
| Skardu | ... | ... | ... | ... | ... | 210 27 | ... | ... | ... |
| Sylhet | 255 07 | 280 07 | 270 10 | 268 20 | 240 29 | 265 39 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | ... | ... | ... | ... | ... | ... |
| Bogra | 110 02 | 105 10 | 025 01 | 025 06 | 350 15 | ... |
| Chakiala | — | 140 03 | 150 05 | 185 04 | 195 09 | ... |
| Chhor | ... | ... | ... | ... | ... | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 165 04 | 165 04 | 220 05 | 230 05 | 285 06 | 230 09 |
| Dacca | 030 03 | 300 04 | 350 06 | ... | 260 29 | ... |
| Dalbandin | ... | ... | 050 06 | 090 15 | 145 05 | 260 13 |
| D. I. Khan | 065 05 | 110 06 | 165 07 | 245 09 | ... | ... |
| Drosh | ... | ... | ... | 165 05 | 225 04 | 250 01 |
| Fort Sandeman | ... | ... | ... | 255 09 | 360 06 | ... |
| Gilgit | ... | ... | ... | 230 05 | 225 05 | 185 10 |
| Ishurdi | 350 11 | 230 06 | 275 12 | 275 19 | 280 33 | ... |
| Jacobabad | 080 10 | 100 04 | 100 04 | 150 04 | 180 05 | 265 04 |
| Jessore | 035 13 | 020 04 | 240 03 | 240 12 | 245 24 | 280 34 |
| Jhelum | 090 05 | 150 07 | 160 04 | 175 04 | 275 18 | ... |
| Jiwani | 275 09 | 280 09 | 220 10 | — | ... | ... |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 045 15 | 040 09 | 040 13 | 045 10 | 280 12 | 285 04 |
| Khuzdar | ... | ... | ... | 140 04 | 265 14 | 265 21 |
| Lahore | 145 04 | 145 09 | 140 10 | 120 10 | 300 05 | ... |
| Multan | 056 10 | 075 10 | 050 11 | 285 12 | 280 24 | 270 23 |
| Nawab Shah | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 200 11 | 135 10 | 180 11 | 210 23 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 285 02 | 285 04 | 340 08 | 265 06 | 270 08 |
| Parachinar | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | /// // | 210 03 | 245 07 |
| Sargodha | 105 07 | 150 05 | 170 05 | 005 03 | 280 10 | ... |
| Skardu | ... | ... | ... | 100 03 | /// // | ... |
| Sylhet | 225 06 | 230 10 | 240 11 | 240 25 | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 190 05 | 190 05 | 225 07 | 215 10 | 250 11 | ... | ... | ... | ... | ... | ... |
| Bogra | 270 07 | 265 07 | 265 10 | 275 13 | 275 31 | 275 43 | ... | ... | ... | ... | ... |
| Chakiala | — | 095 26 | 100 10 | 165 05 | ... | ... | ... | ... | ... | ... | ... |
| Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong | 195 10 | 195 09 | 195 07 | 215 08 | 215 12 | 230 13 | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 200 10 | 200 10 | 220 12 | 295 03 | 260 10 | 300 26 | 275 35 | ... | ... | ... | ... |
| Dacca | 180 08 | 250 08 | 250 09 | 265 09 | 290 19 | 270 31 | 280 37 | 275 44 | 275 47 | 270 64 | 270 73 |
| Dalbandin | ... | ... | 080 11 | 170 14 | 220 20 | 225 24 | 235 19 | ... | ... | ... | ... |
| D. I. Khan | 065 08 | 065 09 | 075 09 | 100 03 | 250 01 | 240 05 | 270 13 | 270 25 | 270 28 | 355 35 | 250 43 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 310 02 | 225 07 | 270 09 | 275 40 | 265 41 | 260 40 | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 255 01 | 255 06 | 270 17 | 270 39 | 280 22 | 285 41 | ... | ... | ... | ... | ... |
| Jacobabad | 110 09 | 115 11 | 215 06 | 030 08 | 320 06 | ... | ... | ... | ... | ... | ... |
| Jessore | 300 01 | 310 01 | 260 03 | 240 11 | 275 19 | 290 32 | 280 32 | ... | 275 31 | ... | ... |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 325 07 | 280 08 | 275 09 | 260 10 | 235 19 | ... | ... | ... | ... | ... | ... |
| Karachi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | 020 07 | 040 07 | 050 10 | 075 08 | 060 06 | 275 06 | 215 14 | 255 13 | 245 23 | ... | ... |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 030 11 | 060 09 | 100 07 | 125 08 | 355 09 | 360 07 | 285 78 | 285 32 | 285 37 | 270 45 | 265 56 |
| Multan | 360 06 | 010 07 | 020 07 | 050 08 | 305 02 | 270 21 | 265 46 | 265 50 | 270 58 | ... | ... |
| Nawab Shah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 095 15 | 125 05 | 250 19 | 240 28 | ... | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 020 03 | 360 05 | 350 15 | 265 04 | 225 07 | 270 31 | 265 32 | 275 39 | 260 41 | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | /// // | 190 12 | 230 13 | 245 18 | ... | ... | ... | ... |
| Sargodha | 090 03 | 155 03 | 180 05 | 175 04 | 270 04 | 270 07 | 280 26 | 260 32 | 260 35 | 260 39 | 270 30 |
| Skardu | ... | ... | ... | ... | /// // | 300 03 | 220 06 | ... | ... | ... | ... |
| Sylhet | 165 03 | 265 04 | 255 12 | 240 23 | 245 29 | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 265 21 | 265 29 | 265 37 | 270 31 | 270 31 | 270 30 | 260 45 | 270 43 | 270 43 | 280 44 | 260 51 | 240 46 | 265 51 | ... | ... | ... | ... | ... |
| Multan ... | 120 23 | 100 19 | 100 18 | 095 19 | 350 19 | 330 19 | 180 21 | 280 23 | 280 35 | 275 37 | 285 44 | 280 74 | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

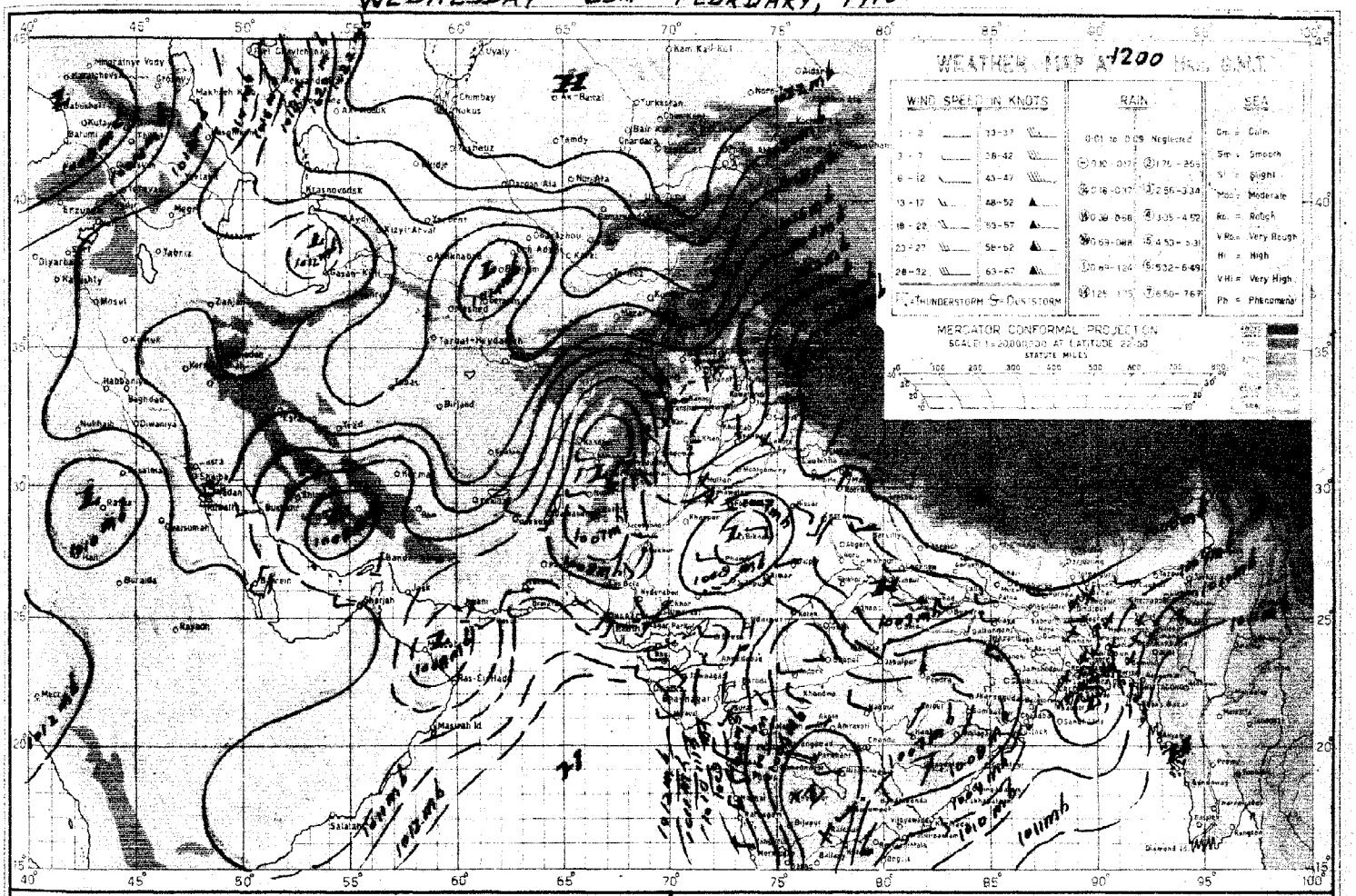
† The actual time of observations may vary within half an hour of the specified time.

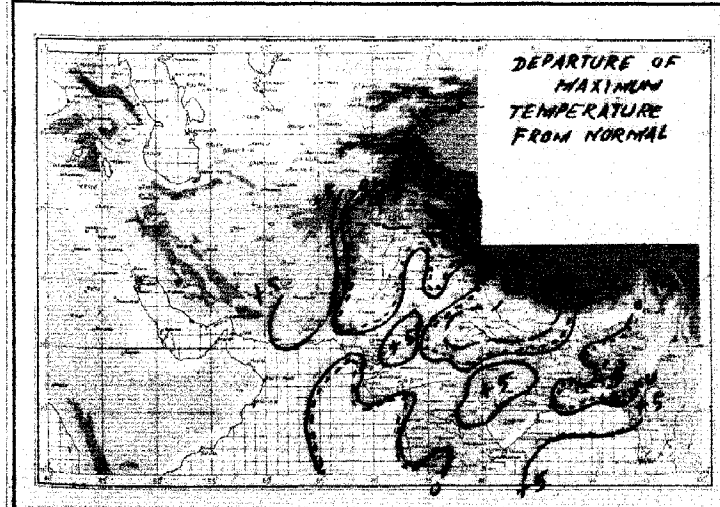
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

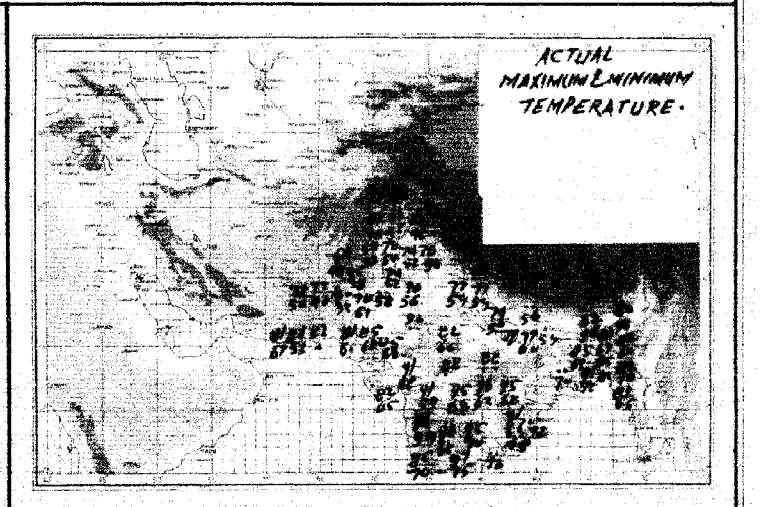
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25th FEBRUARY, 1970




REG. No. [illegible]

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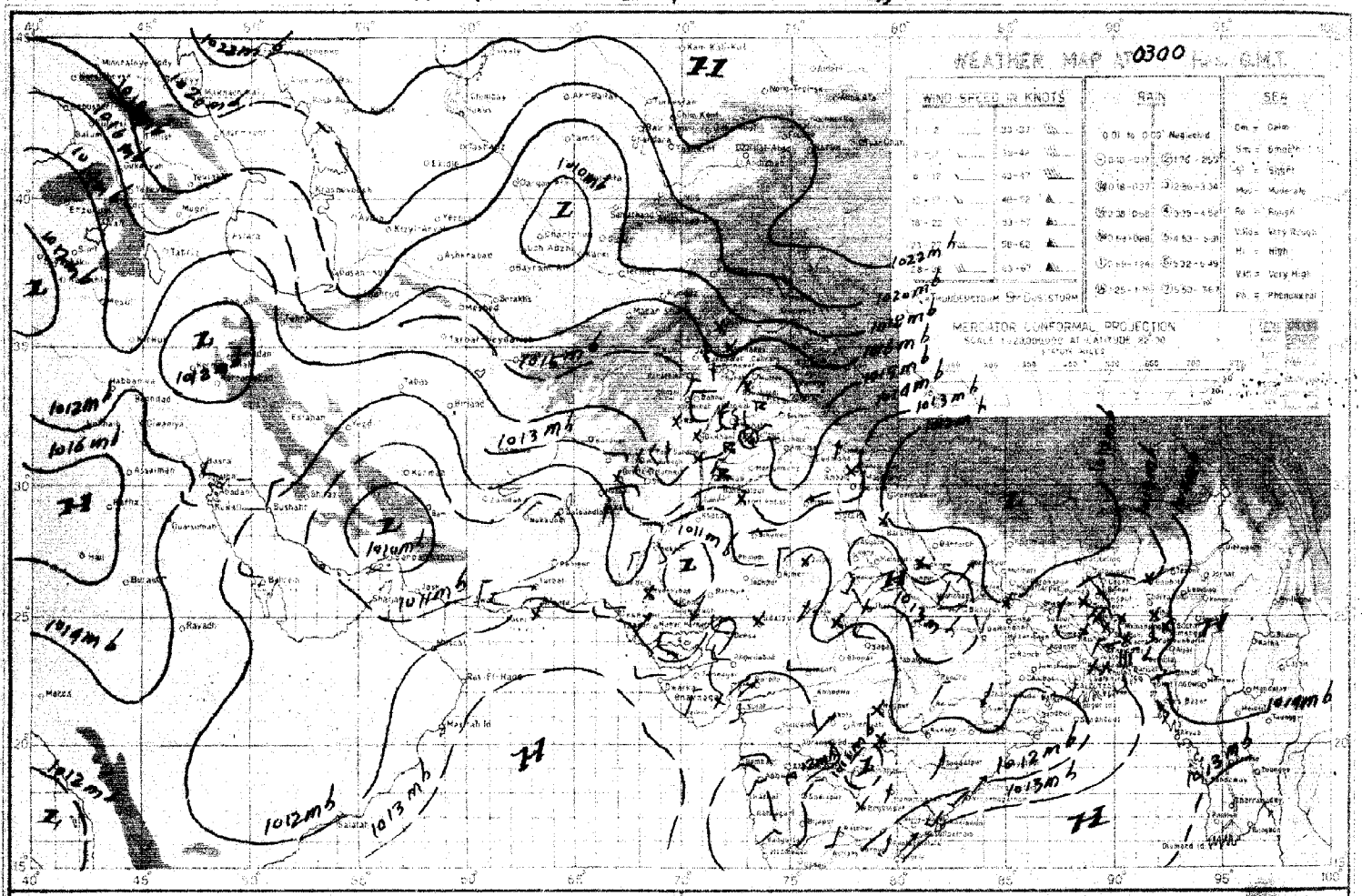
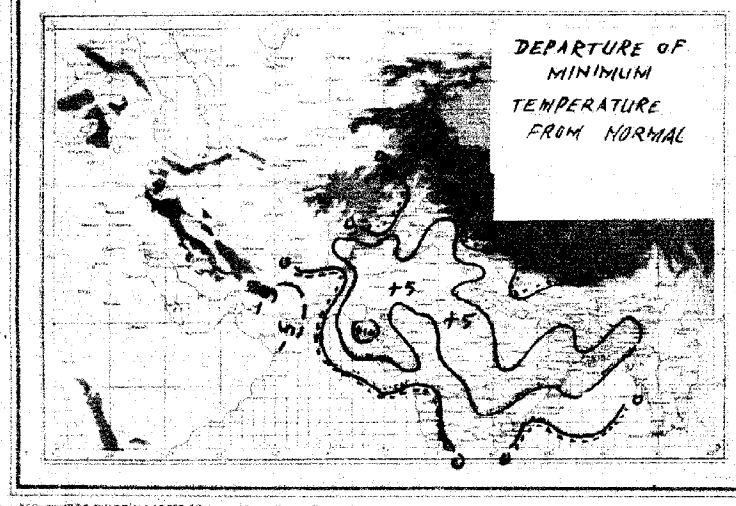
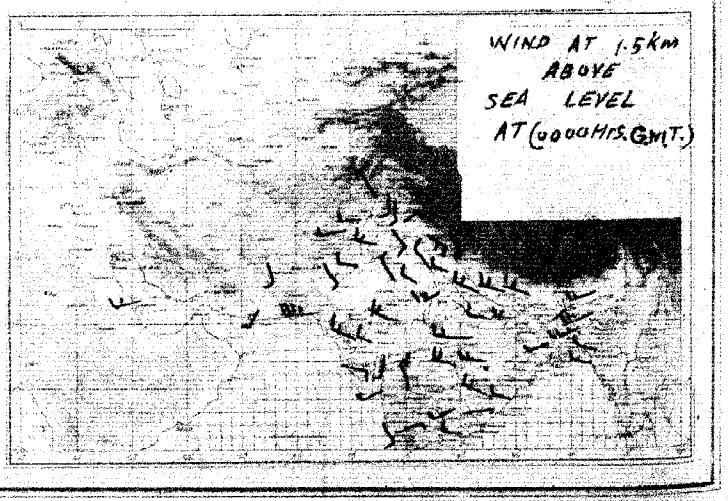
# PAKISTAN DAILY WEATHER MAP

THURSDAY 26th FEBRUARY, 1970



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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 27th FEBRUARY 1970.**

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

Yesterday's western disturbance over southeast Iran is moving across southern and central divisions of west Pakistan.

Local rain/thundershowers have occurred in Karachi, Kalat and Khairpur divisions and scattered in Quetta, Hyderabad, Bahawalpur and D. I. Khan divisions. A few falls of rain drizzle occurred in Peshawar, Multan and Rawalpindi divisions.

The trough of low pressure over west Bengal persists.

Local rain/thundershowers have occurred in Khulna division and scattered in Chittagong division.

Chief amounts of rainfall are D. I. Khan 3", Satkhira 2", Jacobabad 1½", Maijdee Court and Harnai 1" each, Sakkur, Ormara, Khuzdar, Fort Sandeman, Khulna and Sylhet ½" each, Wana, Sibi, Karachi, Hyderabad and Padidan ¼" each.

Night temperatures were 3—5 °F (2—3 °C) above normal in Dacca, Multan, Khairpur and Hyderabad divisions and 4—10 °F (2—5 °C) so in Chittagong, Khulna, Rajshahi and D. I. Khan divisions and nearly normal elsewhere over the country.

**Forecast valid until the evening of 28th February 1970 :**— Rain/thundershowers with locally moderate to heavy falls are likely in Quetta, D. I. Khan, Malakand, Peshawar, Rawalpindi divisions and Kashmir. Local thundershowers may occur in Lahore, Sargodha, Multan, Bahawalpur, Khairpur, Hyderabad and Chittagong divisions and scattered elsewhere over the country outside Karachi and Kalat divisions.

Karachi-11
The 27th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| Divisions | Stations | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3) | Past weather commenced at† Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather† ww (9) | Past weather† W (10) | Sea level pressure (mbs. and tenths)* PPP (11) | Dry Bulb temperature* TT (12) | Amount of Lowest Cloud† Nh (13) | Low Cloud form† CL (14) | Height of Lowest Cloud† h (15) | Medium Cloud form† CM (16) | High Cloud form† CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20) | Past weather commenced at† Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility† VV (25) | Present weather† ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths)* PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud† h (30) | Low Cloud form† CL (31) | Height of Lowest Cloud† h (32) | Medium Cloud form† CM (33) | High Cloud form† CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 6 | 18 | 05 | 95 | 04 | 9 | 097 | 80 | 5 | 3 | 5 | 7 | / | 72 | 98 | 001 | 9 | 1 | 18 | 20 | 97 | 01 | 9 | 153 | 81 | 1 | 2 | 7 | 0 | 0 | 74 | 72 | — | — | 2.7 | — | 1.1 | — |
| | Cox's Bazar | 000 | 0 | 3 | 23 | 06 | 95 | 01 | 0 | 094 | 77 | 1 | 3 | 5 | 3 | 0 | 77 | 82 | 000 | 0 | 2 | 09 | 06 | 94 | 05 | 0 | 138 | 76 | 2 | 0 | 9 | 3 | 0 | 74 | 70 | — 2 | + 7 | — | — | — | 140 |
| | Chittagong | 000 | 3 | 7 | 21 | 03 | 96 | 02 | 5 | 091 | 77 | 3 | 3 | 4 | 2 | 0 | 74 | 83 | 005 | 4 | 2 | 00 | 00 | 97 | 03 | 4 | 140 | 79 | 2 | 8 | 5 | 0 | 0 | 74 | 72 | — 2 | + 10 | 1.9 | — 2.2 | 0.6 | 108 |
| | Maijdee Court | 000 | 0 | 4 | 18 | 05 | 96 | 03 | 2 | 079 | 88 | 4 | 2 | 5 | 0 | 0 | 72 | 85 | 100 | 9 | 6 | 00 | 00 | 96 | 03 | 2 | 140 | 77 | 3 | 2 | / | 2 | 0 | 74 | 67 | + 2 | + 2 | — | — | — | 115 |
| | Comilla | 000 | 0 | 6 | 23 | 05 | 96 | 02 | 2 | 088 | 80 | 6 | 4 | 4 | 0 | 0 | 72 | 88 | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | 139 | 76 | 0 | 0 | 9 | 3 | 0 | 72 | 67 | + 3 | + 5 | 1.7 | — 1.3 | 1.2 | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 23 | 03 | 97 | 03 | 1 | 146 | 76 | 4 | 5 | 5 | 0 | 0 | 64 | 67 | — | — | 2.1 | — 8.4 | 0.8 | 78 |
| | Sylhet | 000 | 0 | 0 | 37 | 02 | 96 | 01 | 2 | 081 | 74 | 0 | 0 | 9 | 0 | 0 | 59 | 80 | 049 | 9 | 6 | 09 | 03 | 96 | 03 | 0 | 133 | 74 | 3 | 5 | 5 | 3 | 0 | 68 | 63 | — | — | 6.3 | — | 5.2 | — |
| | Srimangal | 000 | 0 | 4 | 18 | 02 | 96 | 02 | 0 | 084 | 77 | 2 | 9 | 5 | 7 | 1 | 62 | 90 | 000 | 0 | 5 | 23 | 05 | 96 | 02 | 0 | 137 | 76 | 2 | 5 | 5 | 7 | 2 | 72 | 63 | + 4 | + 8 | 3.2 | — 0.3 | 1.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 086 | 78 | 2 | 5 | 6 | 0 | 0 | 60 | 85 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 149 | 77 | 0 | 0 | 9 | 0 | 0 | 61 | 63 | + 2 | + 4 | — | — | — | 91 |
| | Narayanganj | 000 | 0 | 3 | 00 | 00 | // | 02 | 1 | 082 | 85 | 3 | 6 | 4 | 0 | 0 | 66 | 85 | 000 | 0 | 7 | 23 | 02 | 97 | 02 | 2 | 143 | 76 | 6 | 6 | 5 | 3 | 1 | 64 | 68 | 0 | + 5 | — | — | — | 74 |
| | Dacca (Tezgaon) | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 078 | 82 | 1 | 3 | 6 | 6 | 1 | 58 | 88 | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | 140 | 76 | 3 | 6 | 5 | 4 | 0 | 61 | 68 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 098 | 85 | 0 | 0 | 9 | 0 | 0 | 51 | 88 | 000 | 0 | 0 | 02 | 02 | 97 | 00 | 0 | 137 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 64 | + 4 | + 4 | 2.9 | + 0.1 | 1.3 | 71 |
| Khulna | Barisal | 000 | 0 | 8 | 18 | 03 | 97 | 02 | 2 | 088 | 76 | 7 | 4 | 5 | 2 | 0 | 70 | 88 | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 2 | 136 | 76 | 4 | 4 | 4 | 0 | 0 | 72 | 67 | + 3 | + 3 | 1.1 | — 2.0 | 0.2 | 81 |
| | Khulna | 000 | 0 | 2 | 18 | 05 | 97 | 02 | 0 | 083 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 90 | 049 | 9 | 0 | 00 | 00 | 97 | 00 | 0 | 128 | 81 | 0 | 0 | 9 | 0 | 0 | 74 | 72 | + 3 | + 10 | 2.2 | — 0.5 | 1.8 | 48 |
| | Satkhira | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 2 | 074 | 65 | 6 | 7 | 6 | 0 | 0 | 74 | 90 | 185 | 0 | 0 | 36 | 03 | 97 | 00 | 0 | 129 | 79 | 0 | 0 | 9 | 0 | 0 | 72 | 68 | + 3 | + 6 | 2.1 | — 0.2 | 1.9 | 66 |
| | Jessore | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 078 | 85 | 2 | 1 | 6 | 0 | 0 | 65 | 90 | 000 | 0 | 1 | 05 | 03 | 96 | 05 | 0 | 131 | 74 | 1 | 5 | 4 | 0 | 0 | 67 | 67 | — | — | 2.4 | — 0.3 | 1.3 | 65 |
| Rajshahi | Pabna | 000 | 0 | / | 31 | 02 | 97 | 03 | 0 | 081 | 82 | 0 | 0 | 9 | 0 | 6 | 62 | 86 | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 137 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 63 | — | — | 3.4 | — | 2.4 | 59 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 076 | 80 | 0 | 0 | 9 | 0 | 0 | 59 | 80 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 137 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 68 | — 4 | + 9 | 2.1 | — 0.2 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | 081 | 78 | 0 | 0 | 9 | 0 | 0 | 62 | 85 | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 136 | 74 | 0 | 0 | 9 | 0 | 0 | 54 | 63 | 0 | + 5 | 4.1 | + 2.4 | 1.2 | — |
| | Bogra | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 076 | 78 | 1 | 0 | 9 | 7 | 6 | 58 | 85 | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 129 | 74 | 0 | 0 | 9 | 0 | 0 | 59 | 61 | + 1 | + 2 | 1.7 | — 0.3 | 0.5 | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 134 | 76 | 0 | 0 | 9 | 0 | 0 | 61 | 59 | | + 4 | 1.6 | — 0.2 | 0.8 | 72 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 23 | 02 | 96 | 01 | 0 | 111 | 67 | 1 | 0 | 9 | 1 | 0 | 61 | 56 | | + 1 | 2.3 | + 0.8 | 0.8 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 16 | 03 | 96 | 02 | 0 | 118 | 70 | 1 | 5 | 6 | 3 | 0 | 51 | 72 | 000 | 0 | 8 | 00 | 00 | 95 | 01 | 0 | 126 | 58 | 2 | 3 | 8 | 2 | 7 | 51 | 54 | — 4 | + 6 | 0.9 | — 1.7 | 0.9 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Rawalpindi | Jhelum | 007 | 7 | 5 | 00 | 00 | 98 | 02 | 6 | 127 | 66 | 1 | 1 | 7 | 1 | 1 | 51 | 74 | 007 | 0 | 8 | 31 | 02 | 96 | 02 | 1 | 126 | 54 | 5 | 5 | 6 | 2 | 1 | 49 | 54 | — | — | 2.3 | — | 2.3 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 000 | 0 | 3 | 00 | 00 | 99 | 01 | 0 | 132 | 66 | 3 | 2 | 7 | 0 | 0 | 49 | 66 | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 139 | 49 | 8 | 4 | 7 | 0 | 0 | 47 | 47 | — 4 | + 3 | 4.6 | — 1.8 | 4.5 | 34 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 8 | 05 | 01 | 97 | 03 | 9 | 072 | 74 | 5 | 4 | 9 | 3 | 0 | 54 | 72 | 000 | 0 | 8 | 00 | 00 | 95 | 02 | 2 | 122 | 52 | 2 | 6 | 8 | 2 | 0 | 49 | 49 | — 5 | — 1 | — | — | — | 15 |
| | Sargodha | 000 | 0 | 7 | 05 | 05 | 97 | 03 | 1 | 120 | 69 | 4 | 5 | 6 | 0 | 1 | 51 | 71 | 000 | 0 | 8 | 23 | 02 | 96 | 04 | 2 | 119 | 58 | 3 | 5 | 6 | 2 | 0 | 49 | 54 | — | — | 0.5 | — | 0.4 | — |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 96 | 02 | 0 | 124 | 66 | 4 | 3 | 8 | 0 | 0 | 49 | 70 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 7 | | | | | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 7 | 06 | 05 | 97 | 03 | 2 | 109 | 72 | 2 | 2 | 6 | 3 | 4 | 51 | 74 | 015 | 6 | 8 | 05 | 02 | 96 | 50 | 6 | 120 | 61 | 3 | 7 | 4 | 2 | 0 | 47 | 54 | — 4 | + 3 | 0.4 | — 0.7 | 0.4 | 9 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 8 | 00 | 00 | 96 | 95 | 2 | 100 | 70 | 6 | 9 | 6 | 2 | 0 | 58 | 76 | 097 | 9 | 8 | 00 | 00 | 96 | 03 | 9 | 104 | 61 | 4 | 7 | 4 | 2 | 0 | 59 | 58 | — 5 | + 8 | 1.7 | + 0.9 | 1.4 | 6 |
| | Bahawalpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Fort Abbas | 000 | 1 | 2 | 27 | 02 | 98 | 01 | 9 | 100 | 74 | 0 | 0 | 9 | 2 | 0 | 70 | 74 | 010 | 9 | 4 | 09 | 02 | 97 | 02 | 3 | 106 | 60 | 0 | 4 | 9 | 0 | 0 | 45 | 60 | | — | — | — | — | 8 |
| Malakand | Chakdara | 000 | 0 | 3 | 33 | 02 | 98 | 03 | 1 | 119 | 58 | 3 | 1 | 7 | 0 | 0 | 42 | 62 | 080 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 127 | 45 | 8 | 0 | 9 | 2 | / | 40 | 43 | — | — | 3.0 | — | 3.0 | — |
| Peshawar | Peshawar | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 134 | 65 | 3 | 5 | 6 | 3 | 0 | 51 | 66 | 000 | 0 | 8 | 25 | 02 | 97 | 02 | 2 | 131 | 52 | 8 | 0 | 9 | 1 | / | 49 | 49 | — 5 | + 2 | 2.1 | — 1.0 | 1.6 | 11 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | 000 | 4 | 6 | 05 | 03 | 97 | 03 | 2 | 131 | 54 | 6 | 0 | 9 | 4 | 0 | 45 | 47 | | — | 4.0 | — | 2.0 | — |
| D. I. Khan | Bannu | 000 | 0 | 5 | 16 | 02 | 98 | 02 | 2 | 089 | 66 | 5 | 2 | 7 | 0 | 0 | 44 | 70 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 11 |
| | D. I. Khan | 100 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 123 | 72 | 0 | 0 | 9 | 0 | 0 | 52 | 74 | 327 | 9 | 8 | 05 | 02 | 97 | 02 | 0 | 139 | 56 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — 3 | + 7 | 4.3 | — 2.8 | 4.3 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 109 | 72 | 4 | 2 | 9 | 4 | 2 | 62 | 73 | 030 | 0 | 8 | 35 | 03 | 97 | 03 | 1 | 136 | 60 | 6 | 2 | 9 | 6 | 2 | 54 | 56 | — | — | 0.3 | — | 0.3 | 8 |
| | Nokkundi | 000 | 0 | 5 | 31 | 05 | 96 | 03 | 0 | 125 | 73 | 5 | 6 | 6 | 0 | 0 | 26 | 79 | 000 | 0 | 0 | 31 | 05 | 96 | 01 | 0 | 093 | 50 | 0 | 0 | 9 | 0 | 0 | 29 | 54 | — | — | 1.7 | — | 1.7 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 10 | 0 | 105 | 83 | 0 | 0 | 9 | 0 | 0 | 39 | 83 | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 132 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 62 | — | — | 0.5 | — | 0.5 | — |
| | Jiwani | 000 | 0 | 5 | 13 | 09 | 96 | 02 | 2 | 078 | 77 | 5 | 6 | 5 | 0 | 0 | 51 | 90 | 000 | 0 | 0 | 36 | 02 | 96 | 01 | 0 | 103 | 68 | 0 | 0 | 9 | 0 | 0 | 65 | 67 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 7 | 11 | 04 | 97 | 92 | 0 | 084 | 25 | 4 | 3 | 9 | 0 | 0 | // | 81 | 000 | 0 | 7 | 29 | 04 | 97 | 02 | 0 | 186 | 35 | 3 | 3 | 9 | 0 | 0 | 75 | 60 | 0 | + 2 | 2.5 | — 1.8 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 4 | 18 | 07 | 96 | 04 | 4 | 100 | 75 | 3 | 6 | 5 | 3 | 0 | 62 | 80 | 061 | 0 | 4 | 07 | 05 | 96 | 02 | 1 | 112 | 67 | 4 | 0 | 7 | 3 | 0 | 63 | 62 | — | — | 2.9 | — 1.5 | 2.9 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 017 | 4 | 7 | 00 | 00 | 97 | 03 | 6 | 087 | 68 | 7 | 7 | 4 | / | / | 66 | 78 | 017 | 2 | 7 | 00 | 00 | 96 | 03 | 6 | 109 | 66 | 3 | 5 | 4 | 2 | / | 57 | 65 | — 3 | 0 | 0.5 | — 0.7 | 0.5 | 8 |
| | Karachi (Airport) | 023 | 3 | 6 | 13 | 02 | 96 | 01 | 9 | 101 | 69 | 4 | 6 | 5 | 4 | 0 | 63 | 84 | 039 | 9 | 7 | 00 | 00 | 96 | 29 | 5 | 114 | 64 | 6 | 6 | 5 | 2 | 0 | 62 | 57 | — | — | 0.6 | — | 0.6 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 131 | 81 | 6 | 6 | 6 | 0 | 0 | 60 | 82 | 000 | 0 | 4 | 05 | 02 | 97 | 02 | 0 | /// | 67 | 6 | 6 | 6 | 0 | 0 | 62 | 67 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 002 | 2 | 8 | 27 | 07 | 97 | 00 | 6 | 112 | 73 | 4 | 5 | 6 | 2 | / | 67 | 81 | 009 | 3 | 4 | 13 | 03 | 96 | 01 | 6 | /// | // | 3 | 5 | 6 | 2 | 0 | 62 | 64 | — | — | — | — | — | 7 |
| | Hyderabad | 019 | 3 | 8 | 36 | 03 | 97 | 61 | 6 | 118 | 71 | 2 | 5 | 6 | 3 | 0 | 68 | 80 | 027 | 9 | 8 | 23 | 05 | 97 | 02 | 6 | 116 | 66 | 3 | 5 | 6 | 3 | 0 | 63 | 64 | — 7 | + 5 | 0.5 | — 0.1 | 0.5 | 9 |
| | Badin | 000 | 0 | 9 | 23 | 04 | 96 | 03 | 0 | 111 | 74 | 9 | 0 | 9 | 0 | 0 | 64 | 85 | 000 | 0 | 8 | 08 | 04 | 96 | 03 | 0 | 111 | 66 | 8 | 0 | 9 | 0 | 0 | 61 | 65 | — 7 | + 7 | 0.1 | — 0.7 | 0.1 | — |
| Khairpur | Padidan | 004 | 5 | 7 | 13 | 02 | 97 | 01 | 5 | 085 | 69 | 3 | 4 | 6 | 2 | 0 | 43 | 70 | 028 | 7 | 8 | 31 | 03 | 97 | 24 | 9 | 104 | 60 | 1 | 5 | 4 | 2 | / | 58 | 58 | — 11 | — | 0.3 | — | 0.3 | — |
| | Nawabshah | 000 | 0 | 8 | 18 | 03 | 96 | 02 | 2 | 110 | 70 | 8 | 7 | 9 | 0 | 0 | 62 | 72 | 005 | 1 | 8 | 36 | 02 | 96 | 02 | 2 | 110 | 63 | 8 | 0 | 9 | 2 | 0 | 63 | // | — | — | 0.1 | — | 0.1 | 4 |
| | Sukkur | 000 | 0 | 7 | 18 | 02 | 96 | 03 | 2 | 080 | 70 | 7 | 0 | 9 | 9 | 0 | 53 | 73 | 050 | 9 | 7 | 18 | 02 | 96 | 01 | 2 | 101 | 61 | 7 | 0 | 9 | 9 | 0 | 59 | 60 | — | — | 0.7 | — | 0.7 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 8 | 09 | 09 | 98 | 02 | 2 | 092 | 73 | 2 | 5 | 6 | 2 | / | 61 | 74 | 177 | 0 | 6 | 13 | 02 | 96 | 01 | 9 | 109 | 60 | 2 | 4 | 5 | 7 | 1 | 49 | 59 | — 9 | + 5 | 2.0 | + 0.2 | 1.9 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 7 | 23 | 13 | 97 | 02 | 2 | 472 | 55 | 6 | 8 | 6 | 1 | 0 | 39 | // | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 498 | 38 | 3 | 5 | 7 | 2 | / | 28 | 30 | — | + 2 | 1.7 | — | 1.1 | 39 |
| Peshawar | Cherat * | 000 | 0 | 6 | 36 | 03 | 98 | 03 | 1 | 495 | 50 | 0 | 0 | 9 | 4 | 0 | 42 | 51 | 000 | 0 | 8 | 18 | 03 | 98 | 03 | 2 | 473 | 47 | 0 | 0 | 9 | 2 | 0 | 34 | 45 | — 7 | 0 | — | — | — | — |
| | Kakul * | 000 | 5 | 8 | 00 | 00 | 97 | 21 | 6 | 485 | 49 | 3 | 5 | 8 | 2 | 0 | 42 | 51 | 005 | 0 | 8 | 05 | 03 | 98 | 03 | 6 | 468 | 45 | 6 | 7 | 5 | 3 | / | 38 | 41 | — | — | 7.8 | — | 6.7 | — |
| | Landikotal * | 000 | 0 | 8 | 36 | 02 | 98 | 03 | 4 | 422 | 52 | 8 | 7 | 6 | 0 | 0 | 42 | 55 | 000 | 0 | 8 | 36 | 02 | 98 | 03 | 6 | 414 | 45 | 8 | 7 | 6 | / | / | 43 | 34 | — | — | — | — | — | 39 |
| | Parachinar * | 000 | 0 | 6 | 00 | 00 | 98 | 02 | 2 | 480 | 45 | 5 | 5 | 6 | 4 | 1 | 32 | 51 | 002 | 3 | 8 | 00 | 00 | 95 | 40 | 4 | 480 | 38 | 5 | 5 | 4 | 7 | / | 36 | 36 | — 2 | — | — | — | — | 18 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 476 | 60 | 0 | 0 | 9 | 0 | 0 | 40 | 60 | 000 | 0 | 0 | 95 | 05 | 99 | 00 | 0 | 533 | 49 | 0 | 0 | 9 | 0 | 0 | 29 | 43 | — | — | 0.0 | — 3.8 | 0.0 | 11 |
| | Wana * | 000 | 0 | 3 | 20 | 03 | 99 | 00 | 0 | 455 | 52 | 3 | 2 | 8 | 0 | 0 | 40 | 58 | 025 | 0 | 3 | 00 | 00 | 96 | 61 | 0 | 454 | 45 | 8 | 2 | 7 | 0 | 0 | 45 | 43 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 7 | 31 | 03 | 97 | 03 | 4 | 455 | 59 | 2 | 4 | 7 | 1 | 0 | 15 | 60 | 043 | 8 | 8 | 05 | 02 | 95 | 63 | 6 | 459 | 43 | 5 | 7 | 7 | 2 | 0 | 41 | 38 | — 3 | — 1 | 1.4 | — 1.1 | 2.4 | — |
| | Hindubagh * | 000 | 0 | 7 | 23 | 03 | 97 | 42 | 0 | /// | 58 | 7 | 7 | 8 | 0 | 0 | 22 | 78 | 011 | 0 | 8 | 00 | 00 | 95 | 50 | 0 | /// | 40 | 8 | 7 | 8 | 0 | 0 | // | // | — | — | 1.3 | — | 1.1 | 9 |
| | Loralai * | 000 | 0 | 8 | 27 | 05 | 97 | 01 | 7 | 490 | 54 | 8 | 1 | 9 | 0 | 8 | 38 | 58 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Barkhan * | 000 | 0 | 8 | 23 | 02 | 97 | 03 | 3 | 517 | 57 | 8 | 7 | 7 | 0 | 0 | 32 | 67 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 14 |
| | Harnai * | 002 | 0 | 5 | 23 | 02 | 96 | 02 | 0 | 444 | 64 | 0 | 0 | 9 | 0 | 5 | 49 | 75 | 100 | 2 | 9 | 08 | 00 | 96 | 50 | 5 | 433 | 50 | 0 | 0 | 6 | 0 | 9 | 13 | 50 | — | — | 1.7 | — 1.7 | 1.7 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 18 | 18 | 96 | 03 | 0 | 441 | 56 | 7 | 4 | 6 | 0 | 1 | 30 | 61 | 011 | 3 | 6 | 00 | 00 | 96 | 29 | 5 | 468 | 40 | 4 | 3 | 6 | 3 | 0 | 36 | 38 | — | — | 2.3 | — 2.9 | 1.6 | 9 |
| | Chaman * | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 490 | 63 | 0 | 0 | 9 | 0 | 0 | 46 | 67 | 000 | 0 | 0 | 09 | 03 | 97 | 08 | 0 | 470 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 44 | + 3 | + 5 | 7.7 | + 2.8 | 7.7 | — |
| | Nushki * | 000 | 0 | 0 | 23 | 04 | 95 | 03 | 0 | 517 | 72 | 0 | 0 | 9 | 0 | 0 | 38 | 74 | 010 | 5 | 6 | 09 | 03 | 97 | 03 | 6 | 496 | 53 | 0 | 0 | 9 | 0 | 2 | 29 | 51 | — | — | 3.0 | — | 2.9 | 4 |
| | Dalbandin * | 000 | 0 | 1 | 23 | 05 | 93 | 07 | 3 | 499 | 73 | 1 | 0 | 9 | 3 | 0 | 26 | 76 | 000 | 9 | 1 | 05 | 02 | 95 | 05 | 5 | 451 | 54 | 1 | 0 | 9 | 3 | 0 | 44 | 46 | + 1 | + 6 | 2.3 | — 0.3 | 2.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 2 | 453 | 48 | 0 | 0 | 9 | 0 | 0 | 42 | 59 | 050 | 3 | 9 | 18 | 02 | 97 | 00 | 2 | 457 | 41 | 6 | 6 | 9 | / | / | 37 | 35 | + 3 | + 1 | 1.4 | — 2.4 | 1.4 | — |
| | Khuzdar * | 005 | 2 | 7 | 00 | 00 | 97 | 02 | 6 | 429 | 44 | 4 | 5 | 6 | 2 | 0 | 45 | 70 | 047 | 9 | 7 | 00 | 00 | 96 | 02 | 9 | 442 | 51 | 5 | 5 | 6 | 2 | 0 | 46 | 49 | — | — | 1.7 | — | 1.4 | 8 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 27th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR\ t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Ceres ... ... | 99 2 18 | 10 6 00 | 26 1 84 | 81 6 15 | 97 2 99 | 09 8 23 | 85 5 73 | 13 4 00 | | | 05 3 24 | 12 5 05 | 3/ / / / | |
| Dolabella ... ... | 99 2 32 | 10 5 96 | 26 0 44 | 32 2 09 | 98 0 10 | 11 2 24 | 39 4 6/ | 23 5 10 | | | 00 1 20 | 12 4 01 | 30 3 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 009 210 07 | ... | 500 142 36 | 099 016 44 | 596 107 56 | 764 215 56 | 968 381 56 | 240 509 // | 422 645 // | 660 773 // | ... | ... | ... |
| Dacca ... | 00 00 | 009 240 50 | ... | 425 134 59 | 085 020 59 | 575 105 64 | 744 223 62 | 948 371 63 | 221 505 // | 403 629 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 088 180 08 | ... | 400 080 27 | 023 025 // | 561 181 // | 725 275 // | 928 365 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 996 156 25 | ... | 400 130 00 | 074 026 // | 567 185 // | 731 281 // | 934 361 // | 208 471 // | 397 525 // | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 977 104 20 | ... | 488 092 33 | 038 002 42 | 566 143 // | 733 229 // | 937 369 // | 211 472 // | 408 501 // | 658 525 // | ... | ... | ... |
| Quetta ... | 00 00 | 815 038 26 | ... | ... | 016 007 // | 564 141 // | 731 227 // | 936 329 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 990 110 36 | ... | 350 060 58 | 917 061 // | 549 168 // | 714 231 // | 922 301 // | 215 381 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | $P_tT_tP_tT_tT_tT_{ta}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 154 07 | 800 110 45 | 600 039 50 | 350 309 56 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 168 38 | 830 094 40 | 608 011 61 | 350 307 62 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 014 // | 600 055 // | 350 291 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 190 10 | 235 07 | 225 06 | 270 11 | 285 20 | 280 29 | 285 51 | 290 47 | ... | 240 06 | 268 06 | 270 07 | ... | ... | ... | 005 04 | 270 06 | 265 10 | 260 20 | 275 25 | 310 29 | 200 35 | ... | 305 38 | ... | ... |
| Bogra ... | 260 09 | 265 12 | 270 15 | 280 23 | 280 29 | 285 40 | ... | ... | ... | 330 05 | 290 12 | 275 15 | 275 21 | 270 23 | ... | 240 01 | 260 06 | 275 13 | ... | 285 30 | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 130 06 | 215 04 | 335 03 | 175 04 | ... | ... | ... | ... | ... | 020 04 | 335 02 | 310 02 | 305 05 | 260 06 | ... | 095 02 | 120 08 | 145 12 | 185 14 | 165 16 | 165 19 | ... | 160 16 | ... | ... |
| Chhor ... | 275 15 | 275 12 | 365 12 | 305 17 | 310 17 | ... | ... | ... | ... | 255 11 | 265 17 | 265 27 | 240 34 | 215 31 | ... | 340 08 | 245 15 | 225 23 | 225 35 | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 195 10 | 200 10 | 035 12 | 065 12 | 275 19 | 280 34 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 235 08 | 235 08 | 255 08 | 290 07 | 305 10 | 315 12 | ... | ... | ... | 295 04 | 285 05 | 285 07 | 270 11 | 265 11 | ... | 240 08 | 280 07 | 280 07 | 340 09 | 320 19 | 300 19 | 280 32 | 305 28 | 300 40 | ... | ... |
| Dacca ... | 300 04 | 300 12 | 250 11 | 250 10 | 235 16 | 270 25 | 280 38 | 290 34 | 280 42 | 290 08 | 260 08 | 260 10 | ... | ... | ... | 360 08 | 010 08 | 280 09 | 255 19 | 270 27 | 325 52 | 250 46 | 285 45 | 270 61 | 280 70 | 270 86 |
| Dalbandin ... | ... | ... | 235 15 | 250 17 | 245 29 | ... | ... | ... | ... | ... | ... | 115 08 | 250 06 | 290 08 | 295 15 | ... | ... | 245 06 | 305 07 | 330 14 | 325 11 | 165 15 | 285 25 | 275 31 | 255 48 | 250 56 |
| D. I. Khan ... | 080 04 | 055 04 | 095 04 | 160 09 | 190 04 | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 220 12 | 200 15 | 215 15 | ... | ... | ... | ... | ... | ... | 120 01 | 185 01 | 190 06 | ... | ... | ... | 225 01 | 265 02 | 355 05 | 095 06 | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 010 02 | 290 04 | 185 11 | 245 23 | 245 35 | 255 38 | No | Ascent | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 285 04 | 180 01 | 120 06 | 210 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 295 12 | 290 13 | 275 10 | 275 12 | 285 23 | 280 22 | ... | ... | ... | 325 08 | 325 08 | 310 14 | 300 19 | 275 22 | ... | 330 05 | 305 05 | 285 10 | 245 20 | 275 21 | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 100 09 | 120 12 | 120 13 | 145 14 | 165 15 | ... | ... | ... | ... | 090 15 | 110 10 | 315 11 | 185 07 | 230 10 | 265 04 | 140 08 | 130 10 | 125 12 | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 305 10 | 305 07 | 300 08 | 275 09 | 260 15 | 265 24 | 020 06 | 020 06 | 020 05 | 290 08 | 260 21 | 265 26 | 265 41 | 335 58 | 305 3 | 295 54 | ... |
| Jhelum ... | 335 10 | 360 13 | 010 09 | 295 05 | 285 04 | 150 09 | ... | ... | ... | 310 10 | 335 07 | 020 03 | 145 03 | 135 09 | 170 02 | 320 02 | 050 03 | 130 06 | 1 5 03 | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 130 04 | 220 09 | 245 14 | 255 20 | 255 24 | ... | ... | ... | ... | 350 18 | 290 14 | 285 16 | 260 17 | ... | ... | 315 08 | 315 12 | 310 15 | 295 14 | 295 12 | 295 18 | 280 42 | 250 51 | 285 54 | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 245 09 | 255 18 | 250 17 | 270 25 | 270 22 | 245 33 | ... | ... | ... | ... | ... |
| Khanpur ... | 015 09 | 025 10 | 050 03 | 225 03 | 245 03 | 215 08 | ... | ... | ... | 025 10 | 025 13 | 045 18 | ... | ... | ... | 110 03 | 195 05 | 245 11 | 225 13 | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | 200 06 | 205 11 | ... | ... | ... | ... | ... | ... | ... | 260 05 | 265 17 | ... | ... | ... | ... | 295 07 | 320 06 | ... | ... | ... | ... | ... | ... |
| Lahore ... | 020 10 | 025 15 | 030 09 | 055 06 | 345 04 | 245 05 | 265 15 | 250 23 | 255 21 | 010 10 | 015 09 | 200 06 | 035 06 | 020 06 | 275 01 | 145 04 | 305 07 | 310 08 | 010 06 | 345 17 | 320 25 | ... | ... | ... | ... | ... |
| Multan ... | 080 10 | 070 11 | 065 13 | 100 07 | 075 04 | 240 13 | 240 29 | ... | ... | 126 03 | 105 19 | 110 20 | ... | 110 20 | ... | 125 06 | 140 10 | 155 13 | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 240 08 | 250 09 | 255 07 | 250 10 | ... | ... | ... | ... | ... | 350 11 | 345 09 | 340 06 | 335 12 | ... | ... | 335 09 | 310 07 | 285 06 | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 190 04 | 115 02 | 055 03 | 180 03 | ... | ... | ... | ... | ... | 315 03 | 335 03 | 040 13 | 040 03 | 095 13 | ... | 090 02 | 155 03 | 235 03 | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | 130 05 | 230 03 | ... | ... | ... | ... | ... | ... | 005 01 | 175 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 180 23 | 180 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// // | 285 07 | 270 17 | ... | ... | ... | ... | ... |
| Sargodha ... | 055 04 | 070 06 | 080 04 | 060 02 | 225 06 | ... | ... | ... | ... | 050 03 | 075 04 | 085 05 | 105 06 | 110 09 | 105 06 | 050 05 | 080 08 | 090 10 | 120 15 | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | 210 03 | /// // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 03 | /// // | 195 06 | 210 03 | ... | ... | ... | ... |
| Sylhet ... | 270 12 | 260 21 | 250 20 | 248 19 | 270 30 | 295 35 | ... | ... | ... | 300 04 | 210 05 | 270 07 | ... | ... | ... | 210 01 | 235 02 | 250 04 | 255 07 | ... | ... | ... | ... | ... | ... | ... |
| 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 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 235 16 | 240 22 | 245 35 | 250 23 | 265 39 | 260 43 | 245 43 | 250 55 | 250 35 | 255 52 | 240 51 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 130 18 | 135 18 | 135 18 | 150 14 | 150 12 | 195 10 | 225 29 | 220 46 | 225 42 | 255 60 | 261 02 | 251 06 | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

*PPP—Pressure in hunderds tens and units of millibars*

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

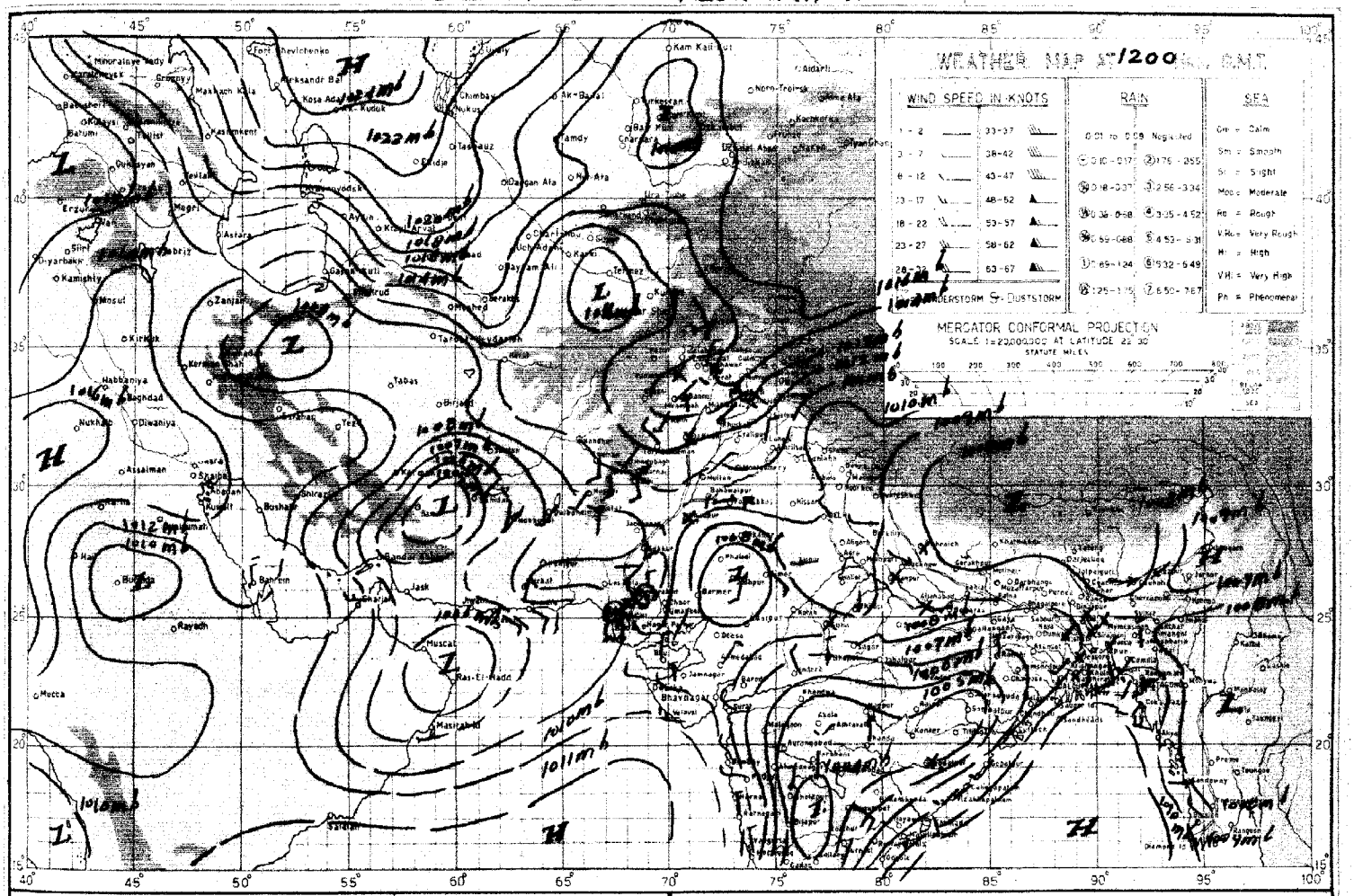
† The actual time of observations may vary within half an hour of the specified time.

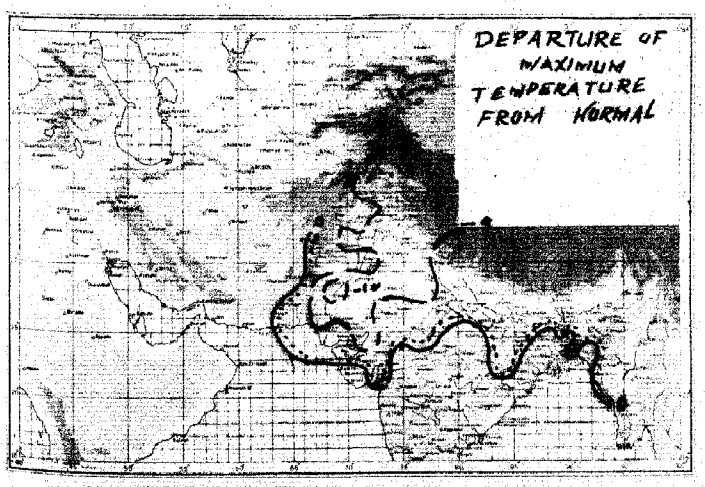
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

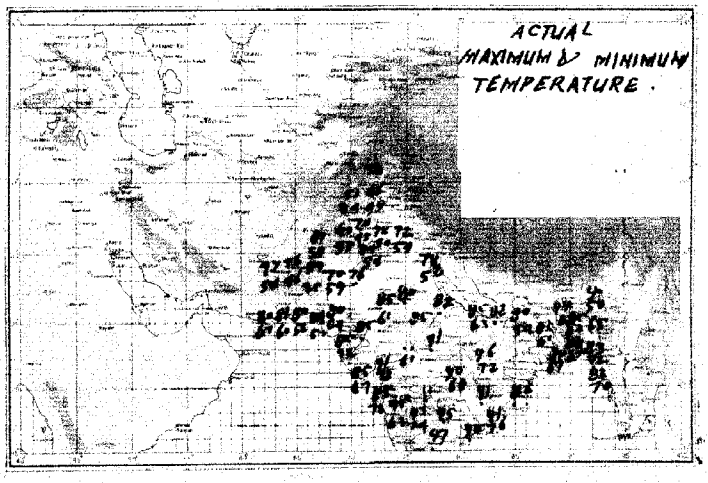
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

THURSDAY 26TH FEBRUARY, 1970



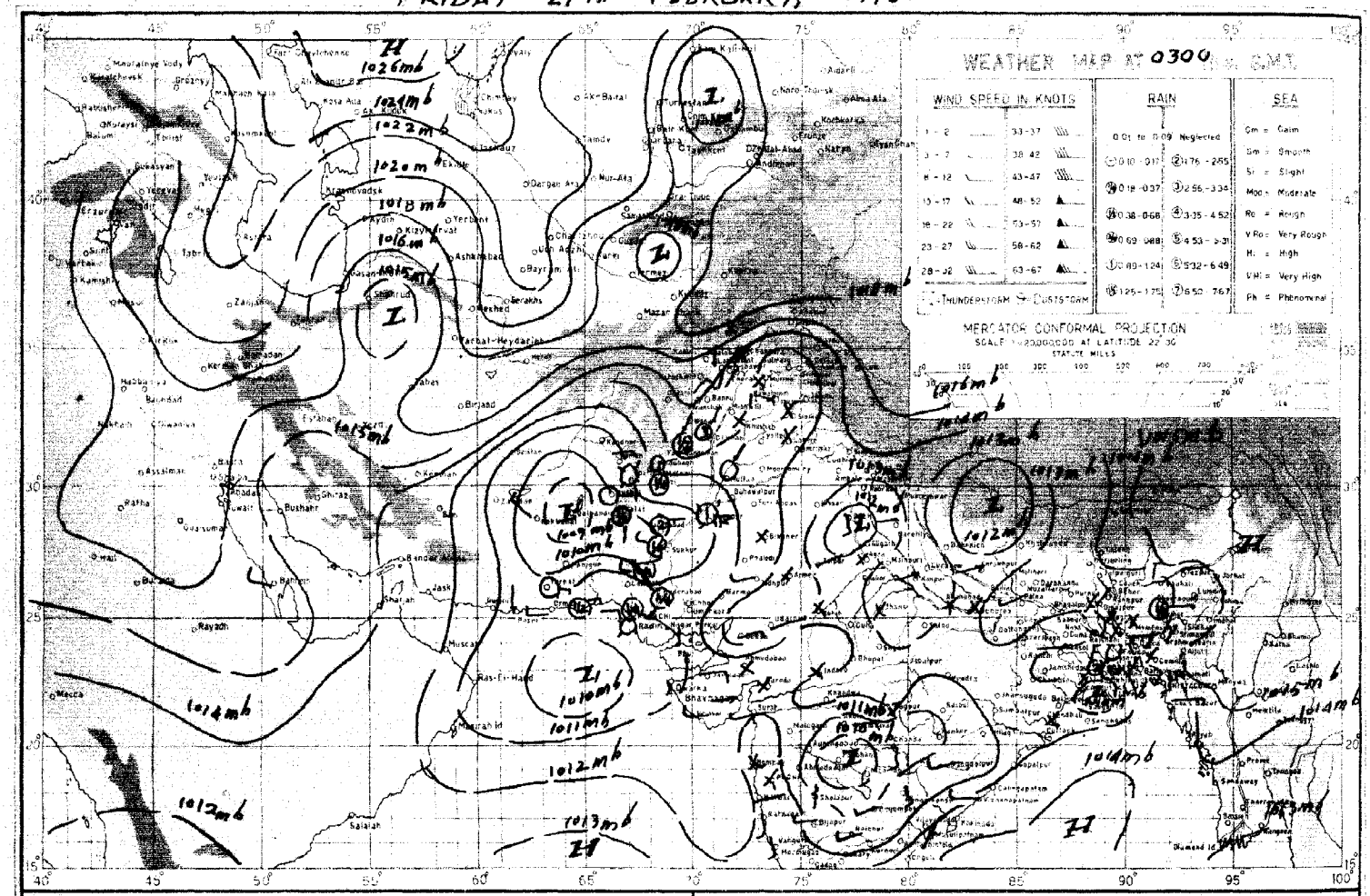



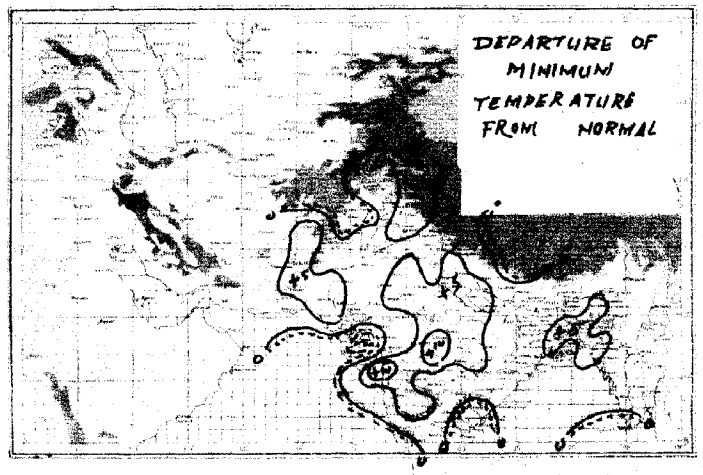

REG. No. 1024 SWXDG-1,45,000-68.

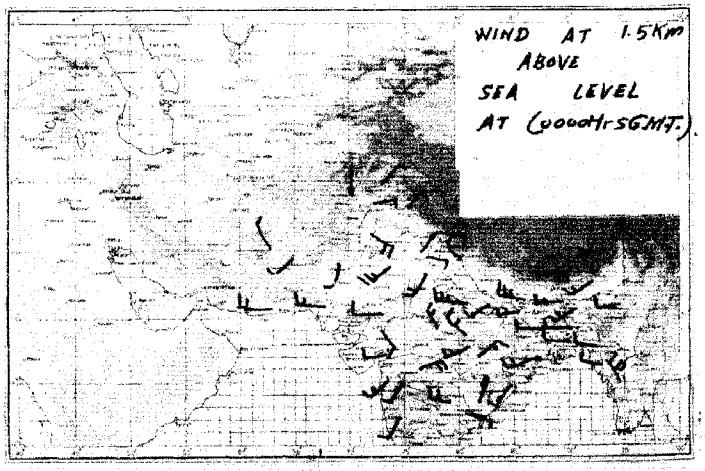
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 27TH FEBRUARY, 1970.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SATURDAY THE 28th FEBRUARY 1970.**

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

Yesterday's western disturbance over southern and central divisions now lies over central and northern divisions of west Pakistan.

Rain/thundershowers have been widespread in Sargodha division, fairly widespread in Bahawalpur and Peshawar divisions, local in Rawalpindi and D. I. Khan divisions and scattered in Lahore and Multan divisions. A few falls of rain thundershowers occurred in Quetta, Hyderabad and Khairpur divisions.

Trough of low pressure over west Bengal is moving eastwards.

Weather has been dry over the province.

Chief amounts of rainfall are recorded in Jhelum and Kakul 2" each, Haripur and D. I. Khan 1½" each, Rawalpindi, Khushab, Sargodha and Chakdara 1" each, Lahore ¾", Lyallpur, Drosh. Cherat and Peshawar ½" each, Multan and Bahawalpur ½" each.

Night temperatures were 3—6 °F (2—3 °C) above normal in Quetta, Dacca and Rajshahi divisions and 4—9 °F (2—5 °C) so in Chittagong and Khulna, divisions, and 3—7 °F (2—3 °C) in Sargodha, Multan, Malakand and D. I. Khan divisions.

**Forecast valid until the evening of 1st March 1970 :**—Rain/thundershower is likely to be local in Kashmir, Sargodha, Lahore, Rawalpindi, Khulna, Rajshahi and Dacca divisions and scattered in Multan, Quetta, D. I. Khan, Peshawar and Chittagong divisions.

Karachi-11
The 28th February, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 18 | 02 | 96 | 01 | 0 | 110 | 84 | 1 | 1 | 7 | 0 | 0 | 71 | 90 |
| | Cox's Bazar | 000 | 0 | 0 | 27 | 03 | 94 | 02 | 0 | 119 | 79 | 0 | 0 | 9 | 0 | 0 | 73 | 83 |
| | Chittagong | 000 | 0 | 1 | 27 | 02 | 96 | 02 | 4 | 107 | 88 | 1 | 0 | 9 | 2 | 0 | 73 | 85 |
| | Maijdee Court | 080 | 9 | 0 | 00 | 00 | 97 | 00 | 0 | 110 | 89 | 0 | 0 | 9 | 0 | 0 | 71 | 84 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 106 | 80 | 0 | 0 | 9 | 0 | 0 | 73 | // |
| | Brahmanbaria | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 1 | 096 | 82 | 0 | 0 | 9 | 0 | 0 | 66 | 88 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 103 | 70 | 0 | 0 | 9 | 0 | 0 | 64 | 82 |
| | Srimangal | 000 | 0 | 0 | 18 | 02 | 96 | 00 | 0 | 103 | 80 | 0 | 0 | 9 | 0 | 0 | 66 | 87 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 106 | 80 | 0 | 0 | 9 | 0 | 0 | 64 | 87 |
| | Narayanganj | 000 | 0 | 0 | 23 | 02 | // | 00 | 0 | 098 | 87 | 0 | 0 | 9 | 0 | 0 | 64 | 88 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 095 | 84 | 1 | 2 | 6 | 0 | 0 | 60 | 90 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 099 | 84 | 0 | 0 | 9 | 0 | 0 | 60 | 87 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 1 | 101 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 88 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 094 | 87 | 0 | 0 | 9 | 0 | 0 | 79 | 91 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 100 | 86 | 0 | 0 | 9 | 0 | 0 | 77 | 90 |
| | Jessore | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 0 | 098 | 84 | 4 | 0 | 9 | 4 | 6 | 64 | 89 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 106 | 80 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 092 | 84 | 0 | 0 | 9 | 0 | 0 | 56 | 84 |
| | Rajshahi | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 102 | 82 | 3 | 8 | 5 | 0 | 0 | 62 | 90 |
| | Bogra | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 092 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 86 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 95 | 00 | 0 | 093 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 84 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 063 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 002 | 1 | 8 | 11 | 05 | 96 | 60 | 6 | 074 | 62 | 4 | 5 | 6 | 2 | 0 | 58 | 69 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — |
| Rawalpindi | Jhelum | 000 | 0 | 8 | 05 | 32 | 97 | 51 | 2 | 070 | 62 | 5 | 3 | 6 | 2 | 1 | 49 | 63 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 014 | 4 | 8 | 31 | 02 | 99 | 21 | 6 | 096 | 52 | 9 | 4 | 6 | 0 | 0 | 54 | 58 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 049 | 6 | 8 | 36 | // | 96 | 50 | 6 | 081 | 56 | 8 | 5 | 7 | 0 | 0 | 56 | 60 |
| | Sargodha | 044 | 7 | 8 | 05 | 03 | 95 | 41 | 6 | 080 | 56 | 7 | 7 | 3 | 2 | / | 56 | 60 |
| | Lyallpur | 000 | 3 | 5 | 36 | 03 | 95 | 51 | 5 | 050 | 69 | 5 | 4 | 7 | 0 | 0 | 5: | 60 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 039 | 4 | 8 | 36 | 12 | 97 | 51 | [illegible] | 087 | 56 | 7 | 7 | 3 | 2 | / | 54 | 63 |
| | Leiah | 000 | 0 | 6 | 36 | 08 | 92 | 01 | 2 | 147 | 58 | 0 | 0 | 9 | 0 | 6 | 54 | // |
| Bahawalpur | Khanpur | 110 | 3 | 7 | 31 | 07 | 96 | 21 | 6 | 080 | 60 | 4 | 5 | 7 | 3 | 0 | 58 | 66 |
| | Bahawalpur | 015 | 8 | 7 | 00 | 00 | 94 | 20 | 5 | 082 | 66 | 0 | 0 | 9 | 0 | 0 | 62 | 66 |
| | Fort Abbas | /// | 9 | 4 | 27 | 02 | 97 | 22 | 3 | 062 | 69 | 0 | 4 | 7 | 0 | 0 | 62 | 72 |
| Malakand | Chakdra | 013 | 5 | 8 | 13 | 02 | 96 | 60 | 2 | 121 | 49 | 8 | 3 | 7 | 8 | 0 | 45 | 52 |
| Peshawar | Peshawar | 021 | 4 | 8 | 80 | 80 | 96 | 61 | 6 | 123 | 52 | 4 | 3 | 5 | 2 | / | 53 | 60 |
| | Haripur | 018 | 8 | 8 | 36 | 03 | 96 | 43 | 6 | 109 | 52 | 8 | 7 | 6 | 0 | 0 | 49 | 54 |
| D. I. Khan | Bannu | 042 | 9 | 8 | 02 | 02 | 98 | 61 | 6 | 118 | 50 | 8 | 7 | 6 | 0 | 0 | 46 | 56 |
| | D. I. Khan | 115 | 9 | 8 | 31 | 09 | 96 | 61 | 6 | 100 | 54 | 6 | 6 | 4 | 2 | 1 | 52 | 77 |
| Quetta | Sibi | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 1 | 079 | 66 | 4 | 2 | 9 | 4 | 2 | 62 | 67 |
| | Nokkundi | 000 | 0 | 0 | 31 | 09 | 96 | 01 | 0 | 070 | 75 | 0 | 0 | 9 | 0 | 0 | 75 | 77 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 110 | 83 | 0 | 0 | 9 | 0 | 0 | 46 | 83 |
| | Jiwani | 000 | 0 | 2 | 27 | 05 | 96 | 02 | 0 | 086 | 80 | 2 | 1 | 6 | 0 | 0 | 58 | [illegible] |
| | Pasni | 000 | 0 | 0 | 25 | 12 | 97 | 82 | 0 | 032 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 86 |
| Karachi division | Ormara | 000 | 0 | 1 | 25 | 06 | 96 | 02 | 2 | 091 | 79 | 0 | 8 | 6 | 0 | 0 | 61 | 80 |
| | Lasbela | 000 | 0 | 5 | 28 | 02 | 98 | 00 | 0 | 062 | 81 | 0 | 0 | 8 | 0 | 0 | 60 | 83 |
| | Karachi (Manora) | 000 | 0 | 8 | 27 | 05 | 97 | 03 | 0 | 094 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 83 |
| | Karachi (Airport) | 000 | 0 | 2 | 23 | 07 | 96 | 01 | 2 | 081 | 76 | 2 | 6 | 3 | 0 | 0 | 63 | 78 |
| Hyderabad | Nagarparkar | 005 | 1 | 6 | 05 | 02 | 97 | 02 | 0 | 134 | 65 | 6 | 6 | 6 | 0 | 0 | 65 | 80 |
| | Chhor | 005 | 9 | 7 | 23 | 12 | 96 | 00 | 3 | 081 | 74 | 5 | 4 | 6 | 2 | 0 | 63 | 80 |
| | Hyderabad | 000 | 9 | 4 | 23 | 07 | 98 | 01 | 5 | 006 | 78 | 1 | 2 | 6 | 3 | 1 | 63 | 76 |
| | Badin | 000 | 0 | 8 | 20 | 05 | 96 | 03 | 0 | 087 | 69 | 0 | 0 | 5 | 0 | 8 | 61 | 80 |
| Khairpur | Padidan | 014 | 8 | 2 | 27 | 02 | 97 | 01 | 5 | 066 | 78 | 2 | 4 | 6 | 0 | 0 | 80 | 73 |
| | Nawabshah | 000 | 0 | 2 | 27 | 03 | 96 | 01 | 2 | 069 | 84 | 1 | 5 | 6 | 0 | 8 | 55 | 85 |
| | Sukkur | 000 | 8 | 7 | 23 | 02 | 96 | 02 | 0 | 072 | 70 | 7 | 0 | 9 | 9 | 0 | 52 | 74 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 5 | 36 | 03 | 96 | 01 | 2 | 078 | 69 | 1 | 3 | 6 | 2 | 0 | 60 | 69 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 005 | 3 | 8 | 00 | 00 | 94 | 61 | 6 | 481 | 38 | 8 | 7 | 4 | / | / | 36 | 45 |
| Peshawar | Cherat * | 040 | 5 | 8 | 00 | 80 | 97 | 65 | 6 | 449 | 41 | 8 | 7 | 6 | / | / | 40 | 49 |
| | Kakul * | 018 | 9 | 8 | 21 | 02 | 97 | 63 | 6 | 443 | 45 | 4 | 7 | 5 | 9 | / | 43 | 54 |
| | Landikotal * | 101 | 4 | 8 | 36 | 02 | 98 | 03 | 8 | 614 | 45 | 8 | 7 | 6 | / | / | 40 | 50 |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 438 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 58 |
| | Wana * | 050 | 0 | 8 | 23 | 02 | 98 | 02 | 4 | 438 | 45 | 8 | 2 | 8 | 0 | 0 | 41 | 50 |
| Quetta | Fort Sandeman * | 056 | 4 | 6 | 23 | 01 | 97 | 01 | 7 | 437 | 45 | 5 | 7 | 5 | 1 | 0 | 41 | 45 |
| | Hindubagh * | 000 | 0 | 8 | 23 | 06 | 95 | 03 | 0 | /// | 38 | 8 | 7 | 8 | 0 | 0 | 36 | 58 |
| | Loralai * | 000 | 0 | 8 | 19 | 03 | 98 | 01 | 0 | 490 | 48 | 1 | 0 | 9 | 0 | 8 | 39 | 50 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 010 | 1 | 9 | 31 | 09 | 96 | 02 | 6 | 415 | 52 | 0 | 0 | 5 | 0 | 9 | 43 | 63 |
| | Samungli (Quetta) * | 013 | 2 | 5 | 80 | 00 | 96 | 02 | 9 | 455 | 45 | 5 | 7 | 6 | 0 | 0 | 32 | 55 |
| | Chaman * | 000 | 0 | 0 | 37 | 11 | 96 | 00 | 0 | 446 | 60 | 0 | 0 | 9 | 0 | 0 | 45 | 67 |
| | Nushki * | 000 | 3 | 0 | 27 | 10 | 94 | 09 | 3 | 507 | 66 | 0 | 0 | 9 | 0 | 0 | 34 | 73 |
| | Dalbandin * | 000 | 0 | 1 | 31 | 05 | 94 | 07 | 3 | 465 | 71 | 1 | 5 | 7 | 0 | 0 | 15 | 73 |
| Kalat | Kalat * | 000 | 6 | 9 | 25 | 07 | 96 | 00 | 2 | 450 | 42 | 9 | 6 | 9 | 0 | 0 | 33 | 55 |
| | Khuzdar * | 000 | 0 | 5 | 31 | 07 | 97 | 03 | 1 | 451 | 55 | 5 | 5 | 6 | 0 | 0 | 38 | 64 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 18 | 02 | 95 | 04 | 0 | 141 | 76 | 1 | 1 | 7 | 0 | 0 | 71 | 69 | — | — | 4.0 | — | 2.4 | [illegible] |
| | Cox's Bazar | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | | | | | 140 |
| | Chittagong | 000 | 9 | 7 | 00 | 00 | 95 | 10 | 4 | 145 | 77 | 1 | 7 | 2 | 0 | 0 | 75 | 72 | 0 | + 10 | 1.4 | — 2.7 | 0.6 | 168 |
| | Maijdee Court | 000 | 9 | 7 | 18 | 02 | 96 | 82 | 2 | 150 | 77 | 5 | 5 | 5 | 2 | 1 | 73 | 71 | + 1 | + 6 | 3.6 | + 0.6 | 3.2 | 115 |
| | Comilla | 000 | 0 | 3 | 00 | 00 | 96 | 83 | 0 | 142 | 77 | 3 | 4 | 7 | 0 | 0 | 73 | 71 | 1 | + 9 | 2.0 | — 1.1 | 1.5 | 94 |
| | Brahmanbaria | 000 | 3 | 0 | C0 | C0 | 97 | 00 | 4 | 152 | 75 | 0 | 0 | 9 | 0 | 0 | 68 | 66 | — | | 2.1 | — 0.5 | 0.8 | 78 |
| | Sylhet | 000 | 0 | 2 | 05 | 05 | 96 | 03 | 0 | 146 | 75 | 2 | 0 | 9 | 3 | 0 | 58 | 64 | + 1 | — | 7.2 | — | 5.7 | — |
| | Srimangal | 030 | 0 | 8 | 00 | 00 | 96 | 00 | 0 | 152 | 69 | 0 | 0 | 9 | 0 | 0 | 66 | 58 | + 1 | + 3 | 3.1 | + 0.4 | 1.6 | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 159 | 77 | 0 | 0 | 9 | 0 | 0 | 60 | 64 | + 4 | + 5 | 1.5 | — 0.7 | 1.2 | 91 |
| | Narayanganj | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | 74 |
| | Dacca (Tejgaon) | 000 | 4 | 2 | 31 | C2 | 93 | 42 | 4 | 149 | 70 | 2 | 6 | 3 | 0 | 0 | 69 | 68 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 1 | 34 | 02 | 97 | 01 | 0 | 141 | 78 | 1 | 9 | 9 | 0 | 0 | 71 | 66 | + 3 | + 6 | 2.9 | + 0.1 | 1.3 | 71 |
| Khulna | Barisal | 000 | 0 | 8 | 27 | 03 | 97 | 03 | 2 | 143 | 77 | 5 | 4 | 4 | 2 | 0 | 73 | 73 | + 3 | + 9 | 1.9 | — 1.2 | 1.0 | 81 |
| | Khulna | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | + 4 | | | | | 68 |
| | Satkhira | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 148 | 75 | 2 | 1 | 0 | 0 | 0 | 73 | 71 | + 3 | + 9 | 2.3 | — 0.1 | 2.1 | 65 |
| | Jessore | 000 | 0 | 3 | 33 | 03 | 96 | 05 | 1 | 148 | 75 | 2 | 0 | 9 | 3 | 1 | 63 | 66 | — | — | 3.6 | + 0.8 | 2.5 | 65 |
| Rajshahi | Pabna | 003 | 0 | 2 | 31 | 02 | 99 | 01 | 1 | 148 | 80 | 2 | 0 | 9 | 3 | 0 | 61 | 64 | — | — | 3.4 | — | 2.4 | 59 |
| | Sirajganj | 000 | 0 | 2 | 27 | 01 | 98 | 03 | 0 | 149 | 75 | 2 | 0 | 7 | 4 | 0 | 64 | 64 | 0 | + 5 | 2.1 | — 0.2 | 1.7 | 64 |
| | Rajshahi | 000 | 0 | 4 | 03 | 90 | 97 | 03 | 0 | 147 | 73 | 3 | 0 | 4 | 3 | 0 | 52 | 64 | + 5 | + 6 | 1.4 | + 2.6 | 1.5 | — |
| | Bogra | 000 | 0 | 3 | 31 | 02 | 96 | 03 | 0 | 149 | 72 | 0 | 0 | 9 | 1 | 8 | 62 | 63 | + 2 | + 4 | 2.4 | — 0.3 | 1.2 | 69 |
| | Dinajpur | 000 | 3 | 6 | 00 | 00 | 96 | 02 | 0 | 153 | 71 | 6 | 5 | 6 | 0 | 0 | 62 | 60 | + 1 | + 5 | 1.6 | — 0.1 | 0.8 | 72 |
| | Rangpur | 008 | 0 | 5 | 09 | 02 | 96 | 03 | 1 | 154 | 69 | 5 | 0 | 9 | 2 | 0 | 61 | 56 | + 2 | + 1 | 2.5 | + 1.0 | 1.0 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 085 | 9 | 8 | 23 | 02 | 96 | 03 | 6 | 145 | 54 | 3 | 5 | 8 | 2 | / | 50 | 54 | — 9 | + 6 | 1.7 | — 0.9 | 1.7 | 19 |
| | Sialkot | 003 | 0 | 0 | 20 | 18 | 98 | 00 | 0 | 210 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 53 | — | — 7 | 1.6 | — 3.0 | 1.6 | 32 |
| Rawalpindi | Jhelum | 203 | 7 | 7 | 13 | 02 | 97 | 03 | 6 | 145 | 52 | 4 | 5 | 6 | 7 | 0 | 50 | 50 | — | — | 4.4 | — | 4.3 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 112 | 7 | 8 | 00 | 00 | 97 | 02 | 0 | 138 | 48 | 8 | 5 | 6 | 0 | 0 | 46 | 46 | — 12 | + 1 | 5.5 | — 1.0 | 5.3 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 118 | 0 | 7 | 09 | 11 | 94 | 10 | 2 | 137 | 46 | / | / | 0 | / | / | 45 | 45 | — 17 | — 5 | 1.5 | — 0.6 | 1.5 | 15 |
| | Sargodha | 100 | 2 | 9 | 00 | 00 | 91 | 45 | 4 | 133 | 46 | 9 | / | 3 | / | / | 46 | 45 | — | — | 1.5 | — | 1.3 | — |
| | Lyallpur | 045 | 9 | 0 | 00 | 00 | 94 | 42 | 6 | 135 | 45 | 0 | 0 | 9 | 0 | 0 | 40 | 41 | — 17 | — 7 | 0.8 | — 0.5 | 0.4 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 079 | 9 | 0 | 18 | 10 | 97 | 02 | 5 | 117 | 54 | 0 | 0 | 9 | | 0 | 48 | 45 | — 15 | — 6 | 0.8 | — 0.2 | 0.8 | 7 |
| | Leiah | 030 | 0 | 8 | 36 | 06 | 92 | 50 | 5 | 124 | 56 | 0 | 8 | 0 | 7 | 0 | 56 | 54 | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 15 | | | | | 6 |
| | Bahawalpur | 020 | 9 | 0 | 00 | 00 | 96 | 00 | 5 | 111 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 50 | — 15 | — 1 | 0.2 | — 0.5 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 147 | 56 | 0 | 0 | 9 | 0 | 0 | 43 | 53 | — | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdra | 120 | 0 | 8 | 00 | 00 | 96 | 01 | 1 | 103 | 45 | 8 | 5 | 6 | / | / | 43 | 42 | — | — | 4.3 | — | 3.3 | — |
| Peshawar | Peshawar | 046 | 0 | 7 | 31 | 03 | 96 | 04 | 3 | 143 | 46 | 3 | 5 | 6 | 2 | / | 46 | 46 | — 11 | — 1 | 2.6 | — 1.4 | 2.0 | 11 |
| | Haripur | 138 | 8 | 8 | 26 | 02 | 96 | 03 | 6 | 151 | 49 | 8 | 7 | 6 | 0 | 0 | 46 | 45 | — | — | 5.3 | — | 4.4 | — |
| D. I. Khan | Bannu | 005 | 0 | 0 | 05 | 02 | 99 | 00 | 1 | 118 | 44 | 0 | 0 | 9 | 0 | 0 | 45 | 42 | — | — | 1.5 | — | 1.0 | 11 |
| | D. I. Khan | 142 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 132 | 50 | 0 | 0 | 9 | 0 | 0 | 45 | 42 | 0 | — 7 | 5.8 | — 4.2 | 5.8 | 9 |
| Quetta | Sibi | 000 | 0 | 8 | 13 | 03 | 97 | 03 | 1 | 159 | 77 | 6 | 2 | 9 | 6 | 2 | 48 | 52 | — | — | 0.3 | — | 0.3 | 1 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 167 | 53 | 0 | 0 | 9 | 0 | 0 | 29 | 53 | — | — | 1.8 | — | 1.8 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 03 | 0 | 176 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 62 | — | — | 0.5 | — | 0.5 | — |
| | Jiwani | 000 | 0 | 5 | 05 | 02 | 96 | 03 | 0 | 137 | 68 | 2 | 6 | 5 | 0 | 1 | // | 64 | — | — | 8.7 | — | 7.9 | 8 |
| | Pasni | 000 | 0 | 0 | 29 | 10 | 97 | 02 | 0 | 126 | 65 | 3 | 3 | / | 0 | 0 | 61 | 56 | + 5 | — 2 | 2.5 | — 1.8 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 03 | 94 | 10 | 1 | 150 | 65 | 0 | 0 | 9 | 0 | 0 | 65 | // | — | — | 2.9 | — 1.5 | 2.9 | 6 |
| | Lasbela | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 2 | 139 | 62 | 3 | 7 | 4 | 0 | 0 | 67 | 66 | — 3 | + 1 | 0.5 | — 0.7 | 0.5 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 93 | 47 | 4 | 130 | 65 | / | / | 0 | / | / | 63 | 63 | — | — | 0.6 | — | 0.6 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 07 | 0 | 123 | 62 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — | — | 0.1 | — | 0.1 | — |
| | Chhor | 009 | 0 | 0 | 00 | 00 | // | 02 | 0 | 113 | 57 | 0 | 0 | 9 | 0 | 0 | 53 | // | — | — | 0.1 | — | 0/1 | 7 |
| | Hyderabad | 000 | 9 | 0 | 13 | 03 | 95 | 10 | 5 | 142 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | — 7 | + 1 | 0.5 | — 0.1 | 0.5 | 9 |
| | Badin | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 1 | 111 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 60 | — 14 | + 2 | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 001 | 9 | 0 | 00 | 00 | 95 | 10 | 9 | 136 | 55 | 0 | 0 | 9 | 0 | 0 | 53 | 52 | — | — | 0.3 | — | 0.3 | — |
| | Nawabshah | 005 | 9 | 0 | 13 | 02 | 96 | 02 | 0 | 142 | 58 | 0 | 0 | 9 | 0 | 0 | 34 | 54 | — | — | 0.1 | — | 0.1 | 4 |
| | Sukkur | 090 | 9 | 0 | 06 | 03 | 96 | 03 | 0 | 140 | 61 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — | — | 0.7 | — | 0.7 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 138 | 53 | 0 | 0 | 9 | 0 | 0 | 53 | 53 | — 14 | — 1 | 2.0 | + 1.2 | 1.9 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 28 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 7 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 055 | 3 | 8 | 00 | 00 | 93 | 60 | 6 | 442 | 35 | 8 | 7 | 3 | / | / | 32 | 32 | — 7 | + 4 | 2.3 | — | 1.7 | 29 |
| Peshawar | Cherat * | | ... | ... | | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 9 | | | | | — |
| | Kakul * | 185 | 3 | 7 | 09 | 05 | 99 | 60 | 6 | 457 | // | 4 | 7 | 5 | 4 | 0 | 40 | 38 | — | — | 4.6 | — | 8.6 | — |
| | Landikotal * | 000 | 0 | 8 | 31 | 05 | 98 | 03 | 1 | 162 | 43 | 8 | 7 | 6 | / | / | 38 | 32 | — | — | 3.1 | — | 2.4 | 29 |
| | Parachinar * | | | | | | | | | | | | | | | | | | | | | | | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 466 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 42 | — | — | 0.1 | — 3.9 | 0.1 | 11 |
| | Wana * | 004 | 0 | 0 | 23 | 03 | 99 | 00 | 0 | 416 | 46 | 0 | 2 | 9 | 0 | 0 | 41 | 40 | — | — | 2.4 | — | 2.4 | 18 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 458 | 42 | 0 | 0 | 9 | 0 | 0 | 26 | [illegible] | — 20 | 0 | 1.4 | — 1.2 | 2.4 | — |
| | Hindubagh * | 000 | 0 | 0 | 24 | 25 | 97 | 02 | 0 | /// | 36 | 0 | 0 | 9 | 0 | 0 | 20 | // | — | — | 1.3 | — | 1.1 | 5 |
| | Loralai * | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 480 | 38 | 0 | 0 | 9 | 0 | 0 | 38 | 38 | — | — | 0.4 | — | 0.3 | — |
| | Barkhan * | 115 | 0 | 8 | 09 | 05 | // | 01 | 0 | 419 | 49 | 8 | 7 | 7 | 8 | 0 | 38 | // | — | — | — | — | — | 14 |
| | Harnai * | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 447 | 50 | 0 | 0 | 9 | 0 | 0 | 28 | 44 | — | — | 1.8 | — 1.4 | 1.8 | 9 |
| | Samungli (Quetta) * | 013 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 494 | 41 | 0 | 0 | 9 | 0 | 0 | 23 | 36 | — | — | 2.6 | — 2.6 | 1.9 | 9 |
| | Chaman * | 000 | 0 | 0 | 03 | 03 | 97 | 09 | 0 | 473 | 49 | 0 | 0 | 4 | 0 | 0 | 41 | 44 | + 3 | + 1 | 7.7 | + 2.7 | 7.7 | — |
| | Nushki * | 001 | 0 | 0 | 0 | 00 | 97 | 02 | 0 | 594 | 50 | 0 | 0 | 9 | 0 | 0 | 17 | // | — | — | 3.1 | — | 3.0 | 4 |
| | Dalbandin * | 008 | 0 | 1 | 03 | 08 | 95 | C5 | 8 | 496 | 44 | 0 | 0 | 9 | 0 | 1 | 30 | 43 | — 2 | — 1 | 1.3 | — 0.3 | 2.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 43 | 02 | 98 | 00 | 2 | 454 | 35 | 0 | 0 | 9 | 0 | 0 | 27 | 32 | — 2 | — 2 | 1.5 | — 2.3 | 1.5 | — |
| | Khuzdar * | 030 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 483 | 47 | 0 | 0 | 9 | 0 | 0 | 27 | 45 | — | — | 1.7 | — | 1.4 | 8 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th FEBRUARY, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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 $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Gmthinea ... ... | 99 2 31 | 10 5 93 | 27 1 03 | 32 4 03 | 99 0 20 | 12 6 23 | 21 4 00 | 33 2 08 | | | 05 2 65 | 17 5 30 | 30 1 01 | |
| Gmthinea ... ... | 99 2 20 | 10 6 00 | 27 0 03 | 00 9 02 | 99 0 20 | 11 2 22 | 00 0 00 | 04 5 00 | | | 05 2 66 | 17 5 00 | 30 1 00 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 009 216 09 | ... | 465 120 16 | 103 138 36 | 577 117 48 | 744 253 31 | 937 377 45 | 226 531 // | 404 467 // | 652 677 // | ... | ... | ... |
| Dacca ... | 00 00 | 011 220 06 | ... | 445 120 58 | 100 438 58 | 577 107 60 | 745 237 57 | 948 373 58 | 221 515 // | 382 633 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 999 000 82 | ... | 430 084 31 | 029 031 // | 561 181 // | 243 265 // | 927 318 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 012 310 03 | ... | 530 130 65 | 061 016 56 | 506 221 // | 725 335 // | 924 425 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 965 086 20 | ... | 390 024 18 | 930 069 42 | 549 225 30 | 709 329 // | 981 395 // | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 817 032 10 | ... | ... | 997 067 // | 557 199 // | 721 269 // | 926 303 // | | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 990 094 35 | ... | 380 034 47 | 903 055 40 | 546 221 // | 706 325 // | 903 445 // | 168 545 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{st}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 150 03 | 800 092 16 | 600 019 42 | 350 337 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 162 57 | 800 100 58 | 600 013 58 | 350 260 74 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 900 054 18 | 800 000 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 235 04 | 245 04 | 260 04 | 290 14 | 300 25 | 290 54 | 300 35 | ... | — |
| Bogra ... | 240 08 | 265 10 | 265 12 | 270 14 | 285 30 | 299 52 | 300 49 | ... | ... |
| Chaklala ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 220 14 | 030 18 | 240 19 | 245 16 | 250 17 | ... | | | ... |
| Chittagong ... | 225 09 | 300 06 | 300 05 | 295 13 | 300 29 | 295 52 | 285 49 | 275 44 | 260 45 |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 335 07 | 335 07 | 005 09 | 005 10 | 325 15 | ... | ... | ... | ... |
| Dacca ... | 260 07 | 260 08 | 260 05 | 250 06 | 235 09 | 230 10 | 235 12 | 260 20 | 270 23 |
| Dalbandin ... | ... | ... | 310 17 | 305 12 | 310 12 | 295 15 | 300 20 | 310 34 | 305 44 |
| D. I. Khan ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 360 09 | 075 09 | 325 29 | 295 39 | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 270 08 | 270 10 | 265 12 | 250 15 | | ... | ... | ... | ... |
| Jacobabad ... | 020 07 | 020 07 | 355 07 | 355 10 | 315 14 | 300 31 | 300 27 | ... | ... |
| Jessore ... | 300 04 | 265 04 | 190 07 | 230 12 | 285 19 | 290 39 | ... | ... | ... |
| Jhelum ... | 030 06 | 100 15 | 115 23 | 135 25 | ... | ... | ... | ... | ... |
| Jiwani ... | 260 05 | 310 06 | 315 06 | 330 06 | 330 07 | 325 19 | 295 25 | 285 40 | 275 43 |
| Karachi ... | 240 17 | 270 14 | 275 13 | 315 27 | 290 29 | 250 41 | ... | ... | ... |
| Khanpur ... | 330 17 | 330 19 | 320 24 | 305 21 | ... | | ... | ... | ... |
| Khuzdar ... | ... | ... | | 325 18 | 310 12 | 320 11 | ... | ... | ... |
| Lahore ... | 120 08 | 140 11 | 145 19 | 145 29 | ... | ... | ... | ... | ... |
| Multan ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 305 25 | 315 29 | 315 20 | 295 19 | 300 20 | 310 41 | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | — | ... | ... | ... | ... | | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | 310 09 | /// // | ... | ... | ... | ... |
| Sylhet ... | 285 07 | 260 09 | 260 09 | 265 19 | 260 32 | ... | — | — | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | |
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 265 11 | 270 13 | 270 19 | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 195 07 | 245 03 | 285 06 | 225 07 | ... |
| Chhor ... | 245 05 | 265 04 | 345 07 | 340 09 | 345 13 | 340 19 |
| Chittagong ... | — | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | | | ... | ... | ... | |
| Dacca ... | 235 15 | 235 19 | 250 13 | | 330 13 | ... |
| Dalbandin ... | ... | | 040 01 | 335 12 | 320 17 | 315 21 |
| D. I. Khan ... | 210 05 | 305 06 | 290 05 | 010 05 | 030 09 | 275 14 |
| Drosh ... | Rain | ing | ... | | | ... |
| Fort Sandeman ... | ... | ... | ... | 250 15 | 280 21 | 295 36 |
| Gilgit ... | No | Ascent | | | | |
| Ishurdi ... | 160 05 | 295 02 | 310 07 | 290 18 | 290 25 | 295 29 |
| Jacobabad ... | 150 12 | 250 04 | 280 17 | 275 18 | 200 20 | 300 35 |
| Jessore ... | 290 08 | 280 06 | 300 03 | 320 12 | 325 27 | 320 37 |
| Jhelum ... | 120 07 | 120 08 | 080 08 | 075 09 | ... | ... |
| Jiwani ... | 340 06 | 305 08 | 290 07 | 250 04 | 125 08 | 295 11 |
| Karachi ... | ... | | | | ... | ... |
| Khanpur ... | 230 06 | 230 07 | 265 06 | 310 07 | 305 12 | 255 15 |
| Khuzdar ... | | | | 320 07 | 330 31 | |
| Lahore ... | 190 08 | 195 09 | 220 08 | 245 15 | 250 15 | 355 16 |
| Multan ... | 200 12 | 205 13 | 215 15 | 240 10 | 285 07 | 330 06 |
| Nawab Shah ... | ... | ... | | ... | ... | |
| Nokkundi ... | ... | ... | 355 09 | 270 12 | 295 16 | 305 22 |
| Panjgur ... | ... | ... | | | | |
| Peshawar ... | ... | 040 08 | 110 12 | 150 10 | 260 08 | 270 20 |
| Parachinar ... | ... | | ... | | ... | ... |
| Quetta ... | No | Ascent | | ... | ... | |
| Sargodha ... | 215 10 | 240 06 | 255 08 | 255 16 | 270 18 | 245 17 |
| Skardu ... | No | Ascent | ... | ... | ... | |
| Sylhet ... | 115 13 | 105 01 | 105 02 | 290 06 | 290 23 | 295 43 |
| Veraval ... | ... | ... | ... | — | | - |

| Height in Kms. a.s.l. —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | ... | | | | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | 310 03 | 350 04 | 340 10 | 325 16 | 330 21 | ... | ... | ... | ... | ... | ... |
| Chaklala ... | — | 140 13 | 130 13 | 140 // | 155 08 | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 290 08 | 300 06 | 295 06 | 285 03 | 305 12 | 310 29 | 255 33 | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 340 11 | 340 09 | 345 06 | 010 04 | 360 08 | 340 23 | 255 17 | 255 38 | 260 45 | ... | ... |
| Dacca ... | 290 08 | 055 08 | 280 08 | 290 11 | 335 18 | 260 21 | 260 39 | 270 50 | 270 57 | 265 63 | 270 92 |
| Dalbandin ... | ... | ... | 040 01 | 325 08 | 310 11 | 320 02 | 295 27 | 290 32 | 285 33 | 275 39 | 275 44 |
| D. I. Khan ... | 100 08 | 090 10 | 090 11 | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 235 06 | 265 07 | 265 16 | 270 44 | 270 44 | 275 49 | 2 33 57 | 310 13 |
| Gilgit ... | ... | ... | ... | | | | ... | ... | ... | ... | ... |
| Ishurdi ... | 325 03 | 325 07 | 310 07 | 305 09 | 300 08 | | ... | ... | ... | ... | ... |
| Jacobabad ... | 230 06 | 260 07 | 275 09 | 285 12 | 300 14 | 295 36 | 290 39 | 295 43 | ... | ... | ... |
| Jessore ... | 020 11 | 030 08 | 035 07 | 355 08 | 260 16 | 250 30 | 260 21 | ... | ... | ... | ... |
| Jhelum ... | 160 04 | 125 09 | 115 17 | ... | 115 20 | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 095 15 | 105 17 | 100 12 | 170 04 | 150 07 | | | ... | ... | ... | ... |
| Karachi ... | 360 04 | 020 10 | 020 10 | 010 09 | 340 12 | 310 17 | 235 07 | | ... | ... | |
| Khanpur ... | 250 08 | 275 03 | 280 13 | 275 18 | 260 27 | 275 24 | 305 17 | 245 13 | ... | ... | ... |
| Khuzdar ... | | | ... | 295 15 | 315 18 | 325 33 | ... | ... | ... | ... | ... |
| Lahore ... | 165 03 | 145 07 | 160 10 | 175 08 | 135 13 | | ... | ... | | ... | ... |
| Multan ... | 205 02 | 230 32 | 235 30 | 250 20 | 290 21 | 300 30 | 240 27 | 275 70 | 275 95 | 266 06 | 261 23 |
| Nawab Shah ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 360 07 | 310 07 | 295 07 | 330 09 | 340 17 | 360 24 | 075 29 | ... | ... |
| Panjgur ... | ... | ... | | | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 325 03 | 215 05 | 180 15 | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | | ... | ... | | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 270 17 | 300 21 | 295 51 | 100 21 | ... | ... | ... |
| Sargodha ... | 120 05 | 110 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | | ... | | 200 12 | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 150 03 | 230 02 | 245 08 | 260 19 | 300 11 | 300 31 | 265 43 | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | | ... | ... | | ... | ... |

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

| Height in g.p. Kms. a.s.l —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | ..4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 240 10 | 320 09 | 320 08 | 315 11 | 330 17 | 310 18 | 270 25 | 275 33 | 275 41 | 275 57 | 270 66 | 260 65 | 260 85 | ... | ... | ... | ... | ... |
| Multan ... | 155 27 | 165 20 | 200 15 | 240 11 | 265 22 | 225 26 | 250 48 | 230 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

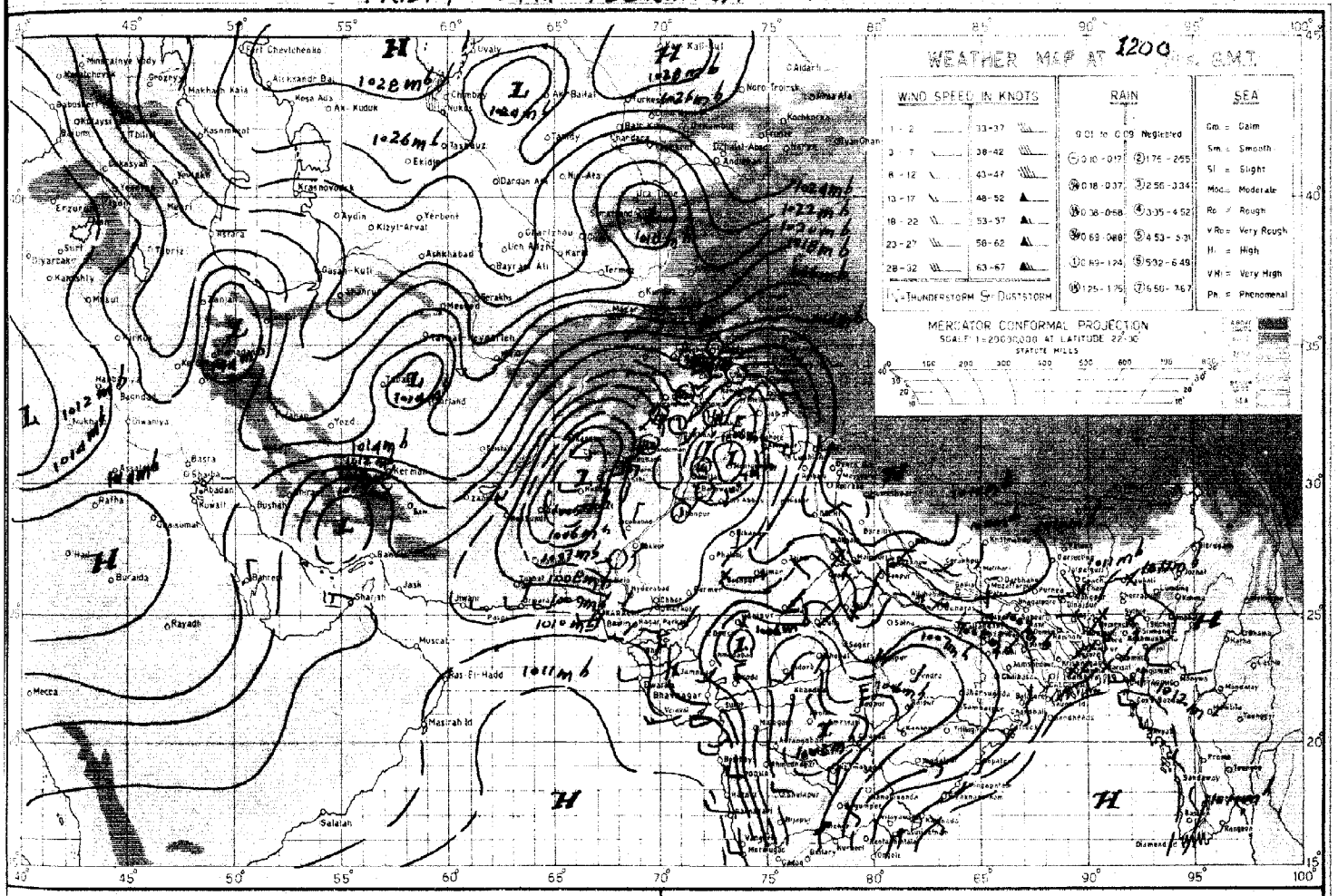
† The actual time of observations may vary within half an hour of the specified time.

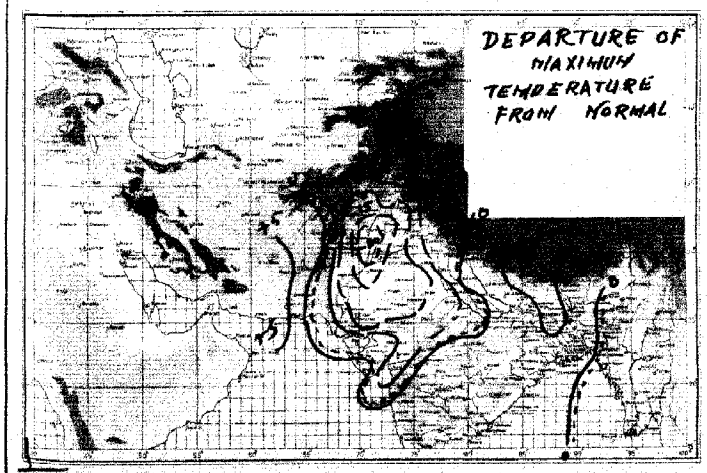
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

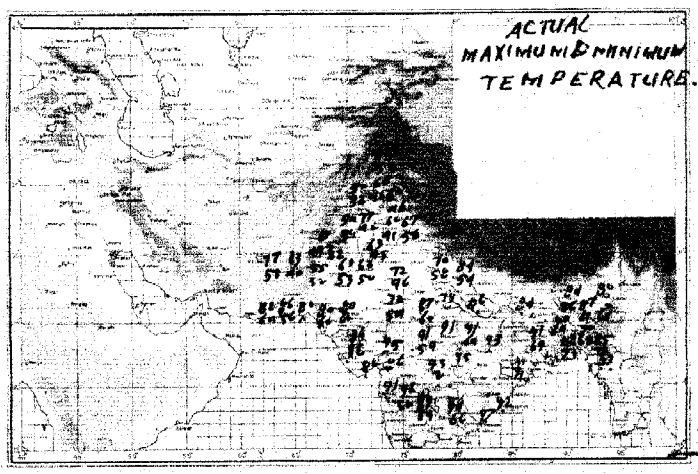
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained. If necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 27TH FEBRUARY, 1970

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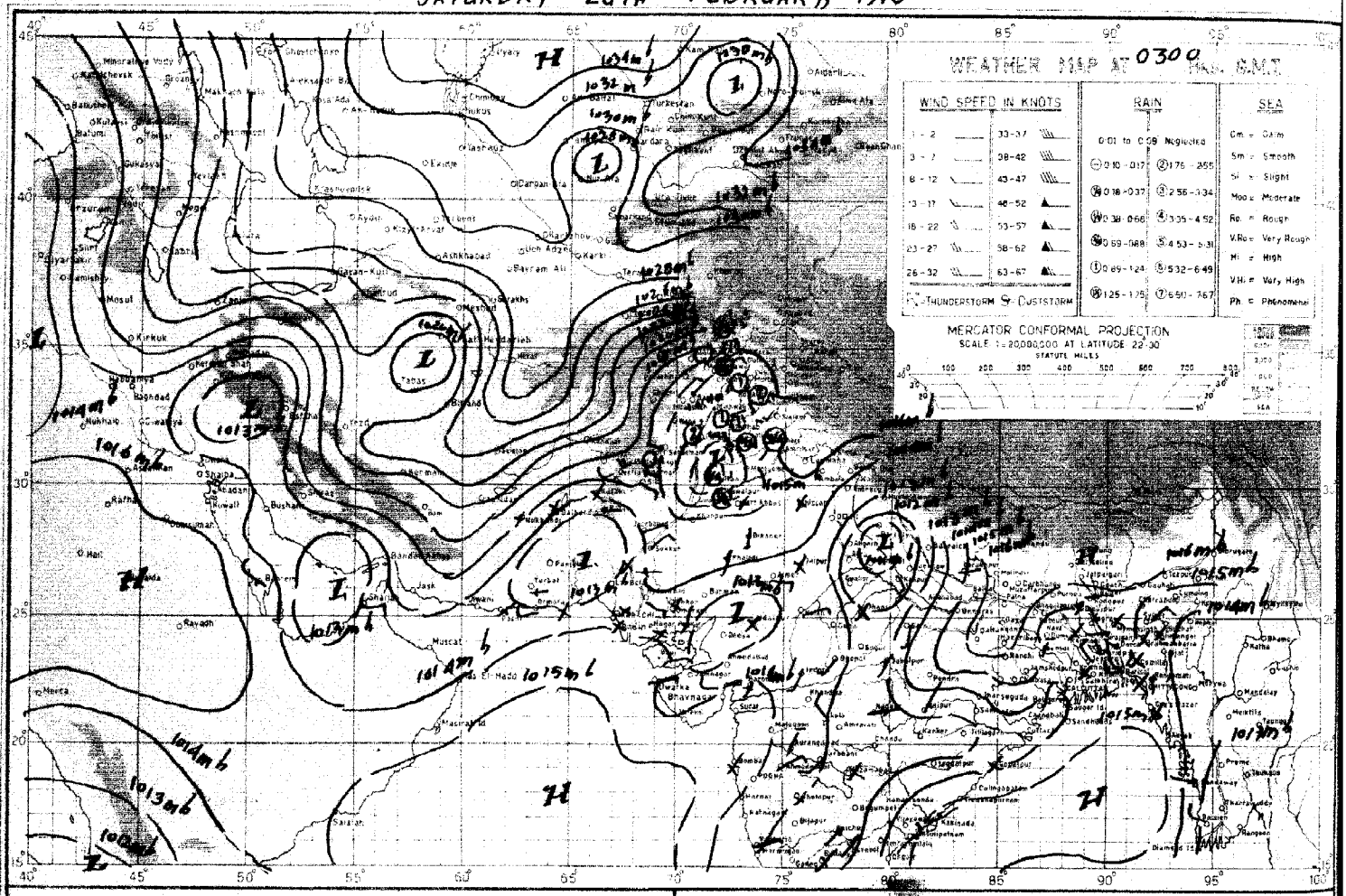
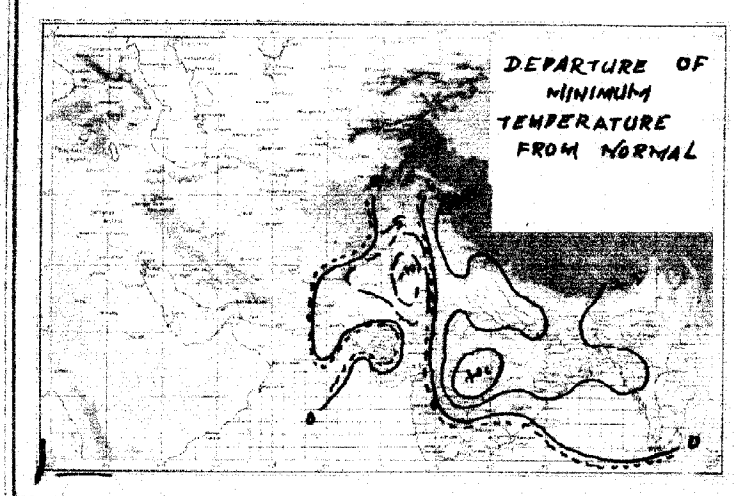
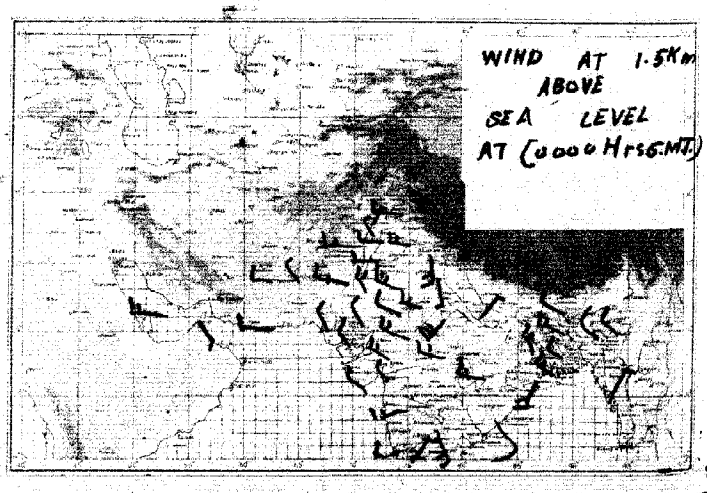
# PAKISTAN DAILY WEATHER MAP

SATURDAY 28TH FEBRUARY, 1970

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Pages 1—2 Rs. 5/-

Reg. No. S-110
Volume No.

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 1st MARCH, 1970.**

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

Yesterday's western disturbance over central and northern divisions of west ~~Pakistan moved away.~~
A low pressure area lies over Gulf of Oman and adjoining areas.
Local rain/thundershowers have occurred in Peshawar divisions.
A trough of low pressure lies over southern districts of East Pakistan and adjoining West Bengal.
Scattered rain/thundershowers have occurred in Rajshahi division. A few falls of light rain/drizzle have also occured in Chittagong and Dacca divisions.
Chief amounts of rainfall are Kakul (upto 1200 Z) and Pabna, Bogra and ~~Haripur (upto 1200 Z)~~ ¼" each.
Night temperatures were 3—9 °F (2—5 °C) above normal in East Pakistan and 3 – 6 °F (2—3 °C) over west Pakistan.
**Forecast valid until the evening of 2nd March 1970 :**—Local rain/thundershowers with squally winds are likely to occur in Khulna, Dacca and Chittagong divisions and scattered in Quetta and Kalat divisions. Dry weather is likely to prevails elsewhere over the country.

Karachi-11
The 1st March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 18 | 02 | 95 | 01 | 4 | 110 | 74 | 1 | 1 | 7 | 0 | 0 | 74 | 90 |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 08 | 96 | 02 | 0 | 107 | 80 | 0 | 0 | 9 | 0 | 0 | 72 | 86 |
| | Chittagong | 000 | 0 | 6 | 31 | 02 | 97 | 02 | 2 | 116 | 72 | 4 | 3 | 5 | 6 | 0 | 74 | 86 |
| | Maijdee Court | 080 | 0 | 5 | 18 | 05 | 97 | 03 | 0 | 108 | 89 | 3 | 2 | 5 | 2 | / | 70 | 86 |
| | Comilla | 000 | 0 | 3 | 18 | 05 | 94 | 02 | 1 | 135 | 85 | 3 | 4 | 7 | 0 | 0 | 72 | 88 |
| | Brahmanbaria | 000 | 0 | 7 | 36 | 07 | 94 | 03 | 1 | 127 | 82 | 7 | 5 | 5 | 0 | 0 | 66 | 90 |
| | Sylhet | 000 | 0 | 8 | 27 | 13 | 94 | 03 | 0 | 119 | 78 | 6 | 5 | 4 | 2 | / | 62 | 85 |
| | Srimangal | 000 | 0 | 6 | 18 | 02 | 94 | 03 | 0 | 122 | 80 | 7 | 9 | 5 | 5 | 1 | 65 | 90 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... |
| | Narayanganj | 000 | 0 | 8 | 31 | 06 | // | 03 | 0 | 096 | 88 | 8 | 6 | 4 | / | / | 70 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 31 | 12 | 96 | 02 | 2 | 132 | 77 | 5 | 9 | 4 | 7 | 0 | 60 | 90 |
| | Faridpur | 000 | 0 | 8 | 34 | 11 | 98 | 02 | 2 | 112 | 77 | 6 | 5 | 5 | 1 | 6 | 62 | 88 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... |
| | Khulna | 000 | 0 | 4 | 18 | 05 | 97 | 02 | 0 | 139 | 77 | 2 | 2 | 9 | 0 | 0 | 72 | 91 |
| | Satkhira | 000 | 0 | 7 | 36 | 06 | 97 | 03 | 2 | 134 | 74 | 7 | 4 | 5 | 0 | 0 | 46 | 90 |
| | Jessore | 000 | 1 | 8 | 34 | 10 | 97 | 17 | 9 | 141 | 74 | 5 | 3 | 4 | 7 | / | 60 | 90 |
| Rajshahi | Pabna | 022 | 1 | 7 | 23 | 02 | // | 01 | 6 | 155 | 70 | 7 | 7 | 7 | 0 | 0 | 66 | 88 |
| | Sirajganj | 006 | 2 | 8 | 00 | 00 | // | 02 | 6 | 152 | 70 | 8 | 7 | 6 | 0 | 0 | 65 | 85 |
| | Rajshahi | 011 | 6 | 8 | 13 | 02 | 94 | 21 | 6 | 139 | 66 | 8 | 7 | 4 | 0 | 0 | 65 | 80 |
| | Bogra | 026 | 3 | 8 | 27 | 02 | 96 | 61 | 6 | 128 | 66 | 3 | 5 | 5 | 2 | / | 62 | 62 |
| | Dinajpur | 085 | 3 | 7 | 27 | 02 | 96 | 02 | 6 | 122 | 70 | 4 | 5 | 6 | 2 | 0 | 62 | 72 |
| | Rangpur | 005 | 4 | 6 | 23 | 02 | 96 | 01 | 6 | 094 | 62 | 4 | 5 | 6 | 2 | 0 | 59 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 18 | 02 | 96 | 01 | 0 | 138 | 70 | 1 | 1 | 8 | 0 | 0 | 51 | 70 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 086 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 82 |
| Rawalpindi | Jhelum | 000 | 9 | 5 | 27 | 02 | 97 | 02 | 2 | 154 | 62 | 3 | 2 | 6 | 3 | 0 | 52 | 66 |
| | Islamabad | 000 | 7 | 7 | 00 | 00 | 97 | 03 | 6 | /// | 58 | 3 | 5 | 6 | 3 | 2 | // | 58 |
| | Rawalpindi | 000 | 0 | 5 | 00 | 00 | 98 | 03 | 2 | 163 | 60 | 5 | 4 | 7 | 0 | 0 | 47 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 5 | 09 | 05 | 97 | 02 | 1 | 162 | 58 | 3 | 5 | 9 | 4 | 0 | 52 | 58 |
| | Sargodha | 000 | 0 | 6 | 05 | 03 | 97 | 03 | 2 | 155 | 62 | 6 | 8 | 5 | 0 | 0 | 42 | 62 |
| | Lyallpur | 000 | 0 | 4 | 29 | 02 | 96 | 02 | 0 | 128 | 65 | 4 | 0 | 9 | 4 | 0 | 51 | 70 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 7 | 36 | 07 | 97 | 03 | 0 | 135 | 72 | 1 | 0 | 9 | 3 | 1 | 49 | 76 |
| | Leiah | 000 | 0 | 8 | 36 | 02 | 94 | 02 | 2 | 094 | 76 | 8 | 9 | 0 | 0 | 0 | 42 | 76 |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 27 | 02 | 97 | 02 | 0 | 131 | 77 | 1 | 1 | 6 | 0 | 0 | 39 | 77 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 154 | 76 | 0 | 0 | 9 | 0 | 0 | 40 | 74 |
| | Fort Abbas | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 134 | 70 | 0 | 0 | 9 | 0 | 0 | 42 | 76 |
| Malakand | Chakdra | 000 | 0 | 5 | 23 | 02 | 98 | 01 | 1 | 142 | 55 | 5 | 1 | 7 | 0 | 0 | 42 | 55 |
| Peshawar | Peshawar | 002 | 2 | 7 | 09 | 05 | 97 | 21 | 6 | 169 | 55 | 5 | 3 | 6 | 3 | 0 | 49 | 62 |
| | Haripur | 018 | 8 | 8 | 36 | 05 | 97 | 50 | 6 | 182 | 48 | 8 | 5 | 6 | 0 | 0 | 41 | 50 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 16 | 02 | 99 | 01 | 1 | 143 | 62 | 3 | 2 | 7 | 0 | 0 | 42 | 62 |
| | D. I. Khan | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 095 | 60 | 0 | 0 | 9 | 0 | 0 | 48 | 70 |
| Quetta | Sibi | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 127 | 74 | 0 | 0 | 9 | 0 | 0 | 58 | 75 |
| | Nokkundi | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 177 | 72 | 0 | 0 | 5 | 0 | 0 | 35 | 73 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 10 | 0 | 157 | 84 | 0 | 0 | 9 | 0 | 0 | 45 | 84 |
| | Jiwani | 000 | 0 | 3 | 13 | 17 | 96 | 02 | 1 | 131 | 80 | 1 | 5 | 5 | 0 | 1 | 49 | 81 |
| | Pasni | 000 | 0 | 0 | 25 | 10 | 97 | 02 | 0 | 133 | 81 | 0 | 0 | 9 | 0 | 0 | 80 | 86 |
| | Ormara | 000 | 0 | 1 | 18 | 09 | 96 | 04 | 4 | 166 | 81 | 1 | 0 | 0 | 0 | 0 | 46 | 84 |
| Karachi division | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 114 | 77 | 0 | 0 | 9 | 0 | 0 | 65 | 82 |
| | Karachi (Airport) | 000 | 0 | 2 | 25 | 07 | 96 | 01 | 0 | 127 | 84 | 0 | 0 | 9 | 0 | 2 | 45 | 86 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 84 | 0 | 0 | 9 | 0 | 0 | 42 | 82 |
| | Chhor | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 1 | 120 | 83 | 0 | 1 | 6 | 4 | 0 | 45 | 86 |
| | Hyderabad | 000 | 0 | 4 | 36 | 03 | 97 | 03 | 0 | 074 | 79 | 2 | 0 | 9 | 3 | 1 | 42 | 86 |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khairpur | Padidan | 000 | 0 | 3 | 31 | 03 | 97 | 03 | 0 | 131 | 79 | 0 | 0 | 9 | 0 | 5 | 57 | 81 |
| | Nawabshah | 000 | 0 | 4 | 31 | 03 | 96 | 03 | 1 | 128 | 83 | 0 | 0 | 9 | 0 | 5 | 31 | 85 |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 097 | 81 | 0 | 0 | 9 | 0 | 0 | 67 | 84 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 131 | 79 | 0 | 0 | 9 | 0 | 0 | 52 | 80 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 004 | 6 | 8 | 00 | 00 | 95 | 03 | 5 | 500 | 41 | 0 | 7 | 4 | / | / | 32 | 42 |
| Peshawar | Cherat * | 010 | 6 | 9 | 00 | 00 | 91 | 45 | 6 | 488 | 41 | 9 | 0 | 8 | 0 | 0 | 48 | 55 |
| | Kakul * | 001 | 6 | 8 | 00 | 00 | 96 | 01 | 7 | 499 | 39 | 9 | 7 | 5 | 2 | 0 | 39 | 41 |
| | Landikotal * | 000 | 0 | 4 | 36 | 02 | 96 | 03 | 0 | 420 | 30 | 6 | 7 | 6 | 0 | 0 | 29 | 51 |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 454 | 49 | 0 | 0 | 9 | 0 | 0 | 41 | 49 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman * | 000 | 0 | 1 | 23 | 05 | 97 | 02 | 0 | 315 | 37 | 1 | 1 | 7 | 0 | 0 | 14 | 50 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 19 | 98 | 02 | 0 | /// | 50 | 0 | 0 | 9 | 0 | 0 | 20 | 78 |
| | Loralai * | 000 | 0 | 0 | 27 | 05 | 98 | 00 | 0 | 475 | 53 | 0 | 0 | 9 | 0 | 0 | 38 | 56 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 481 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 64 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 07 | 05 | 97 | 02 | 0 | 488 | 55 | 0 | 0 | 9 | 0 | 0 | 30 | 51 |
| | Chaman * | 000 | 0 | 8 | 27 | 05 | 97 | 00 | 0 | 507 | 59 | 0 | 0 | 9 | 0 | 0 | 43 | // |
| | Nushki * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dalbandin * | 000 | 0 | 4 | 25 | 07 | 95 | 05 | 0 | 566 | 69 | 0 | 0 | 9 | 1 | 0 | 53 | 71 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 7 | 507 | 46 | 0 | 0 | 9 | 0 | 0 | 24 | 59 |
| | Khuzdar * | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 0 | 493 | 63 | 0 | 0 | 9 | 0 | 0 | 17 | 64 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 1 | 18 | 63 | 97 | 01 | 4 | 124 | 70 | 1 | 1 | 7 | 0 | 0 | 66 | 70 | — | — | 4.0 | — | 2.4 | — |
| Cox's Bazar | 000 | 0 | 0 | 36 | 08 | 96 | 02 | 0 | 130 | 72 | 0 | 0 | 9 | 0 | 0 | 70 | 71 | + 2 | + 9 | — | — | — | 146 |
| Chittagong | 000 | 0 | 2 | 05 | 02 | 98 | 01 | 0 | 136 | 75 | 2 | 0 | 9 | 1 | 0 | 63 | 66 | + 1 | + 3 | 1.4 | — 2.8 | 0.6 | 108 |
| Maijdee Court | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 141 | 73 | 0 | 0 | 9 | 0 | 3 | 63 | 63 | + 3 | + 4 | 3.4 | + 0.4 | 3.2 | 115 |
| Comilla | 000 | 0 | 0 | 08 | 05 | 96 | 02 | 0 | 137 | 72 | 0 | 0 | 9 | 0 | 0 | 40 | 65 | + 3 | 0 | 2.0 | — 1.2 | 1.5 | 94 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 144 | 75 | 0 | 0 | 9 | 0 | 0 | 62 | 60 | — | — | 2.1 | — 0.5 | 0.8 | 78 |
| Sylhet | 006 | 9 | 5 | 09 | 02 | 96 | 02 | 0 | 134 | 68 | 5 | 5 | 3 | 0 | 0 | 63 | 60 | — | — | 7.3 | — | 5.8 | — |
| Srimangal | 000 | 9 | 9 | 00 | 00 | 94 | 00 | 9 | 147 | 72 | 8 | 0 | 9 | 0 | 0 | 59 | 56 | + 4 | + 3 | 3.1 | — 0.5 | 1.6 | 98 |
| Mymensingh | 010 | 8 | 0 | 00 | 00 | 97 | 00 | 0 | 151 | 70 | 0 | 0 | 9 | 0 | 0 | 66 | 64 | | + 6 | 1.6 | — 0.6 | 1.3 | 91 |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 146 | 75 | 0 | 0 | 9 | 0 | 0 | 63 | 63 | 0 | 0 | — | — | — | 74 |
| Dacca (Tejgaon) | 000 | 3 | 0 | 00 | 00 | 97 | 02 | 4 | 143 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 63 | — | — | 2.2 | — | 1.0 | — |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 9 | 144 | 75 | 0 | 0 | 9 | 0 | 8 | 61 | 65 | + 4 | + 2 | 2.9 | — 0.1 | 1.3 | 71 |
| Barisal | 000 | 0 | 2 | 31 | 03 | 96 | 02 | 2 | 141 | 73 | 0 | 0 | 9 | 3 | 0 | 65 | 66 | | + 1 | 1.9 | — 1.3 | 1.0 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 140 | 72 | 0 | 0 | 9 | 0 | 0 | 60 | 63 | + 4 | + 2 | — | — | — | 68 |
| Satkhira | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 138 | 72 | 0 | 0 | 5 | 2 | 0 | 63 | 63 | + 3 | 0 | 2.3 | — 1.1 | 2.1 | 65 |
| Jessore | 000 | 0 | 0 | 06 | 05 | 97 | 07 | 1 | 149 | 70 | 0 | 0 | 9 | 0 | 0 | 63 | 63 | — | — | 3.6 | + 1.0 | 2.6 | 45 |
| Pabna | 022 | 3 | 6 | 00 | 00 | 97 | 28 | 4 | 140 | 65 | 6 | 5 | 7 | 0 | 0 | 64 | 63 | — | — | 3.6 | — | 2.6 | 59 |
| Sirajganj | 006 | 4 | 4 | 00 | 00 | 98 | 11 | 2 | 143 | 66 | 6 | 0 | 9 | 4 | 0 | 63 | 63 | + 1 | + 4 | 2.1 | + 1.2 | 1.8 | 64 |
| Rajshahi | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 4 | 148 | 65 | 5 | 6 | 4 | 0 | 0 | 55 | 63 | — 5 | + 4 | 0.4 | + 2.6 | 1.5 | — |
| Bogra | 026 | 3 | 3 | 27 | 02 | 96 | 01 | 4 | 137 | 66 | 3 | 6 | 3 | 0 | 0 | 63 | 60 | — 3 | + 1 | 2.7 | + 0.5 | 1.4 | 69 |
| Dinajpur | 005 | 0 | 4 | 18 | 02 | 96 | 01 | 4 | 140 | 66 | 4 | 0 | 9 | 4 | / | 66 | 58 | — 9 | + 2 | 1.7 | + 0.2 | 0.9 | 72 |
| Rangpur | 005 | 3 | 4 | 00 | 00 | 93 | 03 | 4 | 160 | 63 | / | / | / | / | / | 60 | 54 | — 4 | — 2 | 2.5 | + 1.0 | 1.0 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 0 | 191 | 54 | 1 | 0 | 9 | 3 | 1 | 52 | 51 | — 0 | + 3 | 1.7 | + 0.9 | 1.7 | 19 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 160 | 56 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | + 7 | — 10 | 1.6 | — 3.8 | 1.6 | 32 |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | — | | | | | — |
| Islamabad | .. | | .. | | | | | .. | .. | | | | | | | .. | | — | | | | | |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 238 | 45 | 0 | 0 | 9 | 0 | 0 | 42 | 42 | 0 | — 6 | 5.5 | + 2.9 | 5.3 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 2 | 095 | 47 | 0 | 0 | 9 | 0 | 3 | 42 | 46 | — 19 | + 12 | — | — | — | 15 |
| Sargodha | 000 | 0 | 4 | 27 | 03 | 96 | 04 | 1 | 196 | 48 | 0 | 0 | 9 | 0 | 3 | 46 | 45 | | | 1.5 | — | 1.3 | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 198 | 52 | 0 | 0 | 9 | 0 | 0 | 46 | 46 | — 7 | — 3 | 0.8 | — 0.6 | 0.4 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | 000 | 0 | 3 | 36 | 03 | 97 | 01 | 0 | 201 | 52 | 2 | 0 | 9 | 4 | 2 | 46 | 48 | — 3 | — 4 | 0.8 | — 0.2 | 0.8 | 7 |
| Leiah | 000 | 0 | 8 | 36 | 04 | 93 | 42 | 5 | 118 | 53 | / | / | / | / | / | 48 | 46 | — | — | — | | — | 8 |
| Khanpur | 000 | 0 | 6 | 05 | 09 | 96 | 02 | 5 | 093 | 56 | 2 | 0 | 9 | 2 | 4 | 53 | 53 | — 4 | + 2 | — | | — | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 1 | 199 | 58 | 2 | 0 | 9 | 0 | 5 | 52 | 52 | — 7 | — 1 | 0.2 | — 0.5 | 0.2 | 6 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Chakdra | 000 | 0 | 5 | 00 | 00 | 98 | 03 | 0 | 208 | 40 | 0 | 0 | 9 | 0 | 1 | 36 | 38 | | — 1 | 4.3 | — | 3.3 | — |
| Peshawar | 000 | 0 | 2 | 00 | 00 | 98 | 03 | 0 | 22 | 45 | 1 | 0 | 9 | 3 | / | 42 | 42 | — 9 | — 6 | 2.6 | — 1.5 | 2.0 | 11 |
| Haripur | 000 | 0 | 6 | 05 | 02 | 97 | 03 | 2 | 201 | 46 | 6 | 5 | 6 | 0 | 6 | 42 | 45 | — | — | 5.3 | — | 4.4 | — |
| Bannu | 000 | 0 | 5 | 37 | 02 | 98 | 02 | 1 | 209 | 46 | 0 | 0 | 9 | 4 | 5 | 42 | 45 | — | — | 1.5 | — | 1.0 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 214 | 55 | 0 | 0 | 9 | 0 | 0 | // | 50 | — 7 | 0 | 5.8 | + 4.2 | 5.8 | 9 |
| Sibi | 000 | 0 | 2 | 13 | 03 | 97 | 03 | 1 | 183 | 52 | 0 | 2 | 9 | 3 | 0 | 48 | 50 | — | — | 0.3 | — | 0.3 | 8 |
| Nokkundi | 000 | 0 | 3 | 36 | 02 | 96 | 03 | 0 | 193 | 50 | 3 | 0 | 9 | 3 | 0 | 31 | 51 | — | — | 1.8 | — | 1.8 | 3 |
| Turbat | 007 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 174 | 60 | 0 | 0 | 9 | 0 | 0 | 46 | 59 | — | — | 0.5 | — | 0.5 | — |
| Jiwani | 000 | 0 | 3 | 05 | 07 | 96 | 03 | 0 | 154 | 66 | 1 | 6 | 5 | 3 | 0 | 54 | 62 | — | — | 8.7 | — | 7.9 | 8 |
| Pasni | 000 | 0 | 3 | 25 | 06 | 97 | 02 | 0 | 149 | 65 | 3 | 0 | 9 | 0 | 0 | 62 | 60 | + 5 | + 1 | 2.5 | — 1.8 | 2.5 | 6 |
| Ormara | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 2 | 162 | 65 | 2 | 0 | 9 | 0 | 0 | 56 | // | — | — | 2.9 | — 1.5 | 2.9 | 6 |
| Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 159 | 67 | 0 | 0 | 9 | 0 | 4 | 48 | 64 | + 1 | — 2 | 0.5 | — 0.7 | 0.5 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 02 | 96 | 02 | 0 | 158 | 62 | 0 | 0 | 0 | 0 | 1 | 41 | 63 | — | — | 0.6 | — | 0.6 | — |
| Nagarparkar | ... | ... | .. | .. | ... | . | ... | . | ... | ... | — | — | .. | .. | — | ... | .. | — | | | | | — |
| Chhor | | | | | | | | | | | | | | | | | | — | | | | | 7 |
| Hyderabad | 000 | 0 | 6 | 36 | 03 | 97 | 03 | 1 | 172 | 61 | 4 | 0 | 9 | 3 | 1 | 47 | 60 | — 1 | + 1 | 0.5 | — 0.1 | 0.5 | 8 |
| Badin | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 151 | 60 | 0 | 0 | 9 | 0 | 0 | 48 | 58 | | — 1 | 0.1 | — 0.8 | 0.1 | — |
| Padidan | 000 | 0 | 4 | 09 | 05 | 96 | 02 | 0 | 182 | 56 | 0 | 0 | 9 | 0 | 5 | 51 | 53 | — | — | 0.3 | — | 0.3 | — |
| Nawabshah | 000 | 0 | 4 | 31 | 05 | 96 | 02 | 0 | 184 | 55 | 4 | 0 | 9 | 2 | 0 | 49 | 51 | — | — | 0.1 | — | 0.1 | 4 |
| Sukkur | 000 | 2 | 6 | 13 | 09 | 96 | 03 | 1 | 169 | 59 | 0 | 0 | 9 | 6 | 0 | 55 | 58 | — | — | 0.7 | — | 0.7 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 009 | 0 | 4 | 09 | 05 | 96 | 03 | 0 | 184 | 59 | 4 | 0 | 9 | 3 | 0 | 55 | 53 | — 3 | — 2 | 2.0 | + 1.2 | 1.9 | 80 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 34 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | 004 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 554 | 34 | 2 | 6 | 7 | 7 | 0 | 27 | 32 | — 10 | — 5 | 2.4 | — | 1.8 | 29 |
| Cherat | 000 | 0 | 0 | 06 | 06 | 98 | 03 | 0 | 819 | 40 | 0 | 0 | 9 | 0 | 0 | 34 | 38 | — 3 | — 6 | — | — | — | — |
| Kakul | ... | | ... | | .. | | ... | | ... | ... | ... | ... | ... | ... | ... | ... | .. | — | | | | | — |
| Landikotal | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 4 | 610 | 41 | 0 | 0 | 9 | 0 | 0 | 36 | 28 | — | — | 3.1 | — | 2.4 | 29 |
| Parachinar | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Miranshah | 000 | 0 | 4 | 05 | 05 | 97 | 02 | 0 | 417 | 45 | 4 | 0 | 9 | 3 | 0 | 41 | 39 | — | — | 0.1 | — 4.0 | 0.1 | 11 |
| Wana | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 446 | 46 | 3 | 2 | 8 | 0 | 0 | 30 | 39 | | — | 2.4 | — | 2.4 | 13 |
| Fort Sandeman | 000 | 0 | / | 05 | 02 | 91 | 05 | 4 | 515 | 37 | / | / | 8 | / | / | 33 | 37 | — 15 | — 2 | 1.4 | — 1.2 | 1.4 | — |
| Hindubagh | 000 | 0 | 7 | 31 | 05 | 97 | 03 | 0 | /// | 36 | 7 | 8 | 9 | / | / | 20 | // | — | — | 1.3 | — | 1.1 | 9 |
| Loralai | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 470 | 38 | 0 | 0 | 9 | 0 | 0 | 35 | 50 | — | — | 0.4 | — | 0.3 | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 478 | 50 | 0 | 0 | 9 | 0 | 0 | 37 | 47 | — | — | 1.8 | — 1.4 | 1.8 | 9 |
| Samungli (Quetta) | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 531 | 36 | 0 | 0 | 9 | 2 | 3 | 26 | 40 | — | — | 3.6 | — 2.3 | 1.9 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 489 | 43 | 0 | 0 | 9 | 0 | 0 | 33 | 39 | — | — 4 | 7.7 | + 2.7 | 7.7 | — |
| Nushki | 007 | 0 | 3 | 09 | 03 | 97 | 03 | 0 | 565 | 50 | 0 | 0 | 9 | 0 | 2 | 17 | 43 | — | — | 3.1 | — | 3.0 | 4 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 511 | 43 | 0 | 0 | 9 | 0 | 8 | 37 | 41 | — 4 | — 2 | 2.3 | — 0.3 | 2.3 | 7 |
| Kalat | 000 | 0 | 5 | 18 | 02 | 98 | 00 | 2 | 531 | 31 | 0 | 0 | 9 | 0 | 0 | 23 | 34 | + 2 | — 1 | 1.5 | — 2.4 | 1.5 | — |
| Khuzdar | 030 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 539 | 45 | 0 | 0 | 9 | 0 | 1 | 34 | 43 | — | — | 1.7 | — | 1.4 | 8 |
| Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. [illegible] 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 only RR is given [illegible] the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 1st MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

SURPLUS DUPLICATE

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wa}T$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| [illegible] ... | 99 1 89 | 10 6 59 | 28 1 25 | 22 9 02 | 99 0 10 | 13 4 36 | 21 6 00 | 01 7 20 | | | 00 7 // | 17 6 08 | ... | |
| [illegible] ... | 99 2 20 | 10 6 17 | 28 4 23 | 00 6 09 | 96 0 21 | 11 2 24 | 00 9 00 | | | | ... | 10 7 01 | ... | |
| [illegible] ... | 99 2 26 | 10 5 98 | 28 1 23 | 11 0 09 | 98 0 30 | 11 7 23 | 10 7 81 | 24 6 26 | | | 01 / 16 | 12 4 68 | 20 2 01 | |
| Chevron ... | 99 2 11 | 10 5 96 | 28 0 63 | 00 0 03 | 98 0 20 | 14 7 25 | 00 9 00 | 14 2 31 | | | 0 / / 12 | 12 4 80 | 30 0 00 | |
| [illegible] ... | 99 2 07 | ///// | 28 0 61 | 00 9 02 | 99 0 20 | 15 5 23 | 00 0 00 | 08 2 20 | | | 05 1 67 | 17 6 18 | 30 0 00 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 008 206 10 | ... | 490 162 39 | 117 056 42 | 589 101 50 | 757 225 37 | 953 331 44 | 238 511 // | 420 629 // | 662 676 // | ... | ... | ... |
| Dacca ... | 00 00 | 012 198 58 | ... | 500 144 65 | 110 056 71 | 578 093 // | 746 235 // | 941 331 // | 225 519 // | 407 631 // | 650 753 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 012 150 59 | ... | 500 060 56 | 039 031 // | 562 185 // | 723 281 // | 927 285 // | 189 485 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 004 100 10 | ... | /// /// // | /// /// // | /// /// // | 733 291 // | 936 275 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 978 066 10 | ... | 500 065 14 | 077 029 32 | 566 191 40 | 729 271 // | 932 265 // | 205 501 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 996 090 50 | ... | 420 546 63 | 030 035 60 | 562 181 // | 725 291 // | 926 405 // | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 200 22 | 800 126 35 | 600 013 27 | 350 297 34 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 168 65 | 800 110 65 | 600 029 // | 350 305 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 350 11 | 345 09 | 345 10 | 325 08 | 270 17 | 270 30 | 260 31 | ... | ... |
| Bogra ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 330 02 | 220 02 | 205 06 | ... | ... | ... | ... | ... |
| Chhor ... | 230 05 | 335 04 | 235 07 | 310 05 | 330 08 | 280 24 | ... | ... | ... |
| Chittagong ... | 285 08 | 320 06 | 340 06 | 335 11 | 310 16 | 310 23 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 330 19 | 335 18 | 335 20 | 015 16 | 030 19 | 305 04 | 280 23 | 275 31 | |
| Dacca ... | 325 15 | 330 26 | 330 33 | ... | ... | ... | ... | | |
| Dalbandin ... | ... | ... | 300 02 | 335 02 | 345 06 | 335 10 | 290 26 | 290 23 | 375 28 |
| D. I. Khan ... | 085 04 | 070 06 | 060 06 | 010 08 | 255 07 | 285 21 | 295 25 | 300 32 | 295 32 |
| Drosh ... | ... | ... | ... | 225 03 | 205 01 | 190 08 | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 280 06 | 270 12 | 280 08 | 300 25 | 295 56 | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 330 08 | 300 19 | 295 29 | ... | | ... | ... | ... | ... |
| Jacobabad ... | 290 02 | 270 01 | 250 02 | 195 04 | 240 10 | 020 21 | 285 33 | 260 39 | 270 45 |
| Jessore ... | 355 25 | 335 39 | 005 31 | 015 13 | 210 04 | 255 41 | 275 47 | ... | ... |
| Jhelum ... | 235 11 | 230 08 | 155 06 | 130 13 | 155 20 | 215 17 | 190 16 | 220 23 | 230 27 |
| Jiwani ... | 125 14 | 135 18 | 130 07 | 125 02 | 050 05 | ... | ... | | ... |
| Karachi ... | 260 04 | 320 05 | 320 06 | 340 08 | 280 10 | 275 20 | 275 24 | 265 34 | ... |
| Khanpur ... | 275 13 | 285 15 | 285 13 | 315 11 | 320 17 | 325 27 | 285 25 | 280 36 | 275 37 |
| Khuzdar ... | ... | ... | | 300 11 | 320 09 | 280 21 | 270 25 | ... | 270 33 |
| Lahore ... | 220 05 | 185 06 | 185 07 | 170 08 | 185 01 | 105 15 | 165 21 | ... | ... |
| Multan ... | 025 12 | 015 14 | 360 20 | 275 09 | 290 30 | 310 33 | 310 33 | - | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 325 07 | 330 06 | 350 05 | 295 15 | 280 27 | 255 26 | 260 34 |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 075 16 | 085 08 | 035 01 | 310 05 | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | | /// // | 270 11 | 285 15 | 285 29 | ... | |
| Sargodha ... | 045 03 | 110 03 | 155 01 | 195 03 | 250 09 | 350 15 | 290 31 | ... | 290 36 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 280 31 | 285 19 | 285 22 | 300 23 | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 355 12 | 355 12 | 290 05 | 290 15 | 290 27 | 295 28 |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 060 07 | 075 09 | 090 09 | 135 05 | 160 05 |
| Chhor ... | 080 08 | 080 10 | 010 08 | 325 06 | 335 15 | 260 10 |
| Chittagong ... | 360 21 | 005 14 | 025 02 | 230 05 | 265 20 | 285 27 |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 010 17 | 220 23 | 020 23 | 285 20 | 315 10 | 295 31 |
| Dacca ... | | | | | | |
| Dalbandin ... | ... | | 075 12 | 060 08 | 240 05 | 290 06 |
| D. I. Khan ... | 045 03 | 110 03 | 180 02 | 260 02 | 290 03 | 290 03 |
| Drosh ... | | | | 085 02 | 050 02 | 015 06 |
| Fort Sandeman ... | No | Ascent | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 360 03 | 020 05 | 225 03 | 270 15 | ... | ... |
| Jacobabad ... | 075 21 | 075 08 | 085 02 | 325 02 | 250 03 | 275 08 |
| Jessore ... | 360 14 | 003 15 | 255 09 | 285 20 | 295 25 | 295 31 |
| Jhelum ... | 330 13 | 360 03 | 070 05 | 135 05 | 090 03 | 090 05 |
| Jiwani ... | 030 08 | 075 03 | 075 03 | 140 08 | 130 11 | 110 15 |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 030 16 | 040 19 | 070 09 | 005 05 | 290 07 | 310 04 |
| Khuzdar ... | | | | 340 05 | 355 08 | 340 15 |
| Lahore ... | 050 06 | 060 08 | 340 04 | 015 02 | 080 02 | 320 01 |
| Multan ... | 325 19 | 325 14 | 050 03 | 075 02 | 090 06 | 195 14 |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 180 06 | 130 14 | 225 01 | 295 04 |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 300 02 | 3'0 04 | 340 07 | 340 07 | 225 04 |
| Parachinar ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | /// // | 215 09 | 240 19 |
| Sargodha ... | 355 10 | 035 05 | 030 06 | 360 05 | 345 10 | 280 20 |
| Skardu ... | | | ... | 330 01 | /// // | ... |
| Sylhet ... | No | Ascent | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 315 01 | 315 02 | 270 02 | 300 06 | 320 21 | 325 06 | 350 09 | ... | ... | ... | ... |
| Bogra ... | 220 04 | 270 13 | 265 22 | 275 25 | 265 29 | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | 255 02 | /// // | 250 24 | 190 07 | 235 37 | 255 35 | 250 58 | ... |
| Chhor ... | 085 18 | 095 19 | 075 19 | 050 24 | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 355 09 | 325 07 | 265 08 | 285 19 | 295 31 | 275 36 | 270 55 | ... | 255 58 | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 335 10 | 345 12 | 355 14 | 360 16 | 315 22 | 300 29 | 300 32 | ... | ... | ... | ... |
| Dacca ... | 320 05 | 320 04 | 300 07 | 270 13 | 255 23 | 270 35 | 290 48 | 285 43 | 285 46 | 280 47 | 285 64 |
| Dalbandin ... | | | 075 12 | 080 08 | 280 05 | 290 06 | 275 06 | | | | ... |
| D. I. Khan ... | 005 03 | 030 09 | 030 07 | 360 04 | 225 04 | 280 07 | 280 25 | 260 27 | 270 32 | 270 41 | ... |
| Drosh ... | ... | ... | ... | | | | | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 020 01 | 230 04 | 275 13 | 275 37 | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 115 01 | ... | | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | | | | | | | ... | ... | ... | ... |
| Jacobabad ... | 095 10 | 095 12 | 050 07 | 290 02 | 235 06 | 280 10 | 230 21 | 245 25 | 250 32 | 250 47 | ... |
| Jessore ... | 345 01 | 315 10 | 275 21 | 280 26 | 250 27 | 255 37 | 290 41 | ... | ... | ... | ... |
| Jhelum ... | 345 09 | 360 07 | 030 04 | 180 03 | 315 02 | 340 06 | 025 11 | 355 14 | 345 19 | ... | ... |
| Jiwani ... | 115 04 | 075 05 | 065 06 | 125 07 | 110 10 | 130 18 | 225 13 | 270 22 | 260 23 | 265 19 | 250 49 |
| Karachi ... | 045 15 | 085 14 | 095 12 | 145 06 | 120 04 | 055 04 | 190 21 | 225 21 | 250 40 | | - |
| Khanpur ... | 035 07 | 045 10 | 085 11 | 110 07 | 110 04 | 290 01 | ... | | | ... | ... |
| Khuzdar ... | ... | | ... | 310 03 | 345 07 | 340 17 | 230 19 | 240 23 | 245 25 | 250 28 | 250 33 |
| Lahore ... | 340 05 | 335 05 | 335 09 | 310 05 | 275 07 | 305 13 | 295 10 | 275 23 | 275 27 | 270 32 | 305 29 |
| Multan ... | 020 03 | 020 01 | 020 03 | 025 09 | 155 03 | 160 11 | 160 31 | 280 44 | | ... | ... |
| Nawab Shah ... | ... | ... | | | | | | | | ... | ... |
| Nokkundi ... | ... | ... | 090 07 | 135 04 | 210 05 | 320 08 | 250 13 | 250 18 | 355 18 | ... | ... |
| Panjgur ... | ... | | | | | | | | | | ... |
| Peshawar ... | ... | 095 05 | 315 03 | 320 11 | 325 06 | 275 07 | 335 22 | 255 32 | 265 51 | 265 52 | 255 57 |
| Parachinar ... | ... | ... | ... | | | | | | ... | ... | ... |
| Quetta ... | | | | /// // | 300 02 | 270 12 | 275 21 | 240 28 | | ... | ... |
| Sargodha ... | 340 03 | 345 03 | 335 01 | 320 04 | 285 10 | 275 19 | 265 27 | 260 13 | 260 31 | 265 30 | 280 66 |
| Skardu ... | | | | | ... | ... | ... | ... | ... | | ... |
| Sylhet ... | 180 05 | 250 05 | 275 09 | 280 25 | ... | ... | ... | ... | | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 050 13 | 030 15 | 105 11 | 145 04 | 060 04 | 330 09 | 230 15 | 275 28 | 230 35 | 330 46 | 230 49 | 245 79 | 265 60 | ... | ... | ... | ... | ... |
| Multan ... | 325 19 | 325 14 | 050 03 | 075 02 | 090 06 | 195 14 | 250 25 | 235 31 | 210 57 | 245 36 | 230 56 | 230 66 | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

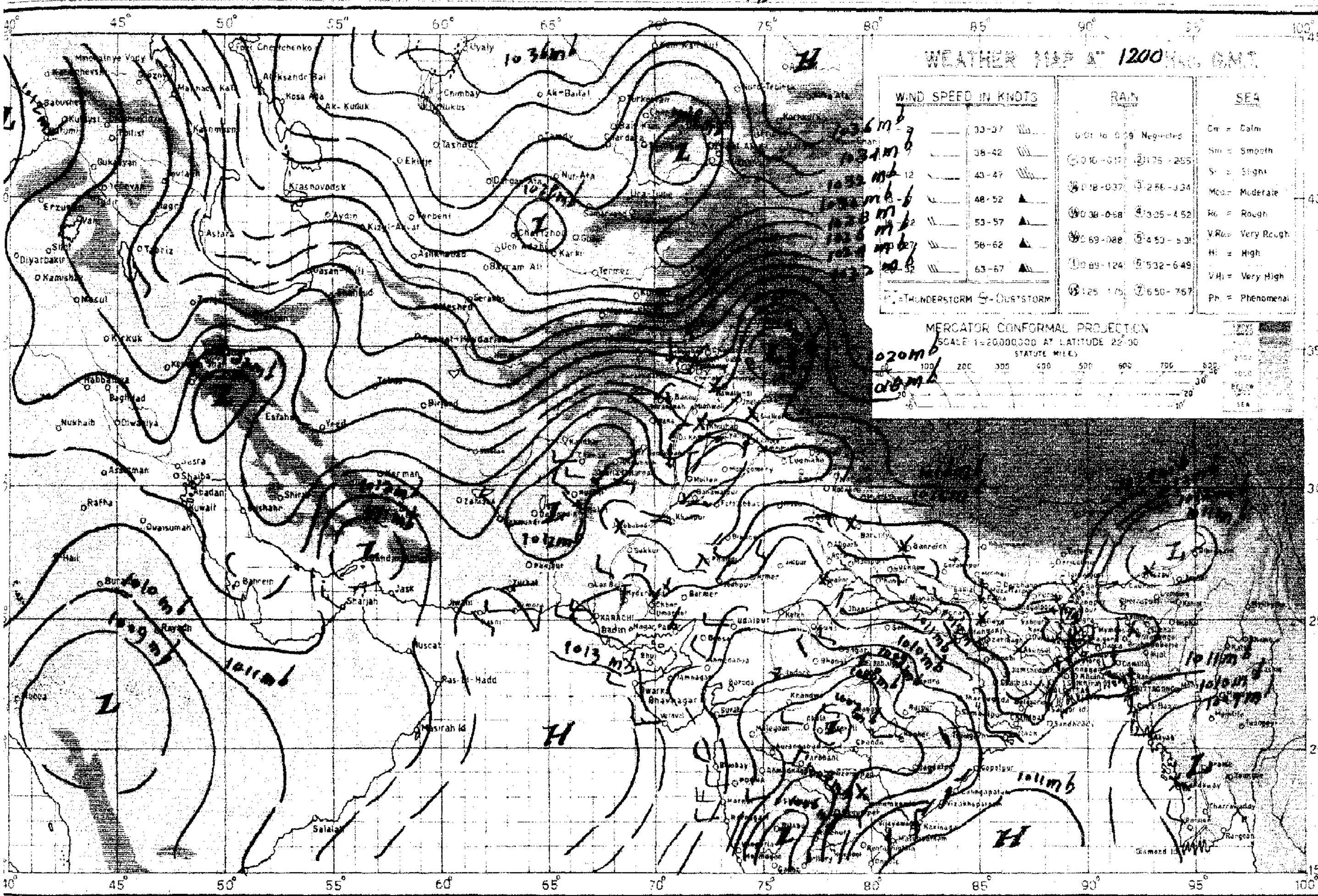
† The actual time of observations may vary within half an hour of the specified time.

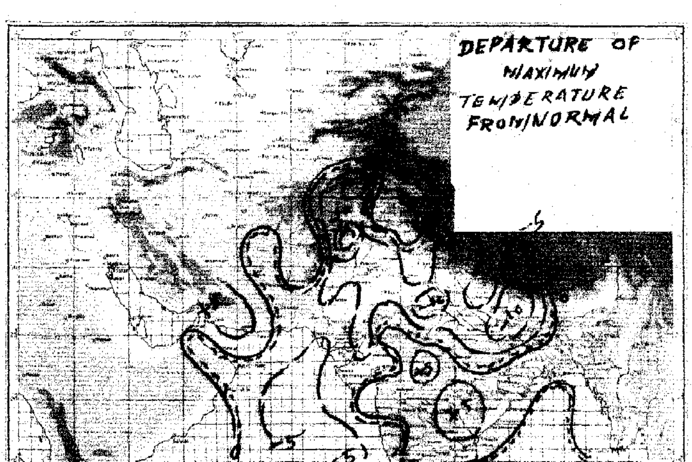
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

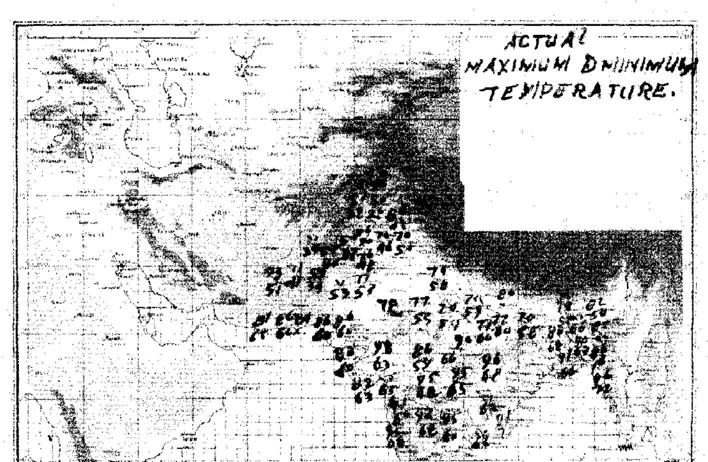
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port, KARACHI—1)

# PAKISTAN DAILY WEATHER MAP

SATURDAY 28TH FEBRUARY, 1970



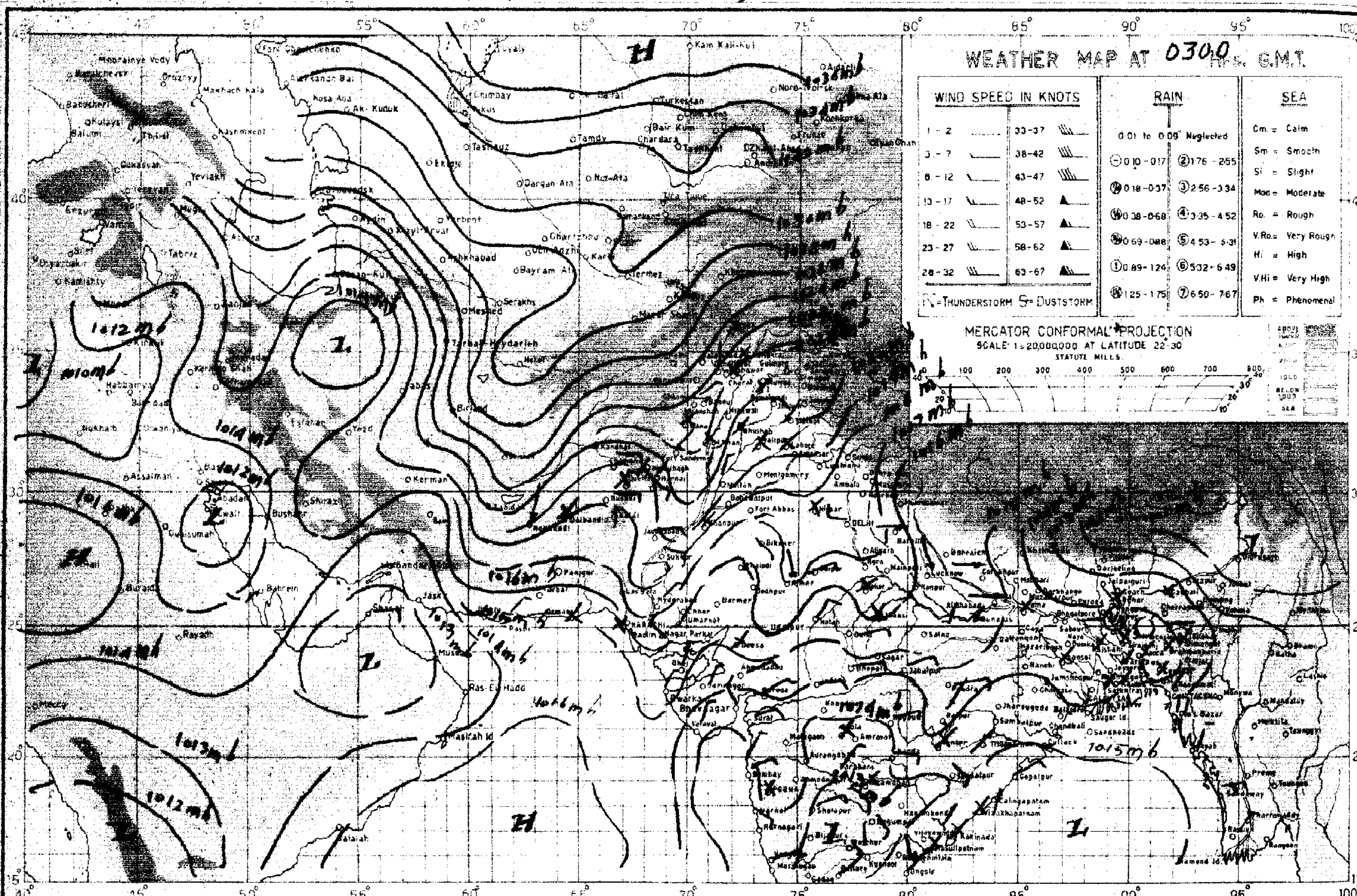



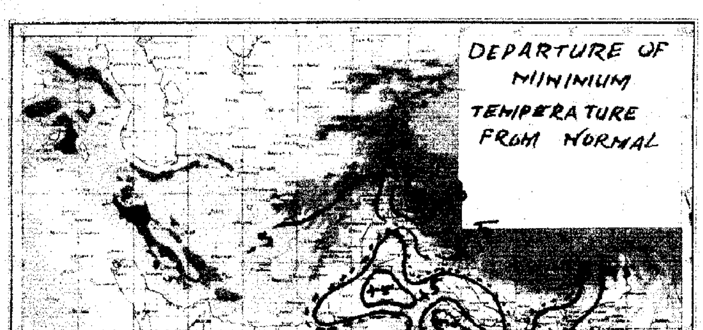



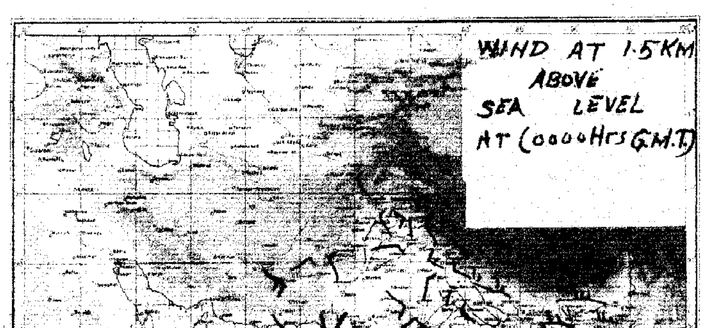

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SUNDAY 1ST MARCH, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 2nd MARCH, 1970.**

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

Yesterday's low pressure area over gulf of Oman weakened and remained practically stationary.
A westerly low pressure wave is moving across sub-Himalyan West Bengal.
Weather remained dry over the country.
Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and to the same extent below normal in West Pakistan outside Lahore, Rawalpindi, Kalat, Karachi, Hyderabad and Khairpur divisions.

**Forecast valid until the evening of 3rd March 1970 :—** Scattered rain/thundershowers are likely to occur in East Pakistan. Weather is likely to remain dry in West Pakistan.

**Earthquake Report**:- Seismograph of geophysical centre Quetta recorded on earthquake of moderate intensity on the 2nd March 1970 at 01 hours. 14 minutes W.P.S.T. The epicentre lies about 650 miles north west of Quetta near north eastern Iran.

Karachi-11
The 2nd March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| DIVISIONS | STATIONS | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 27 | 02 | 95 | 04 | 0 | 100 | 82 | 1 | 1 | 7 | 0 | 0 | 78 | 88 |
| | Cox's Bazar | 000 | 0 | 0 | 35 | 08 | 96 | 00 | 0 | 093 | 82 | 0 | 0 | 9 | 0 | 0 | 62 | 85 |
| | Chittagong | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 098 | 80 | 0 | 0 | 9 | 0 | 0 | 70 | 86 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 100 | 82 | 0 | 0 | 9 | 0 | 0 | 66 | 85 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 094 | 85 | 0 | 0 | 9 | 0 | 0 | 62 | 90 |
| | Brahmanbaria | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | 091 | 88 | 0 | 0 | 9 | 0 | 0 | 66 | 86 |
| | Sylhet | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 0 | 093 | 76 | 1 | 0 | 9 | 1 | 0 | 60 | 80 |
| | Srimangal | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 092 | 80 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 097 | 78 | 0 | 0 | 9 | 0 | 0 | 65 | 82 |
| | Narayanganj | 000 | 0 | 1 | 00 | 00 | // | 01 | 1 | 089 | 82 | 1 | 6 | 6 | 0 | 0 | 64 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 3 | 092 | 82 | 1 | 8 | 9 | 6 | 0 | 70 | 86 |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 118 | 82 | 0 | 0 | 9 | 0 | 0 | 65 | 87 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 117 | 82 | 0 | 0 | 9 | 0 | 0 | 68 | 88 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 134 | 86 | 0 | 0 | 9 | 0 | 0 | 65 | 90 |
| | Jessore | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 090 | 85 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| Rajshahi | Pabna | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 1 | 099 | 80 | 0 | 0 | 9 | 0 | 0 | 66 | 82 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 086 | 80 | 0 | 0 | 9 | 0 | 0 | 65 | 85 |
| | Rajshahi | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 090 | 82 | 0 | 0 | 9 | 0 | 0 | 70 | 84 |
| | Bogra | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 081 | 78 | 0 | 0 | 9 | 0 | 0 | 62 | 82 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rangpur | 000 | 0 | 0 | 27 | 03 | 96 | 01 | 4 | 097 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 31 | 02 | 96 | 03 | 1 | 162 | 66 | 1 | 0 | 9 | 7 | 2 | 48 | 70 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 140 | 65 | 0 | 0 | 9 | 0 | 0 | 55 | 70 |
| Rawalpindi | Jhelum | 000 | 0 | 3 | 31 | 02 | 97 | 01 | 1 | 160 | 70 | 0 | 0 | 9 | 0 | 1 | 48 | 70 |
| | Islamabad | 000 | 0 | 2 | 27 | 02 | 97 | 01 | 0 | /// | 65 | 2 | 3 | 9 | 0 | 0 | 39 | 65 |
| | Rawalpindi | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 169 | 60 | 0 | 0 | 9 | 0 | 4 | 48 | 65 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 168 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 70 |
| | Sargodha | 000 | 0 | 7 | 36 | 02 | 97 | 02 | 1 | 165 | 70 | 0 | 0 | 9 | 0 | 1 | 48 | 72 |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 96 | 00 | 0 | 166 | 64 | 4 | 0 | 9 | 4 | 0 | 51 | 72 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 3 | 05 | 05 | 97 | 02 | 1 | 166 | 72 | 0 | 0 | 9 | 0 | 1 | 41 | 72 |
| | Leiah | 000 | 0 | 8 | 36 | 04 | 94 | 60 | 5 | 171 | 75 | 8 | 8 | 5 | / | / | 46 | 75 |
| Bahawalpur | Khanpur | 000 | 0 | 7 | 05 | 03 | 97 | 02 | 2 | 162 | 72 | 3 | 0 | 9 | 3 | 2 | 40 | 72 |
| | Bahawalpur | 000 | 0 | 5 | 00 | 00 | 96 | 00 | 0 | 166 | 72 | 0 | 0 | 9 | 0 | 8 | 48 | 72 |
| | Fort Abbas | 000 | 0 | 4 | 36 | 03 | 98 | 00 | 0 | 173 | 70 | 0 | 0 | 9 | 0 | 4 | 63 | 72 |
| Malakand | Chakdra | 000 | 0 | 5 | 23 | 04 | 97 | 03 | 1 | 148 | 62 | 5 | 1 | 7 | 0 | 0 | 44 | 65 |
| Peshawar | Peshawar | 000 | 0 | 1 | 36 | 05 | 98 | 02 | 0 | 174 | 66 | 1 | 1 | 6 | 0 | 0 | 39 | 66 |
| | Haripur | 000 | 8 | 0 | 05 | 03 | 96 | 02 | 0 | 167 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 70 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 16 | 02 | 99 | 01 | 1 | 173 | 66 | 3 | 0 | 9 | 4 | 0 | 39 | 70 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 149 | 65 | 0 | 0 | 9 | 0 | 0 | 48 | 72 |
| Quetta | Sibi | 000 | 0 | 3 | 13 | 03 | 97 | 03 | 4 | 163 | 74 | 0 | 2 | 9 | 2 | 0 | 58 | 75 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 126 | 73 | 0 | 0 | 9 | 0 | 0 | 35 | 75 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 151 | 86 | 0 | 0 | 9 | 0 | 0 | 20 | 89 |
| | Jiwani | 000 | 0 | 2 | 13 | 07 | 96 | 02 | 0 | 129 | 78 | 2 | 0 | 9 | 3 | 0 | 52 | 82 |
| | Pasni | 000 | 0 | 4 | 11 | 04 | 97 | 02 | 0 | 142 | 80 | 4 | 0 | 9 | 0 | 0 | 62 | 82 |
| Karachi division | Ormara | 000 | 0 | 1 | 18 | 14 | 97 | 02 | 2 | 146 | 77 | 1 | 0 | 9 | 0 | 0 | 61 | 79 |
| | Lasbela | 000 | 0 | 2 | 23 | 02 | 98 | 00 | 0 | 128 | 87 | 0 | 0 | 8 | 0 | 0 | 71 | 88 |
| | Karachi (Manora) | 000 | 0 | 4 | 23 | 05 | 97 | 03 | 0 | 142 | 82 | 0 | 0 | 9 | 8 | 4 | 63 | 86 |
| | Karachi (Airport) | 000 | 0 | 1 | 05 | 03 | 96 | 01 | 0 | 130 | 83 | 1 | 6 | 5 | 0 | 0 | 34 | 85 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 84 | 0 | 0 | 9 | 0 | 0 | 42 | 89 |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad | 000 | 0 | 7 | 36 | 05 | 97 | 02 | 0 | 145 | 81 | 0 | 0 | 9 | 0 | 1 | 46 | 86 |
| | Badin | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 123 | 86 | 0 | 0 | 9 | 0 | 0 | 51 | 87 |
| Khairpur | Padidan | 000 | 0 | 1 | 31 | 05 | 97 | 01 | 0 | 144 | 76 | 0 | 0 | 9 | 8 | 1 | 43 | 77 |
| | Nawabshah | 000 | 0 | 2 | 09 | 05 | 96 | 13 | 0 | 151 | 80 | 0 | 0 | 9 | 0 | 1 | 45 | 81 |
| | Sukkur | 000 | 8 | 6 | 23 | 05 | 96 | 03 | 2 | 139 | 75 | 6 | 0 | 9 | 6 | 0 | 58 | 77 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 2 | 09 | 03 | 97 | 02 | 0 | 154 | 73 | 0 | 0 | 9 | 0 | 1 | 57 | 74 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg †* | | | | | | | | | | | | | | | | | |
| | Sonamarg †* | | | | | | | | | | | | | | | | | |
| | Dras †* | | | | | | | | | | | | | | | | | |
| | Leh †* | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar †* | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 7 | 25 | 07 | 97 | 02 | 2 | 516 | 50 | 6 | 8 | 6 | 1 | 0 | 26 | 58 |
| Peshawar | Cherat * | 000 | 8 | 0 | 07 | 03 | 98 | 03 | 0 | 516 | 50 | 0 | 0 | 9 | 0 | 0 | 33 | 52 |
| | Kakul * | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 512 | 52 | 3 | 5 | 6 | 0 | 0 | 37 | 58 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 476 | 40 | 0 | 0 | 9 | 0 | 0 | 39 | 60 |
| | Wana * | 000 | 0 | 0 | 23 | 05 | 99 | 00 | 0 | 446 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 49 |
| Quetta | Fort Sandeman * | 000 | 7 | 4 | 05 | 02 | 96 | 02 | 8 | 498 | 57 | 2 | 4 | 7 | 0 | 1 | 20 | 53 |
| | Hindubagh * | 000 | 0 | 8 | 23 | 02 | 96 | 03 | 0 | /// | // | 8 | 2 | 5 | 0 | 0 | 39 | 36 |
| | Loralai * | 000 | 0 | 0 | 37 | 04 | 98 | 00 | 0 | 485 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 59 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Samungli (Quetta) * | 000 | 0 | 5 | 13 | 02 | 97 | 03 | 1 | 536 | 55 | 3 | 0 | 9 | 5 | 4 | 25 | 57 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 509 | 61 | 0 | 0 | 9 | 0 | 0 | 46 | 62 |
| | Nushki * | 000 | 0 | 0 | 31 | 04 | 97 | 02 | 0 | 563 | 66 | 0 | 0 | 9 | 0 | 0 | 27 | 66 |
| | Dalbandin * | 000 | 0 | 3 | 13 | 05 | 97 | 03 | 8 | 530 | 70 | 0 | 0 | 9 | 1 | 0 | 60 | 71 |
| Kalat | Kalat * | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 518 | 57 | 0 | 0 | 9 | 0 | 0 | 34 | 60 |
| | Khuzdar * | 000 | 0 | 1 | 08 | 00 | 97 | 01 | 0 | 453 | 67 | 0 | 0 | 9 | 0 | 1 | 23 | 68 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 8 | 18 | 02 | 97 | 00 | 4 | 133 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 70 | — | — | 4.0 | — | 2.4 | — |
| Cox's Bazar | 000 | 0 | 0 | 36 | 09 | 97 | 02 | 0 | 126 | 80 | 0 | 0 | 9 | 0 | 0 | 70 | 70 | 0 | +7 | — | — | — | 146 |
| Chittagong | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 121 | 79 | 0 | 0 | 9 | 0 | 0 | 70 | 69 | +1 | +5 | 1.4 | −2.9 | 0.6 | 108 |
| Maijdee Court | 000 | 9 | 0 | 05 | 05 | 98 | 00 | 0 | 128 | 77 | 0 | 0 | 9 | 0 | 0 | 65 | 70 | +1 | +8 | 3.6 | −0.2 | 3.2 | 115 |
| Comilla | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 137 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 66 | +4 | +3 | 2.0 | −1.3 | 1.5 | 94 |
| Brahmanbaria | 000 | 0 | 4 | 27 | 02 | 97 | 03 | 1 | 133 | 77 | 4 | 0 | 9 | 4 | 0 | 59 | 67 | — | — | 2.1 | −0.6 | 0.8 | 78 |
| Sylhet | 000 | 0 | 1 | 09 | 02 | 96 | 01 | 0 | 131 | 73 | 1 | 1 | 5 | 0 | 0 | 66 | 63 | — | — | 7.3 | — | 5.8 | — |
| Srimangal | 000 | 0 | 8 | 23 | 05 | 96 | 00 | 0 | 131 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 59 | +2 | +2 | 3.1 | −0.5 | 1.6 | 98 |
| Mymensingh | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 133 | 72 | 2 | 0 | 9 | 2 | 0 | 63 | 63 | −1 | +3 | 1.6 | −0.6 | 1.3 | 91 |
| Narayanganj | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 1 | 131 | 77 | 3 | 6 | 6 | 0 | 0 | 63 | 68 | −1 | +4 | — | — | — | 74 |
| Dacca (Tejgaon) | 000 | 0 | 1 | 23 | 05 | 97 | 02 | 0 | 130 | 77 | 1 | 0 | 9 | 4 | 0 | 63 | 65 | — | — | 2.2 | — | 1.0 | — |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 134 | 79 | 0 | 0 | 9 | 0 | 0 | 59 | 63 | +2 | +2 | 2.9 | −0.1 | 1.3 | 71 |
| Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | ... | | +2 | | | | | 81 |
| Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 139 | 80 | 2 | 2 | 5 | 0 | 9 | 73 | 66 | | +2 | — | — | — | 68 |
| Satkhira | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 136 | 79 | 2 | 0 | 9 | 0 | 1 | 65 | 46 | +1 | +3 | 2.3 | −1.1 | 2.1 | 65 |
| Jessore | 000 | 0 | 1 | 24 | 03 | 97 | 02 | 2 | 129 | 75 | 1 | 0 | 9 | 3 | 0 | 60 | 66 | — | — | 3.6 | +0.7 | 2.5 | 65 |
| Pabna | 009 | 0 | 4 | 27 | 02 | 98 | 03 | 0 | 129 | 77 | 4 | 0 | 9 | 0 | 6 | 60 | 65 | — | — | 3.4 | — | 2.6 | 59 |
| Sirajganj | 000 | 0 | 4 | 18 | 01 | 98 | 03 | 0 | 124 | 75 | 4 | 0 | 9 | 4 | 0 | 62 | 63 | 0 | +4 | 2.1 | +0.2 | 1.8 | 64 |
| Rajshahi | 000 | 0 | 4 | 13 | 02 | 97 | 02 | 0 | 131 | 73 | 2 | 6 | 4 | 3 | 0 | 55 | 65 | −3 | +6 | 4.4 | +2.6 | 1.5 | — |
| Bogra | 000 | 0 | 3 | 18 | 03 | 96 | 02 | 1 | 122 | 73 | 3 | 0 | 9 | 7 | 0 | 60 | 63 | −2 | +4 | 2.7 | +0.6 | 1.4 | 69 |
| Dinajpur | 000 | 3 | 3 | 27 | 02 | 96 | 01 | 1 | 114 | 77 | 3 | 0 | 9 | 2 | / | 58 | 65 | — | +9 | 1.7 | +0.1 | 0.9 | 72 |
| Rangpur | 000 | 0 | 3 | 18 | 05 | 96 | 03 | 0 | 161 | 65 | 3 | 0 | 9 | 3 | 0 | 60 | 54 | −5 | −2 | 2.5 | +1.0 | 1.0 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 1 | 31 | 03 | 96 | 02 | 0 | 155 | 52 | 0 | 0 | 9 | 0 | 1 | 42 | 48 | −8 | 0 | 1.7 | −0.9 | 1.7 | 19 |
| Sialkot | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | −5 | | | | | 32 |
| Jhelum | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 152 | 54 | 0 | 0 | 9 | 0 | 0 | 41 | 46 | — | — | — | — | — | — |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 50 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | — | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 163 | 48 | 0 | 0 | 9 | 0 | 0 | 41 | 46 | −5 | 0 | 5.5 | −1.2 | 5.3 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 50 | 0 | 0 | 9 | 0 | 0 | 36 | 42 | −8 | −8 | — | — | — | 15 |
| Sargodha | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | | | | | ... | — | | | | | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 148 | 52 | 0 | 0 | 9 | 0 | 0 | 45 | 45 | −5 | −4 | 0.8 | −0.6 | 0.4 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 1 | 00 | 00 | 96 | 04 | 0 | 167 | 50 | 0 | 0 | 9 | 0 | 1 | 46 | 46 | −6 | −6 | 0.8 | −0.2 | 0.8 | 7 |
| Leiah | 000 | 0 | 4 | 18 | 02 | 98 | 02 | 0 | 096 | 56 | 4 | 4 | 7 | 0 | 0 | 52 | 52 | — | — | — | — | — | 8 |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | −9 | | | | | 6 |
| Bahawalpur | 000 | 0 | 3 | 00 | 00 | 94 | 00 | 0 | 170 | 61 | 0 | 0 | 9 | 0 | 1 | 49 | 49 | −19 | −4 | 0.2 | −0.5 | 0.2 | 6 |
| Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 171 | 55 | 0 | 0 | 9 | 0 | 0 | 46 | 56 | — | — | — | — | — | 8 |
| Chakdra | 000 | 0 | 0 | 05 | 07 | 58 | 02 | 0 | 173 | 42 | 0 | 0 | 9 | 0 | 0 | 36 | 38 | — | — | 4.3 | — | 3.3 | — |
| Peshawar | 000 | 0 | 0 | 00 | 08 | 97 | 02 | 0 | 177 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 42 | −5 | −6 | 2.6 | −1.5 | 2.0 | 11 |
| Haripur | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 170 | 52 | 0 | 0 | 9 | 0 | 0 | 40 | 40 | — | — | 5.3 | — | 4.4 | — |
| Bannu | 000 | 0 | 0 | 04 | 01 | 99 | 00 | 0 | 174 | 48 | 0 | 0 | 9 | 0 | 0 | 34 | 45 | — | — | 1.5 | — | 1.0 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 170 | 52 | 0 | 0 | 9 | 0 | 0 | 56 | 46 | −6 | −4 | 5.8 | +4.2 | 5.8 | 9 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 186 | 54 | 0 | 0 | 9 | 0 | 0 | 37 | 51 | — | — | 0.3 | — | 0.3 | 8 |
| Nokkundi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 138 | 56 | 0 | 0 | 9 | 0 | 0 | 51 | 52 | — | — | 1.8 | — | 1.8 | 8 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 174 | // | 0 | 0 | 9 | 0 | 0 | 60 | // | — | — | 0.5 | — | 0.5 | — |
| Jiwani | 000 | 0 | 3 | 07 | 02 | 96 | 01 | 1 | 159 | 66 | 3 | 6 | 5 | 0 | 0 | 61 | 63 | — | — | 8.7 | — | 7.9 | 9 |
| Pasni | 000 | 0 | 0 | 23 | 06 | 97 | 02 | 0 | 150 | 67 | 0 | 0 | 0 | 0 | 0 | 60 | 61 | 0 | +2 | 2.5 | −1.8 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 164 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | // | — | — | 2.9 | −1.6 | 2.9 | 6 |
| Lasbela | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 163 | 59 | 0 | 0 | 8 | 0 | 0 | 51 | 59 | — | — | — | — | — | 8 |
| Karachi (Manora) | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 162 | 67 | 0 | 0 | 9 | 0 | 4 | 53 | 66 | +6 | 0 | 0.5 | −0.7 | 0.5 | 8 |
| Karachi (Airport) | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 153 | 61 | 2 | 0 | 8 | 3 | 0 | 45 | 60 | — | — | 0.6 | — | 0.6 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 173 | 62 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — | — | — | — | — | — |
| Chhor | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 159 | 60 | 0 | 0 | 9 | 0 | 0 | 40 | 59 | — | — | — | — | — | 7 |
| Hyderabad | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 171 | 61 | 0 | 0 | 9 | 0 | 0 | 51 | 60 | −2 | +1 | 0.5 | −0.1 | 0.5 | 9 |
| Badin | 000 | 0 | 0 | 36 | 08 | 97 | 02 | 0 | 158 | 56 | 0 | 0 | 9 | 0 | 0 | 46 | 54 | 0 | +5 | 0.1 | −0.8 | 0.1 | — |
| Padidan | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 173 | 55 | 0 | 0 | 9 | 0 | 0 | 50 | 52 | — | — | 2.3 | — | 2.3 | — |
| Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 177 | 54 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | — | — | 0.1 | — | 0.1 | 4 |
| Sukkur | 000 | 2 | 0 | 13 | 03 | 95 | 03 | 4 | 175 | 60 | 0 | 0 | 9 | 0 | 0 | 57 | 57 | — | — | 0.7 | — | 0.7 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 172 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | −10 | +1 | 2.0 | +1.2 | 1.9 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 24 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 20 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 542 | 33 | 0 | 0 | 9 | 0 | 0 | 14 | 33 | −5 | −4 | — | — | — | 20 |
| Cherat | 000 | 0 | 0 | 18 | 05 | 98 | 02 | 0 | 493 | 42 | 0 | 0 | 9 | 0 | 0 | 20 | 40 | −6 | −4 | — | — | — | — |
| Kakul | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 494 | 42 | 0 | 0 | 9 | 0 | 0 | 32 | 38 | — | — | — | — | — | — |
| Landikotal | 000 | 0 | 0 | 36 | 01 | 98 | 02 | 0 | 608 | 40 | 0 | 0 | 9 | 0 | 0 | 36 | 27 | | — | 3.1 | — | 2.4 | 29 |
| Parachinar | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 02 | 0 | 470 | 50 | 0 | 0 | 9 | 0 | 0 | 49 | 42 | — | — | 0.1 | −4.0 | 0.1 | 11 |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | — | | | | | 13 |
| Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 505 | 43 | 0 | 0 | 9 | 0 | 0 | 31 | 38 | −7 | −1 | 1.4 | −1.3 | 1.4 | — |
| Hindubagh | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | | | | | | | | 12 | 38 | — | — | 1.3 | — | 0.3 | 9 |
| Loralai | 000 | 0 | 0 | 18 | 04 | 98 | 00 | 0 | 470 | 48 | 0 | 0 | 9 | 0 | 0 | 39 | 44 | — | — | 0.4 | — | 0.3 | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 482 | 48 | 0 | 0 | 9 | 0 | 0 | 42 | 46 | — | — | 1.8 | −1.4 | 1.8 | 9 |
| Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 540 | 33 | 0 | 0 | 9 | 0 | 0 | 28 | 28 | — | — | 2.6 | −2.8 | 1.9 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 04 | 0 | 488 | 44 | 0 | 0 | 9 | 0 | 0 | 33 | 40 | −3 | −3 | 7.7 | +2.6 | 7.7 | — |
| Nushki | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 534 | 55 | 0 | 0 | 9 | 0 | 0 | 21 | 49 | — | — | 3.1 | — | 3.0 | 4 |
| Dalbandin | 000 | 0 | 2 | 36 | 01 | 97 | 03 | 0 | 505 | 45 | 0 | 0 | 9 | 0 | 1 | 28 | 43 | −2 | 0 | 2.3 | −0.3 | 2.3 | 7 |
| Kalat | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 523 | 32 | 0 | 0 | 9 | 0 | 0 | 27 | 32 | +2 | −2 | 1.5 | −2.4 | 1.5 | — |
| Khuzdar | 000 | 0 | 0 | 08 | 00 | 96 | 02 | 0 | 489 | 44 | 0 | 0 | 9 | 0 | 0 | 42 | 44 | — | — | 1.7 | — | 1.4 | 5 |
| Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_st_d$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Zealand ... ... | 99 2 47 | 10 6 34 | 01 0 63 | 10 0 00 | 98 0 30 | 16 9 23 | 00 8 05 | 63 1 18 | | | 0/ / 16 | 13 3 97 | 30 8 00 | 09 / 00 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 000 206 18 | ... | 490 130 26 | 099 046 50 | 578 071 54 | 240 163 56 | 960 295 56 | 234 469 // | 425 582 // | 648 753 // | ... | ... | ... |
| Dacca ... | 00 00 | 010 220 56 | ... | 415 136 62 | 094 054 65 | 575 121 61 | 743 215 63 | 949 361 67 | 224 439 // | 406 645 // | | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 012 164 58 | ... | 450 094 60 | 064 031 // | 562 215 // | 724 275 // | 927 385 // | — | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 974 064 25 | ... | 450 040 30 | 015 041 30 | 560 187 // | 723 281 // | 925 385 // | 200 438 // | 391 471 // | ... | — | ... | — |
| Quetta ... | 00 00 | 822 039 08 | ... | /// /// // | 091 012 08 | 573 135 // | 739 237 // | 945 800 // | 226 395 // | | ... | ... | — | — |
| Sargodha ... | 00 00 | 994 104 57 | ... | 360 060 65 | 004 025 59 | 561 181 // | 725 255 // | 931 325 // | 212 425 // | 410 441 // | — | — | — | — |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 151 26 | 800 102 31 | 610 000 38 | 600 005 38 | 350 227 50 | ... | ... | ... | ... | 179 281 09 | ... | ... |
| Dacca ... | 00 00 | 900 160 60 | 800 100 50 | 633 000 62 | 600 031 61 | 350 275 64 | ... | — | ... | ... | 150 261 20 | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | | ... | ... | ... | — | ... | ... | 300 252 60 | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — |
| Peshawar ... | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Quetta ... | 00 00 | 800 032 08 | 792 051 38 | 677 001 70 | 600 053 // | 350 283 // | ... | — | — | ... | ... | — | ... |
| Sargodha ... | 00 00 | — | ... | — | ... | ... | — | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | — | ... | ... | ... | ... | — |
| Bogra ... | 270 01 | 275 14 | 275 19 | 280 29 | 285 32 | 285 39 | 280 51 | ... | ... |
| Chaklala ... | .. | 285 // | 250 03 | 155 02 | 130 08 | 155 // | 275 31 | 265 33 | 265 39 |
| Chhor ... | — | ... | — | ... | ... | — | .. | ... | ... |
| Chittagong ... | .. | — | ... | ... | ... | ... | .. | | ... |
| Cherat ... | | | ... | | | | ... | | ... |
| Cox's Bazar ... | 345 15 | 350 17 | 350 17 | 330 19 | 325 23 | 300 28 | 285 33 | 285 40 | 275 58 |
| Dacca ... | 275 11 | 280 09 | 270 16 | 280 26 | 280 36 | 290 49 | 270 48 | 280 54 | |
| Dalbandin ... | | | 080 04 | 090 04 | 060 06 | 039 08 | 260 08 | 280 19 | 275 17 |
| D. I. Khan ... | 090 05 | 065 04 | 050 04 | 015 03 | 295 10 | 295 15 | 290 19 | 280 19 | 275 25 |
| Drosh ... | ... | ... | ... | 295 07 | 220 10 | .. | ... | .. | ... |
| Fort Sandeman ... | ... | ... | ... | 355 02 | 295 06 | 275 15 | 275 17 | 275 31 | 270 33 |
| Gilgit ... | | | | | | | ... | ... | .. |
| Ishurdi ... | 255 06 | 270 08 | 270 10 | 275 19 | 275 43 | 300 35 | ... | ... | ... |
| Jacobabad ... | 090 05 | 100 05 | 100 03 | 180 03 | 210 09 | 005 09 | 255 21 | 235 25 | — |
| Jessore ... | 280 07 | 280 07 | 270 09 | 290 17 | 295 31 | 295 38 | ... | ... | ... |
| Jhelum ... | 295 12 | 330 13 | 300 10 | 345 04 | 095 09 | 305 10 | 275 17 | 275 28 | 275 39 |
| Jiwani ... | 145 08 | 135 07 | 125 08 | 170 08 | 145 14 | 075 06 | 270 30 | 275 27 | |
| Karachi ... | 080 06 | 070 07 | 070 08 | 090 09 | 075 09 | 090 04 | 240 18 | 235 24 | 245 21 |
| Khanpur ... | 040 09 | 085 12 | 070 13 | 090 06 | 160 04 | 330 07 | 350 14 | ... | ... |
| Khuzdar ... | ... | | | 290 01 | 310 07 | 300 08 | 265 15 | 255 22 | 250 22 |
| Lahore ... | 320 09 | 315 12 | 330 13 | 325 12 | 300 21 | 300 17 | 260 19 | 265 31 | 270 39 |
| Multan ... | 060 11 | 015 10 | 045 08 | 100 10 | 285 09 | 270 30 | 280 39 | 260 37 | 260 44 |
| Nawab Shah ... | ... | — | ... | ... | — | ... | ... | ... | ... |
| Nokkundi ... | .. | .. | 330 02 | 290 01 | 320 03 | 335 03 | 270 16 | 260 15 | 250 14 |
| Panjgur ... | ... | ... | | | | | | | ... |
| Peshawar ... | ... | 300 08 | 345 09 | 325 08 | 305 13 | 241 5 | 245 32 | 255 33 | .. |
| Parachinar ... | .. | .. | ... | 290 10 | 220 03 | 275 37 | 290 37 | 265 49 | 270 50 |
| Quetta ... | No | Ascent | | ... | ... | ... | ... | | ... |
| Sargodha ... | 340 06 | 345 06 | 355 06 | 300 06 | 310 08 | 285 08 | 265 10 | 255 11 | 260 12 |
| Skardu ... | | ... | ... | 230 15 | 230 10 | 235 08 | — | — | ... |
| Sylhet ... | 270 02 | 240 10 | 235 16 | 250 26 | 255 37 | ... | — | — | ... |
| Veraval ... | ... | — | . | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 460 08 | 350 10 | 335 08 | 270 13 | 290 21 | 295 23 |
| Bogra ... | 290 12 | 285 16 | 270 24 | 270 31 | 275 31 | 280 30 |
| Chaklala ... | — | 029 02 | 060 02 | 115 07 | 080 04 | 135 05 |
| Chhor ... | 040 23 | 035 15 | 015 17 | 350 15 | 300 10 | 295 09 |
| Chittagong ... | ... | ... | ... | .. | — | ... |
| Cherat ... | ... | ... | | | | .. |
| Cox's Bazar ... | 350 13 | 350 17 | 005 17 | 010 12 | 005 07 | 335 17 |
| Dacca ... | 330 10 | 310 14 | 300 15 | 300 16 | 280 20 | 270 28 |
| Dalbandin ... | ... | | 015 05 | 070 11 | 050 13 | 340 05 |
| D. I. Khan ... | 040 06 | 070 06 | 065 03 | 130 03 | 285 06 | 340 10 |
| Drosh ... | ... | ... | ... | 135 01 | 070 04 | 080 03 |
| Fort Sandeman ... | ... | ... | — | 120 02 | 300 12 | 325 09 |
| Gilgit ... | ... | | | 305 03 | 310 02 | 135 02 |
| Ishurdi ... | 295 12 | 315 18 | 310 31 | 275 37 | 265 41 | .. |
| Jacobabad ... | 085 07 | 060 04 | 005 02 | 280 06 | 270 08 | 320 13 |
| Jessore ... | 350 11 | 345 12 | 285 12 | 295 14 | ... | |
| Jhelum ... | 315 19 | 325 25 | 355 12 | 350 11 | 055 11 | 280 06 |
| Jiwani ... | 060 02 | 145 03 | ... | ... | .. | — |
| Karachi ... | ... | | | | | ... |
| Khanpur ... | 035 08 | 040 04 | 095 03 | 275 02 | 320 04 | 305 15 |
| Khuzdar ... | ... | | ... | 265 04 | 285 07 | 285 08 |
| Lahore ... | 320 05 | 330 09 | 335 10 | 340 10 | 340 12 | 345 16 |
| Multan ... | 005 07 | 350 06 | 300 08 | 295 05 | 325 11 | 315 14 |
| Nawab Shah ... | ... | — | .. | ... | | |
| Nokkundi ... | ... | — | 090 12 | 160 05 | 160 07 | 160 04 |
| Panjgur ... | ... | ... | | | | |
| Peshawar ... | ... | 300 09 | 290 13 | 325 15 | 325 20 | 325 24 |
| Parachinar ... | ... | — | ... | . | .. | .. |
| Quetta ... | ... | ... | | ... | ... | ... |
| Sargodha ... | 300 08 | 345 10 | 315 15 | 330 20 | 330 14 | 330 21 |
| Skardu ... | ... | | ... | 300 03 | 245 04 | |
| Sylhet ... | 240 07 | 245 07 | 270 10 | 270 15 | 260 41 | 270 45 |
| Veraval ... | ... | ... | ... | — | .. | . |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 330 06 | 330 05 | 330 03 | 305 15 | 280 53 | 280 47 | ... | ... | ... | ... | — |
| Bogra ... | 270 07 | 280 10 | 280 20 | 275 26 | 260 25 | 275 39 | 270 36 | ... | ... | ... | — |
| Chaklala ... | ... | 295 11 | 335 10 | 355 08 | 355 11 | 340 14 | 305 17 | 280 24 | 280 24 | ... | ... |
| Chhor ... | 040 12 | 025 13 | 025 25 | 005 13 | 005 16 | 335 10 | 260 70 | 260 31 | 260 40 | 245 54 | — |
| Chittagong ... | 025 03 | 295 07 | 285 13 | 285 23 | 275 31 | 265 29 | 265 35 | 260 37 | — | ... | — |
| Cherat ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 320 19 | 335 17 | 335 14 | 015 12 | 315 19 | 300 28 | 290 31 | 285 32 | 325 43 | ... | ... |
| Dacca ... | 280 05 | 270 09 | 290 10 | 275 15 | 275 22 | 265 38 | 285 24 | 300 58 | 315 60 | . | ... |
| Dalbandin ... | ... | — | 075 05 | 070 03 | 275 08 | 315 07 | 330 12 | 290 15 | 300 17 | 335 20 | 295 29 |
| D. I. Khan ... | 295 04 | 305 03 | 295 05 | 030 03 | 295 05 | 290 11 | 335 10 | 290 11 | 295 11 | 285 09 | 305 24 |
| Drosh ... | ... | ... | ... | 070 03 | 055 07 | 005 13 | 320 18 | 320 34 | 300 27 | 260 25 | 265 43 |
| Fort Sandeman ... | ... | ... | ... | 280 03 | 320 05 | 325 21 | 345 06 | 300 05 | 330 13 | 310 20 | ... |
| Gilgit ... | | ... | ... | ... | ... | | ... | ... | — | . | .. |
| Ishurdi ... | 280 11 | 290 12 | 285 17 | 270 28 | .. | .. | ... | | | | ... |
| Jacobabad ... | 190 01 | 325 04 | 320 04 | 305 06 | 320 12 | 320 18 | 290 15 | 270 58 | 285 27 | 260 41 | ... |
| Jessore ... | 325 10 | 315 11 | 305 10 | 260 11 | 265 18 | 280 39 | 270 33 | ... | ... | | .. |
| Jhelum ... | 315 05 | 325 12 | 325 14 | 340 12 | 330 20 | 300 17 | 245 18 | 290 36 | 265 22 | 255 31 | ... |
| Jiwani ... | 110 06 | 145 05 | 120 07 | 140 04 | 130 11 | 305 11 | 300 09 | 310 35 | 295 41 | ... | |
| Karachi ... | 050 04 | 025 08 | 005 08 | 335 06 | 275 11 | 035 04 | ... | ... | ... | | ... |
| Khanpur ... | ... | ... | . | ... | . | — | ... | .. | . | ... | ... |
| Khuzdar ... | ... | | | | | | ... | | | | |
| Lahore ... | 305 08 | 310 12 | 330 15 | 335 21 | 335 23 | 315 12 | 305 11 | 285 16 | 290 21 | 265 27 | 260 35 |
| Multan ... | — | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | | | | | | | | ... |
| Nokkundi ... | — | — | 130 05 | 190 08 | 240 09 | 305 23 | 245 08 | 265 14 | 280 12 | 275 22 | .. |
| Panjgur ... | ... | ... | | | | | | | | | |
| Peshawar ... | ... | 100 17 | 295 19 | 310 13 | 315 17 | 305 35 | 305 19 | 295 18 | 300 17 | 300 20 | 270 52 |
| Parachinar ... | ... | ... | — | — | | | | | | | ... |
| Quetta ... | | | | | 285 10 | 315 20 | 320 19 | 310 15 | 300 20 | 270 32 | |
| Sargodha ... | 315 04 | 345 11 | 350 19 | 345 19 | 340 16 | 335 22 | 295 19 | 305 19 | 295 22 | 270 23 | 265 25 |
| Skardu ... | | | | | ... | 270 04 | 245 02 | 220 18 | 220 25 | 290 43 | 260 64 |
| Sylhet ... | 245 08 | 270 08 | 270 07 | 245 06 | — | ... | ... | . | | ... | ... |
| Veraval ... | — | ... | ... | ... | ... | . | — | | | | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi . | 030 19 | 020 22 | 020 20 | 315 04 | 065 06 | 065 12 | 285 14 | 255 23 | 255 27 | 250 36 | 245 58 | 245 54 | 245 63 | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta . | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

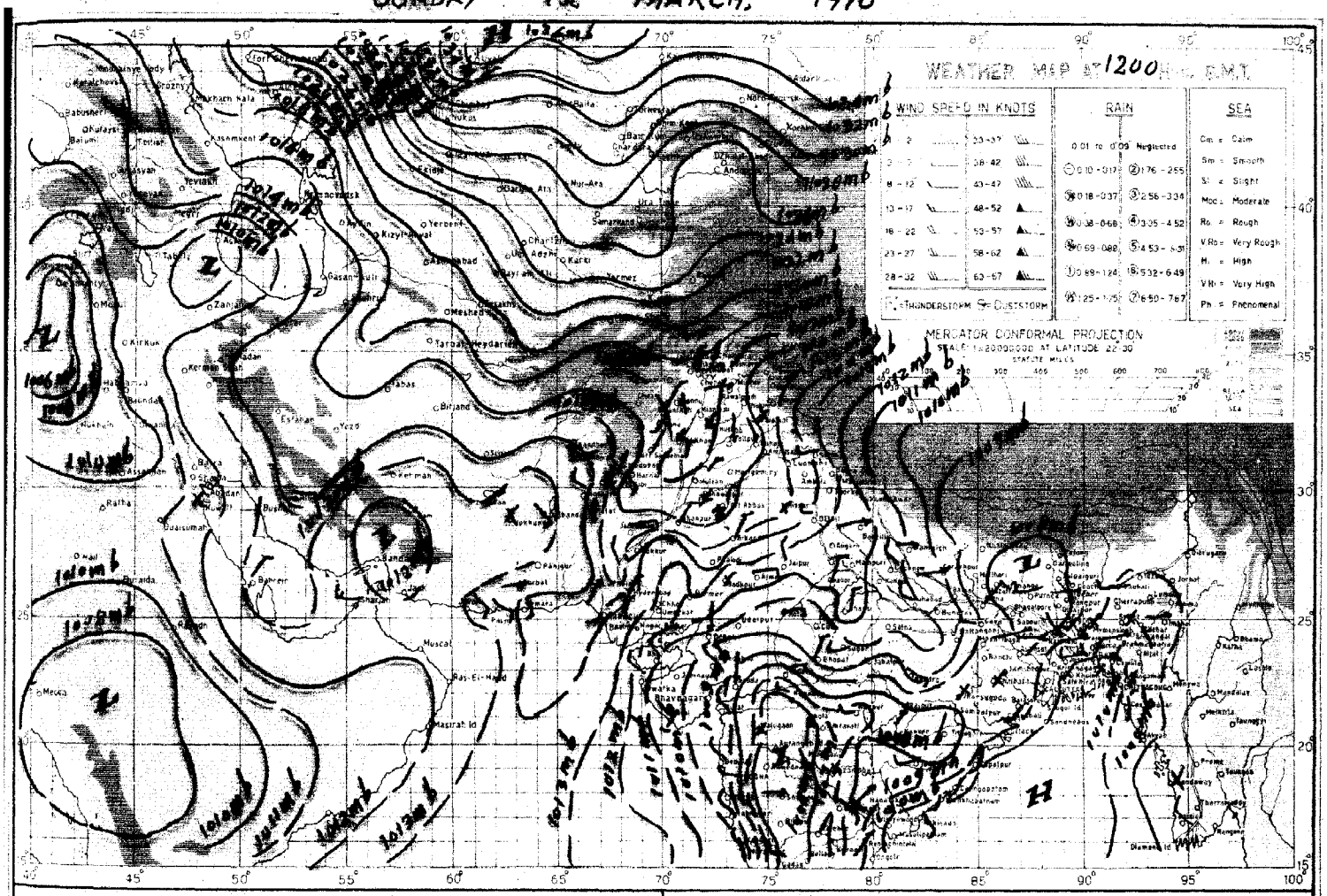
† The actual time of observations may vary within half an hour of the specified time

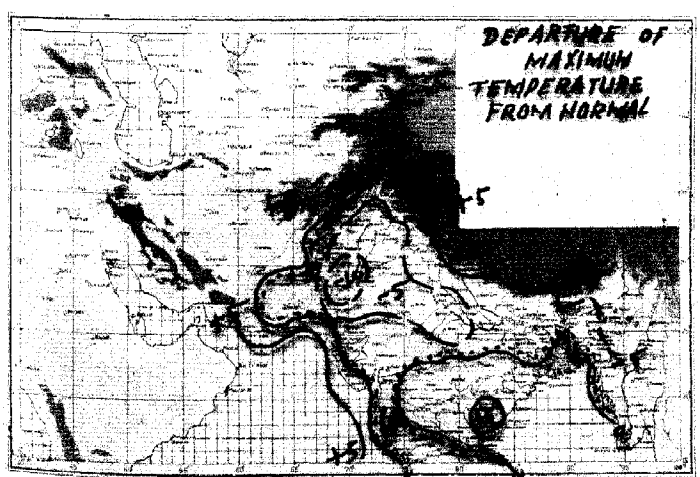
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

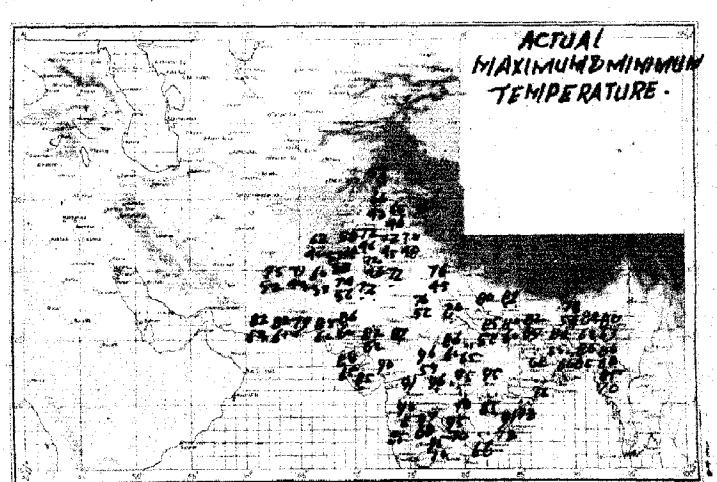
The accuracy of individual entries in this report cannot but be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SUNDAY 1st MARCH, 1970




REG. No. 1024 RWAD'61, 45,000-63.

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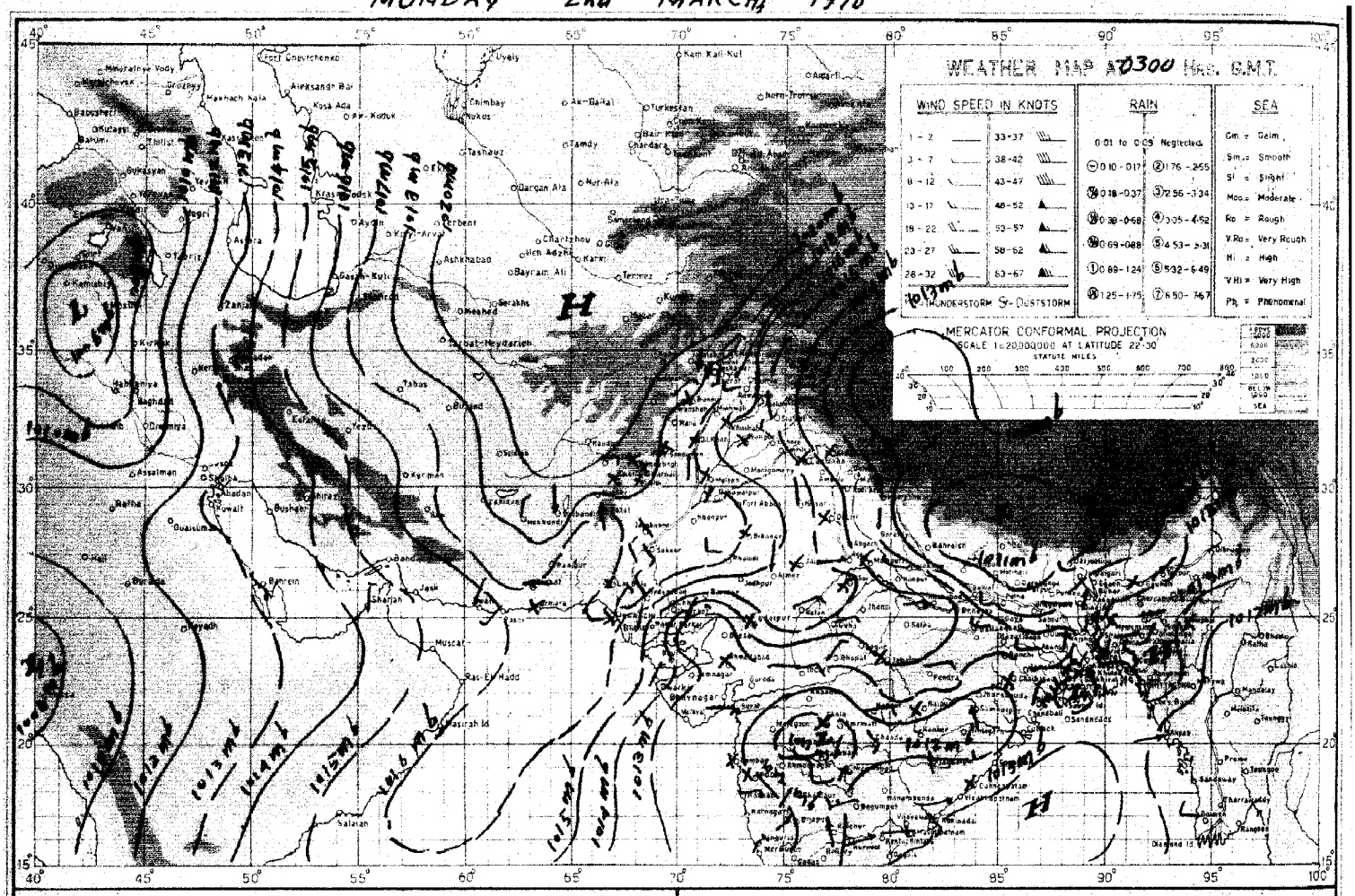
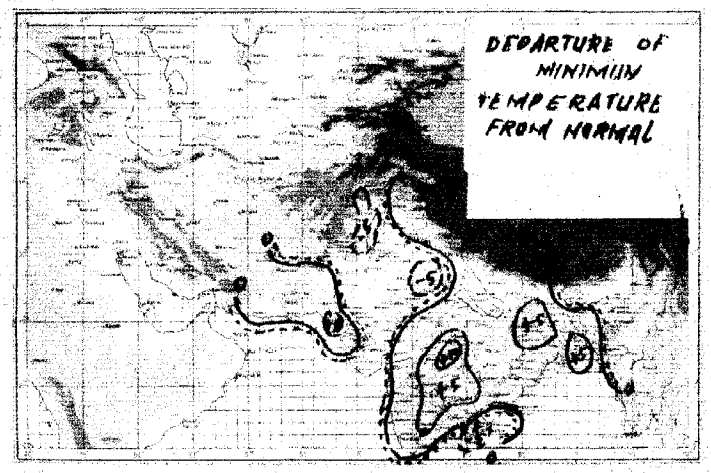
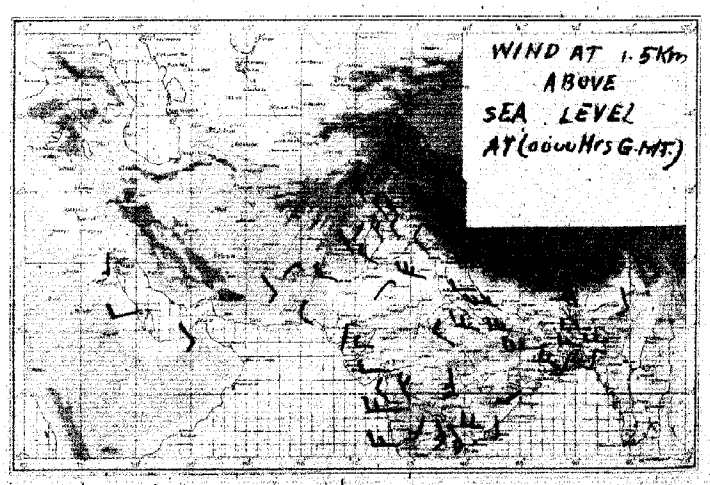
# PAKISTAN DAILY WEATHER MAP

MONDAY 2nd MARCH, 1970

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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 3rd MARCH, 1970.**

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

Yesterday's low pressure area over gulf of Oman now lies as a trough of low pressure over Kalat and Khairpur divisions.

The westerly low pressure wave is moving across sub-Himalyas West Bengal and adjoining East Pakistan.

A few falls of light rain occurred in Rajshahi and Khulna divisions. Weather remained dry elsewhere over the country.

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

**Forecast valid until the evening of 4th March 1970 :—** Rain/thundershowers with sqeally winds will be local in Dacca and Khulna divisions and scattered elsewhere in East Pakistan. Weather will remain dry in West Pakistan.

Karachi-11
The 3rd March, 1970.

ZARIF AHMAD
for Director, Meteorological Service.

## OBSERVATIONS

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 18 | 02 | 95 | 01 | 0 | 090 | 80 | 1 | 1 | 7 | 0 | 0 | 77 | 90 |
| | Cox's Bazar | 000 | 0 | 0 | 27 | 12 | 96 | 02 | 0 | 087 | 80 | 0 | 0 | 9 | 0 | 0 | 70 | 85 |
| | Chittagong | 000 | 0 | 1 | 27 | 04 | 96 | 03 | 0 | 086 | 80 | 2 | 0 | 9 | 3 | 0 | 72 | 86 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 101 | 82 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 088 | 86 | 0 | 0 | 9 | 0 | 0 | 59 | 88 |
| | Brahmanbaria | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 092 | 88 | 0 | 0 | 9 | 0 | 0 | 58 | 88 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 080 | 78 | 0 | 0 | 9 | 0 | 0 | 74 | 82 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 090 | 80 | 0 | 0 | 9 | 0 | 0 | 62 | 88 |
| Dacca | Mymensingh | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 096 | 78 | 2 | 0 | 9 | 2 | 0 | 60 | 85 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 96 | 00 | 0 | 089 | 85 | 0 | 0 | 9 | 0 | 0 | 62 | 75 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 091 | 82 | 0 | 0 | 9 | 0 | 0 | 59 | 88 |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 122 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 88 |
| Khulna | Barisal | | | | | | | | | | | | | | | | | |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 138 | 77 | 0 | 0 | 9 | 0 | 0 | 72 | 91 |
| | Satkhira | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 2 | 094 | 85 | 2 | 1 | 9 | 2 | 0 | 65 | 90 |
| | Jessore | 000 | 0 | 3 | 33 | 05 | 97 | 02 | 0 | 089 | 82 | 3 | 0 | 9 | 3 | 0 | 49 | 88 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 98 | 02 | 0 | 088 | 85 | 0 | 0 | 9 | 0 | 0 | 59 | 86 |
| | Sirajganj | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 065 | 82 | 0 | 0 | 9 | 0 | 0 | 52 | 85 |
| | Rajshahi | 000 | 0 | 6 | 31 | 02 | 96 | 01 | 0 | 101 | 85 | 6 | 7 | 4 | 0 | 0 | 59 | 85 |
| | Bogra | 000 | 0 | 7 | 27 | 05 | 96 | 03 | 2 | 086 | 78 | 2 | 5 | 5 | 2 | / | 50 | 85 |
| | Dinajpur | 000 | 0 | 5 | 27 | 02 | 95 | 01 | 1 | 081 | 78 | 5 | 0 | 9 | 2 | / | 60 | 82 |
| | Rangpur | 000 | 0 | 6 | 00 | 00 | 96 | 01 | 1 | 100 | 65 | 6 | 0 | 9 | 2 | 0 | 58 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 121 | 78 | 0 | 0 | 9 | 0 | 0 | 37 | 72 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 092 | 74 | 0 | 0 | 9 | 0 | 0 | 65 | 85 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 03 | 98 | 02 | 0 | 113 | 70 | 0 | 0 | 9 | 0 | 0 | 39 | 74 |
| | Islamabad | 000 | 0 | 1 | 31 | 02 | 97 | 01 | 0 | /// | 65 | 1 | 1 | 8 | 0 | 0 | 52 | 65 |
| | Rawalpindi | 000 | 0 | 0 | 27 | 05 | 99 | 00 | 0 | 123 | 65 | 0 | 0 | 9 | 0 | 0 | 44 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 127 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 74 |
| | Sargodha | 000 | 0 | 1 | 27 | 10 | 98 | 02 | 0 | 125 | 72 | 0 | 0 | 9 | 0 | 1 | 38 | 76 |
| | Lyallpur | 000 | 0 | 0 | 29 | 02 | 96 | 00 | 0 | 119 | 66 | 0 | 0 | 9 | 0 | 0 | 45 | 73 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 136 | 73 | 1 | 1 | 6 | 0 | 0 | 49 | 76 |
| | Leiah | 000 | 0 | 2 | 18 | 02 | 94 | 41 | 0 | 066 | 77 | 0 | 0 | 9 | 0 | 2 | 47 | 77 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 234 | 70 | 0 | 0 | 9 | 0 | 0 | 49 | 76 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 147 | 51 | 0 | 0 | 9 | 0 | 0 | 49 | 74 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 136 | 54 | 0 | 0 | 9 | 0 | 0 | 65 | 77 |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 029 | 70 | 0 | 0 | 9 | 0 | 0 | 37 | 70 |
| Peshawar | Peshawar | 000 | 0 | 1 | 36 | 02 | 98 | 01 | 0 | 128 | 70 | 0 | 0 | 9 | 0 | 1 | 39 | 70 |
| | Haripur | 000 | 0 | 0 | 23 | 05 | 98 | 00 | 0 | 165 | 65 | 0 | 0 | 9 | 0 | 0 | 41 | 74 |
| D. I. Khan | Bannu | 000 | 0 | 2 | 18 | 02 | 99 | 01 | 0 | 131 | 70 | 0 | 0 | 9 | 4 | 0 | 32 | 70 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 135 | 72 | 0 | 0 | 9 | 0 | 0 | 49 | 74 |
| Quetta | Sibi | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 147 | 77 | 0 | 0 | 9 | 0 | 0 | 62 | 78 |
| | Nokkundi | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 093 | 78 | 1 | 5 | 7 | 0 | 0 | 33 | 79 |
| Kalat | Turbat | 000 | 0 | 0 | 29 | 08 | 98 | 00 | 0 | 158 | 80 | 0 | 0 | 9 | 0 | 0 | 41 | 80 |
| | Jiwani | 000 | 0 | 1 | 18 | 07 | 96 | 02 | 0 | 145 | 77 | 1 | 1 | 5 | 0 | 0 | 61 | 81 |
| | Pasni | 000 | 0 | 0 | 25 | 20 | 97 | 02 | 0 | 156 | 81 | 0 | 0 | 9 | 0 | 0 | 69 | 81 |
| Karachi division | Ormara | 000 | 0 | 0 | 18 | 14 | 56 | 02 | 0 | 157 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 81 |
| | Lasbela | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 116 | 89 | 0 | 0 | 8 | 0 | 0 | 48 | 90 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 141 | 77 | 0 | 0 | 9 | 0 | 0 | 59 | 83 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 127 | 81 | 0 | 0 | 9 | 0 | 0 | 60 | 84 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 84 | 0 | 0 | 9 | 0 | 0 | 42 | 82 |
| | Chhor | 000 | 0 | 0 | 36 | 07 | 96 | 02 | 0 | 147 | 86 | 0 | 0 | 9 | 0 | 0 | 31 | 86 |
| | Hyderabad | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 133 | 82 | 0 | 0 | 9 | 0 | 0 | 47 | 83 |
| | Badin | 000 | 0 | 0 | 36 | 06 | 97 | 02 | 0 | 121 | 83 | 0 | 0 | 9 | 1 | 0 | 62 | 85 |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 129 | 75 | 0 | 0 | 9 | 0 | 0 | 49 | 79 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 138 | 80 | 0 | 0 | 9 | 0 | 0 | 54 | 82 |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 138 | 78 | 0 | 0 | 9 | 0 | 0 | 65 | 80 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 4 | 135 | 79 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ** | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 0 | 09 | 07 | 99 | 02 | 0 | 506 | 50 | 0 | 0 | 9 | 0 | 0 | 13 | 52 |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 03 | 96 | 03 | 0 | 507 | 55 | 0 | 0 | 9 | 0 | 0 | 42 | 50 |
| | Kakul * | 000 | 0 | 0 | 31 | 02 | 99 | 02 | 0 | 487 | 59 | 0 | 0 | 9 | 0 | 0 | 37 | 60 |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 830 | 59 | 0 | 0 | 9 | 0 | 0 | 52 | 59 |
| | Parachinar * | 000 | 0 | 1 | 16 | 03 | 98 | 03 | 0 | 494 | 55 | 0 | 0 | 9 | 0 | 1 | 48 | 55 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 03 | 99 | 00 | 0 | 476 | 62 | 0 | 0 | 9 | 0 | 0 | 41 | 66 |
| | Wana * | 000 | 0 | 0 | 23 | 03 | 99 | 00 | 0 | 487 | 65 | 0 | 0 | 9 | 0 | 0 | 38 | // |
| Quetta | Fort Sandeman * | 000 | 0 | 1 | 31 | 03 | 97 | 02 | 0 | 476 | 61 | 0 | 0 | 9 | 0 | 1 | 03 | 63 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 31 | 42 |
| | Loralai * | 000 | 0 | 0 | 09 | 02 | 97 | 00 | 0 | 475 | 59 | 0 | 0 | 9 | 0 | 0 | 45 | 62 |
| | Barkhan * | 076 | 0 | 0 | 23 | 05 | 97 | 03 | 2 | 518 | 56 | 3 | 7 | 7 | 0 | 0 | 26 | 67 |
| | Harnai * | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 485 | 67 | 0 | 0 | 9 | 0 | 0 | 49 | 68 |
| | Samungli (Quetta) * | 000 | 0 | 3 | 36 | 05 | 96 | 03 | 0 | 507 | 56 | 1 | 1 | 6 | 0 | 0 | 30 | 83 |
| | Chaman * | 000 | 0 | 0 | 27 | 08 | 97 | 02 | 0 | 520 | 64 | 0 | 0 | 9 | 0 | 0 | 27 | 65 |
| | Nushki * | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 518 | 70 | 0 | 0 | 9 | 0 | 0 | 33 | 69 |
| | Dalbandin * | 000 | 0 | 1 | 05 | 05 | 97 | 03 | 0 | 515 | 74 | 0 | 0 | 9 | 1 | 0 | 39 | 75 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 501 | 33 | 0 | 0 | 9 | 0 | 0 | 23 | 75 |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur * | 000 | 0 | 2 | 33 | 02 | 96 | 03 | 0 | 507 | 75 | 2 | 1 | 7 | 0 | 1 | 21 | 80 |

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1970 to-date (41) | Rainfall Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 5 | 1 | 31 | 62 | 97 | 01 | 4 | 137 | 77 | 1 | 1 | 7 | 0 | 0 | 67 | 70 | — | — | 4.0 | — | 2.4 | — |
| | Cox's Bazar | 000 | 0 | 2 | 36 | 05 | 95 | 02 | 0 | 123 | 79 | 0 | 0 | 9 | 2 | 0 | 65 | 70 | 0 | + 7 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 3 | 31 | 02 | 96 | 01 | 2 | 129 | 77 | 1 | 5 | 4 | 3 | 0 | 68 | 70 | + 1 | + 7 | 1.4 | − 3.0 | 0.6 | 108 |
| | Maijdee Court | 000 | 9 | 0 | 00 | 00 | 98 | 00 | 0 | 130 | 77 | 0 | 0 | 9 | 0 | 0 | 73 | 68 | + 4 | + 6 | 3.6 | + 0.2 | 3.2 | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 134 | 78 | 0 | 0 | 9 | 0 | 0 | 63 | 65 | + 2 | + 2 | 3.0 | − 1.4 | 1.5 | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — | | | | | 78 |
| | Sylhet | 000 | 0 | 3 | 09 | 02 | 96 | 03 | 0 | 131 | 73 | 3 | 0 | 9 | 3 | 0 | 65 | 59 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | 000 | 0 | 5 | 18 | 03 | 96 | 02 | 0 | 131 | 70 | 3 | 9 | 5 | 7 | 2 | 59 | 56 | + 2 | − 1 | 3.1 | − 0.4 | 1.6 | 98 |
| Dacca | Mymensingh | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 143 | 70 | 5 | 4 | 7 | 2 | 0 | 56 | 63 | + 2 | + 3 | 1.6 | − 0.7 | 1.3 | 91 |
| | Narayanganj | 000 | 0 | 8 | 31 | 02 | 97 | 03 | 5 | 144 | 70 | 8 | 6 | 3 | / | / | 61 | 65 | − 1 | + 1 | — | — | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 31 | 05 | 96 | 02 | 3 | 133 | 70 | 5 | 5 | 5 | 7 | 0 | 61 | 65 | — | — | 2.2 | — | 1.0 | — |
| | Faridpur | 000 | 0 | 8 | 34 | 05 | 97 | 02 | 3 | 135 | 70 | 6 | 4 | 5 | 1 | 0 | 59 | 65 | + 1 | + 4 | 2.9 | − 0.2 | 1.3 | 71 |
| Khulna | Barisal | | | | | | | | | | | | | | | | | | | | | | | 81 |
| | Khulna | 000 | 0 | 6 | 36 | 04 | 97 | 02 | 0 | 140 | 72 | 4 | 2 | 5 | 0 | 0 | 72 | 70 | + 3 | + 6 | — | — | — | 68 |
| | Satkhira | 000 | 0 | 8 | 36 | 03 | 97 | 00 | 0 | 143 | 72 | 6 | 6 | 7 | 2 | 0 | 58 | 65 | + 1 | + 2 | 2.3 | − 1.2 | 2.1 | 68 |
| | Jessore | 002 | 1 | 8 | 27 | 05 | 96 | 61 | 6 | 139 | 67 | 5 | 6 | 3 | 2 | / | 59 | 65 | — | — | 3.6 | + 0.7 | 2.5 | 65 |
| Rajshahi | Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 59 |
| | Sirajganj | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 132 | 68 | 8 | 6 | 6 | 0 | 0 | 59 | 65 | 0 | + 4 | 2.1 | + 0.1 | 1.8 | 64 |
| | Rajshahi | 000 | 2 | 8 | 31 | 02 | 94 | 60 | 6 | 134 | 67 | 8 | 7 | 4 | 0 | 0 | 61 | 67 | − 1 | + 8 | 4.4 | + 2.6 | 1.5 | — |
| | Bogra | 000 | 0 | 6 | 27 | 02 | 96 | 02 | 2 | 134 | 67 | 2 | 5 | 4 | 3 | 0 | 59 | 63 | 0 | + 4 | 2.7 | + 0.5 | 1.4 | 69 |
| | Dinajpur | 000 | 3 | 4 | 27 | 02 | 96 | 01 | 1 | 133 | 70 | 6 | 0 | 9 | 2 | / | 59 | 63 | − 3 | + 7 | 1.7 | + 0.1 | 0.9 | 72 |
| | Rangpur | 000 | 0 | 6 | 23 | 05 | 96 | 03 | 2 | 159 | 65 | 4 | 5 | 6 | 2 | 0 | 61 | 56 | − 3 | 0 | 2.5 | + 0.9 | 1.0 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 22 | 02 | 96 | 02 | 0 | 138 | 52 | 0 | 0 | 9 | 0 | 0 | 40 | 46 | − 6 | − 2 | 1.7 | − 1.0 | 1.7 | 19 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 138 | 52 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | — | — | — | — | — | — |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 52 | 0 | 0 | 9 | 0 | 0 | 36 | 45 | — | — | | | | — |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 95 | 10 | 0 | 146 | 45 | 0 | 0 | 9 | 0 | 0 | 42 | 42 | + 7 | − 4 | 5.5 | − 1.1 | 5.3 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 113 | 50 | 0 | 0 | 9 | 0 | 0 | 36 | 42 | − 4 | − 8 | — | — | — | 15 |
| | Sargodha | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 137 | 49 | 0 | 0 | 9 | 0 | 0 | 45 | // | — | — | — | — | — | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 148 | 49 | 0 | 0 | 9 | 0 | 0 | 40 | 42 | − 5 | − 7 | 0.8 | − 0.4 | 0.4 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 0 | 11 | 03 | 97 | 02 | 0 | 142 | 59 | 0 | 0 | 9 | 0 | 0 | 42 | 49 | − 3 | − 3 | 0.8 | − 0.3 | 0.8 | 7 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 2 | 23 | 02 | 96 | 02 | 0 | 141 | 58 | 0 | 0 | 9 | 0 | 0 | 52 | 52 | − 7 | − 1 | — | — | — | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 166 | 65 | 0 | 0 | 9 | 0 | 0 | 41 | 52 | − 8 | − 1 | 0.2 | − 0.5 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 171 | 58 | 0 | 0 | 9 | 0 | 0 | 42 | 56 | — | — | — | — | — | 8 |
| Malakand | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Peshawar | Peshawar | 000 | 0 | 1 | 13 | 02 | 97 | 02 | 0 | 152 | 40 | 0 | 0 | 9 | 0 | 1 | 40 | 41 | − 1 | − 5 | 2.6 | − 1.6 | 2.0 | 11 |
| | Haripur | 000 | 0 | 0 | 05 | 01 | 96 | 00 | 0 | 142 | 53 | 0 | 0 | 9 | 0 | 0 | 38 | 42 | — | — | 5.3 | — | 4.9 | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 31 | 01 | 99 | 00 | 0 | 151 | 47 | 0 | 0 | 9 | 0 | 0 | 42 | 45 | — | — | 1.5 | — | 1.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | // | 02 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | // | 49 | − 4 | − 1 | 5.8 | + 4.2 | 5.8 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 156 | 54 | 0 | 0 | 9 | 0 | 0 | 48 | 53 | — | — | 0.3 | — | 0.3 | 8 |
| | Nokkundi | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 155 | 58 | 0 | 0 | 9 | 0 | 0 | 23 | 55 | — | — | 1.8 | — | 1.8 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 193 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 61 | — | — | 0.5 | — | 0.5 | — |
| | Jiwani | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 171 | 65 | 1 | 6 | 5 | 0 | 0 | 62 | 64 | — | — | 8.7 | — | 7.9 | 5 |
| | Pasni | 000 | 0 | 0 | 29 | 08 | 97 | 02 | 0 | 160 | 60 | 0 | 0 | 9 | 0 | 0 | 60 | 60 | − 1 | + 2 | 2.5 | − 1.8 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 3 | 167 | 67 | 1 | 0 | 9 | 0 | 0 | 57 | 70 | — | — | 2.9 | − 1.6 | 2.9 | 4 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 164 | 60 | 0 | 0 | 8 | 0 | 0 | 55 | 57 | — | — | — | — | — | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 165 | 72 | 0 | 0 | 9 | 0 | 0 | 63 | 68 | + 3 | + 2 | 0.5 | − 0.7 | 0.5 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 154 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 62 | — | — | 0.6 | — | 0.6 | — |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 151 | 58 | 0 | 0 | 9 | 0 | 0 | 32 | 48 | — | — | — | — | — | 7 |
| | Hyderabad | 000 | 0 | 3 | 09 | 03 | 97 | 02 | 0 | 155 | 64 | 0 | 0 | 9 | 0 | 0 | 47 | 59 | − 5 | 0 | 0.5 | − 0.1 | 0.5 | 9 |
| | Badin | 000 | 0 | 0 | 31 | 01 | 97 | 02 | 0 | 148 | 59 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | − 4 | + 3 | 0.1 | − 0.7 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 148 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 51 | — | — | 2.3 | — | 2.3 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 158 | 59 | 0 | 0 | 9 | 0 | 0 | 47 | 51 | — | — | 0.1 | — | 0.1 | 4 |
| | Sukkur | 000 | 2 | 0 | 13 | 02 | 94 | 05 | 4 | 148 | 60 | 0 | 0 | 9 | 0 | 0 | 57 | 57 | — | — | 0.7 | — | 0.7 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 148 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | − 4 | + 1 | 2.0 | + 1.1 | 1.9 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 531 | 36 | 0 | 0 | 9 | 0 | 0 | 22 | 34 | − 1 | − 3 | 1.8 | — | 1.2 | 29 |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 05 | 98 | 03 | 0 | 482 | 47 | 0 | 0 | 9 | 0 | 0 | 24 | 41 | 0 | − 3 | — | — | — | — |
| | Kakul * | 000 | 0 | 0 | 33 | 05 | 99 | 02 | 0 | 483 | 42 | 0 | 0 | 9 | 0 | 0 | 24 | 40 | — | — | — | — | — | — |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 29 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 02 | 0 | 475 | 46 | 0 | 0 | 9 | 0 | 0 | 32 | 40 | — | — | 0.1 | − 4.1 | 0.1 | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 489 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 32 | — | — | 2.1 | — | 2.1 | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 507 | 48 | 0 | 0 | 9 | 0 | 0 | 16 | 43 | − 2 | + 6 | 1.4 | − 1.3 | 1.4 | — |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 31 | 38 | — | — | 0.3 | — | 0.3 | 9 |
| | Loralai * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 470 | 45 | 0 | 0 | 9 | 0 | 0 | 39 | 50 | — | — | 0.4 | — | 0.3 | — |
| | Barkhan * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 14 |
| | Harnai * | 030 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 474 | 49 | 0 | 0 | 9 | 0 | 0 | 41 | 46 | — | — | 1.8 | − 1.4 | 1.8 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 13 | 02 | 94 | 02 | 0 | 528 | 34 | 0 | 0 | 9 | 0 | 0 | 23 | 29 | — | — | 3.6 | − 2.8 | 1.9 | 9 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 09 | 0 | 547 | 44 | 0 | 0 | 9 | 0 | 0 | 33 | 39 | 0 | − 4 | 7.7 | + 2.6 | 7.7 | — |
| | Nushki * | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 534 | 57 | 0 | 0 | 9 | 0 | 0 | 23 | 54 | — | — | 3.1 | — | 3.0 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 518 | 50 | 0 | 0 | 9 | 0 | 0 | 24 | 44 | + 2 | + 1 | 2.3 | − 0.3 | 2.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 543 | 39 | 0 | 0 | 9 | 0 | 0 | 32 | 35 | − 1 | 0 | 1.5 | − 2.4 | 1.5 | — |
| | Khuzdar * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 503 | 59 | 0 | 0 | 9 | 0 | 0 | 28 | 47 | | — | 1.7 | — | 1.4 | 5 |
| | Panjgur * | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 507 | 45 | 0 | 0 | 9 | 0 | 0 | 34 | 46 | | | — | — | — | — |

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
When over 999 is given 888 see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 3rd MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 L L L | Q L L L | YYGG | N dd FF | VV ww W | PPP TT | N C h C C | D V a PP | 7RR | 8N Ch h | OT T T T | IT T T T | 3P P H H | d d P H H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Dwarka | 00 2 48 | 10 6 38 | 02 1 63 | 07 5 15 | 98 0 20 | 16 2 22 | 00 9 00 | 18 2 14 | | | 00 8 16 | | 30 4 02 | |
| Domra | 99 2 48 | 10 6 14 | 02 0 03 | 20 0 00 | 99 0 20 | 15 4 24 | 21 5 00 | 13 5 05 | | | 00 3 18 | | 30 0 00 | |

## UPPER AIR DATA

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

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 008 219 34 | ... | 495 130 36 | 097 028 17 | 574 131 55 | 543 213 53 | 949 355 54 | 222 517 // | 390 643 // | ... | ... | ... | ... |
| Dacca | 00 00 | 009 210 56 | ... | 430 134 40 | 081 038 60 | 572 141 50 | 739 261 01 | 945 357 61 | 218 515 // | 401 627 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 014 240 57 | ... | 500 140 60 | 011 040 58 | 576 121 // | 744 211 // | 953 311 // | | ... | ... | ... | ... | ... |
| Multan | 00 00 | 998 120 50 | ... | 450 140 63 | 093 038 57 | 575 115 // | 740 261 // | 949 295 // | 426 459 // | | ... | ... | ... | ... |
| Peshawar | 00 00 | 971 070 21 | ... | 477 062 43 | 019 037 40 | 560 199 40 | 722 301 // | 922 415 // | 187 515 // | 372 325 // | ... | ... | ... | ... |
| Quetta | 00 00 | 920 072 37 | ... | ... | 067 023 // | 567 175 // | 732 247 // | 938 313 // | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 991 120 35 | ... | 390 080 57 | 959 021 59 | 542 181 // | 716 305 // | 916 421 // | 185 511 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT T DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE P T P 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 | 980 171 31 | 880 096 35 | 690 055 12 | 350 269 53 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 152 60 | 800 110 60 | 600 051 57 | 350 285 61 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 285 09 | 295 10 | 310 08 | 330 13 | 275 25 | 280 29 | — | ... | — |
| Bogra | — | ... | ... | — | ... | ... | | ... | ... |
| Chaklala | ... | 295 11 | 320 07 | 030 04 | 345 09 | 340 13 | 320 18 | 320 23 | 320 20 |
| Chhor | 005 07 | 345 09 | 360 08 | 355 12 | 360 08 | 295 16 | 290 20 | 280 26 | 285 30 |
| Chittagong | 285 10 | 330 08 | 325 08 | 325 15 | 300 25 | 280 27 | 280 31 | 365 29 | ... |
| Cherat | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Cox's Bazar | 305 10 | 320 15 | 320 17 | 040 11 | 335 15 | 315 29 | 295 30 | 285 22 | |
| Dacca | 280 13 | 280 11 | 275 12 | 290 21 | 290 35 | 285 39 | 295 32 | 260 51 | 260 59 |
| Dalbandin | ... | ... | 035 01 | 055 01 | 340 02 | 315 09 | 285 14 | 300 19 | 280 28 |
| D. I. Khan | 135 04 | 130 04 | 180 04 | 005 07 | 310 12 | 290 11 | 290 07 | 170 07 | 295 11 |
| Drosh | ... | ... | — | 055 05 | 020 03 | 010 05 | 025 13 | 005 27 | 360 31 |
| Fort Sandeman | ... | ... | ... | 330 07 | 295 06 | 315 11 | 300 34 | 285 18 | 295 19 |
| Gilgit | ... | ... | ... | ... | ... | — | ... | ... | ... |
| Ishurdi | 270 13 | 270 21 | 275 20 | 280 13 | 295 29 | ... | ... | ... | ... |
| Jacobabad | 205 03 | 205 03 | 205 01 | 310 02 | 315 04 | 325 11 | 340 15 | 305 09 | 280 12 |
| Jessore | 305 13 | 305 12 | 300 21 | 310 15 | 310 30 | 320 37 | ... | ... | ... |
| Jhelum | 310 12 | 315 11 | 310 12 | 035 08 | 340 12 | 325 23 | 320 29 | 315 30 | 320 29 |
| Jiwani | 165 09 | 165 07 | 175 07 | 155 06 | 130 07 | 255 07 | 310 15 | 300 19 | 300 19 |
| Karachi | 260 08 | 265 05 | 355 05 | 030 08 | 305 14 | 315 13 | 300 23 | 295 38 | 290 29 |
| Khanpur | 125 04 | 105 02 | 175 03 | 175 04 | 295 05 | 265 11 | 310 09 | 355 02 | 020 04 |
| Khuzdar | ... | — | | 310 04 | 330 16 | 330 12 | 305 15 | 310 15 | 310 20 |
| Lahore | 305 09 | 335 09 | 330 10 | 320 15 | 335 16 | 330 18 | 305 15 | 320 21 | 320 02 |
| Multan | 009 20 | 020 02 | 020 05 | 310 05 | 040 10 | 335 08 | 030 07 | 005 09 | 310 13 |
| Nawab Shah | ... | — | ... | — | ... | ... | ... | ... | ... |
| Nokkundi | ... | ... | 175 04 | 185 03 | 320 02 | 325 06 | 275 13 | 275 18 | 257 20 |
| Panjgur | ... | ... | ... | 245 08 | 260 07 | 270 04 | 305 05 | 285 09 | 280 18 |
| Peshawar | ... | 250 06 | 310 10 | 305 13 | 300 17 | 305 10 | 355 19 | 300 17 | 305 17 |
| Parachinar | ... | ... | ... | 270 08 | 190 03 | 290 23 | 305 08 | 305 23 | 295 23 |
| Quetta | ... | ... | | /// // | 310 10 | 325 17 | 310 25 | 305 27 | . |
| Sargodha | 325 08 | 320 15 | 310 12 | 310 10 | 335 10 | 350 17 | 360 10 | 335 09 | 320 13 |
| Skardu | ... | ... | ... | 210 01 | /// // | 285 07 | 260 06 | 300 29 | 305 10 |
| Sylhet | 250 07 | 240 08 | 250 10 | 265 20 | 265 29 | 300 33 | — | — | ... |
| Veraval | ... | ... | | ... | ... | — | — | ... | ... |

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

| Height in Kms. a.s.l. → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 300 10 | 295 09 | 265 19 | 285 15 | 275 23 | — |
| Bogra | 265 15 | 265 16 | 255 18 | 280 27 | 280 39 | ... |
| Chaklala | — | 070 05 | 035 07 | 355 09 | . | ... |
| Chhor | 025 07 | 355 09 | 305 15 | 355 23 | 350 29 | — |
| Chittagong | ... | ... | ... | — | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 360 09 | 355 10 | 255 06 | 280 10 | 295 14 | 280 19 |
| Dacca | ... | ... | ... | ... | — | ... |
| Dalbandin | ... | ... | 065 07 | 080 09 | 010 05 | 300 06 |
| D. I. Khan | 100 04 | 070 03 | 330 02 | 290 05 | 250 03 | 280 03 |
| Drosh | — | ... | — | 140 03 | 040 06 | 360 09 |
| Fort Sandeman | — | ... | — | 215 08 | 310 14 | 330 25 |
| Gilgit | ... | ... | ... | ... | ... | ... |
| Ishurdi | 270 21 | 265 15 | 265 17 | 265 34 | 265 38 | ... |
| Jacobabad | 240 06 | 245 11 | 255 12 | 270 13 | 275 13 | 285 18 |
| Jessore | 295 24 | 295 23 | 295 29 | 300 17 | 270 10 | 240 30 |
| Jhelum | 310 13 | 345 17 | 330 11 | 220 04 | 230 04 | 275 14 |
| Jiwani | 350 07 | 290 06 | 185 13 | 145 07 | ... | ... |
| Karachi | ... | | ... | ... | | ... |
| Khanpur | 220 11 | 245 13 | 250 17 | 245 13 | 275 14 | 340 13 |
| Khuzdar | ... | | ... | 290 04 | 290 06 | 310 12 |
| Lahore | 310 17 | 330 21 | 340 17 | 345 11 | 325 12 | 320 37 |
| Multan | 190 11 | 195 15 | 215 13 | 235 09 | 285 08 | 280 11 |
| Nawab Shah | ... | ... | ... | ... | | |
| Nokkundi | ... | — | 060 06 | 180 07 | 150 02 | 275 03 |
| Panjgur | ... | — | ... | 030 08 | 330 08 | 310 03 |
| Peshawar | ... | 285 27 | 330 25 | 345 22 | 310 38 | 325 30 |
| Parachinar | ... | ... | ... | 235 41 | 130 06 | ... |
| Quetta | ... | — | ... | 215 08 | 310 14 | 330 25 |
| Sargodha | 310 05 | 325 05 | 330 06 | 355 08 | 295 06 | 290 10 |
| Skardu | ... | ... | ... | ... | ... | ... |
| Sylhet | 3// /5 | 285 09 | 220 15 | 265 19 | 270 37 | 270 42 |
| Veraval | ... | ... | ... | — | — | — |

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

| Height in Kms. a.s.l. → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 325 10 | 320 10 | 320 15 | 320 17 | 250 12 | 245 16 | 245 33 | ... | ... | ... | .. |
| Bogra | 260 05 | 265 10 | 265 19 | 280 29 | 280 47 | 270 47 | 265 51 | | | | |
| Chaklala | ... | 255 01 | 305 02 | 035 03 | 055 04 | 350 08 | 305 08 | 295 15 | 295 15 | 295 23 | 310 41 |
| Chhor | 115 05 | 340 05 | 325 08 | 360 20 | 345 18 | 350 18 | 300 15 | 290 17 | 285 39 | 270 43 | ... |
| Chittagong | 305 11 | 300 12 | 300 12 | 285 13 | 290 16 | 360 17 | 280 29 | 245 44 | 240 44 | 200 70 | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... |
| Cox's Bazar | 315 10 | 320 15 | 320 12 | 295 07 | 300 12 | 325 15 | ... | ... | ... | .. | ... |
| Dacca | 285 04 | 290 16 | 290 13 | 255 31 | 345 19 | 260 20 | 275 41 | | ... | | ... |
| Dalbandin | ... | ... | 070 04 | 050 03 | 335 06 | 345 13 | 320 13 | 285 25 | 290 28 | 300 37 | 305 57 |
| D. I. Khan | 185 03 | 035 02 | 035 05 | 315 06 | 350 04 | 340 07 | 340 05 | 290 10 | 345 09 | ... | ... |
| Drosh | ... | ... | ... | 140 03 | 040 06 | 010 11 | 355 19 | 355 23 | 310 42 | 280 25 | 287 26 |
| Fort Sandeman | ... | ... | ... | 280 02 | 295 07 | 255 15 | 350 40 | 245 43 | 345 43 | 340 45 | 335 87 |
| Gilgit | ... | ... | ... | ... | ... | | ... | ... | | ... | . |
| Ishurdi | 270 07 | 270 11 | 285 16 | 265 39 | ... | — | ... | ... | | . | .. |
| Jacobabad | 350 10 | 260 12 | 260 10 | 320 13 | 335 19 | 350 19 | 005 27 | 010 35 | 020 36 | . | . |
| Jessore | 290 23 | 300 31 | 290 37 | ... | | | | ... | ... | | |
| Jhelum | 315 08 | 320 13 | 315 13 | 295 09 | 268 05 | 295 04 | 285 09 | 310 12 | 320 09 | 3 5 34 | 765 33 |
| Jiwani | 275 05 | 265 08 | 265 02 | 130 06 | 125 08 | 035 06 | 295 24 | 290 30 | 300 36 | 290 41 | 275 56 |
| Karachi | 305 08 | 290 15 | 300 14 | 345 09 | 005 10 | 010 07 | 295 10 | 300 18 | 305 18 | | |
| Khanpur | 340 23 | 240 22 | 250 21 | 255 27 | 295 24 | 340 14 | 290 11 | 310 13 | 305 21 | 315 10 | 340 27 |
| Khuzdar | ... | ... | ... | 005 04 | 310 14 | 340 16 | 355 19 | 320 13 | 290 27 | 300 41 | |
| Lahore | 320 07 | 305 13 | 290 16 | 290 13 | 300 13 | 305 10 | 255 17 | 305 14 | 280 24 | 265 19 | 295 34 |
| Multan | 155 11 | 185 13 | 195 12 | 195 11 | 345 25 | 340 17 | 275 29 | 300 22 | 310 37 | 305 58 | 300 91 |
| Nawab Shah | — | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Nokkundi | — | — | 110 04 | 170 01 | 260 03 | 250 04 | 330 05 | 275 23 | 270 14 | .. | ... |
| Panjgur | — | | | — | ... | ... | ... | ... | | | |
| Peshawar | ... | 040 03 | 345 03 | 300 15 | 305 17 | 345 17 | 350 15 | 325 17 | 3 5 35 | 355 31 | 290 39 |
| Parachinar | ... | ... | — | 345 09 | 335 13 | 335 10 | 345 21 | 335 12 | 300 17 | 315 38 | 310 33 |
| Quetta | ... | ... | ... | /// // | 320 13 | 335 17 | 340 24 | 335 23 | 300 28 | 280 14 | ... |
| Sargodha | 281 06 | 300 08 | 330 08 | 325 17 | 335 17 | 275 24 | 310 13 | 275 29 | 298 23 | 300 31 | ... |
| Skardu | ... | ... | ... | 125 01 | /// // | 280 06 | 145 01 | 285 24 | 245 44 | 285 35 | ... |
| Sylhet | 250 06 | 260 08 | 285 13 | — | ... | ... | — | ... | | | ... |
| Veraval | ... | ... | ... | ... | ... | | — | — | | | ... |

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

| Height in g.p. Kms. a.s.l → STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 305 13 | 295 13 | 290 11 | 315 11 | 335 10 | 090 12 | 290 18 | 285 37 | 285 45 | 275 56 | 285 71 | 279 83 | 275 91 | 266 01 | ... | ... | ... | — |
| Multan | 145 20 | 145 18 | 205 10 | 240 10 | 350 09 | 025 04 | 325 06 | 305 10 | 335 13 | 310 14 | 310 16 | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

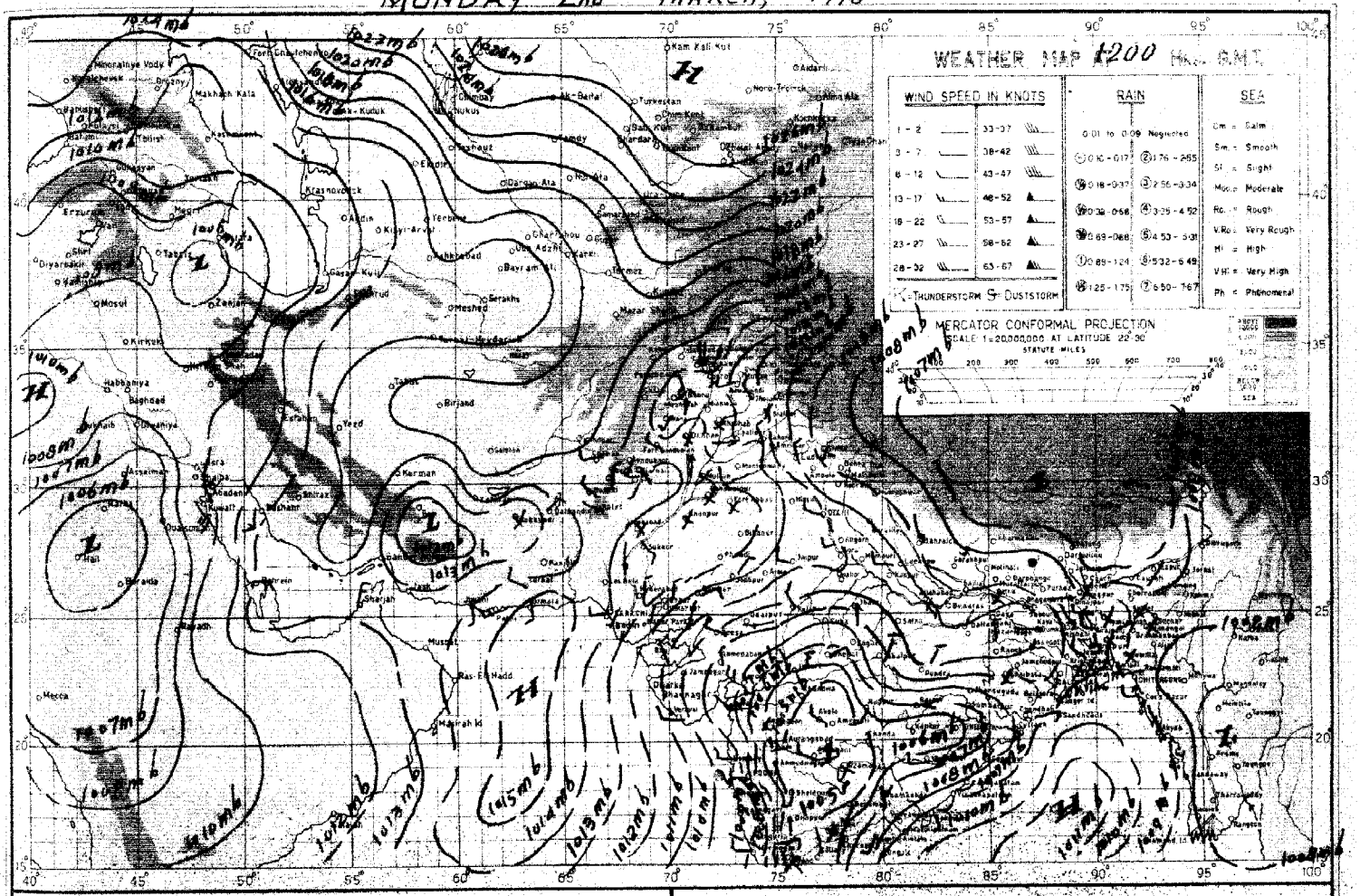
† The actual time of observations may vary within half an hour of the specified time.

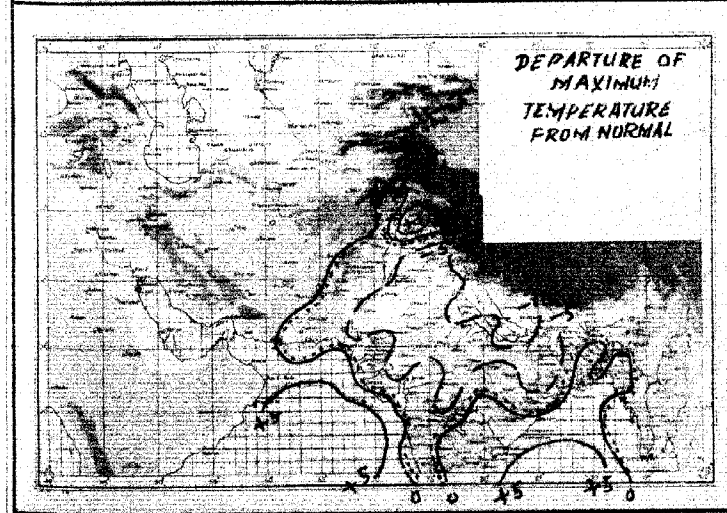
* The first two figures in each column give the wind direction "dd" in tens of degrees [illegible]. The next two figures give the wind speed "fff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

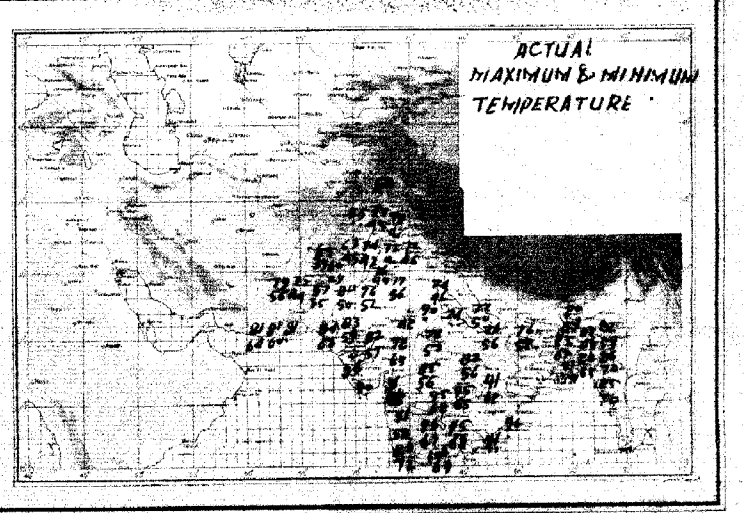
The accuracy of individual entries in this report cannot [illegible] be guaranteed. Corrections [illegible] Meteorologist, Weather Centre, Air Port, KARACHI—[illegible]

# PAKISTAN DAILY WEATHER MAP

MONDAY 2nd MARCH, 1970.



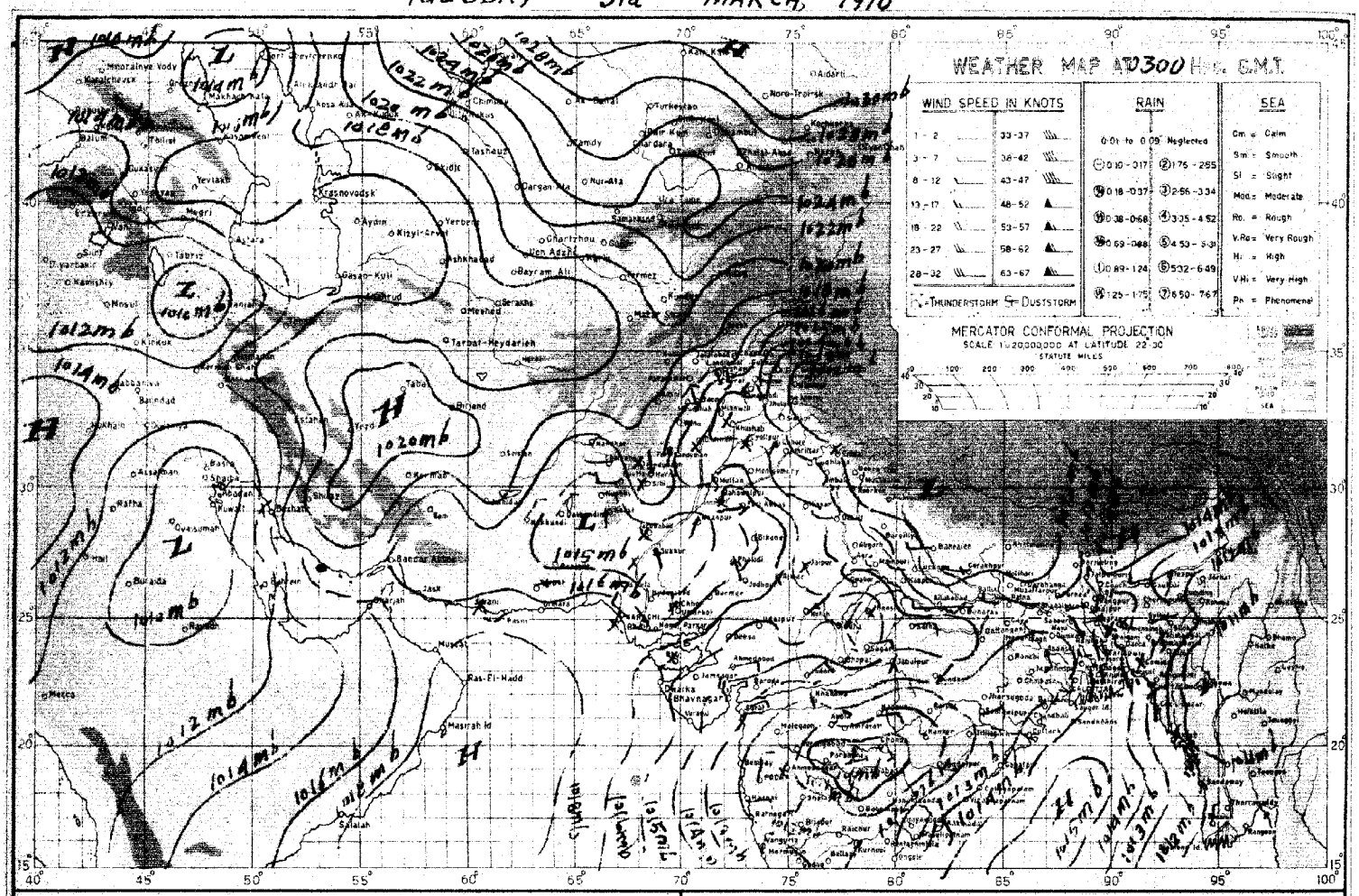



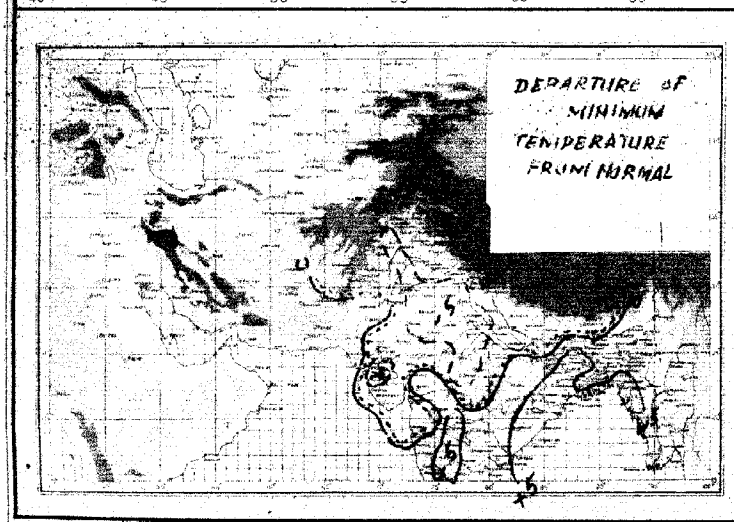



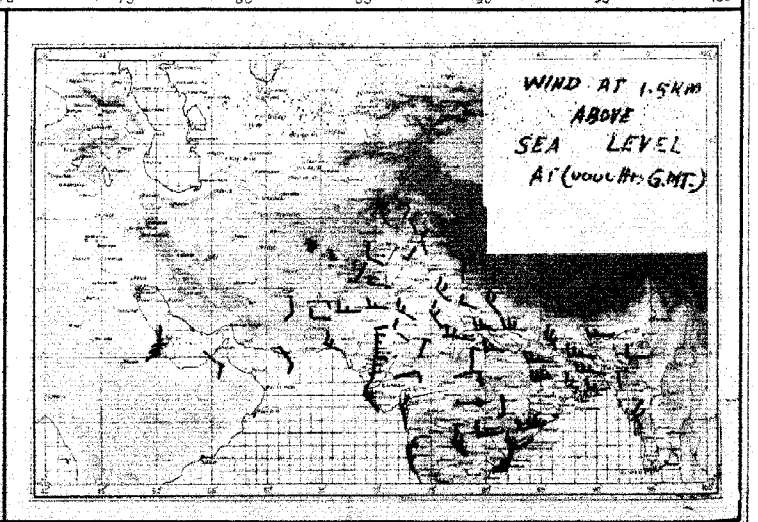

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd MARCH, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 4th MARCH, 1970.**

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

Yesterday's trough of low pressure over Kalat and Khairpur divisions persists. Light rain or drizzle have occurred in Multan and Quetta divisions, otherwise dry weather prevailed over west Pakistan.

A western disturbance is moving across northeast Iran with its secondary lying over Persian Gulf and adjoining area.

Yesterday's westerly low pressure wave over sub-Himalyan West Bengal and adjoining East Pakistan moved away. A trough of low pressure lies over Orissa and neighbourhood. Widespread rain/thundershowers occurred in Khulna division and light rain at a few places in Dacca division. Khulna, Satkhira and Jessore recorded ¼" of rainfall.

Night temperatures were 3—8 °F (2—4 °C) above normal in Chittagong, Rajshahi, Bahawalpur, Peshawar, Quetta, Kalat and Karachi divisions and 3—6 °F (2—3 °C) below normal in Rawalpindi, Multan and Hyderabad divisions.

**Forecast valid until the evening of 5th March 1970 :—**Rain/thundershowers are likely to be local in Khulna and Dacca divisions and scattered in Chittagong and Rajshahi divisions. Thunderstorm/showers are also likely to occur in Kalat, Quetta, D. I. Khan, Peshawar and Malakand divisions. Weather will be dry elsewhere over West Pakistan.

Karachi-11
The 4th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 4 | 31 | 05 | 97 | 02 | 1 | 112 | 78 | 5 | 7 | 5 | 7 | / | 58 | 90 |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 16 | 95 | 02 | 0 | 098 | 80 | 8 | 0 | 9 | 0 | 0 | 69 | 86 |
| | Chittagong | 000 | 0 | 5 | 31 | 09 | 96 | 02 | 2 | 109 | 76 | 1 | 5 | 4 | 2 | C | 64 | 85 |
| | Maijdee Court | 000 | 9 | 8 | 00 | 00 | 96 | 03 | 2 | 110 | 77 | 2 | 5 | 5 | 2 | / | 59 | 78 |
| | Comilla | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 2 | 111 | 72 | 5 | 4 | 4 | 0 | 0 | 60 | 77 |
| | Brahmanbaria | 000 | 0 | 4 | 27 | 02 | 96 | 03 | 1 | 108 | 72 | 6 | 5 | 5 | 0 | 0 | 59 | 82 |
| | Sylhet | 000 | 0 | 7 | 18 | 05 | 96 | 02 | 2 | 110 | 72 | 4 | 4 | 5 | 3 | 0 | 59 | 76 |
| | Srimangal | 000 | 0 | 8 | 20 | 02 | 95 | 02 | 0 | 103 | 72 | 4 | 0 | 5 | 7 | 0 | 59 | 76 |
| Dacca | Mymensingh | 000 | 0 | 7 | 00 | 00 | // | 02 | 2 | 109 | 72 | 7 | 5 | 4 | 0 | 0 | 50 | 78 |
| | Narayanganj | 000 | 0 | 8 | 18 | 02 | // | 03 | 5 | 101 | 70 | 8 | 6 | 3 | / | / | 63 | 72 |
| | Dacca (Tejgaon) | 005 | 7 | 7 | 00 | 00 | 96 | 03 | 4 | 110 | 70 | 4 | 5 | 5 | 7 | 0 | 63 | 72 |
| | Faridpur | 003 | 0 | 8 | 34 | 02 | 95 | 50 | 2 | 111 | 68 | 7 | 5 | 5 | 1 | 0 | 63 | 72 |
| Khulna | Barisal | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 111 | 72 | 4 | 4 | 4 | 2 | 0 | 59 | 77 |
| | Khulna | 000 | 0 | 6 | 36 | 05 | 97 | 02 | 0 | 127 | 73 | 2 | 4 | 5 | 0 | 0 | 70 | 78 |
| | Satkhira | 000 | 0 | 8 | 36 | 02 | 96 | 03 | 2 | 117 | 72 | 8 | 4 | 6 | 0 | 0 | 63 | 78 |
| | Jessore | 008 | 7 | 8 | 27 | 04 | 96 | 50 | 6 | 117 | 64 | 6 | 7 | 1 | 2 | 0 | 60 | 70 |
| Rajshahi | Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sirajganj | C00 | 0 | 8 | 00 | 00 | 93 | 02 | 2 | 107 | 73 | 0 | 6 | 6 | 0 | 0 | 56 | 76 |
| | Rajshahi | 000 | 4 | 7 | 00 | 00 | 95 | 60 | 2 | 101 | 70 | 6 | 7 | 4 | 4 | 0 | 48 | 73 |
| | Bogra | 000 | 0 | 5 | 23 | 02 | 96 | 03 | 2 | 096 | 73 | 2 | 0 | 9 | 7 | 2 | 54 | // |
| | Dinajpur | C00 | 9 | 8 | 27 | 02 | 95 | 01 | 1 | 083 | 72 | 5 | 0 | 9 | 0 | 1 | 54 | 72 |
| | Rangpur | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 098 | 64 | 6 | 0 | 9 | 1 | 0 | 60 | 82 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 101 | 73 | 0 | 0 | 9 | 8 | 0 | 40 | 73 |
| | Sialkot | C00 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 092 | 76 | 0 | 0 | 9 | 0 | 0 | 65 | 84 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 0 | 091 | 76 | 0 | 0 | 9 | 0 | 0 | 45 | 76 |
| | Islamabad | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | /// | 70 | 1 | 2 | 8 | 0 | 0 | 54 | 70 |
| | Rawalpindi | 000 | 0 | 1 | 23 | 02 | 94 | 00 | 0 | 104 | 63 | 0 | 0 | 9 | 0 | 4 | 49 | 72 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 099 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 77 |
| | Sargodha | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 100 | 76 | 0 | 0 | 9 | 0 | 0 | 43 | 77 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 105 | 77 | 0 | 0 | 9 | 0 | 0 | 56 | 76 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 101 | 78 | 0 | 0 | 9 | 0 | 8 | 43 | 80 |
| | Leiah | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 103 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | // | 0 | 0 | 9 | 8 | 0 | 37 | 85 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 101 | 80 | 0 | 0 | 9 | 0 | 8 | 49 | 82 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 113 | 81 | 0 | 0 | 9 | 0 | 0 | 63 | 81 |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 176 | 70 | 0 | 0 | 9 | 0 | 0 | 34 | 70 |
| Peshawar | Peshawar | 000 | 0 | 1 | 09 | 03 | 97 | 01 | 0 | 094 | 72 | 0 | 0 | 9 | 0 | 1 | 49 | 72 |
| | Haripur | 000 | 0 | 0 | 18 | 20 | 98 | 00 | 0 | 491 | 63 | 0 | 0 | 9 | 0 | 0 | 34 | 70 |
| D. I. Khan | Bannu | 000 | 0 | 2 | 13 | 02 | 99 | 01 | 0 | 078 | 72 | 0 | 0 | 9 | 4 | 0 | 38 | 73 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 092 | 74 | 0 | 0 | 9 | 0 | 0 | 54 | 78 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 101 | 82 | 0 | 0 | 9 | 0 | 0 | 56 | 84 |
| | Nokkundi | 000 | 0 | 4 | 18 | 05 | 96 | 03 | 0 | 098 | 81 | 4 | 6 | 7 | 0 | 0 | 45 | 83 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 148 | 80 | 0 | 0 | 9 | 0 | 0 | 34 | 87 |
| | Jiwani | 000 | 0 | 2 | 25 | 07 | 96 | 01 | 0 | 139 | 78 | 1 | 5 | 5 | 0 | 1 | 54 | 79 |
| | Pasni | 000 | 0 | 0 | 23 | 14 | 97 | 02 | 0 | 090 | 82 | 0 | 0 | 9 | 0 | 0 | 69 | 84 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | |
| | Lasbela | 000 | 0 | 2 | 13 | 02 | 98 | 00 | 0 | 103 | 91 | 0 | 0 | 8 | 0 | 0 | 35 | 92 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 07 | 97 | 02 | 0 | 122 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 84 |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 12 | 96 | 02 | 0 | 115 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 85 |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 118 | 88 | 0 | 0 | 9 | 0 | 0 | 43 | 90 |
| | Badin | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 111 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | 90 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 103 | 85 | 0 | 0 | 9 | 0 | 0 | 35 | 87 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 115 | 85 | 0 | 0 | 9 | 0 | 0 | 37 | 89 |
| | Sukkur | 000 | 6 | 0 | 23 | 02 | 96 | 02 | 0 | 114 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 85 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 098 | 86 | 0 | 0 | 9 | 0 | | 87 | 86 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 1 | 00 | 00 | 99 | 02 | 0 | 472 | 56 | 1 | 1 | 7 | 0 | 0 | 41 | 64 |
| Peshawar | Cherat * | 000 | 0 | 0 | 36 | 03 | 98 | 00 | 0 | 481 | 58 | 0 | 0 | 9 | 0 | 0 | 29 | 40 |
| | Kakul * | 000 | 0 | 1 | 25 | 03 | 99 | 03 | 0 | 471 | 60 | 0 | 0 | 9 | 0 | 1 | 25 | // |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 602 | 60 | 0 | 0 | 9 | 0 | 0 | 47 | 67 |
| | Parachinar * | 000 | 0 | 1 | 02 | 07 | 98 | 02 | 0 | 485 | 59 | 1 | 1 | 7 | 0 | 0 | 47 | 63 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 475 | 68 | 0 | 0 | 9 | 0 | 0 | 38 | 73 |
| | Wana * | 000 | 0 | 0 | 23 | 05 | 99 | 00 | 0 | 482 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 67 |
| Quetta | Fort Sandeman * | 000 | 0 | 1 | 34 | 16 | 98 | 03 | 0 | 470 | 66 | 1 | 1 | 7 | 0 | 0 | 07 | 67 |
| | Hindubagh * | 000 | 0 | 0 | 20 | 03 | 97 | 03 | 0 | /// | / | 0 | 0 | 9 | 0 | 0 | 46 | 54 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 99 | 00 | 0 | 465 | 59 | 0 | 0 | 9 | 0 | 0 | 46 | 61 |
| | Barkhan * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Harnai * | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 469 | 71 | 0 | 0 | 9 | 0 | 0 | 44 | 75 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 537 | 62 | 0 | 0 | 9 | 0 | 0 | 27 | 63 |
| | Chaman * | 000 | 0 | 0 | 37 | 03 | 97 | 00 | 0 | 498 | 67 | 0 | 0 | 9 | 0 | 0 | 49 | 67 |
| | Nushki * | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 550 | 72 | 0 | 0 | 9 | 0 | 0 | 37 | 71 |
| | Dalbandin * | 000 | 0 | 3 | 05 | 02 | 98 | 00 | 3 | 514 | 76 | 3 | 0 | 6 | 0 | 0 | 47 | 78 |
| Kalat | Kalat * | 000 | 0 | 0 | 34 | 02 | 98 | 00 | 2 | 493 | 55 | 0 | 0 | 9 | 0 | 0 | 30 | 58 |
| | Khuzdar * | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 482 | 71 | 0 | 0 | 9 | 0 | 0 | 15 | 73 |
| | Panjgur * | 000 | 0 | 1 | 23 | 03 | 96 | 01 | 0 | 505 | 76 | 1 | 5 | 7 | 0 | 0 | 19 | 87 |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 6 | 7 | 27 | 05 | 97 | 40 | 4 | 143 | 73 | 4 | 7 | 5 | 0 | 7 | 67 | 65 | — | — | 4.0 | — | 2.4 | — |
| Cox's Bazar | 000 | 0 | 0 | 36 | 16 | 96 | 01 | 0 | 123 | 76 | 0 | 0 | 9 | 0 | 0 | 56 | 73 | + 1 | + 7 | — | — | — | 140 |
| Chittagong | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 1 | 122 | 72 | 7 | 0 | 9 | 7 | 0 | // | 65 | 0 | + 2 | 1.4 | — 3.2 | 0.6 | 108 |
| Maijdee Court | 000 | 9 | 8 | 00 | 00 | 96 | 03 | 2 | 141 | 70 | 3 | 5 | 5 | 2 | 1 | 63 | 65 | — 6 | + 3 | 3.6 | + 0.1 | 3.2 | 115 |
| Comilla | 000 | 5 | 5 | 00 | 00 | 96 | 03 | 0 | 126 | 67 | 5 | 4 | 6 | 0 | 0 | 65 | 65 | — 9 | + 2 | 2.0 | — 1.5 | 1.5 | 94 |
| Brahmanbaria | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 1 | /// | // | 8 | 5 | 5 | 0 | 0 | 64 | 62 | — | — | — | — | — | 78 |
| Sylhet | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 0 | 177 | 63 | 3 | 5 | 5 | 3 | 0 | 61 | 60 | — | — | 7.3 | — | 5.8 | — |
| Srimangal | 000 | 0 | 7 | 18 | 02 | 96 | 02 | 0 | 133 | 75 | 4 | 8 | 5 | 5 | 2 | 63 | 54 | — 10 | — 3 | 3.1 | — 0.6 | 1.6 | 98 |
| Mymensingh | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 2 | 147 | 67 | 7 | 4 | 5 | 0 | 0 | 56 | 61 | — 5 | + 1 | 1.6 | — 0.7 | 1.3 | 91 |
| Narayanganj | 000 | 0 | 8 | 23 | 02 | 97 | 00 | 5 | 144 | 68 | 8 | 7 | 3 | / | / | 63 | 64 | — 14 | 0 | — | — | — | 74 |
| Dacca (Tejgaon) | 005 | 1 | 7 | 00 | 00 | 96 | 03 | 2 | 135 | 67 | 3 | 4 | 5 | 7 | 0 | 63 | 63 | — | — | 2.2 | — | 1.0 | — |
| Faridpur | 007 | 0 | 8 | 00 | 00 | 97 | 40 | 2 | 131 | 62 | 7 | 4 | 5 | 1 | 0 | 63 | 63 | — 13 | + 2 | 3.0 | — 0.1 | 1.3 | 71 |
| Barisal | 011 | 1 | 8 | 27 | 03 | 96 | 61 | 5 | 141 | 67 | 6 | 3 | 4 | 2 | 0 | 65 | 65 | — 9 | + 1 | — | — | — | 81 |
| Khulna | 010 | 4 | 6 | 31 | 05 | 9 | 02 | 0 | 127 | 67 | 4 | 2 | 5 | 0 | 0 | 63 | 65 | — 10 | + 1 | — | — | — | 68 |
| Satkhira | 030 | 9 | 8 | 00 | 00 | 97 | 03 | 0 | 139 | 67 | 9 | 6 | 9 | 0 | 0 | 65 | 65 | — 11 | + 2 | 2.3 | — 1.2 | 2.1 | 65 |
| Jessore | 023 | 9 | 7 | 20 | 08 | 96 | 61 | 9 | 127 | 65 | 2 | 6 | 3 | 7 | 0 | 65 | 59 | — | — | 3.8 | + 0.8 | 2.7 | 65 |
| Pabna | 080 | 0 | 7 | 23 | 02 | 98 | 01 | 2 | 128 | 67 | 7 | 0 | 9 | 9 | 0 | 63 | 63 | | | — | | — | 59 |
| Sirajganj | 008 | 0 | 8 | 18 | 01 | 97 | 02 | 2 | 133 | 67 | 8 | 6 | 6 | 0 | 0 | 61 | 61 | — 9 | + 2 | 2.1 | + 0.1 | 1.8 | 64 |
| Rajshahi | 000 | 0 | 8 | 21 | 22 | 95 | 02 | 2 | 120 | 67 | 8 | 7 | 4 | 0 | 0 | 65 | 63 | — 13 | + 4 | 4.4 | + 2.6 | 1.5 | — |
| Bogra | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 130 | 70 | 2 | 5 | 5 | 7 | 8 | 63 | 61 | / | + 2 | 2.7 | + 0.3 | 1.4 | 49 |
| Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 134 | 72 | 0 | 2 | 9 | 0 | 0 | 59 | 56 | — 8 | 0 | 1.7 | + 0.1 | 0.9 | 73 |
| Rangpur | 000 | 0 | 1 | 21 | 05 | 96 | 01 | 0 | 162 | 64 | 1 | 0 | 9 | 1 | 0 | 58 | 56 | — 1 | 0 | 2.5 | + 0.9 | 1.0 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 103 | 59 | 0 | 0 | 9 | 0 | 0 | 47 | 47 | — 5 | + 1 | 1.7 | — 1.0 | 1.7 | 19 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 119 | 56 | 0 | 0 | 9 | 0 | 0 | 49 | // | — 9 | / | — | — | — | 33 |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 110 | 52 | 0 | 0 | 9 | 0 | 0 | 47 | 41 | — | — | — | — | — | — |
| Islamabad | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 45 | 0 | 0 | 9 | 0 | 0 | 33 | // | — | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 118 | 49 | 0 | 0 | 9 | 0 | 0 | 42 | 42 | + 1 | — 4 | 5.5 | — 1.4 | 5.3 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 112 | 50 | 0 | 0 | 9 | 0 | 0 | 36 | 42 | — 1 | — 8 | — | — | — | 15 |
| Sargodha | 000 | 0 | 0 | 00 | 00 | 95 | 04 | 0 | 105 | 54 | 0 | 0 | 9 | 0 | 0 | 47 | 44 | — | — | — | — | — | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 105 | 52 | 0 | 0 | 9 | 0 | 0 | 42 | 47 | — 1 | — 2 | 0.8 | — 0.6 | 0.4 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 103 | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 49 | + 2 | — 6 | 0.9 | — 0.3 | 0.9 | 7 |
| Leiah | 000 | 0 | 0 | 36 | 00 | 92 | 00 | 0 | 039 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 50 | — | — | — | — | — | 8 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 099 | 58 | 0 | 0 | 9 | 0 | 0 | 49 | 58 | — 2 | — 7 | — | — | — | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 105 | 67 | 0 | 0 | 9 | 0 | 0 | 49 | 56 | 0 | + 3 | 0.2 | — 0.5 | 0.2 | 6 |
| Fort Abbas | /// | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 105 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 59 | — | — | 0.0 | — | 0.0 | 8 |
| Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| Peshawar | 005 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 110 | 47 | 0 | 0 | 9 | 0 | 0 | 42 | 42 | + 1 | — 6 | 2.6 | — 1.6 | 2.0 | 11 |
| Haripur | 000 | 0 | 0 | 05 | 05 | 98 | 00 | 0 | 109 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | — | — | 5.3 | — | 4.9 | — |
| Bannu | 000 | 0 | 0 | 18 | 01 | 99 | 00 | 0 | 103 | 50 | 0 | 0 | 9 | 0 | 0 | 41 | 47 | — | — | 1.5 | — | 1.0 | 11 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 108 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 50 | 0 | 0 | 4.8 | + 3.2 | 5.8 | 9 |
| Sibi | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 126 | 56 | 0 | 0 | 9 | 0 | 0 | 42 | 52 | — | — | 0.3 | — | 0.3 | 8 |
| Nokkundi | 000 | 0 | 0 | 36 | 03 | 96 | 01 | 0 | 138 | 59 | 0 | 0 | 9 | 0 | 0 | 32 | 57 | — | — | 1.8 | — | 1.8 | 3 |
| Turbat | 000 | 0 | 0 | 31 | 02 | 98 | 03 | 0 | 159 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 61 | — | — | 0.5 | — | 0.5 | — |
| Jiwani | 000 | 0 | 3 | 27 | 07 | 96 | 03 | 0 | 131 | 71 | 1 | 6 | 5 | 0 | 1 | 66 | 64 | — | — | 8.7 | — | 7.9 | 8 |
| Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 093 | 66 | 0 | 0 | 9 | 0 | 0 | 66 | 60 | + 2 | + 1 | 2.5 | — 1.8 | 2.5 | 6 |
| Ormara | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Lasbela | 007 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 120 | 64 | 0 | 0 | 8 | 0 | C | 55 | 59 | — | — | — | — | — | 8 |
| Karachi (Manora) | 001 | 0 | 3 | 27 | 05 | 96 | 07 | 0 | 116 | 74 | 0 | 0 | 9 | 0 | 4 | 68 | 71 | + 4 | + 5 | 0.5 | — 0.7 | 0.5 | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 116 | 67 | 5 | 0 | 9 | 3 | 0 | 61 | 64 | — | — | 0.6 | — | 0.6 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 123 | 62 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | | — | — | — | — | — |
| Chhor | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 116 | 62 | 0 | 0 | 9 | 0 | 0 | 53 | 55 | + 2 | — | — | — | — | 7 |
| Hyderabad | 080 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 147 | 66 | 0 | 0 | 9 | 0 | 1 | 88 | 62 | + 1 | — 9 | 0.5 | — 0.1 | 0.5 | 9 |
| Badin | 000 | 0 | 0 | 33 | 01 | 97 | 02 | 0 | 134 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | 64 | + 1 | + 5 | 0.1 | — 0.8 | 0.1 | — |
| Padidan | 000 | 0 | 4 | 05 | 04 | 96 | 03 | 0 | 105 | 58 | 4 | 0 | 9 | 7 | 0 | 50 | 54 | — | — | 2.3 | — | 2.3 | — |
| Nawabshah | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 127 | 60 | 0 | 0 | 9 | 0 | 6 | 48 | 53 | — | — | 0.1 | — | 0.1 | 4 |
| Sukkur | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 121 | 62 | 0 | 0 | 9 | 0 | 0 | 46 | 59 | — | — | 0.7 | — | 0.7 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 101 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 55 | + 2 | 0 | 2.0 | — 1.1 | 1.9 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 34 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 490 | 38 | 0 | 0 | 9 | 0 | 0 | 16 | 34 | + 11 | — 3 | 1.8 | — | 1.2 | 29 |
| Cherat | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 458 | 49 | 0 | 0 | 9 | 0 | 0 | 28 | 47 | + 2 | + 3 | — | — | — | — |
| Kakul | 000 | 0 | 0 | 34 | 08 | 99 | 02 | 0 | 464 | // | 0 | 0 | 9 | 0 | 0 | 23 | // | — | — | — | — | — | — |
| Landikotal | 000 | 0 | 0 | 03 | 05 | 98 | 02 | 0 | 612 | 42 | 0 | 0 | 9 | 0 | 0 | 38 | 33 | — | — | — | — | — | 29 |
| Parachinar | 000 | 0 | 0 | 02 | 02 | 98 | 02 | 0 | 475 | 45 | 0 | 0 | 9 | 0 | 0 | 25 | 38 | + 9 | + 4 | 4.2 | — | 3.6 | 13 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 457 | 38 | 0 | 0 | 9 | 0 | 0 | 42 | 52 | — | — | 0.1 | — 4.1 | 0.1 | 11 |
| Wana | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 409 | 59 | 0 | 0 | 9 | 0 | 0 | 38 | 36 | — | — | — | — | — | 13 |
| Fort Sandeman | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 403 | 38 | 0 | 0 | 9 | 0 | 0 | 24 | 47 | + 2 | + 8 | 1.4 | — 1.3 | 1.4 | — |
| Hindubagh | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | /// | 28 | 0 | 0 | 9 | 0 | 0 | 13 | 25 | — | — | 0.3 | — | 0.3 | 9 |
| Loralai | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Barkhan | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 455 | 60 | 0 | 0 | 9 | 0 | 0 | 18 | 46 | | — | — | — | — | 14 |
| Harnai | 000 | 0 | 0 | 13 | 04 | 98 | 00 | 0 | 449 | 54 | 0 | 0 | 9 | 0 | 0 | 34 | 48 | — | — | 1.8 | — 1.4 | 1.8 | 9 |
| Samungli (Quetta) | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 506 | 36 | 0 | 0 | 9 | 0 | 0 | 29 | 32 | — | — | 2.6 | — 2.9 | 1.9 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 08 | 0 | 524 | 48 | 0 | 0 | 9 | 0 | 0 | 37 | 42 | + 2 | — | 7.7 | + 1.5 | 7.7 | — |
| Nushki | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 536 | 58 | 0 | 0 | 9 | 0 | 0 | 25 | 55 | — | — | 3.1 | — | 3.0 | 4 |
| Dalbandin | 000 | 0 | 0 | 05 | 03 | 90 | 02 | 0 | 489 | 50 | 0 | 0 | 9 | 0 | 0 | 35 | 45 | + 5 | + 8 | 2.3 | — 0.3 | 2.3 | 7 |
| Kalat | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 592 | 43 | 0 | 0 | 9 | 0 | 0 | 34 | 34 | 0 | + 1 | 1.8 | — 2.4 | 1.5 | — |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 476 | 50 | 0 | 0 | 9 | 0 | 0 | 24 | 18 | — | — | — | — | — | 5 |
| Panjgur | 003 | 0 | 1 | 00 | 00 | 96 | 01 | c | 484 | 52 | 1 | C | 9 | 0 | 0 | 35 | 48 | + 6 | + 9 | — | — | — | — |

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

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 4th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Dumra | 99 2 48 | 10 6 14 | 03 0 03 | 20 0 00 | 99 0 20 | 15 4 24 | 21 5 00 | 13 5 05 | | | 00 2 18 | ... | 30 0 00 | 10 / // |
| Korenia | 99 2 49 | 10 5 78 | 03 0 63 | 04 7 C6 | 98 0 33 | 17 6 24 | 21 3 40 | ... | | | 0/ / 19 | 12 3 87 | 30 1 01 | ... |
| Dwarka | 99 2 50 | 10 6 29 | 03 0 63 | 12 7 10 | 99 0 20 | 18 4 23 | 00 9 01 | 64 2 10 | | | 00 8 19 | — | 20 5 01 | |
| Dumra | 99 2 49 | 10 6 34 | 03 1 23 | 22 6 08 | 99 0 20 | 14 8 26 | 11 4 01 | 23 7 18 | | | 00 2 19 | ... | 30 2 01 | 25 3 01 |
| Anshun | 99 1 09 | 10 5 79 | 03 1 83 | 30 6 13 | 96 8 30 | 12 9 26 | 31 4 00 | 23 2 05 | | ... | 03 2 22 | 12 6 19 | 38 2 02 | 09 4 03 |
| Dumra | 99 2 48 | 10 6 49 | 03 1 93 | 02 7 08 | 99 0 20 | 13 7 25 | 00 9 00 | 21 7 12 | | | 00 1 19 | ... | 3 //// | 27 / // |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 009 186 17 | ... | 425 126 48 | 088 014 20 | 572 127 57 | 838 253 56 | 943 355 57 | 216 525 // | 397 649 // | 634 785 // | ... | ... | ... |
| Dacca | 00 00 | 012 202 26 | ... | 450 056 39 | 308 016 57 | 573 107 21 | 741 229 36 | 945 375 57 | 219 473 // | 404 595 // | 651 727 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 008 190 31 | ... | 400 100 52 | 045 010 // | 566 135 // | 733 225 // | 939 481 // | | ... | ... | ... | ... | ... |
| Multan | 00 00 | 995 102 18 | ... | 440 096 // | 046 021 // | 556 171 // | 726 281 // | 928 391 // | 187 445 // | 399 75/ // | ... | — | ... | — |
| Peshawar | 00 00 | 968 078 12 | ... | 480 110 19 | 131 010 22 | 575 153 22 | 739 285 // | 938 435 // | 202 521 // | — | ... | — | ... | — |
| Quetta | | | | | | | | | | | | | | |
| Sargodha | 00 00 | 987 110 56 | ... | 530 104 70 | 891 035 56 | 564 221 // | 725 311 // | 925 391 // | 197 495 // | ... | — | — | — | — |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 142 48 | 800 088 50 | 675 080 12 | 600 075 15 | 564 107 31 | 350 297 50 | ... | ... | ... | — | — | — |
| Dacca | 00 00 | 900 148 50 | 800 086 56 | 675 000 56 | 600 031 16 | 350 305 50 | ... | — | ... | ... | . | — | — |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | | ... | ... | ... | ... | ... | ... | 250 280 79 | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | 200 300 72 | ... | ... |
| Quetta | | | | | | | | | | | | | |
| Sargodha | 00 00 | — | ... | — | ... | ... | — | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 335 06 | 320 15 | 325 26 | 220 25 | 300 09 | 345 35 | 280 23 | ... | — |
| Bogra | 220 12 | 200 15 | 275 20 | 280 25 | | ... | | ... | ... |
| Chaklala | ... | 270 10 | 275 05 | 320 03 | 020 04 | 330 04 | 330 08 | 340 09 | 010 10 |
| Chhor | 270 09 | 260 10 | 275 08 | 290 12 | 300 10 | 330 09 | | ... | — |
| Chittagong | 330 05 | 350 10 | 305 10 | 355 17 | 265 19 | 345 23 | 240 34 | 245 41 | — |
| Cherat | ... | ... | ... | — | ... | ... | ... | — | ... |
| Cox's Bazar | 355 25 | 360 26 | 360 22 | 015 18 | 345 15 | 310 18 | ... | — | |
| Dacca | 315 06 | 315 04 | 295 13 | 280 23 | 260 17 | 260 21 | ... | | |
| Dalbandin | ... | ... | 080 05 | 090 02 | 320 02 | 325 05 | 280 15 | 290 25 | 295 33 |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | 240 02 | 135 02 | 235 05 | 005 15 | 340 21 | 330 30 |
| Fort Sandeman | ... | ... | ... | 345 17 | 240 11 | 280 14 | 305 23 | 310 29 | 305 51 |
| Gilgit | ... | — | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 320 05 | 310 08 | 380 09 | 220 14 | 310 22 | 345 18 | 300 25 | 295 40 | 290 53 |
| Jessore | 315 15 | 315 26 | 320 35 | . | ... | | ... | ... | ... |
| Jhelum | 285 05 | 305 07 | 310 07 | 005 03 | 085 06 | 345 19 | 330 18 | 325 19 | 310 24 |
| Jiwani | 270 08 | 255 06 | 235 07 | 200 10 | 180 06 | 230 05 | 305 15 | 280 25 | 275 31 |
| Karachi | 285 17 | 295 13 | 300 11 | 300 12 | 340 08 | 310 09 | 320 30 | 305 17 | 300 35 |
| Khanpur | 235 08 | 240 09 | 240 10 | 260 13 | 280 08 | 325 06 | 345 12 | 335 15 | 330 15 |
| Khuzdar | ... | — | | 320 12 | 310 15 | 300 12 | 305 14 | 310 37 | 310 38 |
| Lahore | 290 10 | 300 10 | 305 11 | 320 12 | 345 11 | 295 11 | 305 12 | 290 25 | 305 26 |
| Multan | 065 04 | 020 02 | 020 04 | 310 15 | 320 28 | 330 22 | 320 27 | 310 26 | 310 28 |
| Nawab Shah | 360 03 | 350 04 | 315 06 | 335 09 | 315 10 | 305 21 | 310 28 | 295 47 | 300 75 |
| Nokkundi | ... | ... | 230 05 | 130 02 | 130 03 | 135 07 | ... | ... | ... |
| Panjgur | ... | ... | ... | 245 05 | 215 04 | 230 05 | 320 // | 315 16 | 310 16 |
| Peshawar | ... | 130 06 | 275 02 | 305 17 | 308 23 | 325 12 | 275 04 | 325 15 | 310 24 |
| Parachinar | ... | ... | ... | /// // | 355 08 | 205 02 | 260 20 | 320 25 | 325 31 |
| Quetta | ... | ... | ... | /// // | 310 10 | 305 09 | 315 24 | 290 30 | ... |
| Sargodha | 240 06 | 345 06 | 275 06 | 295 12 | 340 14 | 350 19 | 335 11 | 330 23 | 320 19 |
| Skardu | — | ... | ... | ... | 260 08 | 290 09 | ... | ... | ... |
| Sylhet | 220 07 | 230 07 | 265 09 | 270 15 | 265 19 | 260 19 | ... | — | ... |
| Veraval | ... | ... | . | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T.† of date (dd fff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 285 14 | 280 15 | 280 17 | ... | . | .. |
| Bogra | 220 09 | 275 08 | 270 05 | 240 09 | .. | .. |
| Chaklala | ... | 075 01 | 340 02 | 330 06 | 340 12 | 335 09 |
| Chhor | 240 08 | 245 08 | 270 11 | 325 08 | 030 09 | 320 15 |
| Chittagong | ... | — | ... | . | ... | ... |
| Cherat | ... | ... | . | ... | ... | ... |
| Cox's Bazar | 355 17 | 355 25 | 360 31 | 010 12 | 030 15 | 060 13 |
| Dacca | 220 12 | 260 15 | 245 14 | 230 10 | 210 13 | 260 13 |
| Dalbandin | ... | . | 055 04 | 085 07 | 105 05 | 320 04 |
| D. I. Khan | 045 04 | 110 03 | 160 03 | 270 03 | 310 03 | 270 03 |
| Drosh | ... | ... | ... | 175 01 | 280 01 | 210 08 |
| Fort Sandeman | — | ... | — | 050 08 | 335 06 | 340 19 |
| Gilgit | ... | .. | ... | 190 02 | 245 04 | 230 04 |
| Ishurdi | 260 19 | 260 20 | 250 10 | 250 06 | 255 20 | ... |
| Jacobabad | ... | .. | ... | ... | ... | ... |
| Jessore | No | Ascent | | ... | | |
| Jhelum | 345 07 | 305 08 | 310 12 | 265 10 | 325 04 | 345 15 |
| Jiwani | 275 11 | 280 16 | 310 15 | 330 12 | 335 07 | 045 06 |
| Karachi | ... | | | | | ... |
| Khanpur | 250 08 | 260 05 | 270 04 | 290 03 | 280 06 | 295 21 |
| Khuzdar | | | ... | 320 06 | 335 10 | 315 17 |
| Lahore | 295 08 | 300 09 | 315 11 | 330 12 | 325 10 | 290 09 |
| Multan | 205 09 | 335 08 | 230 04 | 345 02 | 345 10 | 330 15 |
| Nawab Shah | 215 09 | 215 07 | 275 04 | 315 09 | 315 08 | 305 10 |
| Nokkundi | ... | ... | 075 07 | 090 02 | 305 06 | 310 12 |
| Panjgur | ... | ... | ... | 265 08 | 320 08 | 320 12 |
| Peshawar | ... | 300 04 | 340 06 | 290 19 | 290 27 | 310 25 |
| Parachinar | ... | — | ... | 340 04 | 260 01 | — |
| Quetta | ... | — | | | | ... |
| Sargodha | 255 05 | 305 08 | 310 10 | 340 03 | 325 12 | 320 15 |
| Skardu | ... | ... | ... | | . | 025 01 |
| Sylhet | 105 04 | 140 03 | 215 04 | 250 14 | 240 23 | ... |
| Veraval | . | . | ... | — | . | — |

At 0600 hrs. G.M.T.† of date (dd fff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 330 05 | 240 08 | 250 13 | 250 16 | ... | .. | ... | .. | — | ... | .. |
| Bogra | 135 02 | 210 03 | 250 03 | 230 05 | 250 14 | | | | .. | .. | |
| Chaklala | ... | 155 02 | 035 02 | 305 04 | 335 04 | 345 08 | 325 29 | 320 35 | . | — | — |
| Chhor | 175 13 | 270 05 | 205 04 | 355 04 | 360 03 | 270 08 | 280 12 | | ... | ... | ... |
| Chittagong | 350 14 | 330 03 | 310 13 | 215 24 | 325 25 | 320 16 | 235 12 | 310 38 | 230 59 | 180 62 | 255 66 |
| Cherat | — | . | . | ... | . | ... | ... | .. | ... | .. | .. |
| Cox's Bazar | 160 17 | 020 23 | 030 22 | 025 06 | 040 19 | 075 12 | ... | ... | ... | .. | ... |
| Dacca | 310 03 | 285 10 | 260 16 | 250 23 | 230 23 | 260 24 | | | ... | | ... |
| Dalbandin | ... | ... | 090 01 | 045 03 | 015 09 | 355 12 | 320 15 | 290 14 | 295 14 | 290 23 | 290 42 |
| D. I. Khan | 125 04 | 245 05 | 310 06 | 300 08 | 330 08 | 340 10 | 330 08 | 320 19 | 340 21 | 340 29 | 315 31 |
| Drosh | ... | ... | ... | 040 04 | 030 04 | 065 04 | 355 21 | 345 21 | 340 35 | 325 58 | 325 85 |
| Fort Sandeman | ... | ... | ... | 250 04 | 180 03 | 345 12 | 340 37 | 320 55 | 305 59 | 295 88 | 265 87 |
| Gilgit | | | ... | ... | ... | | ... | .. | — | ... | . |
| Ishurdi | 255 08 | 260 07 | 335 07 | ... | .. | .. | ... | ... | — | | .. |
| Jacobabad | 340 03 | 360 12 | 345 13 | 345 11 | 320 07 | 325 08 | 335 14 | 310 19 | 295 21 | 310 38 | ... |
| Jessore | 250 03 | 230 08 | 245 13 | 240 15 | 250 25 | 255 23 | 180 25 | ... | ... | .. | . |
| Jhelum | 230 04 | 225 06 | 225 06 | | 305 04 | | 285 11 | ... | 305 23 | | |
| Jiwani | 285 14 | 300 14 | 305 13 | 330 09 | 330 33 | 290 09 | 310 11 | 275 26 | 285 25 | 235 43 | 285 58 |
| Karachi | 300 12 | 325 11 | 340 18 | 345 14 | 335 09 | 305 12 | 290 21 | ... | | | |
| Khanpur | 350 08 | 305 10 | 330 09 | 330 09 | 335 12 | 015 05 | 300 10 | 280 15 | 290 24 | 290 29 | 280 31 |
| Khuzdar | ... | | . | 305 01 | 355 12 | 360 10 | 295 15 | 300 23 | 185 25 | 290 25 | 275 34 |
| Lahore | 290 02 | 285 04 | 285 03 | 280 07 | 300 10 | 330 05 | 330 14 | 320 16 | 330 17 | 340 26 | 245 40 |
| Multan | .. | ... | | | ... | ... | .. | | ... | .. | .. |
| Nawab Shah | 205 06 | 200 02 | 200 01 | 285 02 | 250 04 | 380 06 | 270 19 | 300 26 | 285 23 | .. | ... |
| Nokkundi | — | — | 090 06 | 075 07 | 010 05 | 085 12 | 015 14 | 160 26 | 355 19 | 340 36 | ... |
| Panjgur | | | — | 360 20 | 345 05 | 335 06 | 345 14 | 355 15 | 350 21 | 275 11 | . |
| Peshawar | ... | 100 05 | 340 07 | 300 18 | 285 25 | 285 29 | 340 13 | 325 17 | 320 23 | 305 33 | 300 40 |
| Parachinar | ... | ... | ... | 345 04 | 260 04 | 300 29 | 330 08 | 300 26 | 295 27 | 305 37 | 305 59 |
| Quetta | ... | ... | | - | 345 17 | 345 17 | 335 13 | 315 17 | 310 21 | 300 23 | ... |
| Sargodha | 110 01 | 330 01 | 240 01 | 280 01 | 310 03 | 310 11 | 325 27 | 340 20 | 335 25 | 315 29 | 310 44 |
| Skardu | ... | ... | ... | ... | 065 10 | 170 01 | 200 01 | 285 12 | 290 33 | 265 27 | .. |
| Sylhet | 170 03 | 280 03 | 220 04 | 260 12 | 250 13 | ... | .. | ... | | ... | ... |
| Veraval | — | ... | ... | ... | ... | — | ... | ... | | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 270 17 | 275 17 | 270 18 | 260 19 | 315 18 | 320 11 | 290 19 | 290 29 | 275 37 | 265 49 | 280 58 | 283 21 | 280 84 | ... | | ... | ... | ... |
| Multan | 190 11 | 190 07 | 240 03 | 235 06 | 005 05 | 005 14 | 325 23 | 325 31 | 325 42 | 320 46 | 320 45 | 310 75 | 310 89 | | | | | |
| 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.

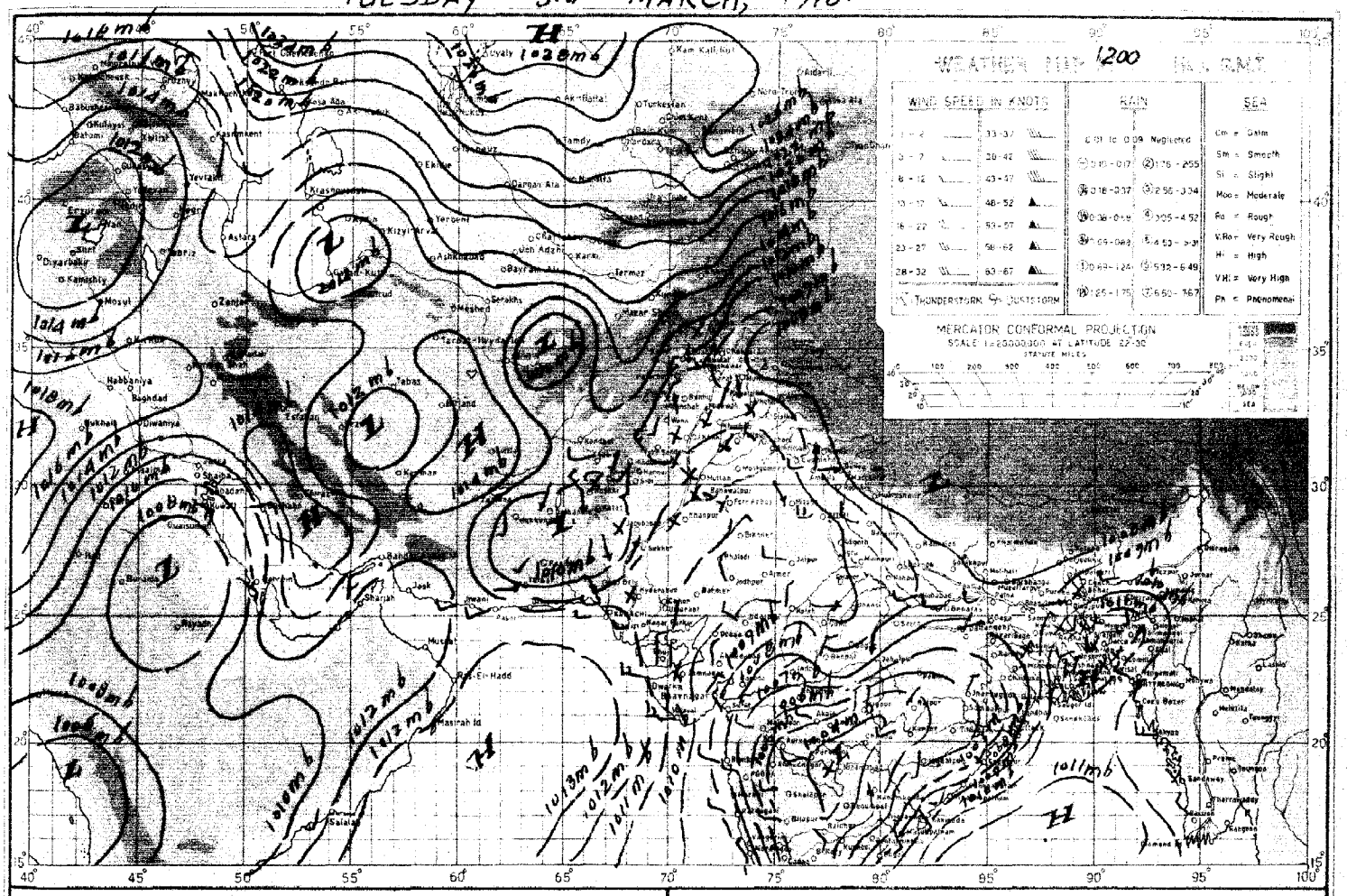
† The actual time of observations may vary within half an hour of the specified time.

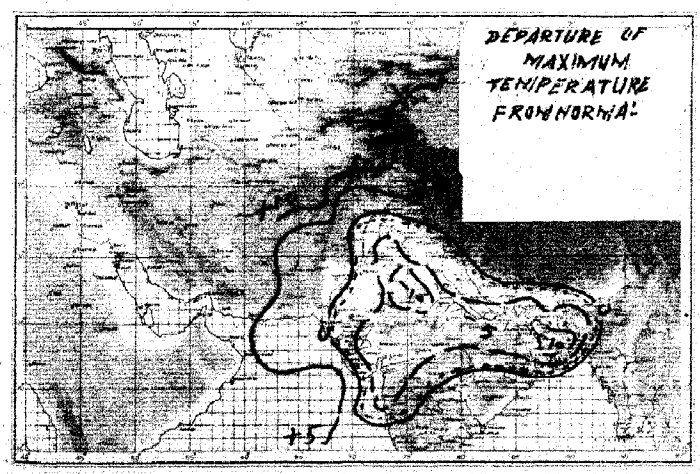
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

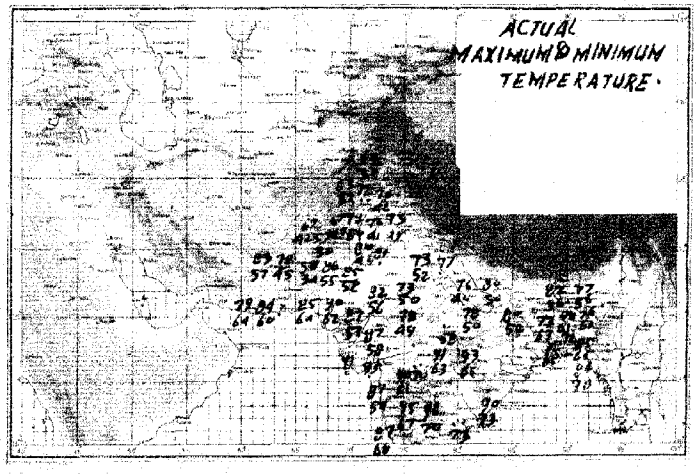
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (Air Port) KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd MARCH, 1970.




REG. No. 1024 RWKD 61-1,45,065-63.

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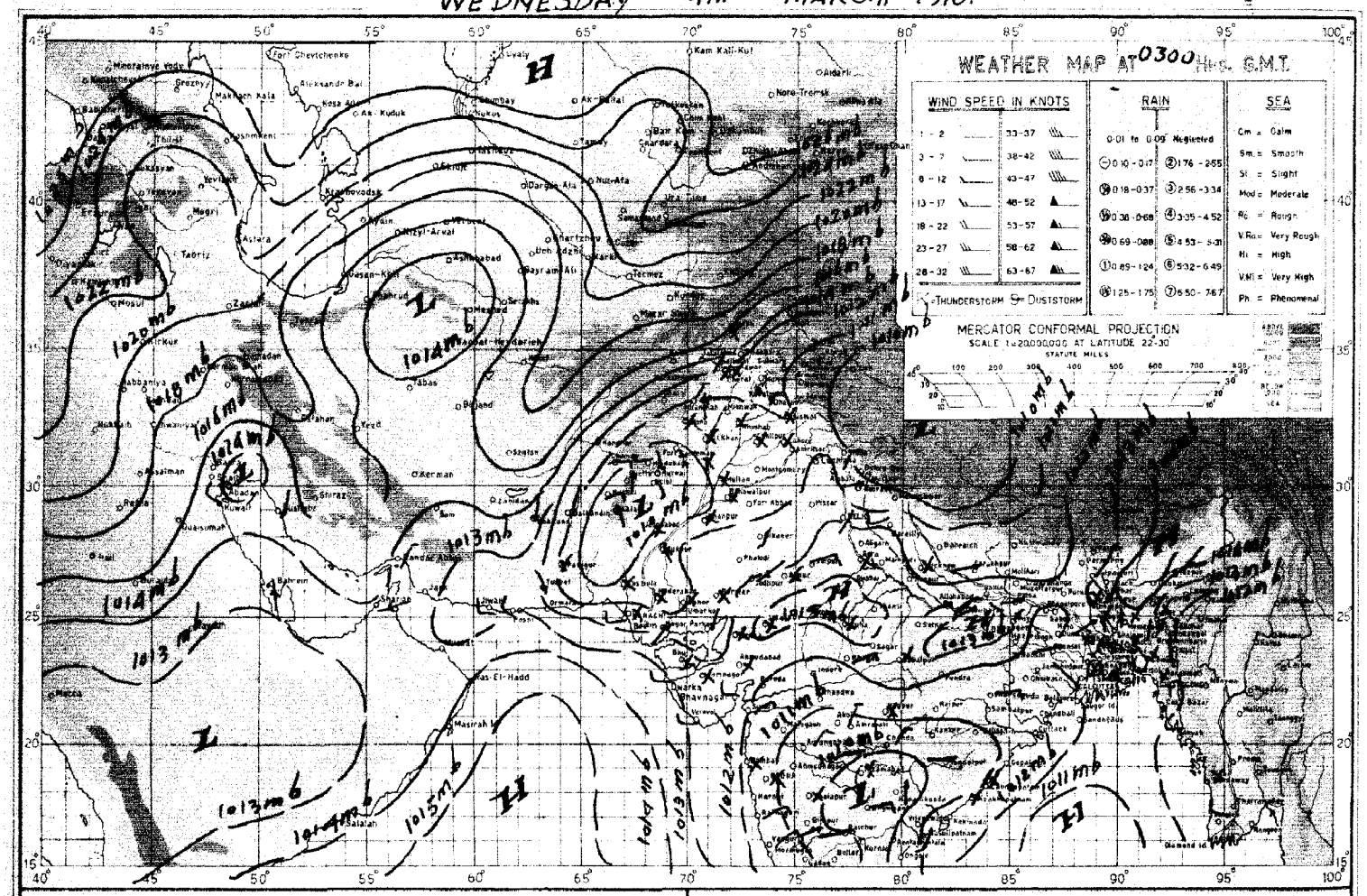
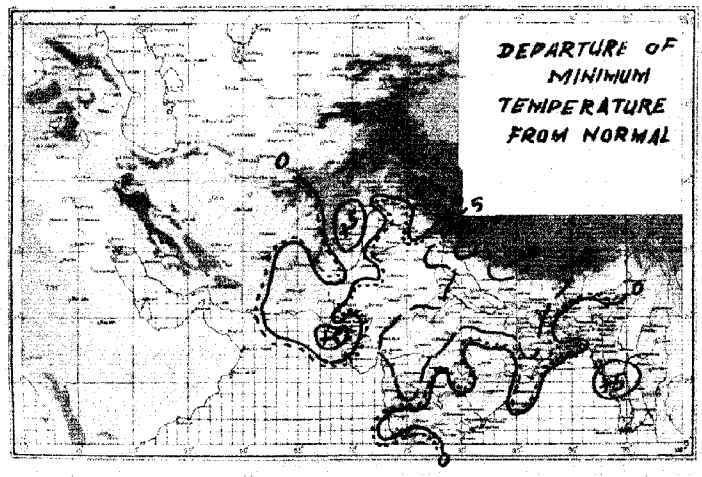
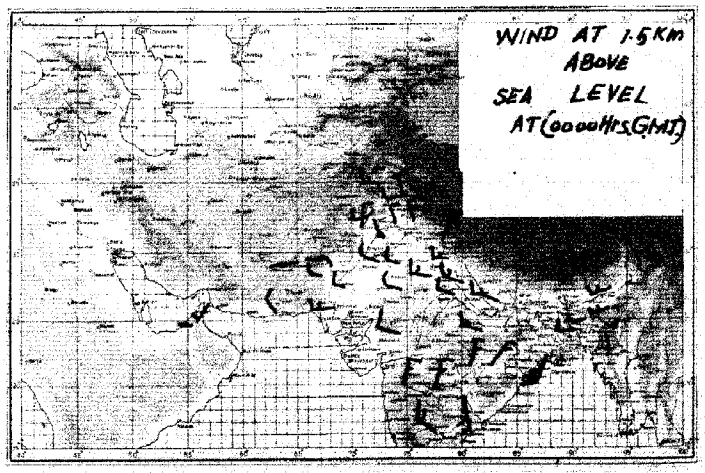
# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th MARCH, 1970.




REG. No. 1024 RWKD'61-1,45,005-63.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**THURSDAY THE 5th MARCH, 1970.**

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

Yesterday's trough of low pressure lies over Rajasthan.

The western disturbance over northeast Iran is moving across north of Afghanistan. Its secondary is moving across east Iran and adjoining west Pakistan.

Scattered rain occurred in Rawalpindi and Peshawar divisions. A few fall of rain drizzle occurred in Malakand divisions.

Yesterday's trough of low pressure over Orissa now lies over West Bengal and adjoining areas. Widespread rain/thundershowers have occurred in Khulna division fairly widespread in Dacca division and scattered in Chittagong and Rajshahi divisions.

Chief amounts of rainfall recorded in Khulna 1", Jessore ¾", Faridpur, Brahmanbaria and Pabna ½" each, Comilla, Narayanganj, Dacca and Campbulpur ¼" each.

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

**Forecast valid until the evening of 6th March 1970** :—Local rain/thundershowers East Pakistan, Peshawar, Rawalpindi, Malakand, Quetta and Kalat divisions, scattered elsewhere West Pakistan.

Karachi-11
The 5th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| Division | Stations | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Ww | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx | RRR | Ww | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 7 | 36 | 01 | 97 | 02 | 2 | 107 | 73 | 5 | 7 | 5 | 7 | / | 60 | 80 | 000 | 0 | 7 | 36 | 09 | 99 | 02 | 2 | 135 | 73 | 5 | 7 | 5 | 7 | / | 60 | 63 | — | — | 4.0 | — | 2.4 | — |
| | Cox's Bazar | 000 | 0 | 6 | 36 | 05 | 94 | 03 | 2 | 095 | 80 | 4 | 4 | 4 | 2 | 0 | 58 | 85 | 000 | 0 | 7 | 36 | 05 | 96 | 03 | 0 | 112 | 80 | 2 | 4 | 4 | 3 | 0 | 62 | 69 | — 0 | — 4 | 1.0 | — 4.2 | 0.3 | 146 |
| | Chittagong | 000 | 0 | 6 | 36 | 02 | 96 | 01 | 2 | 095 | 76 | 6 | 0 | 9 | 3 | 0 | 60 | 80 | 000 | 0 | 7 | 36 | 05 | 96 | 03 | 2 | 131 | 73 | 4 | 5 | 4 | 2 | 0 | 66 | 68 | — 3 | + 5 | 1.4 | — 3.3 | 0.6 | 108 |
| | Maidee Court | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 091 | 73 | 5 | 5 | 2 | 1 | 1 | 64 | 73 | 000 | 9 | 8 | 00 | 00 | 96 | 03 | 2 | 135 | 66 | 5 | 2 | 5 | 2 | / | 62 | 66 | — 11 | + 4 | 3.6 | — 0.1 | 9.2 | 115 |
| | Comilla | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 107 | 74 | 5 | 4 | 4 | 0 | 0 | 51 | 76 | 000 | 5 | 7 | 00 | 00 | 96 | 03 | 6 | 131 | 66 | 7 | 4 | 4 | / | / | 64 | 64 | — 10 | + 1 | 2.2 | — 1.4 | 1.7 | 94 |
| | Brahmanbaria | 000 | 9 | 6 | 00 | 00 | 96 | 02 | 1 | 102 | 64 | 6 | 9 | 5 | 0 | 0 | 44 | 77 | 040 | 0 | 8 | 18 | 02 | 96 | 02 | 1 | 130 | 68 | 8 | 0 | 9 | / | / | 64 | 64 | — | — | 2.5 | — 0.5 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 0 | 103 | 72 | 5 | 5 | 5 | 3 | 0 | 60 | 76 | 000 | 0 | 4 | 09 | 05 | 96 | 02 | 0 | 116 | 66 | 2 | 2 | 5 | 0 | 3 | 59 | 61 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | 000 | 9 | 6 | 18 | 02 | 96 | 02 | 1 | 103 | 72 | 3 | 5 | 5 | 7 | 2 | 60 | 80 | 005 | 2 | 7 | 09 | 00 | 96 | 95 | 9 | 121 | 66 | 4 | 9 | 4 | 7 | 2 | 62 | 59 | — 6 | + 2 | 3.2 | — 0.7 | 1.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 5 | 09 | 00 | 96 | 02 | 1 | 103 | 73 | 4 | 4 | 5 | 2 | 0 | 58 | 77 | 080 | 8 | 6 | 05 | 02 | 97 | 02 | 2 | 127 | 73 | 5 | 5 | 8 | 0 | 0 | 62 | 64 | — 4 | + 4 | 1.6 | — 0.8 | 1.3 | 91 |
| | Narayanganj | 080 | 0 | 8 | 08 | 00 | // | 03 | 2 | 100 | 76 | 8 | 6 | 4 | / | / | 73 | 85 | 020 | 0 | 8 | 11 | 02 | 97 | 03 | 2 | 131 | 68 | 8 | 6 | 3 | / | / | 64 | 66 | — 1 | + 2 | 2.9 | + 0.1 | 1.5 | 74 |
| | Dacca (Tejgaon) | 005 | 9 | 7 | 00 | 00 | 97 | 02 | 2 | 090 | 73 | 3 | 8 | 5 | 3 | 0 | 60 | 78 | 025 | 5 | 8 | 00 | 00 | 96 | 05 | 6 | 125 | 66 | 8 | 0 | 9 | 7 | 1 | 64 | 65 | — | — | 2.5 | — | 1.2 | — |
| | Faridpur | 003 | 0 | 8 | 34 | 02 | 96 | 02 | 2 | 111 | 72 | 7 | 5 | 5 | 1 | 0 | 63 | 77 | 066 | 1 | 8 | 00 | 00 | 97 | 00 | 2 | 120 | 69 | 6 | 4 | 5 | 1 | 0 | 66 | 62 | — 8 | + 1 | 3.6 | + 0.4 | 2.0 | 71 |
| Khulna | Barisal | 001 | 0 | 8 | 00 | 00 | 95 | 02 | 2 | 095 | 72 | 5 | 4 | 4 | 2 | 0 | 70 | 78 | 013 | 3 | 8 | 00 | 00 | 96 | 50 | 6 | 123 | 66 | 4 | 7 | 4 | 2 | 0 | 66 | 66 | — 11 | + 2 | 2.2 | — 1.3 | 1.2 | 81 |
| | Khulna | 009 | 0 | 4 | 31 | 03 | 97 | 02 | 0 | 104 | 73 | 2 | 2 | 5 | 0 | 0 | 68 | 73 | 180 | 4 | 6 | 31 | 05 | 97 | 02 | 2 | 117 | 64 | 4 | 2 | 5 | 0 | 0 | 67 | 64 | — 15 | 0 | 4.5 | + 1.6 | 3.1 | 68 |
| | Satkhira | 012 | 0 | 7 | 00 | 00 | 95 | 03 | 5 | 101 | 73 | 7 | 7 | 6 | 0 | 0 | 67 | 70 | 045 | 2 | 8 | 00 | 00 | 97 | 00 | 6 | 126 | 64 | 8 | 7 | 6 | 0 | 0 | 64 | 62 | — 19 | — 1 | 3.0 | — 0.5 | 2.8 | 68 |
| | Jessore | 080 | 0 | 8 | 34 | 02 | 96 | 02 | 2 | 111 | 72 | 7 | 5 | 5 | 1 | 0 | 63 | 77 | 075 | 4 | 7 | 15 | 05 | 97 | 21 | 9 | 124 | 64 | 2 | 6 | 3 | 7 | 0 | 62 | 77 | — 8 | — | 4.7 | + 1.7 | 3.6 | 65 |
| Rajshahi | Pabna | 080 | 8 | 6 | 23 | 02 | 97 | 01 | 2 | 095 | 76 | 2 | 4 | 7 | 9 | 0 | 63 | 77 | 040 | 7 | 7 | 13 | 02 | 98 | 01 | 9 | 117 | 68 | 7 | 7 | 7 | 0 | 0 | 66 | 60 | — | — | 4.0 | — | 3.0 | 58 |
| | Sirajgan | 080 | 0 | 8 | 00 | 00 | 93 | 02 | 2 | 084 | 73 | 8 | 6 | 7 | 7 | 0 | 68 | 76 | 010 | 9 | 8 | 09 | 00 | 97 | 02 | 2 | 123 | 69 | 7 | 0 | 7 | 4 | 0 | 64 | 62 | — 9 | + 3 | 2.2 | + 0.2 | 1.9 | 64 |
| | Rajshahi | 000 | 0 | 6 | 00 | 00 | 94 | 01 | 2 | 102 | 76 | 4 | 7 | 4 | 4 | 0 | 63 | 73 | 000 | 0 | 4 | 00 | 00 | 96 | 07 | 0 | 118 | 72 | 1 | 6 | 4 | 3 | 0 | 64 | 66 | — 13 | + 7 | 4.5 | + 2.6 | 1.6 | — |
| | Bogra | 000 | 0 | 7 | 13 | 02 | 96 | 03 | 0 | 099 | // | 2 | 5 | 4 | 3 | 0 | 60 | 78 | 000 | 0 | 3 | 13 | 02 | 96 | 01 | 0 | 115 | 72 | 0 | 0 | 9 | 3 | / | 68 | 64 | — 7 | + 5 | 2.7 | + 0.5 | 1.4 | 69 |
| | Dinajpur | 000 | 0 | 5 | 00 | 00 | 95 | 01 | 1 | 091 | 76 | 5 | 0 | 9 | 2 | 1 | 58 | 82 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 132 | 72 | 0 | 0 | 4 | 0 | 0 | 62 | 60 | — 3 | + 4 | 1.7 | + 0.1 | 0.9 | 72 |
| | Rangpur | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 1 | 102 | 67 | 3 | 0 | 9 | 1 | 0 | 59 | 82 | 000 | 0 | 3 | 15 | 05 | 96 | 03 | 0 | 125 | 71 | 3 | 0 | 9 | 1 | 0 | 64 | 56 | — 1 | 0 | 2.5 | — 0.9 | 1.0 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Intl Rd.) | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 076 | 76 | 0 | 0 | 9 | 0 | 0 | 49 | 77 | 000 | 0 | 3 | 13 | 02 | 96 | 02 | 0 | 124 | 60 | 2 | 0 | 9 | 3 | 1 | 46 | 52 | — 1 | + 4 | 1.7 | — 1.0 | 1.7 | 19 |
| | Sialkot | | | | | | | | | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | // | 77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | |
| | Islamabad | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | /// | 70 | 1 | 2 | 8 | 0 | 0 | 38 | 80 | 034 | 1 | 6 | 31 | 02 | 96 | 03 | 6 | /// | 56 | 2 | 4 | 6 | 4 | 1 | 30 | 52 | — | — | 5.8 | — | 5.8 | — |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 074 | 72 | 0 | 0 | 9 | 0 | 0 | 38 | 73 | 000 | 0 | 7 | 36 | 03 | 98 | 02 | 2 | 135 | 58 | 7 | 5 | 5 | 0 | 0 | 43 | 46 | + 2 | 0 | 5.5 | — 1.8 | 5.9 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | // | 98 | 00 | 0 | 074 | 73 | 0 | 0 | 9 | 0 | 0 | 51 | 78 | 080 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 120 | 56 | 0 | 0 | 9 | 0 | 0 | 40 | 45 | — 0 | — 5 | 1.5 | — 0.8 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 072 | 78 | 0 | 0 | 9 | 0 | 0 | 45 | 80 | 000 | 0 | 4 | 05 | 03 | 95 | 04 | 0 | 122 | 53 | 2 | 0 | 9 | 3 | 1 | 46 | 49 | — | — | 1.4 | — | 1.3 | — |
| | Lyallpur | 000 | 0 | 0 | 29 | 02 | 96 | 00 | 0 | 071 | 77 | 0 | 0 | 9 | 0 | 0 | 56 | 78 | 000 | 0 | 4 | 29 | 02 | 95 | 03 | 3 | 109 | 58 | 4 | 0 | 9 | 2 | 0 | 49 | 46 | + 1 | — 3 | 1.2 | — 0.2 | 0.3 | 12 |
| Multan | Sahiwal | 000 | 0 | 3 | 13 | 03 | 97 | 03 | 0 | 067 | 80 | 0 | 0 | 9 | 0 | 1 | 41 | 80 | 000 | 0 | 0 | 36 | 03 | 97 | 01 | 0 | 103 | 58 | 0 | 0 | 9 | 0 | 0 | 46 | 46 | + 2 | — 6 | 0.7 | — 0.5 | 0.7 | 18 |
| | Multan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| | Lodhi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 063 | 85 | 0 | 0 | 9 | 0 | 2 | 38 | 85 | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | 080 | 58 | 1 | 0 | 9 | 3 | 0 | 45 | 50 | + 2 | — 1 | 1.8 | — 1.0 | 1.5 | 6 |
| | Bahawalpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Fort Abbas | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 067 | 82 | 0 | 0 | 9 | 0 | 0 | 43 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 6 |
| Malakand | Chakdara | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 217 | 70 | 0 | 0 | 9 | 0 | 0 | 41 | 73 | 002 | 3 | 3 | 05 | 05 | 98 | 01 | 6 | 119 | 54 | 3 | 0 | 9 | 0 | 0 | 43 | 42 | — | — | 4.4 | — | 3.3 | — |
| Peshawar | Peshawar | 000 | 0 | 1 | 36 | 03 | 97 | 02 | 0 | 064 | 72 | 1 | 0 | 9 | 3 | 0 | 49 | 73 | 000 | 0 | 3 | 23 | 02 | 96 | 04 | 0 | 140 | 43 | 1 | 1 | 6 | 3 | 1 | 46 | 46 | + 2 | — 2 | 2.6 | — 1.7 | 2.0 | 11 |
| | Haripur | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 066 | 70 | 0 | 0 | 9 | 0 | 0 | 40 | 72 | 009 | 2 | 7 | 05 | 03 | 97 | 03 | 6 | 156 | 55 | 7 | 0 | 9 | 3 | 0 | 45 | 49 | — | — | 5.6 | — | 4.7 | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 09 | 02 | 99 | 00 | 0 | 046 | 76 | 0 | 0 | 9 | 0 | 0 | 32 | 76 | 000 | 0 | 6 | 05 | 01 | 98 | 03 | 0 | 126 | 54 | 6 | 2 | 7 | 0 | 0 | 46 | 49 | — | — | 1.9 | — | 4.4 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 072 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 80 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 124 | 59 | 0 | 0 | 9 | 0 | 0 | 46 | 54 | + 2 | + 4 | 6.9 | + 5.2 | 6.9 | 9 |
| Quetta | Sibi | 080 | 0 | 2 | 18 | 03 | 97 | 03 | 1 | 060 | 88 | 2 | 0 | 9 | 2 | 0 | 66 | 89 | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 094 | 56 | 0 | 0 | 9 | 0 | 0 | 58 | 53 | — | — | 0.3 | — | 0.3 | 8 |
| | Nokkundi | 080 | 0 | 3 | 18 | 03 | 96 | 03 | 0 | 057 | 83 | 3 | 0 | 9 | 3 | 0 | 43 | 84 | 000 | 0 | 4 | 36 | 03 | 96 | 03 | 0 | 093 | 59 | 4 | 3 | 7 | 0 | 0 | 41 | 57 | — | — | 1.8 | — | 1.8 | 8 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 104 | 83 | 0 | 0 | 9 | 0 | 0 | 46 | 83 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 125 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | // | — | — | 0.5 | — | 0.5 | — |
| | Jiwani | 000 | 0 | 0 | 27 | 10 | 96 | 02 | 0 | 088 | 78 | 0 | 0 | 9 | 0 | 0 | 46 | 80 | 000 | 0 | 6 | 27 | 07 | 96 | 02 | 1 | 078 | 73 | 6 | 6 | 5 | 0 | 0 | 68 | 70 | — | — | 8.7 | — | 7.9 | 8 |
| | panjgur | 000 | 0 | 0 | 25 | 02 | 97 | 02 | 0 | 080 | 80 | 0 | 0 | 9 | 0 | 0 | 77 | 89 | 000 | 0 | 0 | 29 | 09 | 97 | 02 | 0 | 077 | 65 | 0 | 0 | 9 | 0 | 0 | 60 | 60 | + 5 | + 1 | 2.5 | — 1.8 | 2.5 | 6 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Lasbela | /// | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 057 | 92 | 0 | 0 | 9 | 0 | 0 | 48 | 99 | 005 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 080 | 65 | 0 | 0 | 8 | 0 | 0 | 62 | 62 | — | — | — | — | — | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 07 | 97 | 02 | 0 | 090 | 77 | 0 | 0 | 9 | 0 | 0 | 69 | 79 | 003 | 0 | 6 | 27 | 09 | 96 | 03 | 0 | 091 | 74 | 6 | 7 | 4 | 0 | 0 | 69 | 71 | — 1 | + 5 | 0.5 | — 0.7 | 0.5 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 1 | 073 | 83 | 0 | 0 | 9 | 0 | 0 | 58 | 84 | 000 | 0 | 4 | 25 | 02 | 96 | 03 | 0 | 083 | 72 | 4 | 6 | 5 | 0 | 0 | 66 | 65 | — | — | 0.6 | — | 0.6 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 03 | 0 | 141 | 84 | 0 | 0 | 9 | 0 | 0 | 42 | 82 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 123 | 62 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 2 | 33 | 02 | 96 | 01 | 0 | 109 | 87 | 0 | 0 | 9 | 1 | 1 | 38 | 90 | 000 | 0 | 4 | 18 | 03 | 96 | 03 | 0 | 079 | 65 | 4 | 4 | 4 | 0 | 0 | 63 | 59 | — | — | 0.1 | — | 0.1 | 7 |
| | Hyderabad | 000 | 0 | 1 | 31 | 03 | 97 | 01 | 1 | 063 | 90 | 1 | 2 | 6 | 0 | 0 | 32 | 93 | 000 | 0 | 2 | 20 | 02 | 97 | 03 | 0 | 079 | 67 | 0 | 0 | 9 | 0 | 1 | 63 | 65 | + 5 | + 6 | 0.5 | — 0.1 | 0.5 | 9 |
| | Badin | 000 | 0 | 4 | 27 | 03 | 97 | 03 | 0 | 113 | 91 | 0 | 0 | 9 | 0 | 4 | 49 | 92 | 000 | 0 | 0 | 23 | 06 | 97 | 02 | 0 | 104 | 68 | 0 | 0 | 9 | 0 | 0 | 65 | 67 | + 3 | + 8 | 0.1 | — 0.9 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 0 | 059 | 87 | 1 | 1 | 7 | 8 | 0 | 34 | 90 | 000 | 0 | 0 | 13 | 03 | 96 | 03 | 0 | 071 | 57 | 0 | 0 | 9 | 0 | 0 | 47 | 52 | — | — | 0.3 | — | 0.3 | — |
| | Nawabshah | 000 | 0 | 1 | 31 | 03 | 96 | 00 | 0 | 069 | 89 | 1 | 0 | 9 | 1 | 0 | 38 | 91 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 074 | 57 | 0 | 0 | 9 | 0 | 0 | 47 | 53 | — | — | 0.1 | — | 0.1 | 4 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 048 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 90 | 000 | 0 | 0 | 18 | 02 | 95 | 05 | 4 | 080 | 62 | 0 | 0 | 9 | 0 | 5 | 53 | 59 | — | — | 0.7 | — | 0.7 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 060 | 88 | 0 | 0 | 9 | 3 | 0 | 51 | 89 | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 075 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 56 | + 5 | + 1 | 2.0 | — 1.1 | 1.9 | 10 |
| Frontier | Varavai | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Bilaspur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Allahabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 1 | 439 | 64 | 1 | 1 | 7 | 6 | 0 | 20 | 70 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 498 | 40 | 0 | 0 | 9 | 0 | 0 | 30 | 38 | + 17 | + 1 | 2.4 | — | 1.8 | 29 |
| Peshawar | Chitral | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 13 | 05 | 98 | 01 | 1 | 491 | 49 | 0 | 0 | 9 | 0 | 0 | 36 | 46 | — | + 2 | 4.3 | — 3.7 | 3.7 | — |
| | Kohat | 000 | 0 | 1 | 23 | 05 | 99 | 03 | 0 | 449 | 63 | 1 | 1 | 7 | 0 | 0 | 27 | 64 | 010 | 1 | 8 | 13 | 03 | 96 | 03 | 6 | 495 | 45 | 8 | 7 | 5 | / | / | 40 | 45 | — | — | 10.5 | — | 9.5 | — |
| | Landikotal | 000 | 0 | 8 | 05 | 05 | 98 | 02 | 0 | /// | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 70 | 000 | 0 | 8 | 36 | 02 | 98 | 02 | 0 | 616 | 46 | 0 | 0 | 9 | 0 | 0 | 38 | 36 | — | — | 4.4 | — | 3.5 | 29 |
| | Peshawar | 000 | 0 | 2 | 06 | 03 | 98 | 02 | 0 | 445 | 59 | 1 | 2 | 6 | 0 | 1 | // | 63 | 000 | 0 | 1 | 00 | 00 | 98 | 03 | 0 | 467 | 41 | 1 | 5 | 6 | 0 | 1 | 16 | 38 | + 9 | + 4 | 4.2 | — | 3.6 | 13 |
| D.I. Khan | Miranshah | 000 | 0 | 8 | 05 | 05 | 99 | 00 | 0 | 443 | 72 | 0 | 0 | 9 | 0 | 0 | 43 | 78 | 000 | 0 | 8 | 05 | 05 | 99 | 00 | 0 | 449 | 32 | 0 | 0 | 9 | 0 | 0 | 38 | 46 | — | — | 0.1 | — 4.2 | 0.1 | 11 |
| | Wana | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 1 | 33 | 03 | 98 | 03 | 0 | 447 | 67 | / | / | / | / | / | // | 68 | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 469 | 51 | 0 | 0 | 9 | 0 | 0 | 29 | 48 | + 3 | + 4 | 1.5 | — 1.2 | 1.5 | — |
| | Hindubagh | 000 | 0 | 0 | 23 | 09 | 97 | 02 | 0 | /// | 48 | 0 | 0 | 9 | 0 | 0 | 15 | 50 | 000 | 0 | 0 | 00 | 06 | 97 | 02 | 0 | /// | 25 | 0 | 0 | 9 | 0 | 0 | 22 | 25 | — | — | 1.3 | — | 1.1 | 9 |
| | Loralai | 000 | 0 | 0 | 18 | 04 | 98 | 38 | 0 | 469 | 59 | 0 | 0 | 9 | 0 | 0 | 46 | 62 | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 190 | 35 | 0 | 0 | 9 | 0 | 0 | 25 | 36 | — | — | 0.4 | — | 0.3 | — |
| | Barkhan | 000 | 0 | 0 | 31 | 05 | 97 | 03 | 0 | 446 | 71 | 0 | 0 | 9 | 0 | 0 | 11 | 71 | 000 | 0 | 0 | 31 | 05 | 98 | 03 | 0 | 446 | 38 | 0 | 0 | 9 | 0 | 0 | 31 | 51 | — | — | 0.3 | — | 0.3 | 14 |
| | Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 438 | 74 | 0 | 0 | 9 | 0 | 0 | 44 | 76 | 000 | 0 | 0 | 31 | 03 | 96 | 03 | 0 | 439 | 56 | 0 | 0 | 9 | 0 | 0 | 31 | 51 | — | — | 1.8 | 1.5 | 1.8 | 9 |
| | Sanjangli (Quetta) | 000 | 0 | 4 | 27 | 10 | 97 | 03 | 0 | 477 | 63 | 4 | 0 | 9 | 9 | 1 | 38 | // | 000 | 0 | 0 | 10 | 03 | 96 | 04 | 0 | 474 | 34 | 0 | 0 | 9 | 0 | 0 | 29 | 31 | — | — | 2.6 | — 3.0 | 1.9 | 9 |
| | Chaman | 000 | 0 | 4 | 27 | 03 | 97 | 00 | 0 | 498 | 68 | 0 | 0 | 9 | 0 | 0 | 46 | 69 | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 497 | 51 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | + 4 | + 3 | 7.7 | + 2.4 | 3.3 | — |
| | Nushki | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 512 | 73 | 0 | 0 | 9 | 0 | 0 | 37 | 74 | 000 | 0 | 0 | 00 | 06 | 97 | 02 | 0 | 498 | 56 | 0 | 0 | 9 | 0 | 0 | 38 | 51 | — | — | 3.1 | — | 3.0 | 4 |
| | Dalbandin | 000 | 0 | 2 | 09 | 03 | 98 | 03 | 0 | 477 | 76 | 0 | 0 | 9 | 0 | 0 | 50 | 78 | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 451 | 58 | 0 | 0 | 9 | 0 | 0 | 37 | 45 | + 6 | 0 | 2.2 | — 0.4 | 2.3 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 2 | 459 | 56 | 0 | 0 | 9 | 0 | 0 | 30 | 59 | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 471 | 36 | 0 | 0 | 9 | 0 | 0 | 26 | 34 | + 1 | — 1 | 1.5 | — 2.3 | 1.5 | — |
| | Khuzdar | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 445 | 72 | 0 | 0 | 9 | 0 | 0 | // | 77 | 000 | 0 | 0 | 00 | 00 | 96 | 07 | 0 | 449 | 51 | 0 | 0 | 9 | 0 | 0 | 26 | 48 | — | — | 1.7 | — | 1.4 | — |
| | Panjgur | 000 | 0 | 1 | 31 | 05 | 96 | 01 | 0 | 471 | 77 | 2 | 5 | 7 | 0 | 0 | 16 | 80 | 000 | 0 | 2 | 05 | 03 | 96 | 03 | 0 | 443 | 51 | 2 | 0 | 9 | 3 | 0 | 26 | 50 | + 8 | + 5 | 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 over999 is given RRR see the summary above for the actual amounts of rainfall

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 5th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_dT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Dwarka | 99 2 41 | 10 5 88 | 04 1 23 | 22 4 10 | 99 0 20 | 12 8 23 | 20 9 00 | 34 5 00 | | | 01 0 21 | ... | 30 5 01 | |
| Ceres | 99 2 35 | 10 5 99 | 04 1 04 | 09 9 05 | 97 8 09 | 11 4 24 | 85 5 73 | 33 2 05 | | | 05 1 23 | 12 4 50 | 3/ / // | |
| Dumra | 99 2 39 | 10 6 71 | 03 1 83 | 02 7 22 | 99 0 29 | 10 1 23 | 09 9 00 | 43 0 00 | | | 03 1 28 | ... | 3/ / // | |
| Anshun | 99 0 97 | 10 6 39 | 04 1 03 | 10 7 10 | 98 0 20 | 13 1 27 | 11 4 00 | 24 3 15 | | | 00 0 20 | 12 7 35 | 30 2 02 | |
| Nikolaynekagsov | 99 1 93 | 10 5 03 | 04 0 60 | 12 1 02 | 98 0 20 | 46 7 25 | 11 5 00 | 12 2 10 | | | ... | 12 8 02 | 3/ / 04 | |

**UPPER AIR DATA**

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 007 206 33 | ... | 440 122 36 | 075 026 15 | 573 133 16 | 741 217 48 | 948 345 56 | 233 481 // | 406 623 // | ... | ... | ... | ... |
| Dacca | 00 00 | 009 201 15 | ... | 425 112 50 | 060 016 50 | 569 137 57 | 736 241 14 | 939 275 50 | 213 491 // | 397 610 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 005 200 29 | ... | 450 104 47 | 032 021 // | 567 115 // | 735 225 // | 941 851 // | 216 455 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 994 140 5 | ... | 400 164 61 | 048 031 // | 561 241 // | 700 351 // | 917 425 // | 197 465 // | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 976 100 22 | ... | 480 076 36 | 026 047 44 | 561 201 // | 724 271 // | 925 393 // | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 937 120 57 | ... | 380 100 58 | 966 020 50 | 555 201 // | 717 291 // | 914 375 // | 189 451 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed ($P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$) | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 166 34 | 800 090 14 | 600 021 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 130 44 | 800 061 50 | 680 061 33 | 350 315 50 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

**UPPER WIND DATA**

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 160 07 | 245 06 | 265 19 | 255 26 | 265 19 | 290 07 | ... | ... | ... |
| Bogra | 175 03 | 175 03 | 215 05 | 265 12 | 245 15 | ... | | ... | ... |
| Chaklala | ... | 175 03 | 180 05 | 255 03 | 295 04 | 305 12 | 310 14 | 315 24 | 305 29 |
| Chhor | 190 05 | 190 07 | 215 07 | 230 04 | 235 11 | 270 09 | 290 21 | 295 20 | 290 21 |
| Chittagong | 025 05 | 350 05 | 295 07 | 270 06 | 240 10 | 255 03 | 250 26 | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 010 17 | 025 17 | 040 15 | 055 12 | ... | ... | ... | ... | |
| Dacca | 350 05 | 360 04 | 250 06 | 260 05 | 275 11 | ... | ... | ... | |
| Dalbandin | ... | ... | 145 08 | 140 07 | 310 09 | 010 14 | 330 13 | 320 16 | 310 19 |
| D. I. Khan | 155 06 | 140 06 | 145 07 | /// // | 315 15 | 300 10 | 320 15 | 340 20 | 330 19 |
| Drosh | ... | ... | ... | 245 04 | 200 03 | 325 03 | 305 02 | 305 08 | |
| Fort Sandeman | ... | ... | ... | 220 03 | 330 04 | 320 15 | 335 17 | 310 17 | 315 29 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ishurdi | 220 04 | 230 06 | 260 12 | 245 17 | ... | ... | ... | ... | |
| Jacobabad | 290 03 | 270 03 | 295 07 | 305 08 | 295 08 | 335 04 | 300 13 | 300 21 | 295 15 |
| Jessore | 010 01 | 335 03 | 270 09 | 230 18 | 215 20 | 225 21 | ... | ... | ... |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jiwani | 250 17 | 260 15 | 265 13 | 270 14 | 210 14 | 305 15 | 290 17 | 300 24 | 310 25 |
| Karachi | 280 12 | 280 15 | 280 17 | 295 16 | 315 17 | 305 19 | 320 27 | 310 16 | 285 18 |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | |
| Khuzdar | ... | ... | | 320 12 | 310 15 | 300 12 | 305 14 | 310 37 | 310 38 |
| Lahore | 240 05 | 225 05 | 240 03 | 300 03 | 300 11 | 300 20 | 320 13 | 305 28 | 305 27 |
| Multan | 130 12 | 135 15 | 135 16 | 240 10 | 215 04 | 280 09 | 335 29 | 350 31 | 320 36 |
| Nawab Shah | 260 02 | 245 03 | 280 04 | 315 04 | 300 05 | 300 11 | 290 18 | 285 21 | 290 28 |
| Nokkundi | ... | ... | 190 06 | 205 02 | 220 02 | ... | ... | ... | |
| Panjgur | ... | ... | ... | 305 08 | 315 07 | 315 10 | 330 15 | 335 10 | 325 11 |
| Peshawar | ... | 050 04 | 145 06 | 185 09 | 260 19 | 285 22 | 330 24 | 310 27 | 305 35 |
| Parachinar | ... | ... | ... | 300 // | 330 14 | 310 37 | 330 20 | /// // | 310 26 |
| Quetta | ... | | | /// // | 305 08 | 320 08 | 305 12 | 220 14 | 315 14 |
| Sargodha | 225 03 | 225 04 | 200 03 | 180 05 | 250 05 | 345 07 | 310 19 | 300 25 | 300 28 |
| Skardu | ... | ... | ... | 250 05 | /// // | 275 13 | 250 07 | ... | ... |
| Sylhet | 140 04 | 145 06 | 145 07 | 250 23 | 240 29 | 250 21 | | ... | ... |
| Veraval | ... | ... | . | ... | ... | . | ... | ... | ... |

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 360 07 | 040 05 | 035 05 | ... | | ... |
| Bogra | 155 06 | 135 02 | 045 05 | 335 08 | 315 09 | 285 21 |
| Chaklala | ... | 265 08 | 130 09 | 130 09 | 255 07 | 205 07 |
| Chhor | 255 15 | 260 20 | 270 26 | 290 03 | 355 09 | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... |
| Dacca | ... | ... | | | ... | ... |
| Dalbandin | ... | | 070 05 | 055 12 | 015 09 | 350 10 |
| D. I. Khan | 085 07 | 095 10 | 150 09 | 220 06 | 275 13 | 275 15 |
| Drosh | ... | ... | . | 135 01 | 010 03 | 035 08 |
| Fort Sandeman | ... | ... | . | 045 05 | 345 10 | 020 12 |
| Gilgit | ... | ... | | | | ... |
| Ishurdi | 170 06 | 120 04 | 035 08 | 050 11 | 325 09 | ... |
| Jacobabad | 140 06 | 195 05 | 215 05 | 300 03 | 340 02 | 230 12 |
| Jessore | No | Ascent | | ... | ... | ... |
| Jhelum | 355 05 | 115 09 | 135 12 | 140 08 | ... | ... |
| Jiwani | 265 17 | ... | ... | | ... | ... |
| Karachi | ... | | ... | | ... | ... |
| Khanpur | ... | — | ... | | | |
| Khuzdar | | | | 315 05 | 315 09 | 300 08 |
| Lahore | 305 05 | 305 06 | 325 07 | 340 02 | 335 07 | 310 10 |
| Multan | 100 05 | 130 06 | 165 06 | 225 03 | 320 03 | 255 05 |
| Nawab Shah | 195 06 | 200 05 | 315 12 | 275 15 | 275 05 | 275 11 |
| Nokkundi | | | 055 08 | 015 07 | 340 07 | 300 10 |
| Panjgur | ... | | | 010 09 | 023 12 | 035 06 |
| Peshawar | ... | 320 04 | 320 04 | /// // | 290 04 | 295 09 |
| Parachinar | ... | ... | ... | 215 06 | 105 03 | |
| Quetta | ... | — | | /// // | 36. 47 | 325 21 |
| Sargodha | 125 01 | 110 08 | 125 08 | 100 04 | 250 05 | 275 06 |
| Skardu | | | | | ... | ... |
| Sylhet | 040 02 | 360 01 | 250 05 | 170 02 | ... | ... |
| Veraval | . | ... | ... | — | ... | — |

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 140 18 | 145 09 | 150 21 | 160 11 | 180 12 | 190 13 | ... | ... | ... | ... | ... |
| Bogra | 145 03 | 130 06 | 125 08 | | ... | | ... | ... | ... | ... | . |
| Chaklala | ... | 045 15 | 055 19 | 090 09 | 205 09 | 270 // | ... | ... | | ... | ... |
| Chhor | 240 05 | 245 07 | 240 // | 235 10 | 270 04 | 225 03 | 245 10 | 270 16 | 250 10 | 275 26 | 290 45 |
| Chittagong | 335 15 | 340 17 | 335 10 | 015 05 | 210 09 | 220 17 | ... | ... | ... | ... | ... |
| Cherat | | | | | | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 330 12 | 325 12 | 335 12 | 330 17 | 250 52 | ... | ... | ... | ... | ... | ... |
| Dacca | 120 08 | 130 08 | 130 08 | 185 07 | 320 09 | 245 10 | 260 25 | | ... | | ... |
| Dalbandin | ... | ... | 075 01 | 105 05 | 075 20 | 335 04 | 340 11 | 345 08 | 230 // | 270 10 | 280 19 |
| D. I. Khan | 065 05 | 120 07 | 155 12 | 145 13 | 130 13 | 135 09 | 175 08 | 230 15 | 255 18 | 270 23 | 280 20 |
| Drosh | ... | ... | ... | 045 05 | 015 11 | 350 08 | 260 05 | 330 12 | 320 13 | 305 23 | 280 42 |
| Fort Sandeman | ... | ... | ... | 035 08 | 030 12 | 080 05 | 235 14 | 220 19 | 235 22 | 285 21 | 315 38 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 140 07 | 090 07 | 095 06 | 350 09 | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 130 10 | 145 07 | 165 05 | 155 06 | 150 01 | 140 05 | 300 07 | 285 15 | 260 21 | 300 23 | 295 33 |
| Jessore | 140 08 | 135 05 | 105 04 | 340 03 | 290 08 | | ... | ... | ... | | ... |
| Jhelum | 345 02 | 355 04 | 100 09 | 140 04 | 185 05 | 125 06 | 240 15 | 270 17 | 265 20 | 290 29 | 290 29 |
| Jiwani | 255 09 | 295 05 | 310 05 | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi | | | | | | | | | ... | | ... |
| Khanpur | 235 09 | 230 07 | 200 07 | 230 08 | 220 03 | 340 08 | 360 13 | 005 13 | ... | | |
| Khuzdar | ... | ... | — | 290 05 | 350 07 | 115 03 | 345 17 | 335 15 | 320 13 | 285 10 | 270 15 |
| Lahore | ... | ... | | | | ... | ... | | | | |
| Multan | 040 07 | 140 23 | 140 27 | 120 05 | 110 26 | 090 13 | 250 20 | 210 26 | 225 27 | 280 30 | 285 47 |
| Nawab Shah | 350 03 | 060 03 | 065 05 | 275 02 | 230 10 | 330 07 | 255 07 | 255 10 | 260 10 | ... | ... |
| Nokkundi | .. | — | 120 04 | 115 08 | 075 03 | 030 02 | 225 10 | ... | | | |
| Panjgur | . | | . | 195 04 | 185 04 | 220 04 | 345 06 | 360 08 | 330 09 | 285 16 | 290 15 |
| Peshawar | ... | 355 02 | 130 07 | 120 13 | 105 10 | 040 03 | 080 10 | ... | . | ... | ... |
| Parachinar | ... | ... | — | 130 04 | 155 03 | 290 17 | | | | | |
| Quetta | | ... | | /// // | 340 02 | 320 07 | 250 03 | 280 07 | 290 // | 275 42 | 290 26 |
| Sargodha | 045 03 | 130 07 | 130 07 | 085 04 | 020 04 | 270 05 | 275 20 | 285 19 | 290 17 | 310 11 | 285 33 |
| Skardu | | | | ... | | | | — | ... | — | ... |
| Sylhet | 130 08 | 135 11 | 120 08 | 120 07 | 235 03 | 240 14 | 280 35 | ... | .. | ... | ... |
| Veraval | — | ... | ... | ... | ... | — | — | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 245 19 | 270 23 | 260 24 | 270 23 | 270 17 | 290 08 | 295 12 | 280 18 | 265 23 | 265 31 | 265 47 | 271 19 | 271 16 | ... | ... | ... | ... | ... |
| Multan | 100 05 | 130 06 | 165 06 | 235 03 | 320 03 | 255 05 | 290 33 | 290 23 | 270 22 | 270 23 | 275 43 | 290 74 | ... | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

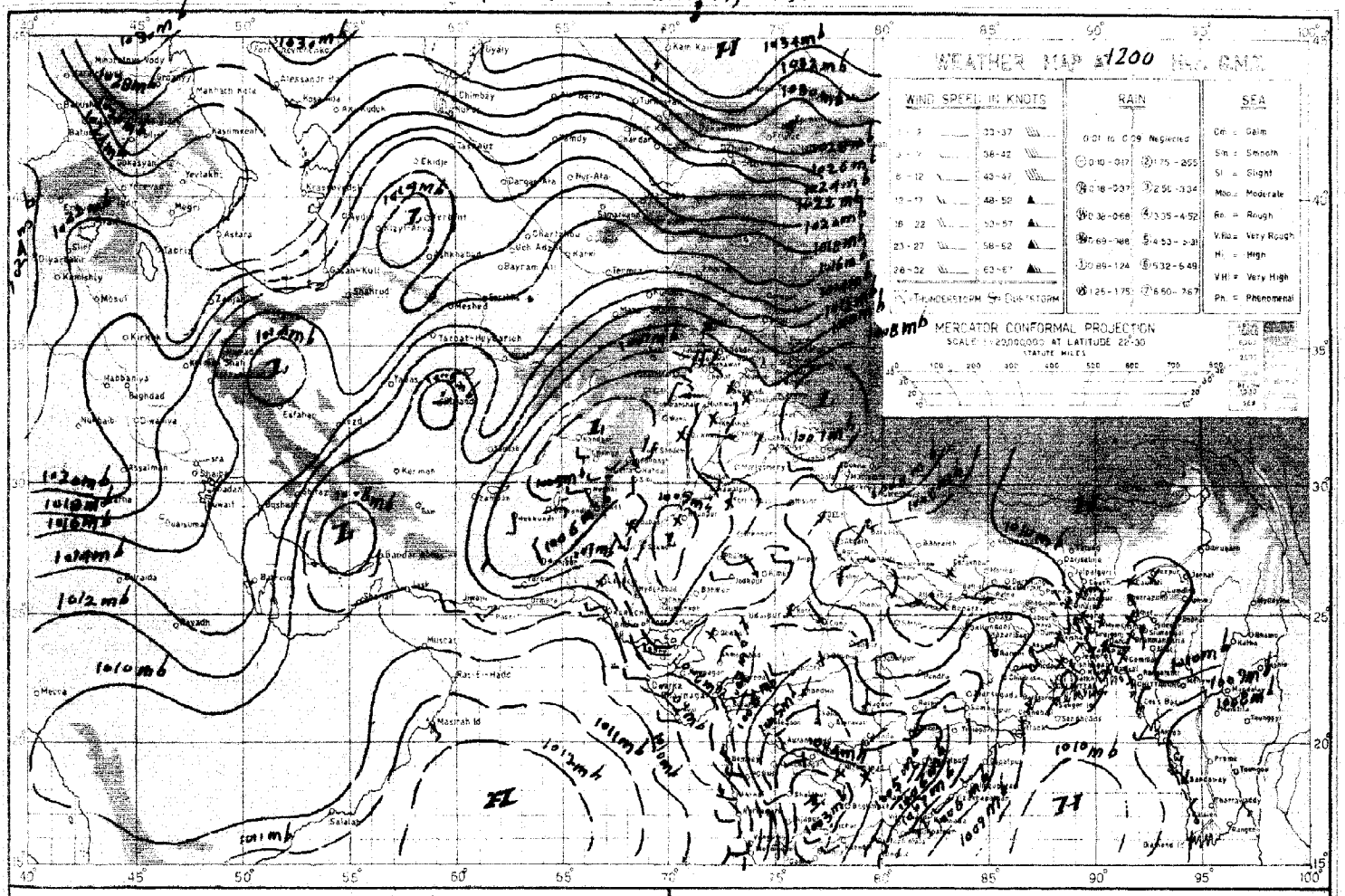
† The actual time of observations may vary within half an hour of the specified time.

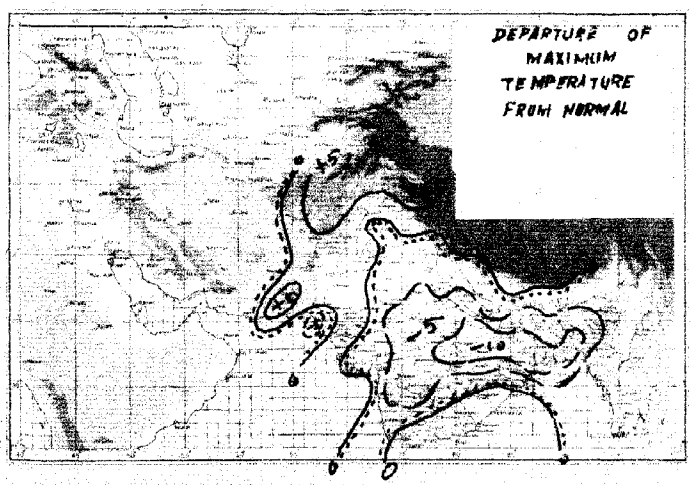
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "f" omitted.

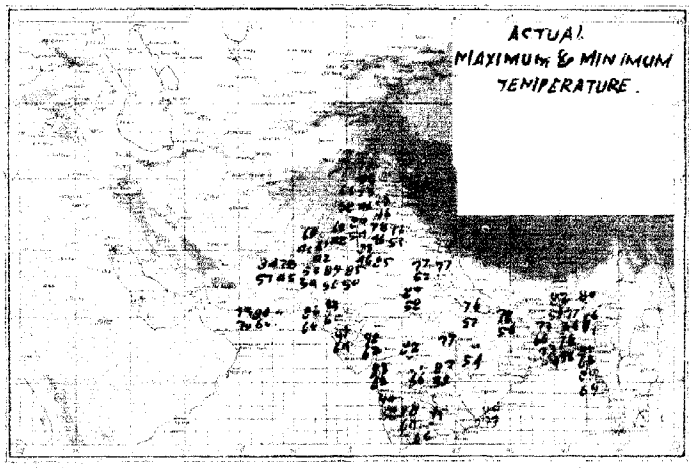
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th MARCH, 1970

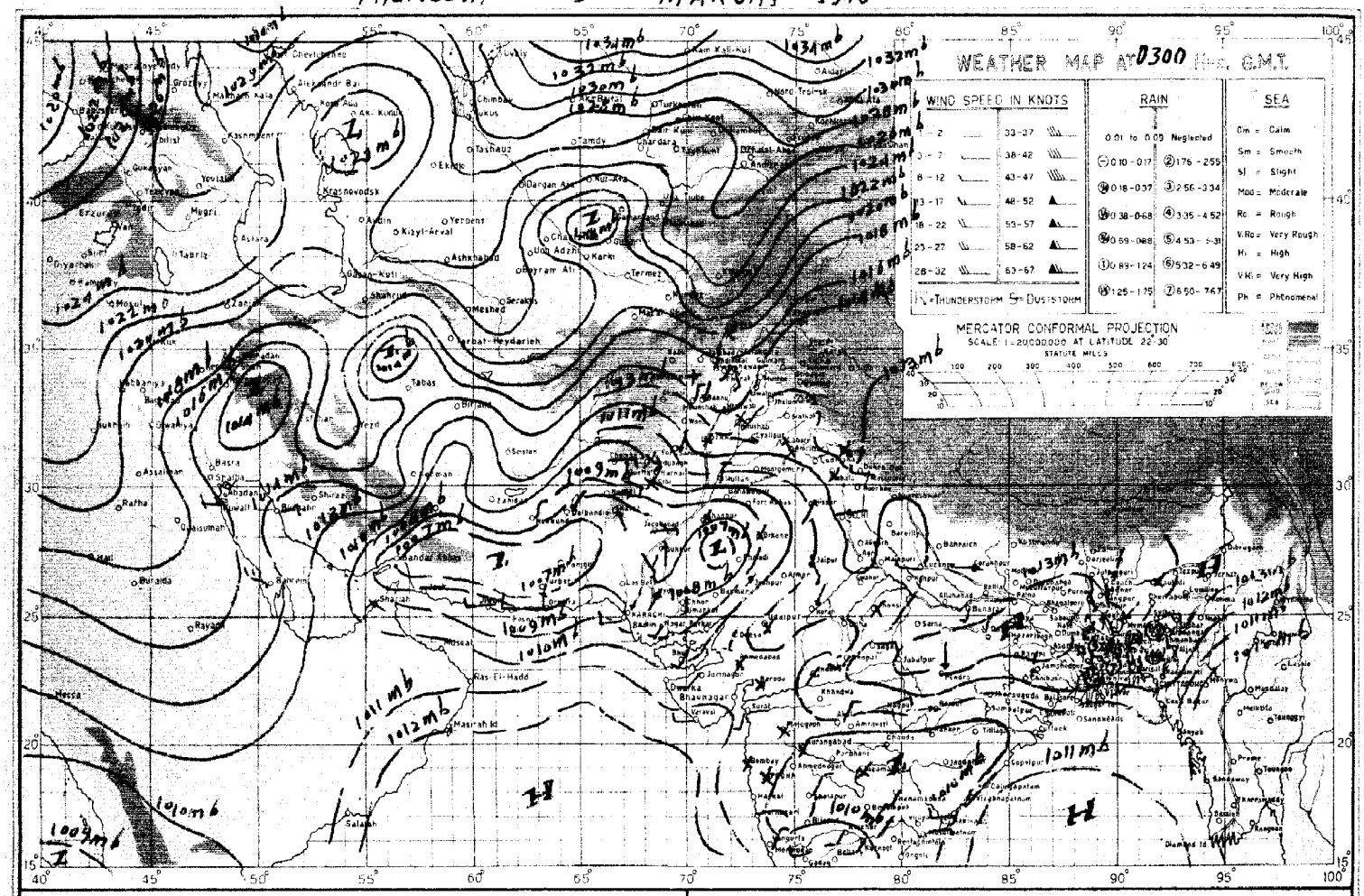


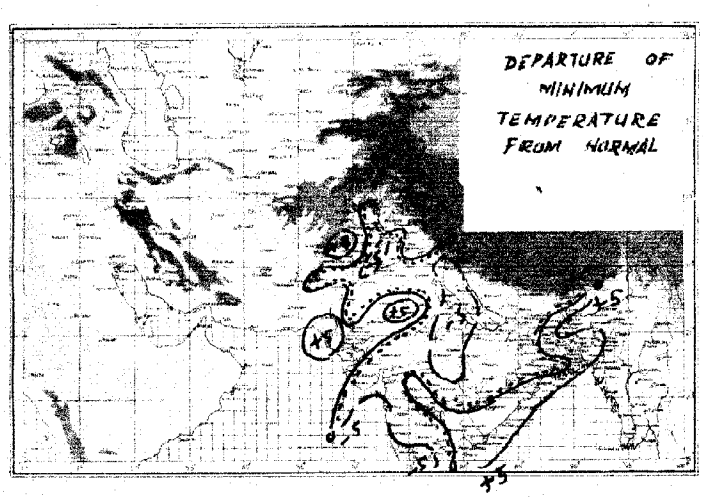



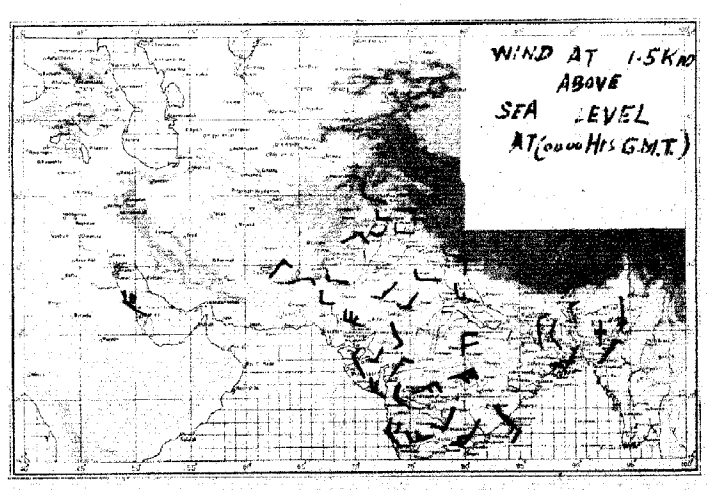



# PAKISTAN DAILY WEATHER MAP

THURSDAY 5th MARCH, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 6th MARCH, 1970.**

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

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

The western disturbance north of Afghanistan has moved away northeastwards. Its secondary now lies over the southern and western divisions of west Pakistan and adjoining Iran and Afghanistan. The system has caused scattered rain/thundershowers in Rawalpindi, Karachi and Hyderabad divisions with a few moderate to heavy falls in the last two divisions and slight rain at a few places in Peshawar division. A few dust/thunderstorms were also reported from coastal Kalat division.

Yesterday's trough of low pressure over west Bengal now lies over the northern division of East Pakistan. Scattered rain occurred in Rajshahi division and a few light showers in Chittagong and Khulna divisions.

Chief amounts of rainfall are Umarkot 2", Karachi (Airport) 1" and Rawalpindi ½".

Night temperatures were 3—6 °F (2—3 °C) above normal in Rajshahi, Lahore, Bahawalpur, Malakand, Hyderabad and Khairpur divisions and 3—7 °F (2—4 °C) below normal in Chittagong, Rawalpindi and Peshawar divisions.

**Forecast valid until the evening of 7th March 1970 :**— Fairly widespread rain/thundershowers are likely to occur in Kalat and Quetta divisions local in Hyderabad, Khairpur, Bahawelpur and Multan divisions and scattered elsewhere in west Paksitan and in Khulna and Chittagong divisions.

**Earth Quake Report** Seismograph of Geophysical centre Quetta recorded and earthquake of moderate intensity on 5th March 1970 at 2300 hrs. 36 minutes W.P.S.T. The epicentre lies about 580 miles northeast of Quetta near Kangra Hills in Northwestern India.

Karachi-11
The 6th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 002 | 5 | 6 | 36 | 02 | 96 | 02 | 2 | 124 | 70 | 5 | 7 | 5 | 7 | 0 | 65 | // |
| | Cox's Bazar | — | 000 | 0 | 6 | 36 | 10 | 96 | 03 | 0 | 108 | 77 | 5 | 6 | 4 | 3 | 0 | 62 | 86 |
| | Chittagong | — | 007 | 0 | 8 | 05 | 02 | 96 | 50 | 5 | 114 | 72 | 4 | 4 | 9 | 2 | 0 | 70 | 76 |
| | Maijdee Court | — | 005 | 9 | 8 | 16 | 05 | 96 | 03 | 2 | 103 | 70 | 5 | 5 | 2 | 2 | 1 | 62 | 70 |
| | Comilla | — | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 106 | 72 | 7 | 4 | 4 | 0 | 0 | 66 | 72 |
| | Brahmanbaria | — | 000 | 0 | 7 | 18 | 02 | 96 | 02 | 1 | 107 | 72 | 7 | 0 | 5 | 2 | 0 | 65 | 74 |
| | Sylhet | — | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 1 | 102 | 72 | 2 | 5 | 5 | 2 | 0 | 62 | 77 |
| | Srimangal | — | 000 | 5 | 7 | 00 | 00 | 96 | 02 | 9 | 110 | 72 | 4 | 8 | 5 | 7 | 2 | 59 | 76 |
| Dacca | Mymensingh | — | 000 | 0 | 6 | 00 | 00 | 95 | 02 | 2 | 104 | 76 | 6 | 4 | 5 | 0 | 0 | 60 | 76 |
| | Narayanganj | — | 000 | 0 | 8 | 13 | 02 | // | 02 | 2 | 105 | 72 | 8 | 6 | 4 | / | / | 66 | 74 |
| | Dacca (Tezgaon) | — | 000 | 0 | 8 | 18 | 05 | 96 | 02 | 2 | 105 | 72 | 2 | 5 | 5 | 7 | / | 65 | 76 |
| | Faridpur | — | 000 | 0 | 8 | 34 | 02 | 97 | 02 | 2 | 104 | 70 | 7 | 5 | 5 | 1 | 0 | 67 | 76 |
| Khulna | Barisal | — | 000 | 0 | 8 | 33 | 03 | 96 | 20 | 5 | 104 | 70 | 6 | 4 | 4 | 2 | 0 | 69 | 70 |
| | Khulna | — | 000 | 0 | 6 | 31 | 03 | 97 | 02 | 0 | 103 | 70 | 4 | 2 | 5 | 0 | 0 | // | 70 |
| | Satkhira | — | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 5 | 098 | 77 | 8 | 7 | 6 | 0 | 0 | 65 | // |
| | Jessore | — | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 099 | 70 | 2 | 5 | 5 | 3 | 0 | 66 | // |
| Rajshahi | Pabna | — | 000 | 0 | 7 | 13 | 03 | 97 | 03 | 2 | 095 | 73 | 7 | 8 | 7 | 0 | 0 | 66 | 78 |
| | Sirajganj | — | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 097 | 74 | 8 | 6 | 7 | 0 | 0 | 65 | 74 |
| | Rajshahi | — | 000 | 0 | 7 | 00 | 00 | 95 | 02 | 2 | 097 | 73 | 2 | 6 | 4 | 0 | 0 | 26 | 76 |
| | Bogra | — | 000 | 0 | 6 | 13 | 02 | 96 | 01 | 2 | 097 | 74 | 3 | 5 | 4 | 7 | 0 | 62 | 78 |
| | Dinajpur | — | 000 | 0 | 6 | 00 | 00 | 95 | 00 | 0 | 086 | 70 | 4 | 5 | 9 | 2 | / | 58 | 82 |
| | Rangpur | — | 000 | 4 | 7 | 18 | 02 | 96 | 03 | 6 | 089 | 65 | 3 | 5 | 9 | / | / | 60 | 77 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 4 | 05 | 02 | 96 | 02 | 0 | 091 | 74 | 3 | 0 | 9 | 3 | 1 | 44 | 80 |
| | Sialkot | — | 000 | 0 | 7 | 00 | 00 | 97 | 00 | 0 | 092 | 76 | 0 | 0 | 9 | 0 | 0 | 49 | 84 |
| Rawalpindi | Jhelum | — | 000 | 0 | 4 | 31 | 05 | 91 | 02 | 2 | 112 | 70 | 1 | 1 | 7 | 3 | 1 | 41 | 76 |
| | Islamabad | — | 010 | 4 | 7 | 31 | 02 | 97 | 03 | 6 | /// | 58 | 5 | 2 | 9 | 6 | 3 | 44 | 38 |
| | Rawalpindi | — | 025 | 0 | 7 | 36 | 02 | 98 | 02 | 9 | 141 | 51 | 7 | 4 | 6 | 0 | 0 | 50 | 66 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 36 | // | 97 | 00 | 0 | 106 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 78 |
| | Sargodha | — | 000 | 0 | 4 | 36 | 07 | 97 | 03 | 0 | 105 | 74 | 3 | 0 | 6 | 2 | 0 | 49 | 76 |
| | Lyallpur | — | 000 | 0 | 4 | 36 | 02 | 96 | 02 | 3 | 100 | 72 | 4 | 0 | 9 | 2 | 0 | 51 | 76 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 079 | 80 | 0 | 0 | 9 | 0 | 0 | 44 | 82 |
| | Leiah | — | 000 | 0 | 0 | 36 | 00 | 94 | 02 | 0 | 081 | 80 | 0 | 0 | 9 | 0 | 0 | 47 | 85 |
| Bahawalpur | Khanpur | — | 000 | 0 | 1 | 05 | 07 | 97 | 02 | 0 | 061 | 85 | 1 | 1 | 6 | 0 | 0 | 66 | 85 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 070 | 82 | 0 | 0 | 9 | 0 | 0 | 38 | 82 |
| | Fort Abbas | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 063 | 82 | 0 | 0 | 9 | 0 | 0 | 62 | 85 |
| Malakand | Chakdra | — | 000 | 0 | 7 | 23 | 05 | 97 | 03 | 1 | 096 | 65 | 4 | 1 | 7 | 4 | 0 | 49 | 66 |
| Peshawar | Peshawar | — | 000 | 0 | 5 | 13 | 05 | 97 | 03 | 1 | 117 | 55 | 1 | 3 | 6 | 3 | 1 | 49 | 70 |
| | Haripur | — | 000 | 5 | 7 | 31 | 03 | 97 | 03 | 6 | 131 | 78 | 7 | 0 | 9 | 5 | 0 | 47 | 79 |
| D. I. Khan | Bannu | — | 000 | 0 | 5 | 07 | 02 | 98 | 03 | 5 | 121 | 67 | 3 | 2 | 7 | 4 | 0 | 44 | 63 |
| | D. I. Khan | — | 000 | 0 | 0 | 05 | 06 | 97 | 02 | 0 | 118 | 70 | 0 | 0 | 9 | 0 | 0 | 50 | 66 |
| Quetta | Sibi | — | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 057 | 86 | 0 | 0 | 9 | 0 | 0 | 62 | 87 |
| | Nokkundi | — | 000 | 0 | 4 | 08 | 02 | 96 | 03 | 0 | 063 | 82 | 4 | 0 | 9 | 3 | 0 | 31 | 84 |
| Kalat | Turbat | — | 000 | 0 | 0 | 18 | 02 | 98 | 10 | 0 | 104 | 85 | / | 2 | 9 | 9 | 0 | 52 | 85 |
| | Jiwani | — | 000 | 0 | 4 | 23 | 14 | 96 | 01 | 1 | 042 | 78 | 4 | 8 | 5 | 0 | 0 | 67 | 91 |
| | Pasni | — | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 048 | 80 | 0 | 0 | 9 | 0 | 0 | 74 | 84 |
| Karachi division | Ormara | — | | | | | | | | | | | | | | | | | |
| | Lasbela | — | /// | 0 | 3 | 13 | 03 | 98 | 00 | 0 | 035 | 92 | 0 | 0 | 8 | 0 | 0 | 53 | 93 |
| | Karachi (Manora) | — | 000 | 0 | 5 | 23 | 07 | 97 | 03 | 0 | 054 | 77 | 5 | 4 | 4 | 0 | 0 | 71 | 79 |
| | Karachi (Airport) | — | 000 | 0 | 5 | 23 | 10 | 96 | 03 | 0 | 054 | 78 | 3 | 6 | 5 | 0 | 1 | 67 | 83 |
| Hyderabad | Nagarparker | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 84 | 0 | 6 | 6 | 0 | 0 | 42 | 82 |
| | Chhor | — | 000 | 0 | 5 | 23 | 03 | 96 | 02 | 2 | 044 | 85 | 2 | 5 | 6 | 5 | 7 | 33 | 90 |
| | Hyderabad | — | 000 | 0 | 5 | 18 | 07 | 96 | 17 | 9 | 044 | 81 | 3 | 9 | 6 | 2 | 0 | 51 | 92 |
| | [illegible] | — | 000 | 0 | 4 | 23 | 16 | 97 | 03 | 0 | 095 | 88 | 0 | 0 | 9 | 0 | 4 | 59 | 51 |
| Khairpur | [illegible] | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | [illegible] | — | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 044 | 89 | 2 | 2 | 6 | 0 | 4 | 48 | 91 |
| | [illegible] | — | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 043 | 87 | 0 | 0 | 9 | 0 | 0 | 44 | 88 |
| | [illegible] | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 1 | 09 | 03 | 97 | 02 | 0 | 053 | 87 | 1 | 0 | 9 | 3 | 0 | 61 | 87 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * | ... | | | | | | | | | | | | | | | | |
| | Gulmarg | ** | ... | | | | | | | | | | | | | | | | |
| | Sonamarg | ** | ... | | | | | | | | | | | | | | | | |
| | Dras | ** | ... | | | | | | | | | | | | | | | | |
| | Leh | ** | ... | | | | | | | | | | | | | | | | |
| | Skardu | * | ... | | | | | | | | | | | | | | | | |
| | Misgar | ** | ... | | | | | | | | | | | | | | | | |
| | Aliabad | * | ... | | | | | | | | | | | | | | | | |
| | Gilgit | * | ... | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | * | ... | | | | | | | | | | | | | | | | |
| Malakand | Drosh | * | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 462 | 62 | 2 | 1 | 7 | 0 | 0 | 16 | 70 |
| Peshawar | Cherat | * | 000 | 0 | 6 | 16 | 05 | 98 | 03 | 2 | 481 | 51 | 0 | 0 | 1 | 4 | 0 | 24 | 52 |
| | Kakul | * | 018 | 0 | 7 | 25 | 03 | 97 | 01 | 2 | 484 | 51 | 3 | 5 | 5 | 7 | 0 | 38 | 59 |
| | Landikotal | * | 000 | 0 | 4 | 05 | 05 | 98 | 01 | 0 | 631 | 60 | 4 | 3 | 9 | 0 | 0 | 44 | 62 |
| | Parachinar | * | 000 | 0 | 7 | 16 | 12 | 98 | 02 | 2 | 482 | 49 | 5 | 5 | 6 | 3 | 0 | 37 | 55 |
| D.I. Khan | Miranshah | * | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 484 | 60 | 4 | 0 | 9 | 0 | 0 | 48 | 42 |
| | Wana | * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman | * | 000 | 2 | 5 | 13 | 16 | 97 | 03 | 1 | 451 | 61 | 5 | 4 | 7 | 0 | 0 | 34 | 66 |
| | Hindubagh | * | 000 | 0 | 6 | 23 | 05 | 97 | 03 | 0 | /// | 53 | 6 | 2 | 5 | 0 | 0 | 46 | 54 |
| | Loralai | * | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 404 | 80 | 0 | 0 | 9 | 0 | 0 | 45 | 49 |
| | Barkhan | * | | | | | | | | | | | | | | | | | |
| | Harnai | * | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 437 | 73 | 0 | 0 | 9 | 0 | 0 | 45 | 76 |
| | Samungli (Quetta) | * | 000 | 0 | 5 | 31 | 03 | 97 | 03 | 0 | 438 | 64 | 1 | 2 | 6 | 0 | 4 | 34 | 65 |
| | Chaman | * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 448 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 71 |
| | Nushki | * | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 485 | 73 | 0 | 0 | 9 | 0 | 0 | 37 | 74 |
| | Dalbandin | * | 000 | 0 | 4 | 05 | 02 | 98 | 03 | 0 | 441 | 77 | 0 | 0 | 9 | 3 | 0 | 58 | 79 |
| Kalat | Kalat | * | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 2 | 436 | 58 | 0 | 0 | 9 | 0 | 0 | 27 | 62 |
| | Khuzdar | * | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur | * | 000 | 9 | 6 | 23 | 10 | 95 | 05 | 2 | 429 | 70 | 9 | 5 | 4 | 0 | 2 | 33 | 83 |

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

| Stations | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 003 | 5 | 5 | 27 | 05 | 98 | 01 | 6 | 462 | 72 | 2 | 2 | 7 | 7 | 0 | 67 | // |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong | 007 | 9 | 6 | 05 | 02 | 96 | 03 | 2 | 151 | 73 | 5 | 0 | 9 | 3 | 1 | 65 | 67 |
| Maijdee Court | 005 | 9 | 5 | 00 | 00 | 96 | 03 | 8 | 153 | 73 | 0 | 0 | 9 | 3 | 0 | 63 | 61 |
| Comilla | 000 | 8 | 3 | 18 | 05 | 96 | 02 | 0 | 151 | 72 | 0 | 0 | 9 | 3 | 0 | 67 | 65 |
| Brahmanbaria | 000 | 0 | 7 | 05 | 02 | 97 | 02 | 1 | 156 | 70 | 7 | 0 | 9 | 7 | 0 | 67 | 63 |
| Sylhet | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 153 | 72 | 0 | 0 | 9 | 3 | 0 | 65 | 67 |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mymensingh | 000 | 0 | 5 | 13 | 02 | 97 | 02 | 0 | 166 | 72 | 4 | 5 | 6 | 1 | 0 | 63 | 63 |
| Narayanganj | 000 | 0 | 8 | 09 | 02 | 97 | 02 | 2 | 153 | 73 | 8 | 6 | 4 | / | / | 66 | 65 |
| Dacca (Tezgaon) | 000 | 3 | 7 | 00 | 00 | 95 | 05 | 4 | 154 | 70 | 7 | 0 | 9 | 3 | 0 | 67 | 65 |
| Faridpur | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 0 | 142 | 70 | 6 | 4 | 5 | 1 | 0 | 65 | 63 |
| Barisal | 004 | 9 | 5 | 05 | 03 | 96 | 02 | 2 | 120 | 73 | 5 | 0 | 9 | 2 | 0 | 67 | // |
| Khulna | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 151 | 73 | 0 | 2 | 4 | 0 | 0 | 67 | 65 |
| Satkhira | 000 | 0 | 4 | 36 | 01 | 97 | 00 | 0 | 152 | 73 | 0 | 0 | 9 | 0 | 0 | 67 | 65 |
| Jessore | 000 | 0 | 7 | 09 | 02 | 96 | 05 | 2 | 154 | 70 | 7 | 0 | 9 | 3 | 0 | 67 | 63 |
| Pabna | 000 | 9 | 4 | 23 | 02 | 98 | 01 | 4 | 176 | 70 | 4 | 0 | 9 | 4 | 0 | 65 | 63 |
| Sirajganj | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 0 | 157 | 70 | 4 | 0 | / | 4 | 0 | 67 | 61 |
| Rajshahi | 000 | 6 | 4 | 36 | 02 | 96 | 03 | 4 | 160 | 72 | 3 | 6 | 0 | 4 | 3 | 67 | 63 |
| Bogra | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 4 | 151 | 70 | 1 | 5 | 5 | 3 | / | 65 | 61 |
| Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 155 | 76 | 0 | 0 | 9 | 0 | 0 | 65 | 61 |
| Rangpur | 015 | 9 | 5 | 00 | 00 | 96 | 01 | 0 | 125 | 70 | 5 | 0 | 9 | 4 | 0 | 65 | 56 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 148 | 61 | 1 | 5 | 7 | 7 | 1 | 45 | 54 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | 000 | 6 | 1 | 31 | 02 | 97 | 03 | 1 | 165 | 56 | 1 | 0 | 9 | 3 | / | 46 | 52 |
| Islamabad | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | /// | 52 | 2 | 3 | 8 | 0 | 0 | 38 | 45 |
| Rawalpindi | 025 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 170 | 45 | 0 | 0 | 9 | 0 | 0 | 42 | 42 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 4 | 36 | 02 | 97 | 03 | 0 | 146 | 63 | 0 | 0 | 9 | 4 | 0 | 41 | 52 |
| Sargodha | 000 | 0 | 5 | 31 | 03 | 96 | 03 | 0 | 154 | 56 | 3 | 4 | 6 | 3 | 0 | 47 | 49 |
| Lyallpur | 000 | 0 | 5 | 00 | 00 | 95 | 02 | 3 | 149 | 58 | 5 | 3 | 8 | 0 | 0 | // | 52 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 6 | 36 | 07 | 97 | 00 | 0 | 145 | 59 | 1 | 5 | 6 | 3 | 1 | 45 | 54 |
| Leiah | 000 | 0 | 0 | 16 | 00 | 92 | 00 | 0 | 112 | 61 | 0 | 0 | 9 | 0 | 0 | 49 | 52 |
| Khanpur | 000 | 0 | 5 | 05 | 09 | 96 | 05 | 1 | 126 | 61 | 1 | 1 | 6 | 3 | 0 | 49 | 58 |
| Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Abbas | 000 | 0 | 0 | 09 | 03 | 98 | 00 | 0 | 109 | 65 | 0 | 0 | 9 | 0 | 0 | 45 | 59 |
| Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 000 | 0 | 1 | 03 | 00 | 97 | 03 | 0 | 174 | 49 | 0 | 0 | 9 | 0 | 0 | 45 | 46 |
| Haripur | 000 | 0 | 0 | 05 | 05 | 98 | 00 | 0 | 107 | 54 | 0 | 0 | 9 | 0 | 0 | 42 | 42 |
| Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 2 | 167 | 59 | 0 | 0 | 0 | 4 | 0 | 49 | 54 |
| Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | /// | 58 | 4 | 2 | 9 | 2 | 0 | 52 | 54 |
| Nokkundi | 000 | 0 | 0 | 31 | 10 | 96 | 03 | 0 | 059 | 65 | 5 | 6 | 7 | 0 | 0 | // | 53 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 133 | 62 | 0 | 1 | 9 | 0 | 0 | 59 | 81 |
| Jiwani | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 053 | 65 | 0 | 0 | 9 | 0 | 0 | 48 | 62 |
| Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ormara | | | | | | | | | | | | | | | | | |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Manora) | 000 | 0 | 7 | 36 | 03 | 96 | 03 | 0 | 082 | 66 | 7 | 7 | 4 | 0 | 0 | 59 | 65 |
| Karachi (Airport) | 123 | 3 | 7 | 36 | 09 | 96 | 03 | 9 | 087 | 64 | 2 | 3 | 5 | 3 | 0 | 59 | 59 |
| Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 123 | 67 | 0 | 0 | 6 | 0 | 0 | 60 | 62 |
| Chhor | 240 | 9 | 7 | 00 | 00 | 96 | 03 | 0 | 895 | 63 | 3 | 6 | 5 | 3 | 0 | 56 | 58 |
| Hyderabad | 000 | 0 | 8 | 23 | 02 | 97 | 03 | 9 | 094 | 70 | 2 | 2 | 6 | 2 | 0 | 67 | 67 |
| [illegible] | 000 | 0 | 0 | 18 | 01 | 97 | 02 | 0 | 093 | 68 | 0 | 0 | 9 | 0 | 0 | 63 | 66 |
| [illegible] | 000 | 0 | 7 | 02 | 05 | 96 | 02 | 1 | 095 | 64 | 1 | 5 | 7 | 2 | 0 | 52 | 58 |
| [illegible] | 003 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 098 | 61 | 7 | 0 | 9 | 8 | 0 | 54 | 56 |
| [illegible] | 000 | 0 | 7 | 13 | 09 | 95 | 05 | 4 | 104 | 64 | 7 | 0 | 9 | 9 | 0 | 49 | 61 |
| [illegible] | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 5 | 18 | 03 | 96 | 02 | 8 | 103 | 66 | 5 | 0 | 9 | 7 | 0 | 57 | 60 |
| Veraval | | | | | | | | | | | | | | | | | |
| Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 535 | 40 | 0 | 0 | 9 | 0 | 0 | 29 | 40 |
| Cherat | 000 | 0 | 0 | 13 | 09 | 98 | 01 | 0 | 507 | 47 | 0 | 0 | 9 | 0 | 0 | 38 | 42 |
| Kakul | 000 | 0 | 0 | 34 | 03 | 96 | 02 | 0 | 513 | 49 | 0 | 0 | 9 | 0 | 0 | 32 | 41 |
| Landikotal | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 4 | 614 | 45 | 0 | 0 | 9 | 0 | 0 | 36 | 32 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Miranshah | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 497 | 50 | 4 | 0 | 9 | 0 | 0 | 40 | 48 |
| Wana | | | | | | | | | | | | | | | | | |
| Fort Sandeman | 000 | 0 | 1 | 09 | 02 | 96 | 05 | 0 | 459 | 48 | 0 | 0 | 9 | 0 | 1 | 37 | 45 |
| Hindubagh | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | /// | 41 | 7 | 0 | 9 | 0 | 7 | 34 | 26 |
| Loralai | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 470 | 48 | 0 | 0 | 9 | 0 | 0 | 39 | 46 |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 439 | 56 | 0 | 0 | 9 | 0 | 0 | 42 | 53 |
| Samungli (Quetta) | 000 | 0 | 5 | 13 | 16 | 96 | 03 | 0 | 469 | 51 | 1 | 8 | 9 | 3 | 1 | 45 | 31 |
| Chaman | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 524 | 46 | 0 | 0 | 9 | 0 | 0 | 37 | 44 |
| Nushki | 003 | 0 | 4 | 13 | 04 | 97 | 03 | 0 | 493 | 61 | 0 | 0 | 9 | 0 | 3 | 29 | 37 |
| Dalbandin | 000 | 1 | 8 | 13 | 10 | 97 | 20 | 1 | 453 | 58 | 3 | 5 | 6 | 2 | / | // | 49 |
| Kalat | 000 | 0 | 0 | 11 | 02 | 97 | 00 | 2 | 464 | 43 | 0 | 0 | 9 | 0 | 0 | 36 | 36 |
| Khuzdar | 030 | 0 | 8 | 18 | 07 | 96 | 03 | 0 | 452 | 56 | 4 | 5 | 6 | 2 | 0 | 37 | 51 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

**Departure from Normal of / Rainfall**

| Stations | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | // | — | 4.0 | — | 3.4 | — |
| Cox's Bazar | + 1 | | | | | 140 |
| Chittagong | − 9 | + 2 | 1.4 | − 3.3 | 0.6 | 108 |
| Maijdee Court | − 14 | − 7 | 3.6 | − 0.1 | 3.3 | 115 |
| Comilla | − 14 | − 1 | 2.2 | − 1.5 | 1.7 | 94 |
| Brahmanbaria | — | — | 2.5 | − 0.6 | 1.2 | 78 |
| Sylhet | — | — | 7.3 | — | 5.8 | — |
| Srimangal | − 10 | | | | | 98 |
| Mymensingh | − 7 | + 1 | — | — | — | 91 |
| Narayanganj | − 12 | 0 | 2.9 | − 0.1 | 1.5 | 74 |
| Dacca (Tezgaon) | — | — | 2.5 | — | 1.2 | — |
| Faridpur | − 9 | 0 | 3.6 | + 0.4 | 2.0 | 71 |
| Barisal | − 17 | + 1 | 2.2 | − 1.3 | 1.3 | 81 |
| Khulna | − 18 | − 1 | 4.5 | + 1.6 | 3.1 | 68 |
| Satkhira | − // | 0 | 3.0 | − 0.5 | 2.8 | 48 |
| Jessore | − // | — | 4.7 | + 1.7 | 3.6 | 65 |
| Pabna | — | — | 4.0 | — | 3.0 | 39 |
| Sirajganj | − 11 | 0 | 3.2 | + 0.1 | 1.9 | 64 |
| Rajshahi | − 11 | + 2 | 4.5 | + 2.5 | 1.6 | — |
| Bogra | − 7 | 0 | 2.7 | − 0.5 | 1.4 | 89 |
| Dinajpur | − 3 | + 3 | 1.7 | + 0.1 | 0.9 | 78 |
| Rangpur | − 6 | − 1 | 2.7 | − 1.2 | 1.0 | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | + 2 | + 4 | 1.7 | − 1.1 | 1.7 | 19 |
| Sialkot | + 7 | | — | | | 33 |
| Jhelum | — | — | | | | — |
| Islamabad | — | — | 5.8 | — | 5.8 | — |
| Rawalpindi | − 5 | − 5 | 5.7 | − 1.3 | 5.6 | 84 |
| Campbellpur | | | | | | — |
| Khushab | 0 | − 1 | 1.5 | − 0.9 | 1.5 | 15 |
| Sargodha | — | — | 1.5 | — | 1.3 | — |
| Lyallpur | − 1 | − 1 | 1.2 | − 0.2 | 0.9 | 12 |
| Sahiwal | | | | | | 10 |
| Multan | + 4 | 0 | 0.7 | − 0.5 | 0.7 | 7 |
| Leiah | | — | — | — | — | 8 |
| Khanpur | + 2 | + 5 | 1.8 | + 1.0 | 1.5 | 4 |
| Bahawalpur | 0 | | | | | 6 |
| Fort Abbas | — | — | — | — | — | 6 |
| Chakdra | — | | | | | — |
| Peshawar | − 1 | − 3 | 2.6 | − 1.7 | 2.0 | 11 |
| Haripur | | | 3.6 | — | 4.7 | — |
| Bannu | — | | | | | 11 |
| D. I. Khan | − 8 | + 2 | 6.9 | + 5.2 | 6.9 | 9 |
| Sibi | — | — | 0.3 | — | 0.3 | 8 |
| Nokkundi | — | — | 1.8 | — | 1.8 | 3 |
| Turbat | — | — | 0.5 | — | 0.5 | — |
| Jiwani | — | — | 0.7 | — | 7.9 | 3 |
| Pasni | + 2 | | | | | 4 |
| Ormara | | | | | | 6 |
| Lasbela | — | | | | | 8 |
| Karachi (Manora) | − 1 | − 2 | 0.5 | − 0.7 | 0.5 | 8 |
| Karachi (Airport) | — | — | 1.8 | — | 1.8 | 8 |
| Nagarparker | — | — | — | — | — | — |
| Chhor | — | — | 2.5 | — | 2.5 | 7 |
| Hyderabad | + 4 | + 6 | 0.5 | − 0.1 | 0.5 | 9 |
| [illegible] | + 2 | + 6 | 0.1 | − 0.8 | 0.1 | — |
| [illegible] | | — | 0.3 | — | 0.3 | — |
| [illegible] | — | — | 0.1 | — | 0.1 | 4 |
| [illegible] | — | — | 0.7 | — | 0.7 | — |
| [illegible] | | | | | | 4 |
| Jacobabad | + 3 | + 3 | 2.0 | + 1.1 | 1.9 | 20 |
| Veraval | | | | | | 26 |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 14 |
| Dras | | | | | | 3 |
| Leh | | | | | | 6 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 39 |
| Murree | | | | | | 18 |
| Drosh | + 17 | + 3 | 2.4 | — | 1.8 | 29 |
| Cherat | − 6 | − 3 | 4.3 | − 3.9 | 3.7 | — |
| Kakul | — | — | 10.5 | — | 9.5 | — |
| Landikotal | — | — | 4.3 | — | 3.5 | 29 |
| Parachinar | + 1 | | | | | 13 |
| Miranshah | — | — | 0.1 | − 4.3 | 0.1 | 11 |
| Wana | | | | | | 13 |
| Fort Sandeman | + 1 | + 1 | 1.5 | − 1.3 | 1.5 | — |
| Hindubagh | — | — | 1.3 | — | 1.3 | 9 |
| Loralai | — | — | 0.4 | — | 0.3 | — |
| Barkhan | | | | | | 14 |
| Harnai | — | — | 1.8 | − 1.4 | 1.8 | 9 |
| Samungli (Quetta) | — | — | 2.6 | − 2.0 | 1.1 | 9 |
| Chaman | + 6 | 0 | 7.7 | + 1.4 | 7.7 | — |
| Nushki | — | — | 3.1 | — | 3.0 | 4 |
| Dalbandin | + 6 | + 2 | 2.3 | − 0.4 | 2.3 | 7 |
| Kalat | + 4 | + 1 | 1.8 | − 2.3 | 1.5 | — |
| Khuzdar | | — | 1.7 | — | 1.4 | 8 |
| Panjgur | + 11 | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 6th MARCH, 1970**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Saaudi | 99 1 65 | 10 5 95 | 05 0 03 | 30 6 08 | 99 0 20 | 10 9 26 | 20 7 00 | 23 7 04 | | | 05 2 22 | ... | 30 2 02 | |
| Dumra | 99 2 28 | 10 6 80 | 15 0 03 | 02 7 09 | 98 0 20 | 08 7 24 | 00 9 00 | 04 6 02 | | | 05 1 20 | ... | 30 2 02 | |
| Dumra | 99 2 17 | 10 6 90 | 05 0 63 | 22 7 06 | 99 0 30 | 10 4 25 | 11 4 01 | 01 1 30 | | | 00 0 19 | ... | 30 1 02 | |
| Bomorea | 99 2 48 | 10 6 54 | 05 0 63 | 42 9 13 | 98 8 20 | 09 5 26 | 42 5 00 | 17 0 16 | | | 05 0 69 | ... | 30 5 02 | |
| Bamora | 99 2 46 | 10 6 37 | 05 1 23 | 42 6 08 | 98 8 20 | 03 9 26 | 31 5 18 | 17 6 01 | | | 00 1 69 | ... | 30 2 02 | |
| Chevronmdra | 99 2 31 | 10 5 93 | 05 0 25 | 20 2 04 | 99 0 30 | 06 0 26 | 24 6 00 | 01 6 21 | | | 0/ / 15 | 12 5 20 | 30 1 00 | |
| Mississpplloyd | 99 2 24 | 10 6 17 | 05 0 63 | 12 4 12 | 98 2 20 | 10 5 25 | 10 5 60 | 01 1 21 | | | 0/ / 21 | 12 5 10 | 30 3 92 | |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 009 194 17 | ... | 470 130 34 | 094 026 34 | 574 131 35 | 741 239 26 | 947 235 59 | 220 547 // | 399 601 // | 637 777 // | ... | ... | ... |
| Dacca | 00 00 | 012 198 27 | ... | 440 104 58 | 077 032 60 | 573 135 60 | 739 245 58 | 944 347 61 | 219 515 // | 400 651 // | 640 771 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 004 224 27 | ... | 380 130 26 | 044 030 // | 568 131 // | 736 215 // | 943 311 // | ... | ... | ... | — | ... | — |
| Multan | 00 00 | 993 130 57 | ... | 400 134 61 | 003 040 56 | 561 211 // | 720 375 // | — | 185 571 // | ... | ... | ... | ... | — |
| Peshawar | 00 00 | 974 088 18 | ... | 450 070 25 | 040 031 24 | 562 201 26 | 724 305 // | 922 /// // | — | ... | ... | ... | ... | — |
| Quetta | 00 00 | No | Ascent | Due To | Strong | Wind | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 991 104 35 | .. | 380 164 56 | 945 0/0 57 | 551 201 // | 714 275 // | 918 341 // | 197 421 // | ... | — | — | — | — |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 150 31 | 800 074 12 | 600 057 04 | 350 283 50 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 124 50 | 820 250 07 | 680 041 58 | 350 297 58 | ... | ... | ... | ... | ... | . | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | — | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 020 02 | 210 02 | 255 04 | 240 13 | — | — | ... | ... | — |
| Bogra | 170 11 | 155 11 | 130 06 | 185 07 | ... | ... | ... | ... | ... |
| Chaklala | . | 015 13 | 095 05 | 255 04 | ... | ... | ... | ... | ... |
| Chhor | 220 13 | 230 21 | 225 20 | 220 17 | 235 17 | 230 19 | 225 15 | — | ... |
| Chittagong | 360 05 | 300 04 | ... | ... | ... | ... | ... | — | — |
| Cherat | ... | ... | ... | ... | ... | ... | ... | .. | ... |
| Cox's Bazar | 015 06 | 345 12 | 310 15 | 295 06 | 175 07 | 195 10 | ... | . | ... |
| Dacca | 190 12 | 305 10 | 210 10 | 215 12 | 220 05 | 265 21 | ... | — | — |
| Dalbandin | ... | ... | 115 06 | 080 07 | 055 07 | 040 10 | 050 17 | . | ... |
| D. I. Khan | 045 11 | 055 12 | 175 07 | 155 07 | 130 08 | 310 09 | 265 15 | .. | .. |
| Drosh | ... | ... | ... | 035 03 | 090 03 | 030 02 | 360 04 | 335 06 | 285 05 |
| Fort Sandeman | ... | ... | ... | 130 11 | 135 10 | 010 08 | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 160 09 | 170 09 | 110 06 | 110 04 | 245 08 | ... | ... | ... | ... |
| Jacobabad | 075 09 | 095 09 | 105 07 | 150 05 | 160 06 | 185 07 | 285 07 | 320 09 | 335 12 |
| Jessore | 155 05 | 165 04 | 100 06 | 250 03 | 150 14 | . | ... | ... | ... |
| Jhelum | 340 15 | 345 11 | 340 09 | 040 02 | 120 02 | 220 15 | 275 23 | 285 20 | 290 31 |
| Jiwani | 230 10 | 245 14 | 245 17 | 240 15 | 235 12 | 240 10 | 245 17 | ... | |
| Karachi | 245 15 | 260 16 | 255 15 | 275 06 | 285 11 | 265 09 | 250 12 | 285 14 | 290 20 |
| Khanpur | 055 11 | 040 12 | 040 13 | 040 11 | 080 06 | 170 08 | 225 24 | 260 25 | 265 28 |
| Khuzdar | ... | ... | | 070 04 | 175 02 | 220 01 | 265 06 | 285 04 | 285 07 |
| Lahore | 095 05 | 070 06 | 075 05 | 080 07 | 095 05 | 100 04 | 250 02 | 240 10 | 235 11 |
| Multan | 090 11 | 135 13 | 135 12 | 080 07 | 100 07 | 100 04 | 290 20 | 240 10 | 290 25 |
| Nawab Shah | 220 04 | 235 05 | 255 03 | 310 04 | 200 06 | 250 08 | — | ... | . |
| Nokkundi | ... | ... | 085 03 | 130 01 | 100 01 | 955 03 | 075 02 | ... | ... |
| Panjgur | ... | ... | | 190 06 | 205 06 | | | ... | ... |
| Peshawar | ... | 135 11 | 150 06 | 175 03 | 175 03 | 030 01 | 300 10 | 265 15 | 270 20 |
| Parachinar | ... | ... | .. | 155 15 | 160 08 | ... | | ... | |
| Quetta | ... | | | /// // | 330 05 | 250 0 | 320 07 | 285 12 | 285 13 |
| Sargodha | 035 06 | 035 25 | 035 05 | 055 06 | 115 06 | 235 15 | 265 17 | ... | 265 22 |
| Skardu | ... | ... | ... | ... | ... | — | ... | — | . |
| Sylhet | 095 06 | 130 03 | 175 05 | 200 08 | 220 10 | ... | — | — | ... |
| Veraval | ... | ... | ... | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 805 08 | 310 08 | 280 06 | 250 04 | 250 11 | ... |
| Bogra | No | Ascent | ... | ... | . | ... |
| Chaklala | ... | 075 03 | 035 02 | 120 03 | 125 05 | 210 05 |
| Chhor | 220 21 | 223 15 | 240 15 | 230 21 | 220 16 | 255 07 |
| Chittagong | ... | ... | ... | — | ... | ... |
| Cherat | ... | ... | . | ... | .. | .. |
| Cox's Bazar | ... | ... | . | | ... | ... |
| Dacca | 095 06 | 090 07 | 080 05 | 355 03 | 235 13 | 245 26 |
| Dalbandin | — | ... | 065 06 | 105 14 | 190 09 | 260 11 |
| D. I. Khan | 160 04 | 165 02 | 165 05 | 270 02 | /// // | 300 04 |
| Drosh | ... | ... | ... | 045 03 | 050 05 | 360 12 |
| Fort Sandeman | ... | ... | — | 005 17 | 070 13 | 165 08 |
| Gilgit | ... | ... | — | ... | ... | ... |
| Ishurdi | 200 08 | 215 04 | 230 08 | ... | ... | ... |
| Jacobabad | 095 26 | 090 32 | 090 34 | ... | | |
| Jessore | 035 08 | 330 02 | 360 02 | 010 03 | 010 05 | 260 17 |
| Jhelum | 350 15 | 320 01 | 340 05 | 335 03 | 300 04 | 255 02 |
| Jiwani | 250 17 | 010 03 | 145 25 | 245 06 | .. | — |
| Karachi | ... | | | ... | ... | ... |
| Khanpur | 010 15 | 005 16 | 005 18 | 020 16 | 060 17 | 160 17 |
| Khuzdar | | | ... | 145 03 | 160 07 | 195 12 |
| Lahore | 070 06 | 080 07 | 075 08 | 080 09 | 080 09 | 270 04 |
| Multan | 070 15 | 075 15 | 085 13 | 125 06 | 165 06 | 205 08 |
| Nawab Shah | 205 23 | 215 13 | 185 07 | 160 07 | 155 05 | 175 09 |
| Nokkundi | . | . | 115 05 | 125 03 | 145 03 | 105 03 |
| Panjgur | ... | | ... | | | .. |
| Peshawar | ... | 325 04 | 330 04 | 030 04 | 030 04 | 020 02 |
| Parachinar | ... | | ... | 240 06 | 110 02 | .. |
| Quetta | No | Ascent | | | | |
| Sargodha | 010 08 | 020 09 | 035 07 | 350 07 | 250 03 | 275 06 |
| Skardu | | | ... | ... | .. | ... |
| Sylhet | 095 06 | 090 07 | 080 05 | 355 03 | 235 13 | 245 26 |
| Veraval | — | — | ... | — | .. | . |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 025 02 | 070 03 | 070 03 | ... | — | ... | ... | ... | ... | ... | ... |
| Bogra | 115 04 | 050 04 | 040 08 | 055 05 | ... | — | ... | ... | ... | ... | .. |
| Chaklala | ... | 285 02 | 055 03 | 130 03 | 125 07 | 185 04 | 275 16 | 285 10 | 290 12 | 280 10 | ... |
| Chhor | 190 09 | 195 08 | 190 03 | 205 09 | 185 36 | ... | — | ... | . | ... | ... |
| Chittagong | 040 03 | 040 01 | 240 05 | 200 10 | 200 16 | 220 17 | ... | .. | ... | . | ... |
| Cherat | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | .. | .. | ... | .. | ... |
| Dacca | 035 05 | 035 04 | 060 03 | 075 04 | ... | ... | ... | ... | ... | . | ... |
| Dalbandin | ... | ... | 145 11 | 155 22 | 150 26 | 125 20 | ... | | | | |
| D. I. Khan | 040 04 | 050 08 | 055 12 | 055 07 | 080 04 | 270 04 | 130 06 | 110 09 | 120 10 | 125 11 | 160 35 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | .. | — | . | .. |
| Fort Sandeman | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... |
| Gilgit | | | | 015 12 | 060 17 | 165 15 | 165 17 | ... | ... | .. | ... |
| Ishurdi | 080 02 | 075 04 | 065 15 | 045 08 | 020 10 | — | ... | ... | ... | ... | . |
| Jacobabad | 105 02 | 060 06 | 075 20 | | | ... | ... | ... | ... | . | ... |
| Jessore | 350 04 | 315 01 | 010 02 | 240 04 | 270 12 | 255 23 | — | .. | ... | . | ... |
| Jhelum | 340 08 | 350 12 | 005 10 | 060 03 | 115 06 | 155 08 | 275 16 | 260 23 | 275 25 | 275 31 | 280 41 |
| Jiwani | 380 02 | 205 02 | 215 04 | 245 09 | 265 14 | 275 07 | . | ... | ... | . | — |
| Karachi | 065 07 | 130 05 | 190 11 | 185 13 | 170 23 | 155 26 | ... | ... | .. | ... | ... |
| Khanpur | 030 15 | 050 15 | 085 12 | 115 18 | ... | ... | .. | ... | ... | ... | ... |
| Khuzdar | ... | | ... | ... | | ... | ... | ... | ... | ... | ... |
| Lahore | 090 06 | 080 08 | 080 09 | 045 08 | 075 10 | 120 15 | 145 17 | 155 17 | .. | ... | ... |
| Multan | 035 30 | 025 41 | 040 48 | 050 40 | 050 54 | 030 49 | 055 49 | 060 58 | 190 32 | 205 39 | ... |
| Nawab Shah | 315 19 | 310 11 | 265 08 | 215 05 | 180 11 | 160 14 | ... | ... | .. | ... | ... |
| Nokkundi | No | Ascent | ... | — | ... | ... | .. | ... | .. | . | ... |
| Panjgur | ... | | | | | | | | | | |
| Peshawar | ... | /// // | 315 08 | 360 07 | 020 07 | 060 06 | 315 07 | 270 21 | 270 20 | 270 24 | 270 36 |
| Parachinar | ... | ... | ... | ... | | ... | .. | .. | . | ... | .. |
| Quetta | ... | ... | | /// // | 150 12 | ... | | ... | .. | ... | . . |
| Sargodha | 000 08 | 040 10 | 045 07 | 240 05 | 080 05 | 280 20 | 245 16 | ... | ... | ... | ... |
| Skardu | | | | | | | | ... | ... | ... | ... |
| Sylhet | 130 04 | 100 06 | 085 08 | 105 06 | 250 10 | 255 17 | ... | .. | ... | ... | ... |
| Veraval | — | ... | ... | ... | ... | — | ... | ... | | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 210 11 | 210 12 | 210 11 | 210 12 | 205 22 | 130 07 | 170 15 | 220 17 | 220 20 | 250 23 | 245 52 | 250 74 | 261 09 | | | | | |
| Multan | 050 41 | 050 25 | 080 16 | 085 12 | 085 08 | 190 17 | 220 12 | 250 13 | 300 18 | 290 12 | 270 31 | 275 76 | 275 82 | 275 89 | 276 04 | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

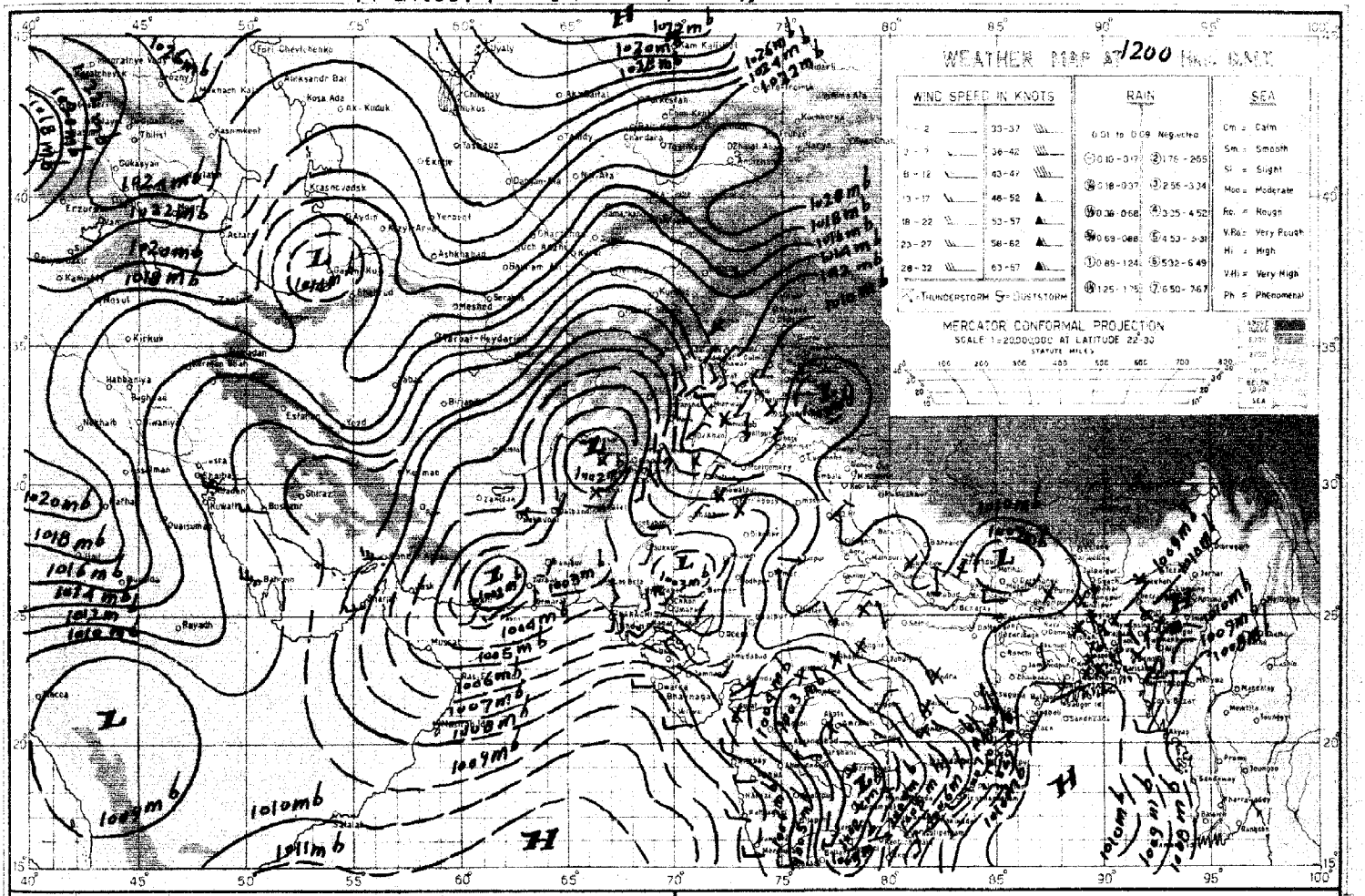
* The actual time of observations may vary within half an hour of the specified time.

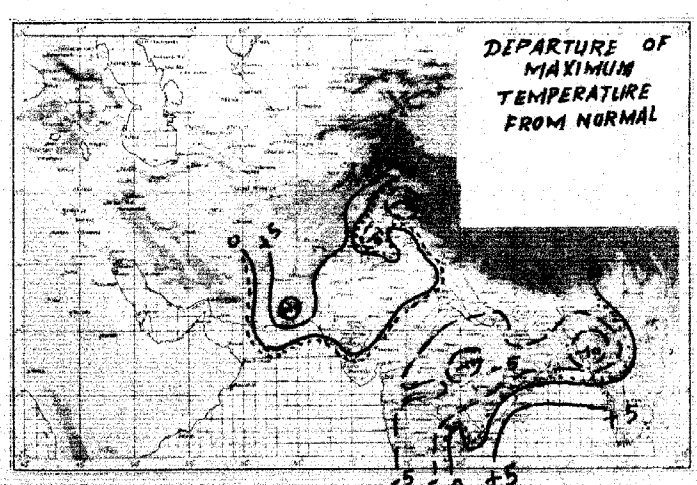
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East.) The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

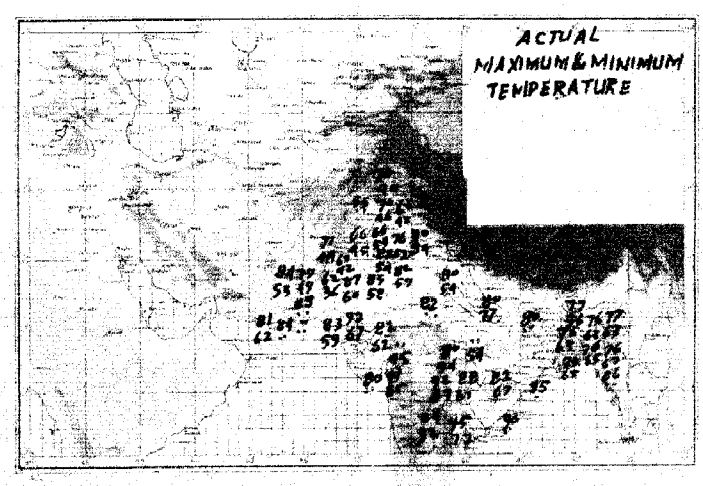
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

THURSDAY 5th MARCH, 1970.

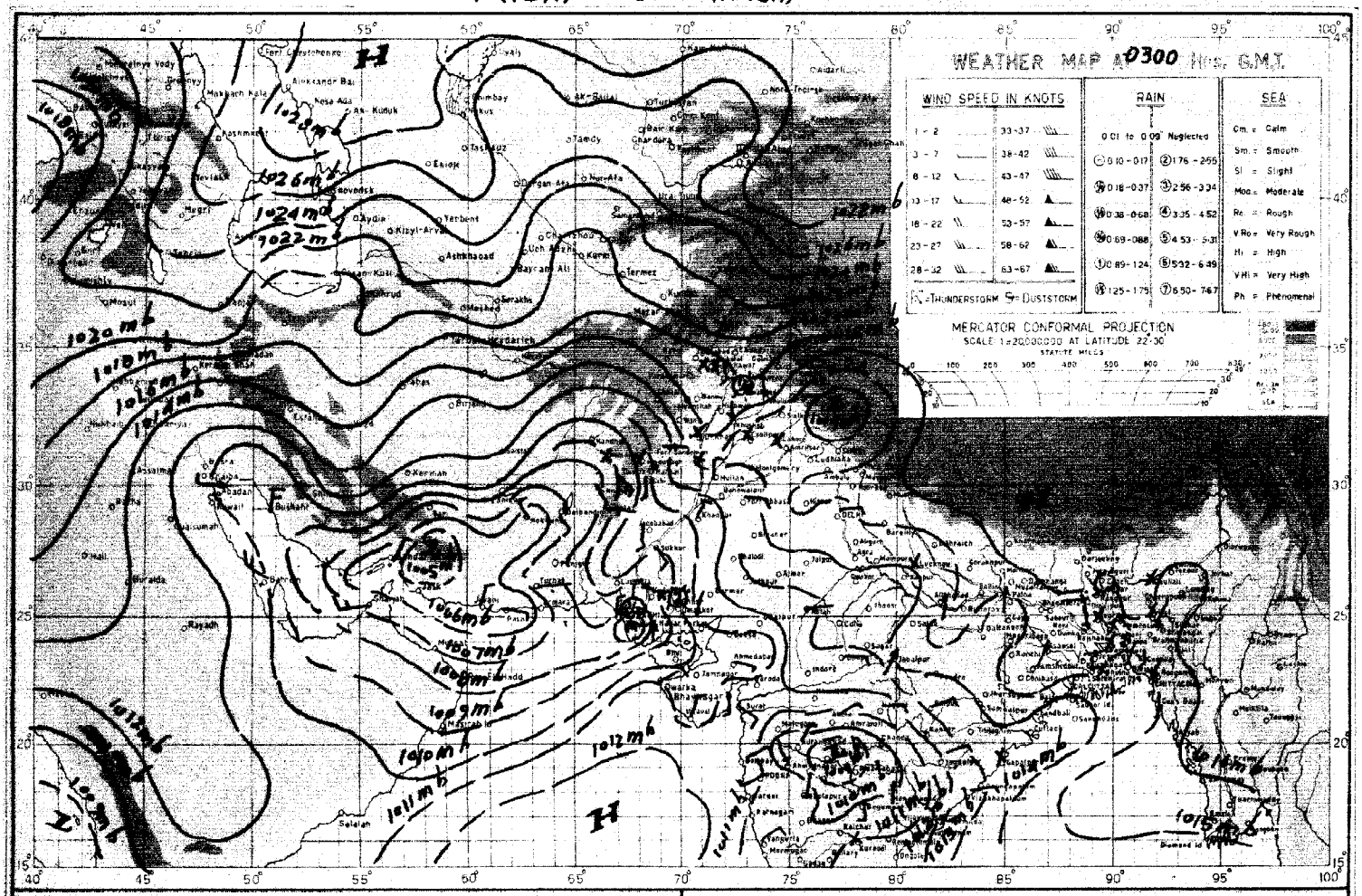


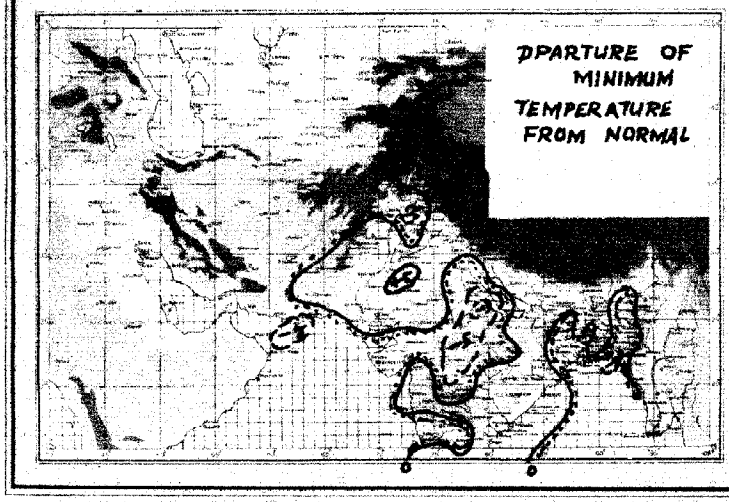



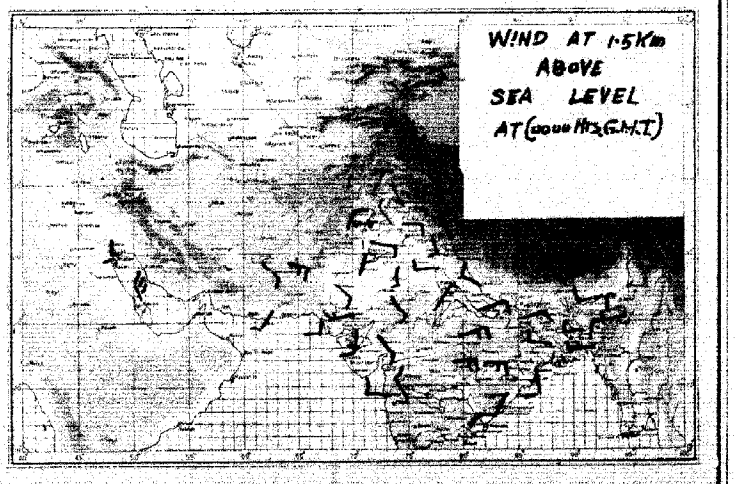



# PAKISTAN DAILY WEATHER MAP

FRIDAY 6th MARCH,




REG. No. 1024-RW.AD'61 1,45,000-63.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SATURDAY THE 7th MARCH, 1970.**

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

Yesterday's secondary western disturbance over the southern and western divisions of west Pakistan is now moving across west Rajasthan and adjoining parts of west Pakistan. Under its influence fairly widespread rain/thunderstorms occurred in Khairpur division, local in Quetta and Karachi divisions and scattered in Kalat and Hyderabad divisions. A few thunderstorm/light showers also occurred in Multan and Bahawalpur divisions.

A fresh western disturbance lies over Afghanistan and adjoining Quetta and D. I. Khan divisions.

Yesterday's westerly trough of low pressure over the northern divisions of East Pakistan moved away eastwards after causing a few thunderstorm/light showers in Chittagong division. Another westerly trough of low pressure lies over Orissa and neighbourhood.

Chief amounts of rainfall are Karachi (Airport) 1", Nokkundi, Karachi (Monora) and Hyderabad ½" each and Sibi, Dalbandin, Padidan, Nawabshah and Sukkur ¼" each.

Night temperatures were 9—12 °F (5—7 °C) above normal in eastern districts of Quetta division and 3 – 8 °F (2—4 °C) so in East Pakistan outside Dacca division and in west Pakistan outside Rawalpindi, Kalat, Karachi, Hyderabad and Khairpur divisions where these were nearly normal.

**Forecast valid until the evening of 8th March 1970 :**—Fairly widespread rain/thundershowers are likely to occur in Quetta, D. I. Khan, Malakand and Peshawar divisions, local in Multan, Bahawalpur, Rawalpindi, Sargodha, Hyderabad divisions and Kashmir and scattered in Khulna Rajshahi, Lahore, Khairpur and Kalat divisions.

Karachi-11
The 7th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day | | | | | | | | | | | | | | | | | At 0300 Hrs. G.M.T. of date | | | | | | | | | | | | | | | | | Departure from Normal of | | Rainfall | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Clud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amounts of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Maximum temperature | Minimum Temperature | Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
| | | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 6 | 18 | 02 | 97 | 02 | 2 | 132 | 77 | 3 | 7 | 6 | 2 | 0 | 62 | 77 | 000 | 0 | 3 | 27 | 05 | 98 | 01 | 1 | 160 | 73 | 1 | 1 | 7 | 3 | 0 | 65 | 68 | — | — | 4.0 | — | 3.4 | — |
| | Cox's Bazar | 000 | 0 | 7 | 05 | 09 | 93 | 03 | 2 | 119 | 78 | 2 | 4 | 4 | 8 | 0 | 62 | // | 000 | 0 | 4 | 36 | 05 | 97 | 03 | 0 | 140 | 79 | 1 | 2 | 5 | 3 | 1 | 73 | 69 | / | + 5 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 7 | 00 | 80 | 96 | 02 | 0 | 122 | 77 | 2 | 5 | 4 | 9 | 0 | 70 | 82 | 000 | 0 | 5 | 34 | 03 | 96 | 02 | 2 | 148 | 75 | 0 | 0 | 9 | 3 | 0 | 64 | 65 | — 4 | 0 | 1.4 | — 3.5 | 0.6 | 108 |
| | Maijdee Court | 080 | 9 | 8 | 00 | C0 | 96 | 03 | 2 | 113 | 76 | 4 | 5 | 5 | 2 | 1 | 78 | 80 | 000 | 9 | 3 | 00 | 00 | 96 | 03 | 2 | 147 | 73 | 3 | 5 | 5 | 3 | 0 | 65 | 68 | — 5 | 0 | 3.6 | — 0.1 | 3.3 | 115 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 9 | 4 | 36 | 05 | 96 | 82 | 0 | 156 | 73 | 0 | 0 | 9 | 3 | 0 | 64 | 64 | / | 0 | 2.2 | — 1.6 | 1.7 | 94 |
| | Brahmanbaria | 000 | 0 | 4 | 08 | 00 | 96 | 01 | 1 | 124 | 74 | 4 | 0 | 9 | 2 | 0 | 66 | 78 | 0r0 | 0 | 2 | 05 | 07 | 97 | 01 | 1 | 158 | 77 | 2 | 0 | 9 | 4 | 0 | 65 | 64 | — | — | 2.5 | — 0.6 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 4 | 27 | 03 | 96 | 02 | 2 | 117 | 70 | 2 | 0 | 5 | 3 | 0 | 60 | 82 | 000 | 0 | 0 | 09 | 00 | 96 | 01 | 0 | 156 | 73 | 3 | 0 | 9 | 4 | 0 | 60 | 59 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 005 | 9 | 3 | 18 | 05 | 96 | 02 | 9 | 127 | 69 | 3 | 0 | 9 | 7 | 2 | 59 | // | | / | — | — | — | 58 |
| Dacca | Mymensingh | 000 | 0 | 2 | 00 | 00 | 95 | 01 | 1 | 119 | 77 | 2 | 0 | 7 | 1 | 0 | 70 | 78 | 000 | 8 | 4 | 13 | 02 | 97 | 01 | 1 | 167 | 73 | 2 | 5 | 7 | 1 | 0 | 62 | 62 | — 7 | 0 | — | — | — | 91 |
| | Narayanganj | 000 | 0 | 3 | 00 | 00 | // | 01 | 1 | 126 | 76 | 0 | 6 | 4 | / | / | 70 | 80 | 000 | 0 | 3 | 05 | 02 | 97 | 02 | 1 | 160 | 81 | 3 | 6 | 6 | 0 | 0 | 73 | 65 | — 7 | 0 | 2.9 | — 0.1 | 1.5 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 2 | 130 | 76 | 2 | 0 | 9 | 6 | 0 | 65 | 80 | 000 | 0 | 3 | 13 | 02 | 96 | 05 | 4 | 152 | 73 | 3 | 0 | 9 | 4 | 0 | 64 | 64 | — | — | 2.8 | | 1.2 | — |
| | Faridpur | 000 | 0 | 2 | 07 | 00 | // | 01 | 1 | 117 | 72 | 2 | 5 | 6 | 0 | 0 | 65 | 77 | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | 147 | 73 | 2 | 4 | 6 | 0 | 0 | 68 | // | — 10 | / | 3.6 | + 0.3 | 2.0 | 71 |
| Khulna | Barisal | 000 | 0 | 7 | 00 | 00 | 95 | 00 | 2 | 118 | 76 | 4 | 4 | 5 | 2 | 0 | 72 | 75 | 004 | 0 | 7 | 05 | 07 | 96 | 01 | 2 | 154 | 73 | 5 | 4 | 4 | 5 | 0 | 65 | 65 | + 7 | — 1 | 2.2 | — 1.3 | 1.3 | 81 |
| | Khulna | 000 | 0 | 2 | 00 | 00 | 97 | 00 | 0 | 129 | 77 | 2 | 0 | 9 | 0 | 0 | 76 | 80 | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 160 | 75 | 2 | 0 | 9 | 0 | 0 | 69 | 69 | — 9 | + 3 | 4.5 | + 1.5 | 3.1 | 68 |
| | Satkhira | 008 | 8 | 4 | 00 | 00 | 97 | 02 | 1 | 118 | 77 | 4 | 0 | 9 | 3 | 0 | 70 | 89 | 000 | 0 | 5 | 36 | 02 | 97 | 02 | 1 | 161 | 75 | 4 | 1 | 9 | 0 | 0 | 49 | 65 | — 10 | 0 | 3.0 | — 0.6 | 2.8 | 65 |
| | Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 2 | 3 | 06 | 05 | 96 | 05 | 4 | 158 | 75 | 0 | 0 | 9 | 3 | 0 | 69 | 64 | | — | 4.7 | + 1.4 | 3.6 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 1 | 114 | 76 | 0 | 0 | 9 | 0 | 0 | 66 | 82 | 000 | 0 | 4 | 13 | 02 | 98 | 03 | 1 | 156 | // | 4 | 0 | 9 | 0 | 2 | 62 | 62 | — | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | 000 | 0 | 4 | 00 | 00 | 93 | 01 | 2 | 114 | 78 | 4 | 0 | 7 | 3 | 0 | 68 | 80 | 008 | 0 | 6 | 00 | 00 | 98 | 03 | 0 | 158 | 73 | 6 | 0 | 7 | 4 | 0 | 64 | 62 | — 6 | + 1 | 2.2 | — 0.1 | 1.9 | 64 |
| | Rajshahi | 000 | 0 | 1 | 00 | 00 | 95 | 00 | 0 | 121 | 77 | 0 | 0 | 9 | 0 | 0 | 62 | 80 | 000 | 0 | 7 | 31 | 02 | 95 | 03 | 0 | 167 | 73 | 4 | 6 | 7 | 7 | 1 | 47 | 64 | — 7 | + 3 | 4.5 | + 2.4 | 1.6 | — |
| | Bogra | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 2 | 112 | 76 | 1 | 5 | 5 | 3 | / | 59 | 81 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 6 | | | | | 69 |
| | Dinajpur | 000 | 0 | 0 | 00 | 80 | 95 | 00 | 8 | 109 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 84 | 800 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 158 | 77 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | — 2 | + 4 | 1.7 | + 0.1 | 0.9 | 73 |
| | Rangpur | 000 | 0 | 1 | 00 | 08 | 96 | 01 | 0 | 078 | 66 | 1 | 0 | 9 | 1 | 0 | 59 | 80 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 128 | 69 | 0 | 0 | 9 | 0 | 0 | 64 | 56 | — 4 | — 1 | 2.7 | + 1.0 | 1.2 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 1 | 128 | 76 | 0 | 0 | 9 | 0 | 2 | 49 | 78 | 000 | 0 | 4 | 00 | 00 | 96 | 05 | 0 | 152 | 60 | 0 | 0 | 9 | 0 | 4 | 49 | 54 | + 2 | + 4 | 1.7 | — 1.2 | 1.7 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 127 | 75 | 0 | 0 | 9 | 0 | 0 | 64 | 84 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 130 | 60 | 0 | 0 | 9 | 0 | 0 | 47 | // | + 7 | | — | — | — | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 2 | 23 | 02 | 98 | 02 | 0 | 130 | 77 | 0 | 0 | 9 | 0 | 1 | 45 | 81 | 000 | 0 | 3 | 00 | 08 | 97 | 03 | 0 | 157 | 58 | 0 | 0 | 9 | 0 | 1 | 46 | 52 | — | — | — | — | — | — |
| | Islamabad | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 0 | /// | 69 | 0 | 2 | 7 | 0 | 0 | 24 | 69 | 008 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | /// | 58 | 2 | 3 | 6 | 4 | 0 | 38 | 50 | — | — | 5.8 | — | 5.8 | — |
| | Rawalpindi | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 141 | 70 | 1 | 2 | 8 | 0 | 0 | 48 | 76 | 000 | 0 | 3 | 27 | 03 | 97 | 00 | 0 | 172 | 54 | 0 | 0 | 9 | 0 | 8 | 43 | 47 | + 4 | 0 | 5.7 | — 1.4 | 5.6 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 106 | 74 | 6 | 8 | 9 | 0 | 0 | 51 | 78 | 000 | 0 | 8 | 36 | // | 96 | 02 | 2 | 149 | 60 | 5 | 4 | 9 | 4 | 0 | 41 | 56 | — 1 | + 3 | 1.5 | — 0.9 | 1.5 | 13 |
| | Sargodha | 000 | 0 | 4 | 05 | 03 | 97 | 02 | 0 | 130 | 76 | 1 | 5 | 6 | 0 | 1 | 39 | // | 000 | 0 | 7 | 36 | 03 | 96 | 04 | 1 | 150 | 58 | 1 | 5 | 6 | 3 | 2 | 49 | 51 | — | — | 1.8 | — | 1.3 | — |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 96 | 02 | 0 | 130 | 72 | 0 | 0 | 9 | 0 | 4 | 51 | 76 | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 141 | 58 | 4 | 0 | 9 | 2 | 0 | 49 | 51 | — 3 | 0 | 1.2 | — 0.2 | 0.9 | 12 |
| Multan | Sahiwal | 000 | 0 | 8 | 05 | 03 | 97 | 02 | 2 | 119 | 76 | 3 | 5 | 6 | 7 | / | 41 | 78 | 002 | 9 | 8 | 31 | 05 | 97 | 02 | 5 | 155 | 60 | 3 | 5 | 6 | 2 | 0 | 49 | 58 | — 2 | + 4 | 0.7 | — 0.5 | 0.7 | 18 |
| | Multan | 000 | 0 | 6 | 36 | 01 | 92 | 00 | 0 | 112 | 60 | 0 | 8 | 9 | 0 | 0 | 45 | 51 | 000 | 0 | 0 | 36 | 02 | 92 | 00 | 9 | 169 | 59 | 0 | 0 | 9 | 0 | 0 | 49 | 54 | — | — | — | | — | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 8 | 05 | 07 | 96 | 05 | 2 | 102 | 73 | 4 | 5 | 6 | 2 | 1 | 60 | 85 | 800 | 0 | 8 | 05 | 14 | 96 | 07 | 6 | 124 | 64 | 5 | 5 | 6 | 3 | 1 | 50 | 60 | 0 | + 7 | 1.8 | + 1.0 | 1.5 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 08 | 00 | 94 | 00 | 0 | 117 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 82 | 000 | 9 | 0 | 00 | 00 | 94 | 05 | 0 | 144 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 62 | 0 | + 8 | — | — | — | 6 |
| | Fort Abbas | 000 | 9 | 4 | 05 | 02 | 97 | 01 | 9 | 086 | 79 | 0 | 0 | 9 | 4 | 0 | 64 | 81 | 000 | 8 | 4 | 05 | 02 | 98 | 00 | 9 | 126 | 60 | 0 | 0 | 9 | 0 | 4 | 50 | 58 | | — | — | — | — | 8 |
| Malakand | Chakdara | 000 | 0 | 2 | 23 | 02 | 97 | 03 | 2 | 117 | 69 | 2 | 1 | 7 | 0 | 0 | 43 | 69 | 000 | 0 | 0 | 05 | 07 | 97 | 02 | 1 | 176 | 49 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | — | — | — | — | — | — |
| Peshawar | Peshawar | 000 | 0 | 4 | 18 | 03 | 97 | 02 | 1 | 130 | 72 | 1 | 1 | 6 | 0 | 1 | 49 | 74 | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 1 | 174 | 56 | 7 | 0 | 9 | 2 | 0 | 47 | 51 | + 1 | + 2 | 2.6 | — 1.2 | 2.0 | 11 |
| | Haripur | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 097 | 70 | 0 | 0 | 9 | 0 | 0 | 41 | 72 | 000 | 0 | 4 | 03 | 01 | 97 | 00 | 0 | 164 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 47 | — | — | 5.6 | — | 4.7 | — |
| D. I. Khan | Bannu | 000 | 0 | 8 | 18 | 02 | 99 | 02 | 1 | 139 | 74 | 0 | 0 | 9 | 4 | 7 | 38 | 76 | 000 | 0 | 7 | 09 | 01 | 98 | 04 | 2 | 167 | 58 | 7 | 2 | 7 | 0 | 0 | 47 | 54 | — | — | — | — | — | 11 |
| | D. I. Khan | 000 | 0 | 8 | 05 | 02 | 97 | 02 | 0 | 126 | 78 | 0 | 0 | 9 | 0 | 0 | 50 | 76 | 000 | 3 | 8 | 00 | 00 | 96 | 03 | 2 | 161 | // | 6 | 0 | 8 | 4 | 0 | 54 | 58 | + 4 | + 6 | 6.9 | + 5.2 | 6.9 | 9 |
| Quetta | Sibi | 000 | 0 | 8 | 18 | 08 | 97 | 03 | 1 | 109 | 74 | 6 | 0 | 9 | 5 | 2 | 58 | 82 | 020 | 0 | 8 | 18 | 03 | 97 | 03 | 1 | 148 | 58 | 6 | 2 | 9 | 5 | 2 | 50 | 56 | — | — | 0.5 | — | 0.5 | 8 |
| | Nokkundi | 052 | 8 | 8 | 18 | 03 | 96 | 53 | 5 | 094 | 51 | 5 | 5 | 5 | 2 | / | 31 | 65 | 005 | 4 | 0 | 23 | 03 | 96 | 03 | 0 | 121 | 50 | 5 | 6 | 7 | 0 | 0 | 50 | 49 | — | — | 1.9 | — | 1.9 | 8 |
| Kalat | Turbat | 002 | 5 | 0 | 31 | 02 | 98 | 21 | 6 | 133 | 62 | / | 2 | 9 | 9 | 8 | 55 | 62 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Jiwani | 000 | 8 | 4 | 18 | 09 | 96 | 01 | 1 | 035 | 75 | 3 | 5 | 5 | 0 | 1 | 60 | 79 | 008 | 9 | 3 | 36 | 03 | 96 | 04 | 9 | 097 | 66 | 5 | 5 | 9 | 4 | 4 | // | 57 | — | — | 8.8 | — | 7.9 | 8 |
| | Pasni | 000 | 8 | 3 | 11 | 03 | 97 | 91 | 3 | 065 | 69 | 4 | 4 | 9 | 0 | 0 | 61 | 84 | 000 | 0 | 4 | 29 | 04 | 97 | 02 | 0 | 088 | 59 | 4 | 0 | 9 | 0 | 0 | 59 | // | + 2 | / | 2.5 | — 1.8 | 2.5 | 6 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 008 | 0 | 7 | 05 | 09 | 96 | 03 | 2 | 068 | 76 | 7 | 7 | 4 | 8 | 0 | 57 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 8 |
| | Karachi (Ariport) | 000 | 0 | 8 | 09 | 09 | 97 | 02 | 3 | 070 | 72 | 2 | 4 | 5 | 4 | 0 | 57 | 80 | 122 | 9 | 5 | 05 | 10 | 96 | 02 | 9 | 099 | 63 | 3 | 4 | 5 | 2 | 0 | 56 | 58 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 84 | 0 | 0 | 9 | 0 | 0 | 42 | 81 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Chhor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| | Hyderabad | 000 | 6 | 7 | 05 | 05 | 97 | 03 | 5 | 081 | 77 | 2 | 2 | 6 | 3 | 0 | 52 | 76 | 064 | 9 | 7 | 36 | 07 | 97 | 01 | 4 | 111 | 60 | 5 | 6 | 5 | 3 | 1 | 58 | 59 | — 13 | — 2 | 1.2 | + 0.5 | 1.2 | 9 |
| | Badin | 000 | 0 | 6 | 36 | 08 | 96 | 03 | 0 | 083 | 74 | 8 | 0 | 9 | 0 | 0 | 61 | 79 | 000 | 0 | 4 | 36 | 08 | 96 | 03 | 0 | 101 | 61 | 4 | 0 | 9 | 0 | 0 | 57 | 59 | — 11 | — 1 | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 001 | 4 | 7 | 31 | 07 | 95 | 05 | 6 | 092 | 73 | 3 | 4 | 6 | 3 | 0 | 54 | 74 | 030 | 8 | 8 | 36 | 07 | 96 | 63 | 6 | 122 | 59 | 1 | 2 | 2 | 5 | 9 | 57 | 57 | | — | 0.6 | — | 0.6 | — |
| | Nawabshah | 000 | 0 | 7 | 36 | 05 | 96 | 05 | 2 | /// | // | 5 | 0 | 9 | 5 | 4 | 75 | 75 | 024 | 3 | 8 | 36 | 07 | 96 | 02 | 9 | 123 | 59 | 2 | 4 | 9 | 2 | 0 | 57 | // | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 8 | 7 | 16 | 09 | 95 | 05 | 4 | 067 | 70 | 7 | 0 | 9 | 9 | 0 | 52 | 73 | 022 | 9 | 7 | 31 | 02 | 96 | 56 | 5 | 119 | 60 | 7 | 0 | 9 | 9 | 0 | 56 | 59 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 8 | 09 | 10 | 96 | 07 | 1 | 097 | 75 | 4 | 5 | 6 | 2 | / | 59 | 76 | 015 | 8 | 8 | 31 | 07 | 96 | 50 | 6 | 120 | 60 | 3 | 5 | 5 | 7 | / | 59 | 59 | — 10 | + 7 | 2.1 | + 1.2 | 2.0 | 10 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 3 | 00 | 00 | 98 | 02 | 2 | 306 | 58 | 3 | 1 | 7 | 0 | 0 | 41 | 64 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 9 | | | | | 29 |
| Peshawar | Cherat * | 000 | 0 | 0 | 36 | 03 | 98 | 02 | 0 | 511 | 58 | 0 | 0 | 9 | 0 | 0 | 32 | 62 | 000 | 0 | 6 | 05 | 09 | 98 | 01 | 2 | [illegible] | 51 | 0 | 0 | 9 | 4 | 0 | 24 | 47 | + 4 | + 2 | 4.3 | — 4.0 | 3.7 | — |
| | Kakul * | 006 | 3 | 6 | 05 | 05 | 98 | 03 | 9 | 514 | 58 | 3 | 5 | 6 | 3 | 0 | 33 | 65 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 36 | 02 | 98 | 03 | 0 | 614 | 47 | 6 | 6 | 9 | 0 | 0 | 40 | 35 | | — | 4.2 | — | 3.5 | 29 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 2 | 331 | 45 | 3 | 5 | 6 | 2 | 1 | 30 | 40 | | + 4 | — | — | — | 18 |
| D. I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 96 | 03 | 0 | 520 | 40 | 6 | 0 | 9 | 0 | 0 | 44 | 62 | 000 | 0 | 8 | 05 | 05 | 96 | 02 | 0 | 516 | 54 | 8 | 0 | 9 | 0 | 0 | 41 | 50 | — | — | 0.1 | — 4.3 | 0.1 | 11 |
| | Wana * | 000 | 0 | 6 | 13 | 04 | 99 | 00 | 0 | 473 | 58 | 6 | 2 | 8 | 0 | 0 | 64 | 76 | 005 | 0 | 8 | 03 | 02 | 98 | 00 | 0 | 474 | 49 | 8 | 2 | 7 | 0 | 0 | 43 | 47 | — | — | — | — | — | 12 |
| Quetta | Fort Sandeman * | 000 | 5 | 7 | 05 | 09 | 96 | 05 | 1 | 480 | 59 | 6 | 4 | 6 | 1 | 0 | 32 | 61 | 000 | 0 | 8 | 05 | 05 | 96 | 53 | 2 | 504 | 47 | 6 | 6 | 7 | 2 | 0 | 43 | 56 | — 8 | + 12 | 1.5 | — 1.3 | 1.8 | — |
| | Hindubagh * | 000 | 0 | 8 | 31 | 03 | 97 | 03 | 0 | /// | 55 | 8 | 0 | 8 | 0 | 8 | 39 | 56 | 005 | 0 | 8 | 09 | 03 | 97 | 03 | 0 | /// | 40 | 8 | 8 | 3 | 0 | 0 | 31 | 27 | — | — | 1.3 | — | 1.1 | 9 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 490 | 48 | 0 | 0 | 9 | 0 | 0 | 45 | 48 | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 485 | 48 | 0 | 0 | 9 | 0 | 0 | 35 | 48 | — | — | 0.4 | — | 0.3 | — |
| | Barkhan * | 000 | 0 | 8 | 13 | 05 | 97 | 03 | 2 | 421 | 70 | 8 | 7 | 7 | 0 | 0 | 31 | 74 | 000 | 0 | 8 | 05 | 05 | 97 | 03 | 2 | 456 | 57 | 8 | 7 | 7 | 0 | 0 | 37 | 51 | — | — | — | — | — | 14 |
| | Harnai * | 000 | 0 | 3 | 13 | 02 | 96 | 03 | 0 | 460 | 63 | 0 | 8 | 7 | 0 | 8 | 48 | 70 | 012 | 3 | 8 | 31 | 01 | 96 | 50 | 5 | 468 | 52 | 0 | 0 | 6 | 0 | 8 | 48 | 51 | — | — | 1.9 | — 1.5 | 1.9 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 18 | 10 | 96 | 02 | 2 | 461 | 56 | 3 | 4 | 6 | 2 | / | 43 | 60 | 000 | : | 8 | 13 | 16 | 96 | 02 | 5 | 456 | 47 | 4 | 6 | 4 | 2 | 0 | 39 | 45 | — | — | 2.6 | — 2.1 | 1.9 | 9 |
| | Chaman * | 000 | 0 | 0 | 18 | 05 | 96 | 00 | 0 | 438 | 65 | 0 | 0 | 9 | 0 | 0 | 49 | 71 | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 499 | 51 | 0 | 0 | 9 | 0 | 0 | 38 | 45 | + 6 | + 1 | 7.7 | + 2.3 | 7.7 | — |
| | Nushki * | 000 | 0 | 4 | 13 | 08 | 98 | 07 | 3 | 488 | 65 | 0 | 0 | 9 | 0 | 2 | 31 | 76 | 002 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 503 | 52 | 0 | 5 | 9 | 0 | 2 | 21 | 51 | — | — | 3.1 | — | 3.0 | 4 |
| | Dalbandin * | 000 | 3 | 8 | 05 | 10 | 94 | 07 | 5 | 450 | 62 | 6 | 6 | 9 | 0 | 0 | 49 | 64 | 024 | 8 | 7 | 11 | 03 | 95 | 05 | 6 | 473 | 50 | 7 | 5 | 6 | 0 | 0 | 50 | 50 | — 8 | + 8 | 2.5 | — 0.1 | 2.6 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 09 | 02 | 97 | 00 | 2 | 457 | 45 | 0 | 0 | 9 | 0 | 0 | 37 | 56 | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 2 | 476 | 38 | 0 | 0 | 9 | 0 | 0 | 28 | 35 | — 3 | 0 | 1.5 | — 2.5 | 1.5 | — |
| | Khuzdar * | 003 | 3 | 8 | 00 | 00 | 96 | 02 | 6 | 449 | 55 | 4 | 5 | 6 | 2 | 0 | 43 | 57 | 010 | 3 | 8 | 00 | 00 | 96 | 60 | 6 | 454 | 48 | 4 | 5 | 6 | 2 | 0 | 46 | 47 | — | — | 1.8 | — | 1.5 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 7th MARCH, 1970

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 $L_a L_a L_o$ | $Q_c L_o L_o L_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_h C_L h C_M C_H$ | $D_s V_s$ a PP | 7RR $t_R t_R t_R t_R$ | 8$N_s Ch_s h_s$ | $OT_s T_s T_s T_s$ | $1T_w T_w T_w T_w$ | $3P_w P_w H_w H_w$ | d $d_w P_w H_w H$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Bamora | 99 2 50 | 10 6 03 | 06 0 03 | 19 6 06 | 98 0 20 | 04 6 21 | 00 9 00 | 17 3 01 | | | 05 7 54 | ... | 30 3 08 | ... |
| Mistipolloys | 99 2 30 | 10 6 02 | 10 5 01 | 12 1 09 | 98 0 20 | 08 6 24 | 62 4 00 | 01 7 92 | | | 01 / 20 | 13 4 / / | 30 3 01 | 00 / // |
| Chavronmadrid | 99 1 89 | 10 5 84 | 06 0 63 | 03 2 19 | 98 0 20 | 11 7 24 | 00 9 05 | 12 9 46 | | | 01 / 10 | 13 4 30 | 30 3 02 | – |
| Chavronmadrid | 99 1 74 | 10 5 90 | 06 1 23 | 03 2 12 | 97 0 20 | 08 1 25 | 00 9 00 | 07 6 20 | | | 01 / 06 | 12 5 19 | 30 2 01 | – |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | hhh TTa DD | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 009 298 20 | ... | 500 140 56 | 095 038 56 | 575 137 00 | 743 231 57 | 951 328 58 | 236 523 // | 407 657 // | 645 789 // | ... | ... | ... |
| Dacca | 00 00 | 000 300 25 | ... | 460 122 57 | /// 345 06 | 573 145 56 | 739 247 58 | 944 339 56 | 319 513 // | 401 637 // | 642 777 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 999 164 57 | ... | 450 060 00 | 051 085 // | 565 181 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 974 116 44 | ... | 495 106 48 | 077 000 45 | 576 145 // | 736 245 // | 940 341 // | 210 547 // | 394 555 // | ... | ... | ... | ... |
| Quetta | 00 00 | 816 050 25 | ... | /// /// // | 023 039 // | 589 223 // | 718 375 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 992 110 50 | ... | 480 110 50 | 077 028 50 | 571 135 // | 738 211 // | 943 321 // | 226 411 // | 420 441 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPm dmdm fmfmfm | $P_t T_t P_t T_t T_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 164 30 | 800 100 49 | 650 005 33 | 600 047 00 | 491 151 00 | 464 141 57 | 350 279 57 | ... | ... | 100 789 // | ... | ... |
| Dacca | 00 00 | 900 146 56 | 800 094 57 | 660 000 56 | 600 065 57 | 850 297 57 | ... | ... | ... | ... | | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | | | | | | | | | | | | |
| Quetta | 00 00 | 800 024 // | 749 000 // | 680 119 // | 350 461 // | 326 519 // | ... | ... | ... | ... | 298 120 47 | ... | ... |
| Sargodha | 00 00 | – | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 095 10 | 060 01 | 250 21 | 220 17 | 300 14 | 230 11 | 290 21 | /// // | 280 25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 130 06 | 125 07 | 120 07 | 125 06 | 290 13 | 265 25 | ... | ... | ... | 345 04 | 350 02 | 015 07 | 360 07 | ... | ... | 005 05 | 085 05 | 345 08 | 345 06 | 335 13 | 295 23 | ... | ... | ... | ... | ... |
| Chaklala | . | 290 06 | 225 05 | 205 03 | 125 07 | 305 13 | 275 13 | 305 13 | 285 13 | ... | 065 05 | 060 06 | 100 04 | 270 03 | 240 06 | ... | 265 04 | 195 02 | 055 03 | 070 05 | 100 04 | 150 08 | 160 09 | 170 12 | ... | ... |
| Ghizer | ... | ... | 105 15 | 125 18 | 140 33 | ... | ... | ... | ... | 065 13 | 095 13 | 150 18 | 155 18 | ... | ... | 010 09 | 100 07 | 175 09 | 205 19 | 275 35 | 220 30 | ... | ... | ... | ... | ... |
| Chittagong | 020 03 | 350 03 | 295 03 | 260 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 345 05 | 285 04 | 285 04 | 270 09 | 215 11 | 225 12 | 230 27 | 240 41 | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 335 15 | 345 10 | 345 10 | 320 06 | 325 15 | 395 20 | ... | ... | ... | 010 16 | 050 16 | 330 18 | 295 09 | 295 11 | 290 16 | 335 10 | 335 08 | 340 07 | 025 08 | 010 15 | 040 15 | ... | ... | ... | ... | ... |
| Dacca | 120 04 | 120 04 | 115 03 | 190 06 | 265 12 | 315 10 | 245 19 | 280 28 | 265 37 | 045 08 | 045 08 | 345 09 | 300 17 | 255 13 | 265 19 | 045 08 | 010 08 | 345 09 | 265 12 | 260 12 | 250 18 | 245 13 | ... | ... | ... | ... |
| Dalbandin | ... | ... | 105 15 | 125 18 | 140 33 | ... | ... | ... | ... | ... | ... | 080 05 | 100 14 | 115 22 | ... | ... | ... | 080 05 | 135 11 | 150 20 | 165 27 | ... | ... | ... | ... | ... |
| D. I. Khan | 030 08 | 030 09 | 025 09 | 045 07 | 100 07 | 175 09 | 200 16 | ... | ... | 030 04 | 045 03 | 020 02 | 155 05 | 250 03 | 290 04 | 310 07 | 005 06 | 015 08 | 030 07 | 125 10 | 130 21 | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | 045 01 | 315 02 | 045 01 | 165 07 | 315 03 | 305 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 090 14 | 100 12 | 145 12 | 165 31 | ... | ... | ... | ... | ... | 070 12 | 160 12 | 150 19 | ... | ... | ... | 035 04 | 070 15 | 145 29 | ... | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | 330 03 | 040 05 | 200 02 | 245 02 | 511 31 | 195 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 105 04 | 125 03 | 115 03 | 255 02 | 315 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 035 05 | 055 06 | 090 12 | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 260 20 | 265 26 | 275 30 | ... | ... | ... | ... | ... | ... | 215 17 | 340 12 | 005 15 | 040 30 | 070 41 | ... | 040 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore | 080 04 | 100 04 | 070 05 | 050 03 | 275 07 | 295 10 | 245 17 | 240 27 | 240 30 | 015 01 | 060 06 | 030 05 | 215 01 | 200 04 | 255 06 | 100 03 | 105 02 | 060 09 | 280 04 | 270 09 | 235 12 | ... | ... | ... | ... | ... |
| Jhelum | 270 04 | 225 05 | 265 02 | 145 01 | 240 02 | 330 06 | 241 07 | 255 19 | 280 19 | 330 07 | 010 04 | 060 01 | 035 07 | 005 09 | 355 10 | 315 07 | 330 05 | 345 02 | 150 03 | 275 07 | 080 02 | 205 20 | 210 16 | 205 20 | 225 16 | 240 29 |
| Jiwani | 185 16 | 190 09 | 190 08 | 245 07 | 270 12 | 230 16 | 235 20 | 245 11 | 320 07 | 070 13 | 100 15 | 100 18 | 050 07 | 065 08 | 305 07 | 090 10 | 105 11 | 115 10 | 235 04 | 295 05 | 230 05 | ... | ... | ... | ... | ... |
| Karachi | 055 16 | 070 12 | 120 09 | 150 12 | 155 14 | – | ... | ... | . | 080 20 | 075 24 | 095 25 | 135 17 | 165 14 | ... | 090 15 | 140 14 | 155 12 | 180 02 | 180 15 | 205 22 | 265 22 | 265 25 | 260 36 | ... | ... |
| Khanpur | 040 10 | 045 17 | 065 19 | /// // | 105 17 | ... | ... | ... | . | 025 13 | 030 17 | ... | ... | ... | ... | 050 10 | 095 15 | 220 20 | 165 21 | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 150 04 | 115 05 | 130 16 | ... | ... | ... | ... | ... | ... | 115 12 | 110 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 350 03 | 345 04 | 350 04 | 055 04 | 080 05 | 295 04 | 260 08 | 270 10 | 265 15 | 060 09 | 065 10 | 075 09 | 055 12 | 050 05 | 330 04 | 125 03 | 135 06 | 100 08 | 090 07 | 060 07 | 040 06 | 210 08 | 185 09 | 180 11 | 200 10 | 230 23 |
| Multan | 050 15 | 050 21 | 050 27 | 080 19 | 115 27 | 175 24 | ... | ... | ... | 075 23 | 065 26 | 065 28 | 105 58 | 145 03 | ... | 030 10 | 095 12 | 115 12 | 128 15 | 120 32 | 140 38 | ... | ... | ... | ... | ... |
| Nawab Shah | 340 11 | 340 11 | 355 09 | 030 07 | 045 07 | ... | ... | ... | ... | 340 27 | 355 28 | 005 31 | 030 29 | ... | ... | 335 25 | 125 14 | 115 06 | 210 04 | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | 110 05 | 140 08 | 171 0 | .. | ... | ... | 200 02 | 170 05 | 165 14 | ... | ... | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 145 02 | 085 03 | 335 06 | 010 06 | 020 06 | 285 11 | 285 22 | 290 27 | ... | 320 03 | 335 05 | 360 07 | 015 09 | 270 05 | ... | 345 04 | 345 06 | 335 06 | 230 03 | 280 06 | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 145 16 | 110 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 170 14 | 200 29 | ... | ... | ... | ... | ... |
| Sargodha | 060 04 | 065 05 | 065 06 | 060 03 | 255 01 | 245 10 | 255 10 | 265 11 | 235 15 | 060 03 | 060 05 | 050 05 | 005 06 | 255 09 | 260 11 | 015 03 | 075 04 | 065 04 | 190 07 | 140 10 | 145 12 | 190 13 | 215 14 | 255 17 | 255 19 | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 025 04 | 055 22 | ... | ... | ... | ... | ... | 055 04 | 095 04 | 155 04 | 155 13 | 190 16 | ... | ... |
| Sylhet | 285 04 | 270 03 | 210 03 | 225 06 | 270 02 | 270 19 | ... | ... | ... | 070 05 | 045 03 | 060 05 | 255 08 | 260 15 | 235 24 | 106 05 | 115 06 | 115 05 | 345 06 | 280 18 | 265 27 | 255 29 | 260 37 | 255 53 | 260 70 | 255 70 |
| Yarawal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | | | | | | | | | | | | | | | | | | |
| Multan | 010 54 | 030 46 | 075 45 | 090 43 | 135 37 | 190 35 | 175 23 | 205 18 | 205 14 | 205 21 | – | ... | ... | ... | ... | ... | ... | – |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

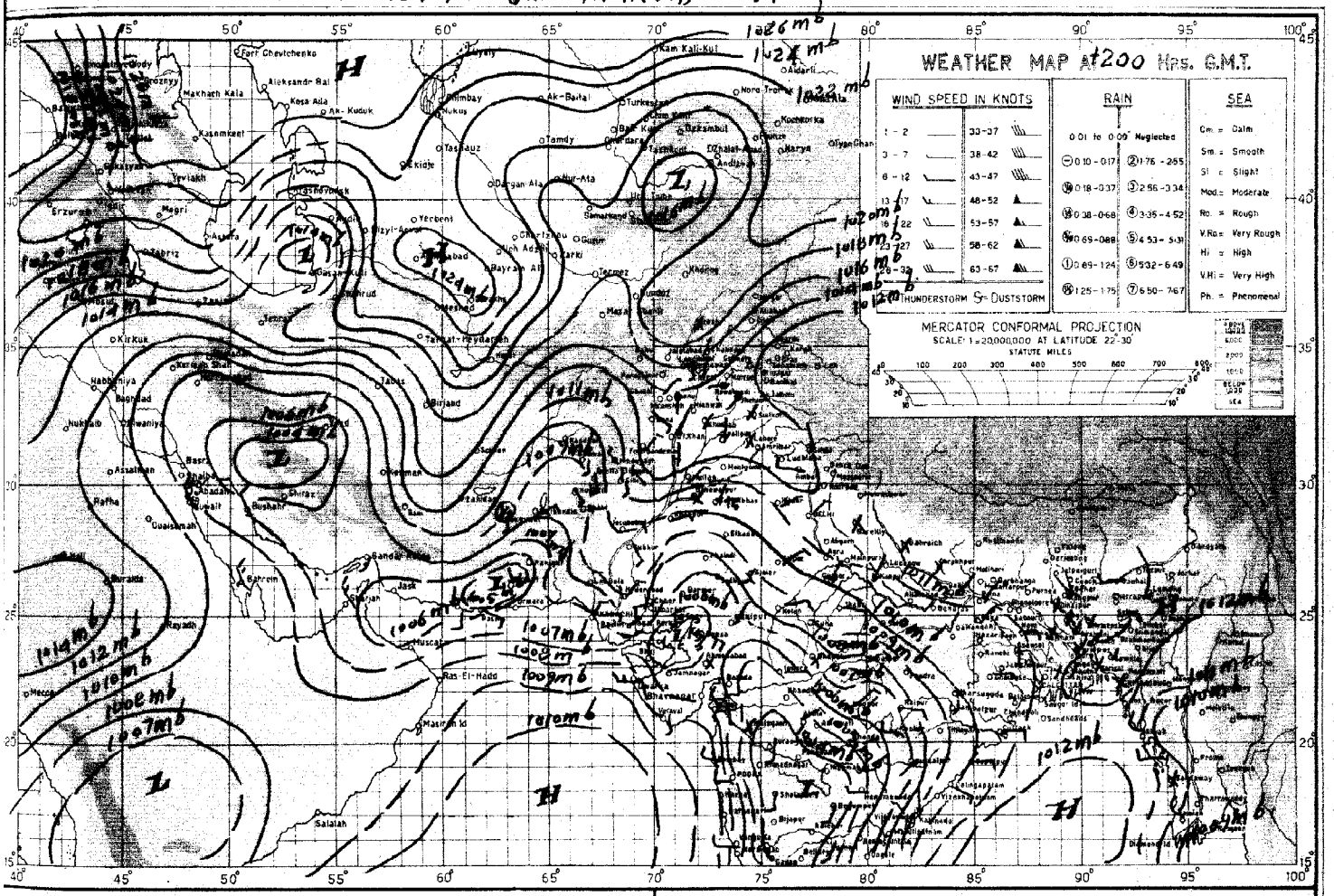
* The actual time of observations may vary within half an hour of the specified time.

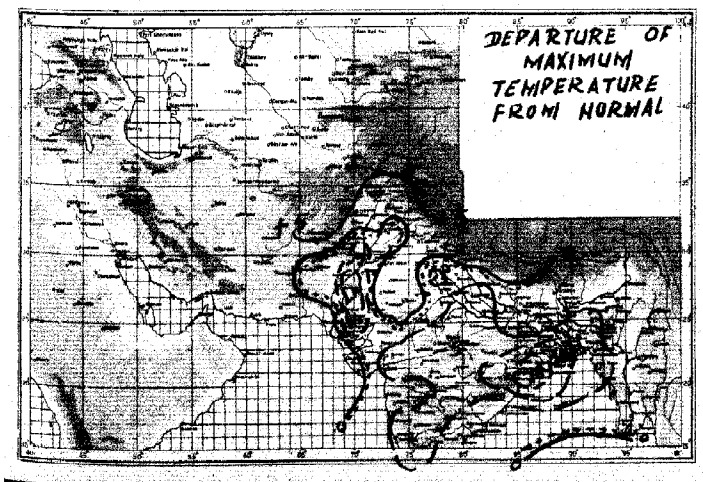
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

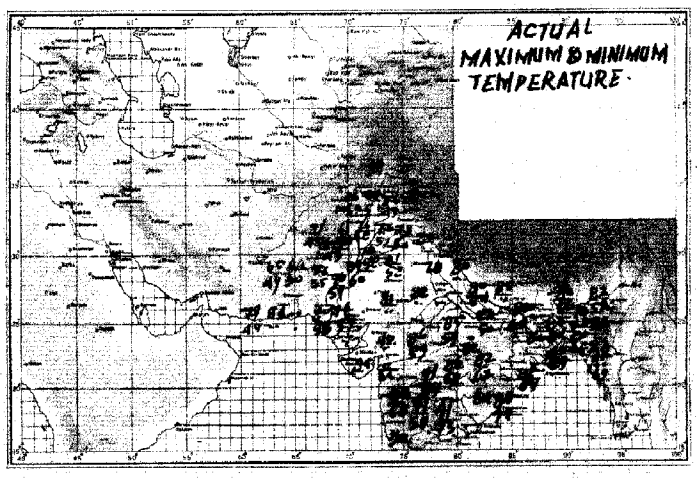
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

FRIDAY 6th MARCH, 1970

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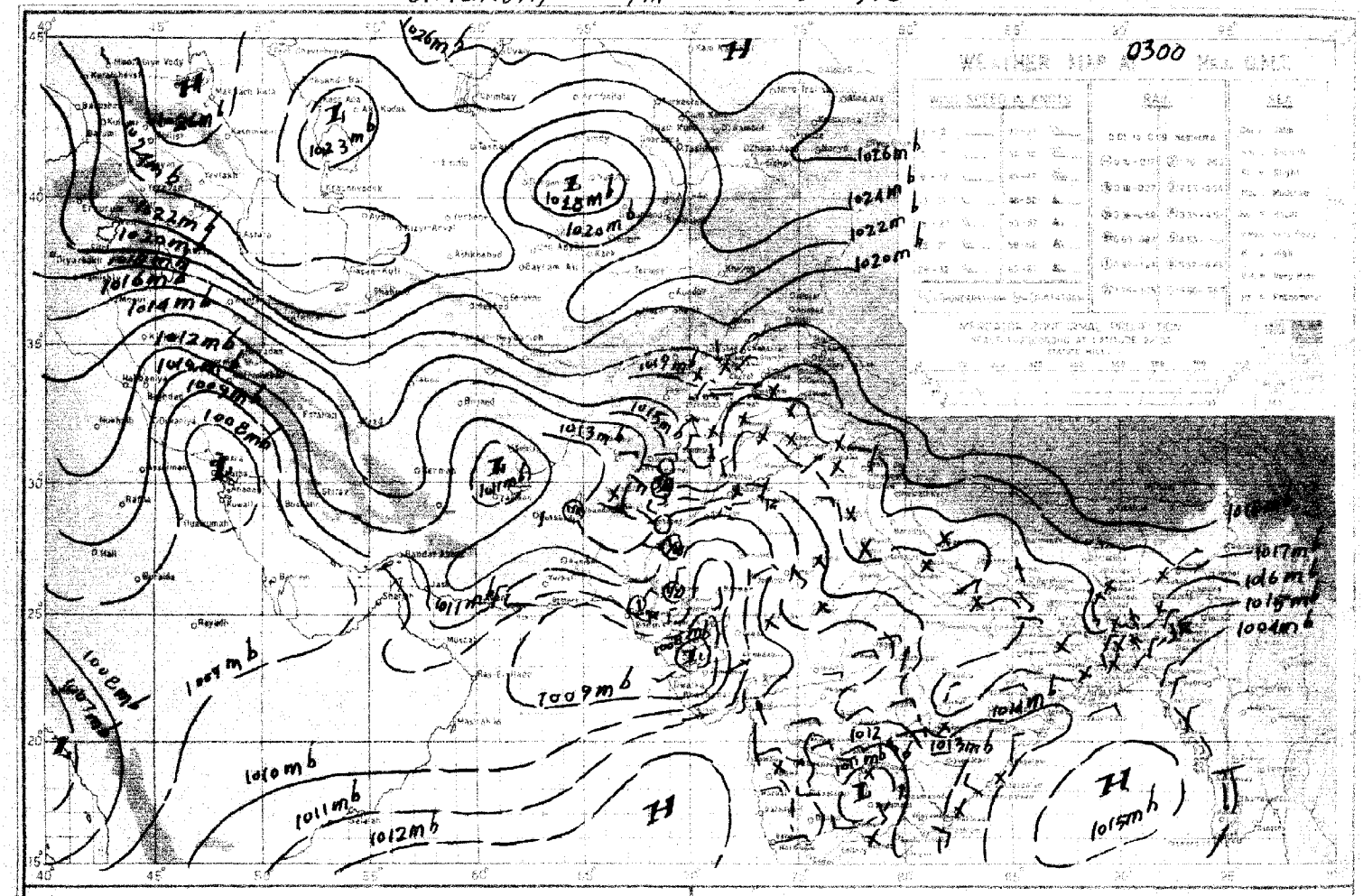
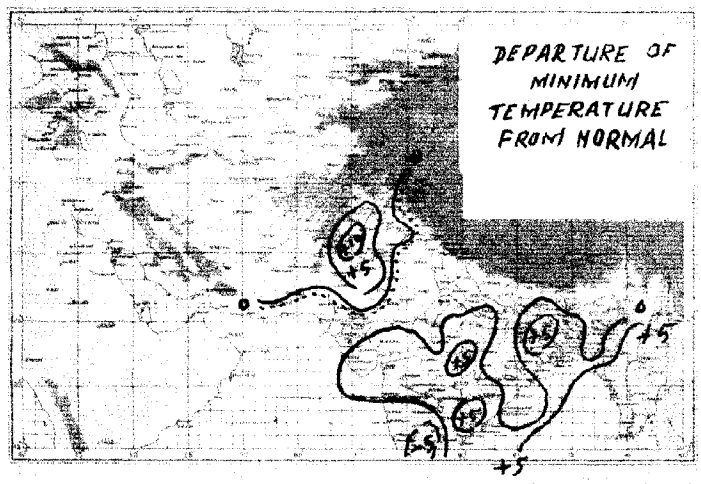
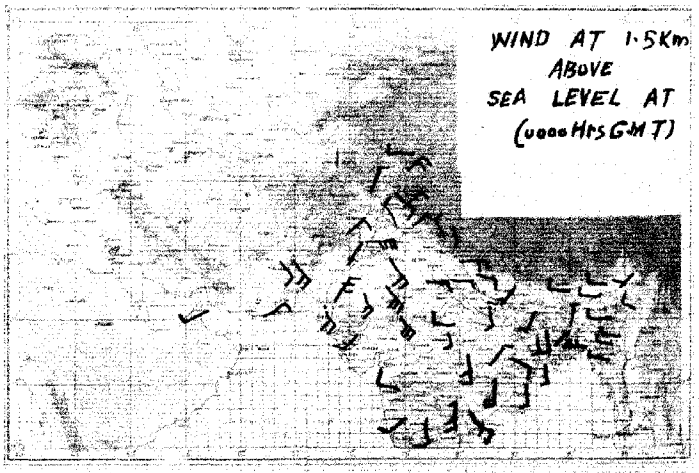
# PAKISTAN DAILY WEATHER MAP

SATURDAY 7th MARCH, 1970

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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 8th MARCH, 1970.**

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

Yesterday's secondary western disturbance over west Rajasthan now lies over Rajasthau and adjoining west Puujab.
A trough of low pressure extends from East Perssian Gulf north Arabian Sea.
The western disturbance over Quetta and D. I. Khan divisions is now moving across Lahore division.
A fresh western disturbance lies over Quetta division and adjoining Afghanistan.
The trough of low pressure over Orissa lies over East Pakistan and adjoining head Bay of Bengal.
Rain/thundershowers have been local in Quetta division and scattered in Bahawalpur and Peshawar divisions.
A few thunderstorm/light rain have also been reported from Sargodha, D. I. Khan, Kalat, Khairpur and Chittagong divisions, Parachinar and Haripur each recorded ¼" rainfall, weather remained dry elsewhere over the country.
Night temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan, Lahore, Sargodha and Multan divisions and 7–11 °F (4—6 °C) so in Bahawalpur, Peshawar and D. I. Khan divisions and 3–6 °F (2–3 °C) below normal in Quetta division.
**Forecast valid until the evening of 9th March 1970 :**—Rain/thundershowers will be local in Quetta, D. I. Khan, Malakand, Peshawar, Rawalpindi and Lahore divisions and Kashmir, and scattered elsewhere over the country outside Hyderabad and Khairpur divisions.

Karachi-11
The 8th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 5 | 31 | 02 | 98 | 02 | 2 | 127 | 78 | 4 | 3 | 6 | 7 | | 65 | 78 |
| | Cox's Bazar | 000 | 0 | 4 | 36 | 12 | 94 | 20 | 3 | 116 | 78 | 1 | 3 | 5 | 4 | 0 | 66 | 85 |
| | Chittagong | 000 | 0 | 5 | 31 | 02 | 96 | 01 | 2 | 119 | 78 | 5 | 0 | 9 | 3 | 0 | 70 | 85 |
| | Maijdee Court | 009 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 111 | 80 | 6 | 5 | 5 | 2 | 1 | 66 | 80 |
| | Comilla | 080 | 0 | 4 | 00 | 00 | 96 | 02 | 1 | 116 | 82 | 4 | 4 | 7 | 0 | 0 | // | 86 |
| | Brahmanbaria | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 119 | 80 | 6 | 0 | 9 | 7 | 0 | 60 | 85 |
| | Sylhet | 000 | 0 | 4 | 23 | 05 | 96 | 02 | 2 | 115 | 78 | 0 | 0 | 9 | 3 | 0 | 59 | 80 |
| | Srimangal | 000 | 0 | 0 | 08 | 00 | 94 | 00 | 0 | 112 | 74 | 0 | 0 | 9 | 0 | 0 | 60 | 80 |
| Dacca | Mymensingh | 000 | 0 | 4 | 31 | 02 | 96 | 01 | 1 | 126 | 90 | 4 | 0 | 7 | 1 | 0 | 58 | 82 |
| | Narayanganj | 000 | 0 | 3 | 00 | 00 | // | 00 | 0 | 122 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| | Dacca (Tezgaon) | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 118 | 82 | 6 | 0 | 9 | 4 | 0 | 58 | 87 |
| | Faridpur | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 118 | 80 | 7 | 5 | 5 | 1 | 0 | 74 | 85 |
| Khulna | Barisal | ... | ... | ... | ... | ... | | ... | ... | | | | | ... | ... | ... | ... | ... |
| | Khulna | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 127 | 80 | 2 | 0 | 5 | 0 | 0 | 78 | 86 |
| | Satkhira | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 0 | 127 | 80 | 8 | 4 | 6 | 8 | 0 | 59 | 85 |
| | Jessore | 000 | 0 | 6 | 36 | 03 | 97 | 02 | 2 | 118 | 82 | 6 | 0 | 9 | 7 | 0 | 66 | 85 |
| Rajshahi | Pabna | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 113 | 80 | 6 | 0 | 9 | 3 | 0 | 70 | 85 |
| | Sirajganj | 000 | 0 | 6 | 00 | 00 | 93 | 02 | 2 | 118 | 82 | 6 | 0 | 7 | 3 | 0 | 58 | 85 |
| | Rajshahi | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | 121 | 80 | 6 | 0 | 9 | 3 | 0 | 65 | 85 |
| | Bogra | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 114 | 78 | 2 | 5 | 5 | 3 | 0 | 59 | 86 |
| | Dinajpur | 000 | 0 | 6 | 00 | 00 | 95 | 01 | 1 | 124 | 80 | 6 | 0 | 9 | 2 | / | 60 | 85 |
| | Rangpur | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 080 | 76 | 3 | 0 | 9 | 1 | 0 | 74 | 80 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 7 | 24 | 02 | 96 | 02 | 0 | 128 | 76 | 4 | 0 | 9 | 2 | 2 | 44 | 78 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 8 | 00 | 00 | 98 | 02 | 2 | 127 | 77 | 6 | 0 | 9 | 1 | 7 | 48 | 80 |
| | Islamabad | ... | ... | ... | ... | ... | | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... |
| | Rawalpindi | 000 | 0 | 8 | 27 | 03 | 98 | 02 | 2 | 144 | 66 | 6 | 0 | 9 | 4 | 8 | 48 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 142 | 76 | 5 | 2 | 9 | 6 | 0 | 55 | 78 |
| | Sargodha | 000 | 0 | 8 | 05 | 03 | 97 | 02 | 2 | 129 | 77 | 2 | 5 | 6 | 3 | 7 | 45 | 78 |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 96 | 02 | 3 | 130 | 72 | 4 | 3 | 8 | 0 | 0 | 50 | 77 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 8 | 09 | 02 | 97 | 02 | 2 | 149 | 76 | 3 | 5 | 6 | 1 | / | 49 | 77 |
| | Leiah | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 141 | 80 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| Bahawalpur | Khanpur | 006 | 9 | 8 | 02 | 05 | 96 | 06 | 0 | 131 | 65 | 5 | 5 | 5 | 2 | / | 52 | 70 |
| | Bahawalpur | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | 090 | 76 | 0 | 0 | 9 | / | / | 51 | 77 |
| | Fort Abbas | 000 | 0 | 4 | 05 | 07 | 98 | 01 | 9 | 092 | 78 | 0 | 0 | 9 | 0 | 0 | 65 | 78 |
| Malakand | Chakdra | 000 | 0 | 6 | 23 | 02 | 98 | 03 | 1 | 142 | 66 | 0 | 0 | 9 | 0 | 0 | 38 | 66 |
| Peshawar | Peshawar | 000 | 0 | 8 | 09 | 07 | 97 | 03 | 2 | 165 | 70 | 5 | 5 | 6 | 2 | 1 | 42 | 72 |
| | Haripur | 000 | 3 | 7 | 23 | 02 | 97 | 03 | 2 | 147 | 70 | 7 | 0 | 9 | 5 | 0 | 37 | 72 |
| D. I. Khan | Bannu | 000 | 0 | 7 | 27 | 02 | 98 | 04 | 5 | 156 | 66 | 7 | 2 | 7 | 8 | 0 | 38 | 70 |
| | D. I. Khan | 000 | 0 | 8 | 05 | 02 | 97 | 02 | 0 | 139 | 72 | 8 | 0 | 9 | 9 | 0 | 49 | 76 |
| Quetta | Sibi | 020 | 0 | 8 | 25 | 03 | 97 | 03 | 1 | 136 | 70 | 6 | 2 | 9 | 6 | 2 | 60 | 75 |
| | Nokkundi | 080 | 0 | 4 | 00 | 00 | 96 | 02 | 1 | 067 | 75 | 4 | 5 | 6 | 8 | 0 | 51 | 65 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 117 | 76 | 1 | 1 | 9 | 0 | 8 | 55 | 76 |
| | Jiwani | 000 | 0 | 3 | 13 | 12 | 96 | 01 | 1 | 087 | 73 | 3 | 6 | 5 | 0 | 0 | 55 | 74 |
| | Pasni | 000 | 0 | 0 | 11 | 04 | 97 | 02 | 0 | 081 | 72 | 0 | 0 | 9 | 0 | 0 | 57 | 84 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | |
| | Lasbela | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karachi (Manora) | 000 | 0 | 4 | 13 | 05 | 97 | 03 | 2 | 091 | 77 | 4 | 4 | 4 | 0 | 0 | 64 | 79 |
| | Karachi (Airport) | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 2 | 089 | 76 | 4 | 4 | 5 | 0 | 0 | 59 | 77 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 84 | 0 | 0 | 9 | 0 | 0 | 42 | 82 |
| | Chhor | 000 | 0 | 4 | 31 | 03 | 96 | 03 | 1 | 090 | 78 | 3 | 5 | 6 | 3 | 1 | 60 | 80 |
| | Hyderabad | 000 | 0 | 2 | 31 | 02 | 97 | 01 | 1 | 101 | 73 | 2 | 0 | 9 | 3 | 0 | 59 | 75 |
| | Badin | 000 | 0 | 2 | 31 | 04 | 97 | 03 | 0 | 991 | 81 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| Khairpur | Padidan | 014 | 8 | 4 | 29 | 05 | 96 | 01 | 6 | 101 | 73 | 4 | 4 | 7 | 0 | 0 | 53 | 73 |
| | Nawabshah | 000 | 0 | 6 | 31 | 05 | 96 | 07 | 2 | 108 | 77 | 6 | 4 | 6 | 0 | 0 | 57 | 77 |
| | Sukkur | 000 | 4 | 7 | 34 | 09 | 95 | 05 | 4 | 096 | 70 | 7 | 0 | 9 | 9 | 0 | 52 | 72 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 006 | 0 | 5 | 09 | 12 | 96 | 01 | 5 | 115 | 69 | 5 | 0 | 9 | 7 | 0 | 61 | 71 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Sharda * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 8 | 34 | 05 | 97 | 02 | 2 | 334 | 56 | 4 | 5 | 7 | 1 | 0 | 59 | 58 |
| Peshawar | Cherat * | 000 | 0 | 8 | 36 | 10 | 98 | 03 | 2 | 524 | 59 | 8 | 7 | 6 | 0 | 0 | 37 | 60 |
| | Kakul * | | | | | | | | | | | | | | | | | |
| | Landikotal * | 000 | 0 | 8 | 36 | 03 | 98 | 03 | 6 | 632 | 60 | 8 | 7 | 6 | / | / | 42 | 62 |
| | Parachinar * | 018 | 4 | 8 | 34 | 02 | 98 | 01 | 6 | 543 | 41 | 8 | 7 | 5 | / | / | 39 | 52 |
| D.I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 97 | 03 | 0 | 515 | 52 | 8 | 0 | 0 | 9 | 0 | 44 | 52 |
| | Wana * | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 004 | 8 | 8 | 05 | 07 | 97 | 02 | 3 | 488 | // | 6 | 7 | 6 | 2 | / | 32 | 53 |
| | Hindubagh * | 002 | 0 | 8 | 09 | 03 | 97 | 03 | 0 | /// | 53 | 8 | 8 | 4 | 0 | 0 | 46 | 55 |
| | Loralai * | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 533 | 48 | 0 | 0 | 9 | 0 | 0 | 36 | 48 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 042 | 4 | 9 | 31 | 01 | 96 | 50 | 5 | 453 | 53 | 0 | 0 | 6 | 0 | 9 | 47 | 54 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 13 | 07 | 96 | 02 | 2 | 461 | 49 | 6 | 5 | 5 | 2 | 0 | 37 | 51 |
| | Chaman * | 000 | 0 | 9 | 37 | 05 | 96 | 03 | 0 | 460 | 56 | 9 | 8 | 7 | 0 | 0 | 44 | 60 |
| | Nushki * | 000 | 9 | 5 | 00 | 00 | 97 | 03 | 5 | 499 | 58 | 8 | 0 | 9 | 0 | 2 | 31 | 69 |
| | Dalbandin * | 000 | 0 | 8 | 31 | 04 | 95 | 05 | 3 | 451 | 58 | / | / | / | / | / | 51 | 61 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 453 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | 52 |
| | Khuzdar * | 003 | 3 | 8 | 00 | 00 | 96 | 02 | 6 | 446 | 55 | 4 | 5 | 4 | 2 | 0 | 43 | 57 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 5 | 31 | 02 | 98 | 01 | 2 | 160 | 77 | 1 | 1 | 7 | 7 | 0 | 64 | 70 | — | — | 4.0 | — | 3.4 | — |
| Cox's Bazar | 000 | 0 | 3 | 31 | 10 | 96 | 03 | 2 | 143 | 79 | 0 | 8 | 9 | 2 | / | 65 | 70 | — 1 | + 6 | — | — | — | 140 |
| Chittagong | 000 | 0 | 6 | 36 | 02 | 94 | 02 | 2 | 151 | 77 | 6 | 0 | 9 | 3 | 0 | 59 | 68 | — 1 | + 3 | 1.4 | — 3.6 | 0.6 | 108 |
| Maijdee Court | 000 | 9 | 0 | 00 | 00 | 96 | 03 | 2 | 131 | 73 | 2 | 1 | 5 | 3 | 0 | 65 | 67 | — 5 | — 1 | 3.6 | — 0.2 | 3.3 | 115 |
| Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | ... | ... | ... | ... | — 1 | | | | | 94 |
| Brahmanbaria | 000 | 0 | 4 | 05 | 02 | 97 | 02 | 0 | 152 | 76 | 4 | 0 | 9 | 4 | 0 | 59 | 65 | — | — | 2.5 | — 0.7 | 1.2 | 78 |
| Sylhet | 000 | 0 | 6 | 09 | 05 | 96 | 02 | 0 | 144 | 72 | 2 | 5 | 5 | 2 | 0 | 61 | 63 | — | — | 7.3 | — | 5.8 | — |
| Srimangal | 000 | 0 | 6 | 23 | 02 | 94 | 02 | 0 | 134 | 73 | 3 | 8 | 5 | 7 | 2 | 56 | 60 | — 7 | + 3 | — | — | — | 98 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | ... | ... | — 3 | | | | | 91 |
| Narayanganj | 000 | 0 | 5 | 31 | 02 | 97 | 02 | 2 | 154 | 81 | 5 | 6 | 6 | 3 | / | 63 | 68 | + 1 | + 3 | 2.9 | — 0.1 | 1.5 | 74 |
| Dacca (Tezgaon) | 000 | 0 | 4 | 13 | 02 | 96 | 01 | 2 | 147 | 76 | 4 | 0 | 9 | 3 | 0 | 61 | 67 | — | — | 2.5 | — | 1.2 | — |
| Faridpur | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 157 | 74 | 3 | 4 | 5 | 1 | 0 | 63 | 65 | — 2 | + 2 | 3.6 | + 0.2 | 2.0 | 71 |
| Barisal | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 1 | 151 | 73 | 3 | 4 | 4 | 1 | 0 | 67 | 68 | | + 2 | 2.2 | — 1.4 | 1.3 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 150 | 78 | 0 | 0 | 9 | 0 | 0 | 73 | 70 | — 3 | + 4 | 4.5 | + 1.5 | 3.1 | 68 |
| Satkhira | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 8 | 153 | 77 | 1 | 0 | 9 | 1 | 1 | 68 | 68 | — 5 | + 3 | 3.0 | — 0.7 | 2.8 | 48 |
| Jessore | 000 | 0 | 4 | 33 | 05 | 97 | 02 | 1 | 151 | 76 | 4 | 0 | 9 | 4 | 0 | 65 | 67 | — | — | 4.7 | + 1.4 | 3.6 | 65 |
| Pabna | 000 | 0 | 0 | 31 | 02 | 99 | 02 | 1 | 155 | 76 | 0 | 0 | 9 | 0 | 0 | 60 | 67 | — | — | 4.0 | — | 3.0 | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 1 | 153 | 78 | 0 | 0 | 9 | 0 | 0 | 60 | 63 | — 1 | + 2 | 2.2 | + 0.1 | 1.9 | 64 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 157 | 72 | 0 | 0 | 9 | 0 | 0 | 67 | 67 | — 2 | + 6 | 2.5 | — 0.4 | 1.6 | — |
| Bogra | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 148 | 76 | 1 | 5 | 5 | 0 | 0 | 61 | 49 | — 1 | — 12 | — | — | — | 49 |
| Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | | | ... | ... | | | — 1 | | | | | 73 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 131 | 70 | 0 | 0 | 9 | 0 | 0 | 64 | 56 | — 4 | — 1 | 2.7 | + 0.9 | 1.2 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 6 | 27 | 03 | 96 | 03 | 0 | 160 | 59 | 2 | 5 | 8 | 7 | 0 | 52 | 56 | — 2 | + 6 | 1.7 | — 1.1 | 1.7 | 19 |
| Sialkot | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Islamabad | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 174 | 56 | 8 | 5 | 6 | 0 | 0 | 49 | 52 | — | — | 5.0 | — | 5.8 | — |
| Rawalpindi | ... | ... | ... | ... | ... | ... | ... | — | ... | — | ... | ... | ... | ... | — | ... | ... | — 2 | | | | | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 080 | 0 | 8 | 36 | // | 97 | 03 | 3 | 164 | 70 | 5 | 6 | 8 | 2 | 0 | 56 | 59 | — 1 | + 6 | 1.5 | — 0.9 | 1.5 | 15 |
| Sargodha | 000 | 4 | 8 | 05 | 03 | 97 | 20 | 6 | 159 | 63 | 4 | 5 | 6 | 2 | / | 53 | 59 | — | — | 1.5 | — | 1.3 | — |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 3 | /// | 61 | 4 | 3 | 8 | 0 | 0 | 62 | 56 | — 2 | + 5 | 1.2 | — 0.3 | 0.9 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | 000 | 0 | 1 | 00 | 00 | 97 | 03 | 2 | 154 | 63 | 1 | 5 | 6 | 7 | 8 | 49 | 59 | — 3 | + 3 | 0.7 | — 0.5 | 0.7 | 7 |
| Leiah | 000 | 0 | 0 | 36 | 02 | 92 | 00 | 0 | 167 | 59 | 0 | 0 | 9 | 0 | 0 | 54 | 52 | — | | | — | | 8 |
| Khanpur | 010 | 9 | 0 | 02 | 05 | 96 | 01 | 1 | 153 | 59 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | — 15 | + 2 | 1.9 | + 1.0 | 1.4 | 6 |
| Bahawalpur | 000 | 9 | 2 | 00 | 00 | 96 | 00 | 9 | 151 | 65 | 0 | 0 | 9 | 0 | 1 | 52 | 65 | — 5 | + 11 | — | — | — | 6 |
| Fort Abbas | 000 | 0 | 9 | 00 | 00 | 98 | 00 | 0 | 021 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | // | — | — | | | | 8 |
| Chakdra | 000 | 0 | 5 | 05 | 07 | 96 | 02 | 3 | /// | // | 8 | 0 | 9 | 2 | / | 44 | 47 | — | — | — | — | — | — |
| Peshawar | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 181 | 52 | 1 | 5 | 6 | 2 | / | 49 | 59 | — 1 | + 10 | 2.6 | — 1.9 | 2.0 | 11 |
| Haripur | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 105 | 56 | 0 | 8 | 9 | 0 | 0 | 45 | 49 | — | — | 5.6 | — | 4.7 | — |
| Bannu | 000 | 0 | 7 | 34 | 02 | 98 | 50 | 5 | 172 | 59 | 7 | 2 | 7 | 0 | 0 | 49 | 58 | — | — | — | — | — | 11 |
| D. I. Khan | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 169 | 63 | 6 | 0 | 6 | 4 | 0 | 49 | 61 | — 4 | + 9 | 6.9 | + 5.2 | 6.9 | 9 |
| Sibi | 000 | 0 | 8 | 18 | 03 | 97 | 03 | 1 | 145 | 58 | 6 | 2 | 9 | 6 | 2 | 40 | 56 | — | — | 0.5 | — | 0.5 | 8 |
| Nokkundi | 003 | 1 | 8 | 31 | 07 | 96 | 50 | 5 | 132 | 52 | 5 | 5 | 5 | 2 | 0 | 50 | 58 | — | — | 1.9 | — | 1.9 | 8 |
| Turbat | | | | | | | | | | | | | | | | | | — | | | | | — |
| Jiwani | 000 | 0 | 6 | 09 | 05 | 96 | 03 | / | 127 | 67 | 2 | 6 | 5 | 3 | 0 | 61 | 40 | — | — | 7.9 | — | 7.9 | 8 |
| Pasni | 900 | 0 | 4 | 13 | 06 | 97 | 03 | 0 | 132 | 62 | 4 | 0 | 9 | 0 | 0 | 59 | 49 | + 2 | | 1.5 | — 2.8 | 2.5 | 6 |
| Ormara | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Lasbela | /// | 0 | 6 | 09 | 03 | 98 | 00 | 0 | /// | 62 | 0 | 0 | 8 | 0 | 0 | 57 | 60 | | — | — | — | — | 8 |
| Karachi (Manora) | | | | | | | | | | | | | | | | | | — 3 | | | | | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 2 | 136 | 62 | 8 | 0 | 9 | 0 | 0 | 57 | 59 | — | — | 3.0 | — | 3.0 | — |
| Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Chhor | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 141 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 60 | — | — | — | — | — | 7 |
| Hyderabad | 000 | 0 | 0 | 34 | 03 | 97 | 01 | 0 | 155 | 61 | 0 | 0 | 9 | 0 | 0 | 57 | 59 | — 14 | + 2 | 1.2 | + 0.6 | 1.2 | 9 |
| Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — 8 | | | | | — |
| Padidan | 000 | 0 | 0 | 36 | 04 | 97 | 02 | 0 | 139 | 62 | 0 | 0 | 9 | 0 | 0 | 57 | 60 | — | 0 | 0.1 | — 0.8 | 0.1 | — |
| Nawabshah | 009 | 0 | 0 | 36 | 09 | 96 | 03 | 0 | 155 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | 55 | — | — | 0.4 | — | 0.4 | 4 |
| Sukkur | 000 | 2 | 0 | 05 | 03 | 95 | 95 | 4 | 105 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 55 | — | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 006 | 0 | 2 | 34 | 02 | 96 | 03 | 5 | 153 | 59 | 2 | 0 | 9 | 3 | 0 | 55 | 57 | — 13 | 0 | 2.2 | + 1.3 | 2.1 | 19 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 36 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Sharda * | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Murree * | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Drosh * | 000 | 0 | 7 | 05 | 09 | 97 | 02 | 2 | 542 | 56 | 4 | 5 | 3 | 7 | 0 | 45 | // | — | — | — | — | — | 29 |
| Cherat * | 000 | 0 | 8 | 18 | 05 | 98 | 03 | 2 | 517 | 49 | 8 | 0 | 9 | 2 | 0 | 40 | 49 | + 3 | + 4 | 4.3 | — 0.2 | 3.7 | — |
| Kakul * | | | | | | | | | | | | | | | | | | | | | | | — |
| Landikotal * | 000 | 0 | 8 | 36 | 02 | 98 | 07 | 8 | 647 | 45 | 8 | 7 | 6 | / | / | 42 | 38 | — | — | 4.2 | — | 3.5 | 19 |
| Parachinar * | 036 | 0 | 8 | 00 | 00 | 96 | 51 | 3 | 543 | 40 | 7 | 5 | / | / | / | 38 | 40 | — | + 4 | — | — | — | 13 |
| Miranshah * | 000 | 0 | 4 | 05 | 05 | 98 | 02 | 0 | 508 | 52 | 4 | 0 | 9 | 0 | 0 | 40 | 49 | — | — | 0.1 | — 4.3 | 0.1 | 11 |
| Wana * | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Fort Sandeman * | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 2 | 506 | 45 | 3 | 7 | 6 | 1 | 0 | 41 | 44 | — 16 | 0 | 1.5 | — 1.4 | 1.5 | — |
| Hindubagh * | 003 | 0 | 8 | 08 | 00 | 97 | 03 | 0 | /// | 25 | 8 | 8 | 4 | 0 | 0 | 22 | 22 | — | — | 1.3 | — | 1.1 | 9 |
| Loralai * | 000 | 0 | 8 | 13 | 02 | 98 | 00 | 0 | 485 | 48 | 0 | 0 | 9 | 0 | 0 | 55 | 48 | — | — | 0.4 | — | 0.3 | — |
| Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai * | 000 | 0 | 8 | 31 | 02 | 96 | 02 | 0 | 479 | 53 | 0 | 0 | 7 | 0 | 8 | 45 | 51 | — | — | 1.9 | — 1.6 | 1.9 | 9 |
| Samungli (Quetta) * | 000 | 0 | 8 | 18 | 05 | 96 | 02 | 2 | 488 | 47 | 6 | 5 | 6 | 2 | / | 39 | 44 | — | — | 2.6 | — 3.1 | 1.9 | 9 |
| Chaman * | 000 | 0 | 8 | 18 | 05 | 96 | 00 | 0 | 461 | 36 | 0 | 0 | 9 | 0 | 0 | 45 | 39 | — 5 | — 6 | 7.7 | + 2.3 | 7.7 | — |
| Nushki * | 000 | 0 | 3 | 09 | 03 | 97 | 02 | 6 | 515 | 54 | 0 | 0 | 9 | 0 | 2 | 37 | 48 | — | — | 3.2 | — | 3.1 | 4 |
| Dalbandin * | 013 | 4 | 5 | 05 | 03 | 96 | 01 | 6 | 483 | 50 | 5 | 5 | 6 | 0 | 0 | 50 | 49 | — 15 | • 2 | 2.7 | — 0.1 | 2.6 | 7 |
| Kalat * | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 2 | 499 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 33 | — 7 | — 2 | 1.5 | — 2.5 | 1.5 | — |
| Khuzdar * | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 2 | 486 | 49 | 4 | 5 | 6 | 2 | 0 | 47 | 47 | — | — | 1.8 | — | 1.5 | 5 |
| Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 8th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | 8$N_sCh_sh_s$ | $OT_sT_sT_sT_s$ | 1$T_wT_wT_{wt}$T | 3$P_wP_wH_wH_w$ | d $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Makedioijma | 99 1 85 | 10 5 85 | 07 0 03 | 03 4 13 | 97 0 54 | 12 0 24 | 00 9 00 | 13 2 20 | | | 95 4 17 | 12 4 00 | 30 7 02 | |
| Makodojiaja | 99 1 97 | 10 5 88 | 07 0 63 | 03 2 13 | 97 0 54 | 12 5 24 | 00 9 00 | 13 2 05 | | | 03 4 17 | 12 6 00 | 30 7 02 | |
| Chirsmrd | 99 2 23 | 10 6 76 | 07 0 10 | 42 9 02 | 97 1 62 | 09 0 23 | | | | | | | | |
| Chevronmadrid | 99 1 30 | 10 5 54 | 07 0 63 | 30 9 04 | 98 0 20 | 11 7 27 | 32 5 00 | 12 2 34 | | | 01 / 02 | 12 7 79 | 30 1 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo) | 1000 mb (hhh TTT, DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 008 260 24 | ... | 490 154 56 | 122 054 39 | 581 095 57 | 759 195 27 | 958 317 57 | 233 517 / / | 414 648 / / | 653 789 / / | ... | ... | ... |
| Dacca | 00 00 | 013 220 50 | ... | 500 124 57 | 109 024 08 | 577 123 57 | 745 213 56 | 951 315 / / | 227 505 / / | 409 629 / / | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 010 180 51 | ... | 450 064 57 | 031 015 / / | 562 181 / / | 726 245 / / | 931 345 / / | 206 491 / / | ... | ... | ... | ... | ... |
| Multan | 00 00 | 008 140 58 | ... | 480 124 65 | 084 080 75 | 570 181 / / | 733 245 57 | 937 355 / / | 204 461 / / | 393 511 / / | ... | ... | ... | ... |
| Peshawar | 00 00 | 975 160 57 | ... | 489 070 59 | 094 000 56 | 571 154 25 | 736 251 49 | 939 385 / / | 204 517 / / | 393 511 / / | ... | ... | ... | ... |
| Quetta | 00 00 | 818 050 50 | ... | ... | 040 057 / / | 555 313 / / | 717 485 / / | 926 / / / / | | | ... | ... | ... | ... |
| Sargodha | 00 00 | 993 104 56 | ... | 480 064 58 | 082 065 30 | 560 201 / / | 722 305 / / | 922 / 40 / / | 192 505 / / | 385 551 / / | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_s$ DD | | | | | | | | Max. Wind Speed (PmPmPm dmdm fmfmfm) | TROPOPAUSE ($P_tT_tP_tT_tT_tT_{tt}$ dt dt ft ft ft) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 980 184 50 | 800 138 56 | 600 065 56 | 350 257 50 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 980 154 57 | 800 086 56 | 600 013 56 | 350 171 56 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. —> | At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | | | | | | | | | | | | | | | |
| Begra | 355 06 | 345 08 | 335 06 | 270 07 | 285 13 | 360 12 | ... | ... | ... | 345 12 | 025 02 | 350 04 | 320 04 | 285 11 | 265 10 |
| Chaklala | ... | 285 08 | 300 04 | 035 04 | 085 08 | 125 09 | ... | ... | ... | 360 03 | 320 03 | 285 05 | 275 06 | 275 13 | ... |
| Chhor | 285 08 | 275 03 | 335 07 | 180 15 | 180 21 | 200 25 | 245 33 | ... | ... | 090 11 | 040 07 | 005 06 | 210 05 | 260 03 | 295 20 |
| Chittagong | 340 13 | 340 09 | 025 03 | 275 05 | 260 02 | 230 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 340 15 | 240 12 | 220 11 | 230 06 | 290 04 | 185 04 | ... | ... | ... | 355 09 | 350 14 | 345 15 | 305 08 | 290 05 | 295 12 |
| Dacca | 040 07 | 020 06 | 010 12 | 355 10 | 235 15 | 260 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 305 06 | 078 04 | 340 09 | ... | ... | ... | ... | ... | ... | 055 04 | 080 09 | 115 15 | ... |
| D. I. Khan | 040 08 | 050 09 | 055 09 | 130 12 | 145 14 | 170 15 | 210 15 | 300 25 | 245 23 | 030 20 | 050 17 | 100 20 | 130 22 | 135 26 | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 025 11 | 005 05 | ... |
| Fort Sandeman | ... | ... | ... | 245 11 | 095 14 | 145 33 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishardi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 150 23 | 150 23 | 120 19 | 135 10 | 180 08 | 185 29 | ... | ... | ... | 230 06 | 325 06 | 200 05 | 325 05 | 275 07 | ... |
| Jessore | 060 03 | 085 05 | 080 05 | 075 04 | 395 05 | 260 16 | ... | ... | ... | 335 12 | 225 12 | 325 12 | 310 27 | 305 15 | 300 02 |
| Jhelum | 285 11 | 305 11 | 300 08 | 340 06 | 070 05 | 110 21 | 155 11 | 150 12 | 170 15 | 290 09 | 290 04 | 145 01 | 275 03 | 270 07 | 255 15 |
| Jiwani | 135 09 | 170 07 | 185 05 | 230 08 | 238 09 | 255 26 | 255 28 | 270 40 | 240 44 | 310 07 | 300 14 | 300 09 | 178 02 | 195 06 | 180 02 |
| Karachi | 125 08 | 125 04 | 165 06 | 200 12 | 220 11 | 245 17 | 275 27 | ... | ... | ... | ... | ... | ... | ... | ... |
| Kasur | 015 17 | 035 10 | 055 20 | ... | ... | ... | ... | ... | ... | 020 06 | 030 07 | 025 09 | 055 08 | 145 07 | 180 05 |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 135 05 | 145 07 | ... |
| Lahore | 245 08 | 255 05 | 215 04 | 180 02 | 120 04 | 100 08 | 140 11 | ... | ... | 040 06 | 050 03 | 070 01 | 175 01 | 105 03 | 155 06 |
| Multan | 060 12 | 060 13 | 100 08 | 140 12 | 160 32 | 155 32 | ... | ... | ... | 015 13 | 045 14 | 090 / / | ... | ... | ... |
| Nawab Shah | 320 08 | 300 03 | 230 03 | 205 10 | 200 21 | 225 17 | ... | ... | ... | 360 15 | 005 08 | 045 08 | 015 06 | 245 06 | 245 10 |
| Nokkundi | ... | ... | 085 01 | 175 05 | ... | ... | ... | ... | ... | ... | ... | 115 04 | 230 10 | 265 12 | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 130 06 | 180 05 | 225 01 | 250 03 | 190 11 | ... | ... | ... | ... | 285 10 | 305 14 | 345 14 | 345 10 | 125 24 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 165 24 | 110 30 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 030 03 | 030 05 | 035 05 | 090 06 | 130 12 | 140 14 | 190 15 | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 345 07 | ... | ... |
| Sylhet | 295 05 | 290 09 | 260 09 | 255 06 | 310 17 | 300 20 | ... | ... | ... | 060 09 | 055 07 | 015 04 | 310 15 | 290 13 | 270 18 |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in g.p. Kms. a.s.l. —> | At 0600 hrs. G.M.T. † of date (dd ff): 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | | | | | | | | | | | |
| Begra | 010 03 | 345 06 | 345 08 | 335 11 | 330 15 | ... | ... | ... | ... | ... | ... |
| Chaklala | 300 06 | 320 08 | 320 04 | 285 06 | 240 11 | 290 21 | 270 28 | /// // | 275 27 | ... | ... |
| Chhor | ... | 150 08 | 160 04 | 175 04 | 185 06 | ... | ... | ... | ... | ... | ... |
| Chittagong | 230 03 | 335 03 | 055 04 | 085 06 | 210 04 | 205 10 | 300 21 | 320 19 | 320 29 | ... | ... |
| Cherat | 005 16 | 360 02 | 360 21 | 335 09 | 225 09 | 230 13 | 345 28 | 255 31 | 280 27 | 265 34 | ... |
| Cox's Bazar | 355 13 | 355 15 | 360 14 | 330 10 | 290 09 | 270 10 | 265 21 | 270 20 | 260 25 | ... | ... |
| Dacca | 360 04 | 300 04 | 300 06 | 280 08 | 290 13 | 280 21 | 275 35 | 270 41 | 275 51 | 255 61 | ... |
| Dalbandin | ... | ... | 270 07 | 235 16 | 215 17 | ... | ... | ... | ... | ... | ... |
| D. I. Khan | 310 05 | 360 07 | 015 06 | 095 10 | 195 10 | 200 11 | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 075 02 | 020 06 | ... | ... | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishardi | 010 03 | 330 03 | 335 03 | 255 07 | 255 06 | 255*17 | 275 25 | ... | ... | ... | ... |
| Jacobabad | 350 04 | 055 07 | 105 11 | 110 07 | 155 09 | 165*10 | 265 27 | 295 39 | 190 42 | 190 74 | 190 78 |
| Jessore | 031 04 | 360 02 | 360 03 | 185 13 | 325 08 | 280 09 | 270 20 | 260 18 | 285 30 | 270 35 | 275 62 |
| Jhelum | 345 11 | 240 20 | 315 18 | 035 07 | 110 06 | 139 14 | 135 27 | 175 58 | 175 42 | ... | ... |
| Jiwani | 835 15 | 130 18 | 130 16 | 140 07 | 165 04 | 245 12 | ... | ... | ... | ... | ... |
| Karachi | 090 04 | 095 04 | 100 02 | 230 05 | 235 02 | 245 21 | 240 32 | 255 24 | 240 36 | ... | ... |
| Kasur | 020 12 | 080 17 | 052 3 | 060 22 | 060 09 | 075 04 | 135 14 | 145 12 | 155 13 | 230 23 | 254 34 |
| Khuzdar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore | 360 10 | 345 04 | 020 04 | 340 05 | 505 08 | 275 10 | 335 19 | ... | ... | ... | ... |
| Multan | 020 13 | 045 12 | 035 14 | 055 30 | 095 32 | 155*14 | 185 29 | 169 27 | 170 25 | 180 49 | 225 57 |
| Nawab Shah | 360 09 | 245 10 | 105 07 | 055 03 | 235 10 | 895*16 | 240 30 | ... | 250 47 | ... | ... |
| Nokkundi | ... | ... | 180 12 | 190 09 | 290 00 | 250 22 | 245 23 | ... | 235 28 | ... | ... |
| Panjgur | ... | 310 12 | 315 07 | 355 08 | 075 07 | 130 14 | ... | ... | ... | ... | ... |
| Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | // // | 180 06 | 220 15 | ... | ... | ... | ... |
| Quetta | ... | ... | ... | 195 12 | 155 13 | ... | ... | ... | ... | ... | ... |
| Sargodha | 345 08 | 275 07 | 315 09 | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 100 04 | 090 07 | 035 02 | 300 13 | 270 17 | 275 20 | 240 28 | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.3 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 045 12 | 075 08 | 075 05 | 140 04 | 200 04 | 210 10 | 255 23 | 255 25 | 254 24 | 250 52 | 250 73 | 251 22 | 246 18 | ... | ... | ... | ... | ... |
| Multan | 040 19 | 040 19 | 075 20 | 075 23 | 145 18 | 155 18 | 210 18 | 240 29 | 240 29 | 240 29 | 240 37 | 245 56 | 255 70 | | | | | |
| 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

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

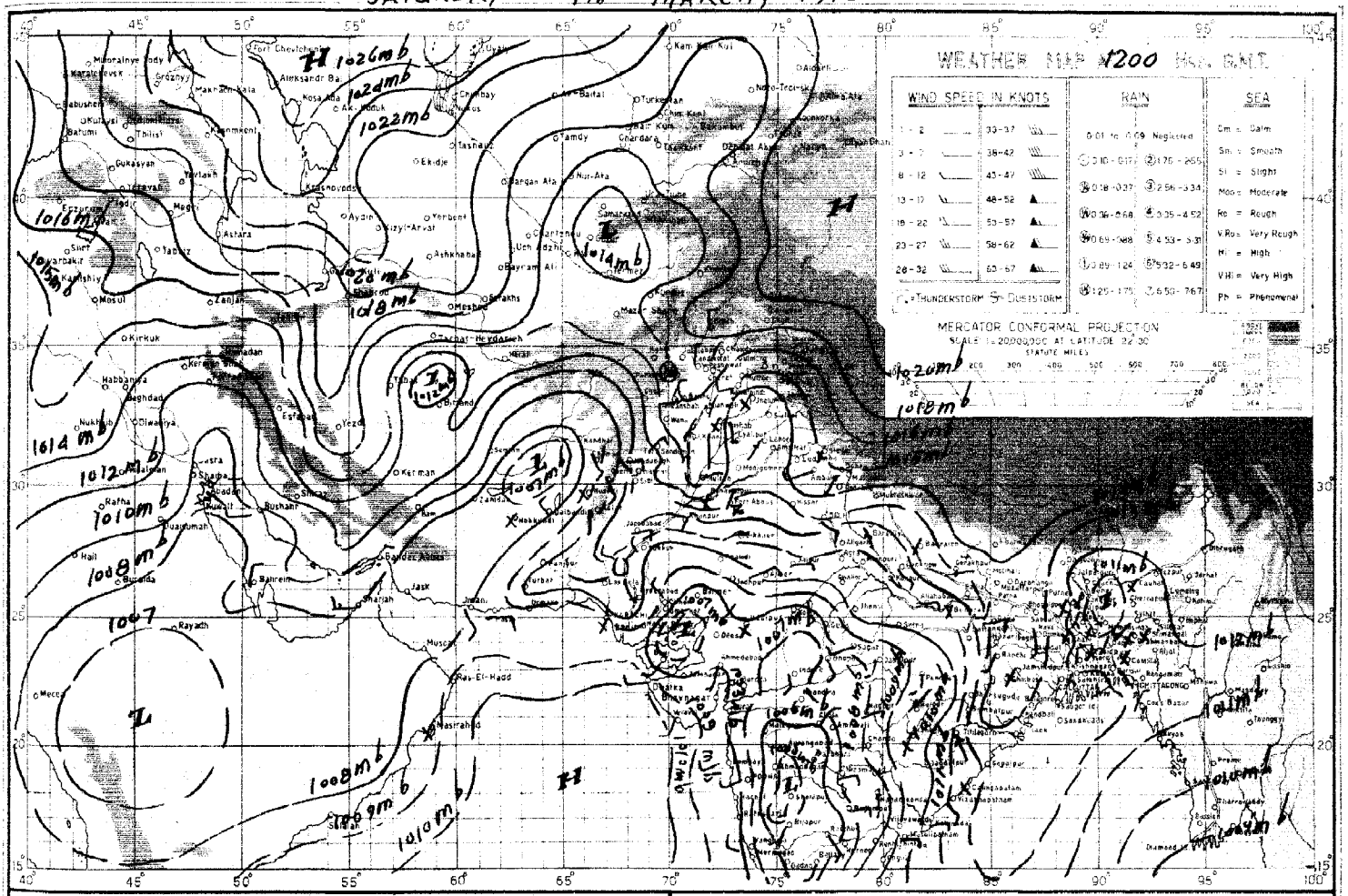
* The actual time of observations may vary within half an hour of the specified time.

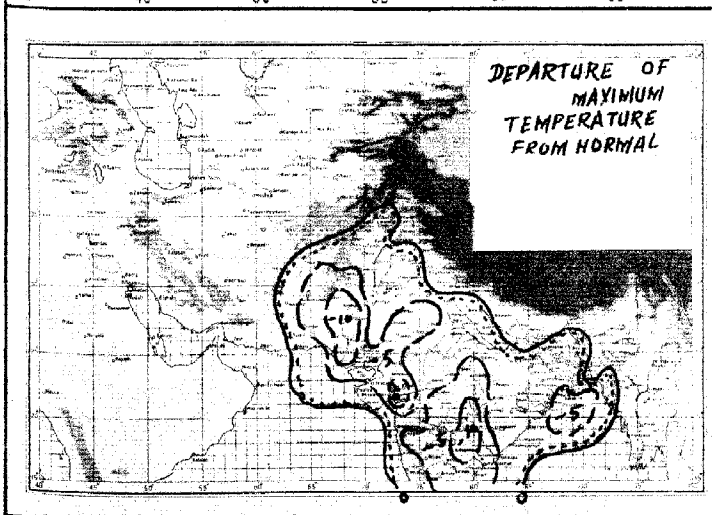
† The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

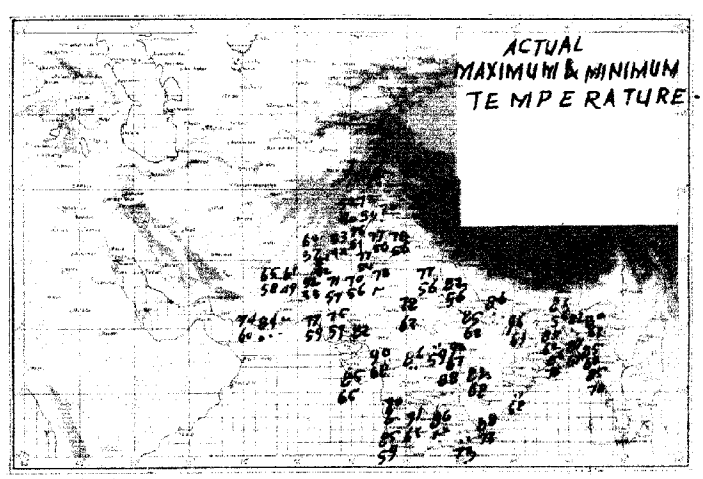
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port KARACHI—11)

# PAKISTAN DAILY WEATHER MAP

SATURDAY 7th MARCH, 1970.



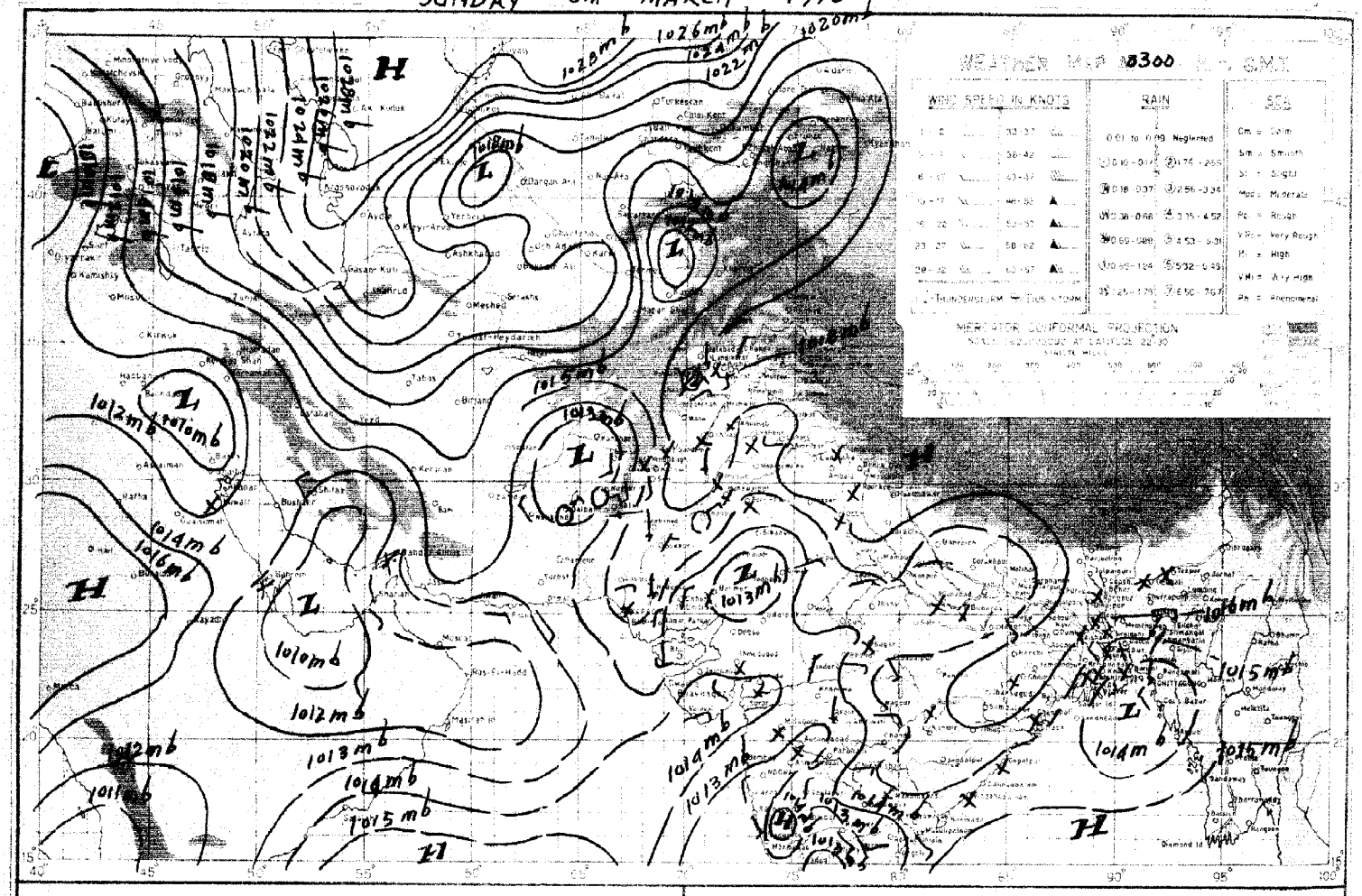



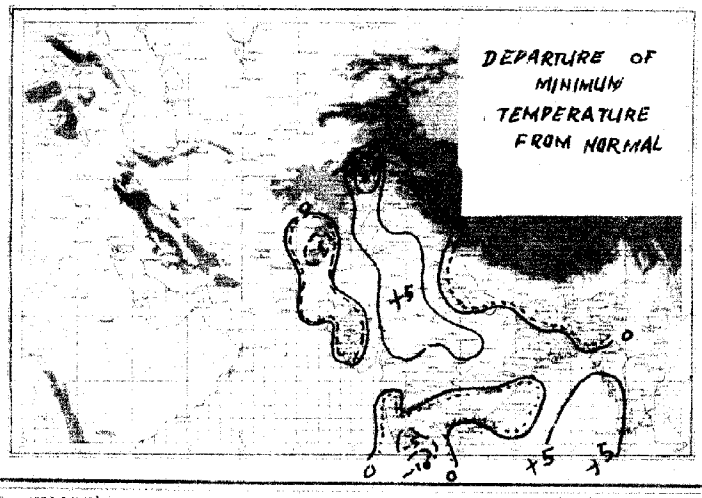

REG. No. 1024 RWKDS-1,48,805-63.

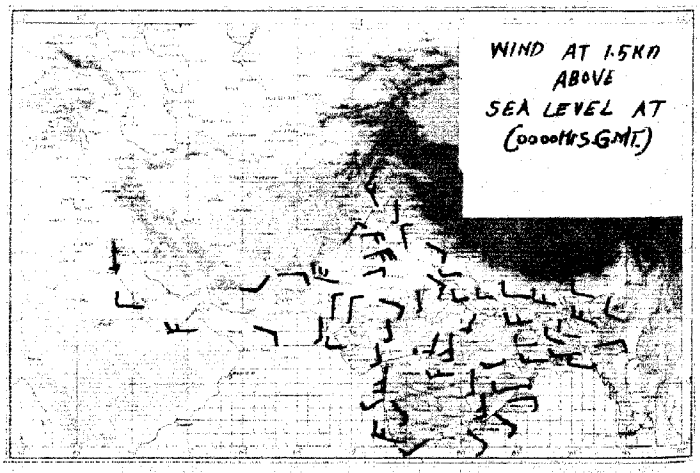
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 8th MARCH 1970



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Pages 1—2 Rs; 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 9th MARCH, 1970.**

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

Yesterdays secondary western disturbance over Rajasthan moved away eastwards.

The western disturbance over Lahore division moved slightly eastwards and lies over East Punjab and adjoining parts of West Pakistan.

The western disturbance over Quetta division and adjoing Afghanistan now lies over D. I. Khan and Quetta divisions.

The trough of low pressure over East Persian Gulf and north Arabian Sea has become less marked.

Rain/thundershowers have been local in Quetta and Kalat divisions with a few heavy falls in the Latter division and scattered in Peshawar D. I. Khan divisions. Light rain/drizzle also occurred at a few places in Rawalpindi and Multan divisions.

Yesterday's trough of low pressure over East Pakistan and adjoining head Bay of Bengal become unimportant. Weather remained dry of East Pakistan.

Chief amounts of rainfall are Kalat 1½", Loralai and Khuzdar 1" each, Parachinar, Wana and Jiwani ½" each and Quetta and Turbat ¼" each.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Lahore, Sargodha, Bahawalpur, Peshawar and D. I. Khan divisions and 3—6 °F (2—3 °C) below normal in Quetta and Karachi divisions.

**Forecast valid until the evening of 10th March 1970** :—Rain/thundershowers are likely to be local in Quetta, D. I. Khan, Peshawar, Malakand, Rawalpindi divisions and Kashmir and scattered elsewhere over West Pakistan outside Karachi and Hyderabad divisions. Weather is likely to be dry over East Pakistan.

Karachi-11
The 9th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) • PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 3 | 23 | 02 | 96 | 01 | 1 | 102 | 85 | 3 | 5 | 6 | 5 | 0 | 52 | 91 |
| | Cox's Bazar | 000 | 0 | 8 | 31 | 10 | 96 | 03 | 0 | 097 | 80 | 0 | 0 | 9 | 2 | 1 | 65 | 85 |
| | Chittagong | 000 | 0 | 5 | 27 | 03 | 96 | 03 | 0 | 099 | 82 | 0 | 0 | 9 | 0 | 1 | 62 | 87 |
| | Maijdee Court | ... | ... | ... | — | ... | — | — | .. | ... | ... | .. | — | .. | ... | .. | — | .. |
| | Comilla | ... | ... | ... | — | ... | ... | ... | .. | ... | .. | ... | — | .. | .. | .. | ... | ... |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 099 | 82 | 0 | 0 | 9 | 0 | 0 | 65 | 90 |
| | Sylhet | 000 | 0 | 1 | 27 | 02 | 96 | 02 | 0 | 096 | 80 | 1 | 1 | 6 | 0 | 0 | 61 | 87 |
| | Srimangal | 000 | 0 | 4 | 18 | 02 | 96 | 02 | 0 | 123 | 76 | 2 | 5 | 5 | 7 | 2 | 59 | 82 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 103 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 88 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | // | 00 | 0 | 098 | 75 | 0 | 0 | 9 | 0 | 0 | 79 | 88 |
| | Dacca (Tejgaon) | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 098 | 85 | 2 | 1 | 5 | 6 | 0 | 60 | 89 |
| | Faridpur | 000 | 0 | 3 | 20 | 02 | 97 | 02 | 2 | 123 | 85 | 3 | 5 | 6 | 0 | 0 | 60 | 90 |
| Khulna | Barisal | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 103 | 82 | 1 | 4 | 5 | 0 | 0 | 67 | 88 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 129 | 80 | 0 | 0 | 9 | 0 | 0 | 75 | 85 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 103 | 82 | 0 | 0 | 9 | 0 | 0 | 78 | 89 |
| | Jessore | 000 | 0 | 2 | 23 | 05 | 97 | 02 | 0 | 100 | 85 | 2 | 5 | 5 | 0 | 0 | 66 | 89 |
| Rajshahi | Pabna | 000 | 0 | 2 | 00 | 00 | 98 | 01 | 1 | 099 | 86 | 2 | 7 | 7 | 0 | 0 | 60 | 90 |
| | Sirajganj | 000 | 0 | 3 | 18 | 02 | 94 | 01 | 0 | 097 | 80 | 3 | 0 | 7 | 3 | 0 | 62 | 88 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 95 | 02 | 0 | 110 | 85 | 0 | 0 | 9 | 0 | 0 | 70 | 88 |
| | Bogra | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 091 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 087 | 85 | 0 | 0 | 9 | 0 | 0 | 60 | 88 |
| | Rangpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 082 | 66 | 1 | 0 | 9 | 1 | 0 | 65 | 82 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 05 | 03 | 96 | 02 | 1 | 132 | 74 | 1 | 5 | 7 | 7 | 0 | 48 | 77 |
| | Sialkot | 000 | 0 | 2 | 01 | 05 | 98 | 00 | 0 | 112 | 76 | 0 | 0 | 9 | 0 | 0 | 57 | 82 |
| Rawalpindi | Jhelum | 000 | 2 | 7 | 33 | 06 | 98 | 02 | 6 | 139 | 72 | 4 | 5 | 6 | 7 | 0 | 45 | 74 |
| | Islamabad | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 6 | /// | 67 | 2 | 4 | 5 | 6 | 1 | 55 | // |
| | Rawalpindi | 000 | 0 | 6 | 00 | 00 | 98 | 02 | 2 | 155 | 66 | 6 | 4 | 7 | 0 | 0 | 48 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | // | 97 | 03 | 2 | 146 | 72 | 5 | 6 | 8 | 2 | 0 | 52 | 77 |
| | Sargodha | 000 | 0 | 4 | 05 | 05 | 97 | 01 | 2 | 137 | 74 | 2 | 5 | 6 | 3 | 1 | 49 | 76 |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 96 | 02 | 5 | 132 | 70 | 4 | 0 | 9 | 2 | 0 | 51 | 81 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 6 | 02 | 09 | 97 | 03 | 1 | 127 | 76 | 1 | 5 | 7 | 3 | 0 | 50 | 80 |
| | Leiah | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 139 | 81 | 0 | 0 | 9 | 0 | 0 | 45 | 81 |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 36 | 05 | 97 | 02 | 0 | 116 | 79 | 1 | 1 | 6 | 0 | 0 | 49 | 81 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 121 | 81 | 0 | 0 | 9 | 0 | 0 | 49 | 81 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 103 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 84 |
| Malakand | Chakdra | 000 | 0 | 8 | 23 | 02 | 97 | 03 | 1 | 182 | 62 | 8 | 3 | 7 | 0 | 0 | 42 | 66 |
| Peshawar | Peshawar | 000 | 0 | 8 | 36 | 05 | 97 | 03 | 2 | 167 | 66 | 4 | 3 | 6 | 2 | / | 51 | 70 |
| | Haripur | 000 | 6 | 8 | 05 | 05 | 98 | 00 | 0 | 147 | 70 | 4 | 8 | 9 | 6 | 2 | 37 | 72 |
| D. I. Khan | Bannu | 000 | 0 | 6 | 25 | 02 | 98 | 04 | 5 | 158 | 70 | 6 | 2 | 7 | 8 | 0 | 44 | 76 |
| | D. I. Khan | 000 | 0 | 4 | 05 | 03 | 97 | 01 | 2 | 143 | 70 | 2 | 2 | 6 | 3 | 0 | 51 | 72 |
| Quetta | Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 144 | 77 | 4 | 2 | 9 | 4 | 2 | 66 | 78 |
| | Nokkundi | 000 | 0 | 6 | 09 | 03 | 96 | 02 | 0 | 098 | 65 | 5 | 6 | 6 | 8 | 0 | 51 | 66 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 117 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| | Jiwani | 037 | 4 | 8 | 36 | 09 | 96 | 80 | 9 | 118 | 64 | 7 | 9 | 5 | 3 | / | 59 | 74 |
| | Pasni | 000 | 0 | 4 | 13 | 12 | 97 | 02 | 0 | 127 | 75 | 4 | 0 | 9 | 0 | 0 | 65 | 84 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | |
| | Lasbela | 050 | 0 | 2 | 18 | 02 | 98 | 00 | 0 | 113 | 81 | 0 | 0 | 8 | 0 | 0 | 58 | 85 |
| | Karachi (Manora) | 000 | 0 | 2 | 18 | 05 | 97 | 03 | 0 | 113 | 79 | 0 | 0 | 9 | 0 | 1 | 44 | 83 |
| | Karachi (Airport) | 000 | 0 | 7 | 09 | 02 | 96 | 03 | 0 | 116 | 79 | 2 | 6 | 5 | 0 | 1 | 49 | 81 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 111 | 84 | 0 | 0 | 0 | 0 | 0 | 72 | 90 |
| | Chhor | 000 | 0 | 6 | 34 | 05 | 96 | 03 | 1 | 106 | 82 | 4 | 8 | 6 | 0 | 1 | 57 | 87 |
| | Hyderabad | 000 | 0 | 7 | 31 | 03 | 97 | 03 | 1 | 132 | 77 | 2 | 0 | 9 | 3 | 1 | 57 | 79 |
| | Badin | 000 | 0 | 0 | 36 | 06 | 97 | 02 | 0 | 113 | 83 | 0 | 0 | 9 | 0 | 0 | 56 | 84 |
| Khairpur | Padidan | 000 | 0 | 2 | 31 | 05 | 96 | 03 | 0 | 133 | 77 | 2 | 1 | 7 | 0 | 0 | 51 | 78 |
| | Nawabshah | 000 | 0 | 6 | 36 | 10 | 96 | 03 | 1 | 128 | 77 | 1 | 4 | 9 | 0 | 7 | 57 | 79 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 122 | 80 | 0 | 0 | 9 | 0 | 0 | 54 | 81 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 1 | 128 | 79 | 3 | 2 | 4 | 3 | 0 | 57 | 79 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar •... | | | | | | | | | | | | | | | | | |
| | Gulmarg ••... | | | | | | | | | | | | | | | | | |
| | Sonamarg ••... | | | | | | | | | | | | | | | | | |
| | Dras ••... | | | | | | | | | | | | | | | | | |
| | Leh ••... | | | | | | | | | | | | | | | | | |
| | Skardu •... | | | | | | | | | | | | | | | | | |
| | Misgar ••... | | | | | | | | | | | | | | | | | |
| | Aliabad •... | | | | | | | | | | | | | | | | | |
| | Gilgit •... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree •.. | | | | | | | | | | | | | | | | | |
| Malakand | Drosh •... | 000 | 0 | 8 | 27 | 02 | 95 | 02 | 5 | 330 | 49 | 8 | 6 | 5 | 0 | 0 | 37 | 53 |
| Peshawar | Cherat •... | 000 | 0 | 8 | 00 | 00 | 98 | 50 | 0 | 515 | 51 | 8 | 7 | 6 | / | / | 44 | 59 |
| | Kakul •... | 000 | 0 | 7 | 02 | 03 | 97 | 01 | 2 | 521 | 35 | 3 | 5 | 5 | 7 | 0 | 38 | 60 |
| | Landikotal •... | 000 | 0 | 8 | 05 | 05 | 98 | 33 | 8 | 526 | 55 | 8 | 7 | 6 | 0 | 0 | 48 | 62 |
| | Parachinar •... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Miranshah •... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 501 | 60 | 0 | 0 | 9 | 0 | 0 | 48 | 60 |
| | Wana •... | .. | ... | ... | .. | ... | ... | .. | .. | .. | .. | . | ... | ... | .. | ... | .. | ... |
| Quetta | Fort Sandeman •... | 007 | 7 | 7 | 05 | 05 | 97 | 01 | 5 | 488 | 50 | 5 | 7 | 5 | 2 | 0 | 44 | 51 |
| | Hindubagh •... | 000 | 0 | 8 | 18 | 09 | 97 | 03 | 0 | /// | 38 | 8 | 3 | 5 | 0 | 0 | 22 | 40 |
| | Loralai •... | 000 | 0 | 8 | 18 | 03 | 97 | 01 | 0 | 595 | 58 | 0 | 1 | 9 | 0 | 8 | 49 | 40 |
| | Barkhan •... | | | | | | | | | | | | | | | | | |
| | Harnai •... | 000 | 0 | 6 | 31 | 01 | 96 | 02 | 0 | 472 | 61 | 0 | 0 | 7 | 0 | 6 | 48 | 62 |
| | Samungli (Quetta) •... | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | 469 | 30 | 5 | 6 | 9 | 4 | 0 | 42 | 57 |
| | Chaman •... | 000 | 0 | 9 | 13 | 05 | 98 | 00 | 0 | 460 | 56 | 9 | 0 | 7 | 0 | 0 | 44 | 60 |
| | Nushki •... | 000 | 9 | 6 | 31 | 03 | 97 | 03 | 5 | 378 | 59 | 0 | 0 | 9 | 0 | 2 | 38 | 60 |
| | Dalbandin •... | 000 | 0 | 5 | 23 | 03 | 98 | 03 | 0 | 485 | 63 | 0 | 0 | 9 | 3 | 0 | 48 | 64 |
| Kalat | Kalat •... | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 2 | 477 | 49 | [illegible] | 0 | 9 | 8 | 0 | 39 | 55 |
| | Khuzdar •... | 003 | 0 | 4 | 18 | 03 | 96 | 03 | 2 | 447 | 61 | 4 | 5 | 6 | 0 | 0 | 42 | 62 |
| | Panjgur •... | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) • PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 0 | 140 | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 70 | — | — | 4.0 | — | 3.4 | — |
| | Cox's Bazar | 000 | 0 | 0 | 34 | 02 | 96 | 02 | 0 | 124 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 73 | — 1 | + 9 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 0 | 132 | 77 | 0 | 0 | 9 | 0 | 0 | 62 | 64 | + 1 | — 1 | 1.4 | — 3.8 | 0.6 | 108 |
| | Maijdee Court | 000 | 9 | 0 | 00 | 00 | 98 | 00 | 0 | 128 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 65 | | — 3 | 3.6 | — 0.3 | 3.1 | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 127 | 77 | 0 | 0 | 9 | 0 | 0 | 69 | 64 | | 0 | — | — | — | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 125 | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 67 | — | — | 2.5 | — 0.8 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 2 | 09 | 05 | 96 | 02 | 0 | 123 | 73 | 2 | 5 | 5 | 0 | 0 | 62 | 64 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | ... | .. | ... | ... | ... | ... | ... | ... | ... | — | .. | .. | . | .. | ... | ... | .. | — 5 | | | | | 58 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 127 | 81 | 0 | 0 | 9 | 0 | 0 | 60 | 64 | — 3 | + 2 | — | — | — | 91 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 124 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 69 | + 1 | + 1 | 2.9 | — 0.2 | 1.5 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 27 | 02 | 96 | 01 | 0 | 124 | 71 | 0 | 0 | 9 | 0 | 0 | 73 | 69 | | | 2.5 | — | 1.. | — |
| | Faridpur | 000 | 0 | 0 | 20 | 05 | 97 | 00 | 0 | 131 | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 70 | + 3 | — 3 | 3.6 | + 0.2 | 2.0 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 4 | 127 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 68 | + 1 | + 2 | 2.2 | — 1.4 | 1.3 | 81 |
| | Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 00 | 0 | 150 | 79 | 0 | 0 | 9 | 0 | 0 | 73 | 70 | — 4 | + 4 | 4.5 | + 1.4 | 3.1 | 68 |
| | Satkhira | 000 | 3 | 7 | 27 | 03 | 9' | 00 | 4 | 132 | 79 | [illegible] | 2 | 7 | 0 | 0 | 73 | // | — 1 | | 3.0 | + 0.7 | 2.8 | 65 |
| | Jessore | 000 | 0 | 0 | 24 | 08 | 95 | 01 | 4 | /// | 73 | 7 | 7 | 2 | 0 | 0 | 73 | 68 | | / | 4.7 | + 1.5 | 3.6 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 99 | 02 | 0 | 119 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 67 | — | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 111 | 79 | 0 | 0 | 9 | 0 | 0 | 58 | 68 | + 2 | + 7 | 2.2 | + 0.1 | 1.9 | 64 |
| | Rajshahi | 000 | 0 | 0 | 03 | 00 | 97 | 02 | 0 | 123 | 79 | 0 | 0 | 9 | 0 | 0 | 76 | 65 | + 1 | + 4 | 2.5 | + 0.3 | 1.6 | — |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 118 | 79 | 0 | 0 | 9 | 0 | 0 | 64 | 65 | — 5 | + 4 | — | — | | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 08 | 0 | 119 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 64 | + 2 | + 6 | — | — | — | 72 |
| | Rangpur | 000 | 0 | 0 | 23 | 05 | 96 | 01 | 0 | 132 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 56 | — 2 | — 1 | 2.7 | + 0.9 | 1.2 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 95 | 05 | 1 | 138 | 60 | 0 | 0 | 9 | 0 | 2 | 54 | 57 | — 3 | + 7 | 1.7 | — 1.2 | 1.7 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 130 | 60 | 0 | 0 | 9 | 0 | 0 | 47 | // | + 5 | / | — | | — | 32 |
| Rawalpindi | Jhelum | 000 | 9 | 1 | 31 | 03 | 97 | 02 | 2 | 147 | 60 | 3 | 5 | 6 | 7 | 0 | 57 | 56 | — | — | — | — | — | — |
| | Islamabad | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | /// | 56 | 5 | 4 | 4 | 3 | 2 | 45 | 54 | | | 5.8 | — | 5.8 | — |
| | Rawalpindi | 000 | 2 | 7 | 00 | 00 | 98 | 02 | 5 | 163 | 54 | 3 | 5 | 6 | 0 | 7 | 47 | 51 | — 2 | + 4 | — | — | — | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 080 | 0 | 0 | 00 | // | 97 | 02 | 2 | 140 | 60 | 0 | 0 | 9 | 5 | 3 | 54 | 58 | — 2 | + 5 | 1.5 | — 0.9 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 6 | 00 | 00 | 96 | 84 | 2 | 146 | 56 | 1 | 5 | 6 | 3 | 2 | 50 | 56 | — | — | 1.8 | — | 1.3 | — |
| | Lyallpur | ... | .. | ... | ... | ... | ... | .. | .. | .. | . | ... | .. | ... | .. | ... | ... | ... | + 2 | | | | | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 3 | 36 | 02 | 97 | 03 | 0 | 149 | 58 | 1 | 1 | 6 | 3 | / | 51 | // | 0 | / | 0.7 | — 0.5 | 0.7 | 7 |
| | Leiah | ... | .. | .. | .. | .. | . | ... | . | ... | ... | .. | ... | . | ... | .. | .. | .. | — | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 02 | 05 | 97 | 02 | 0 | 143 | 60 | 1 | 0 | 9 | 3 | 0 | 47 | 58 | — 4 | + 5 | 1.9 | + 1.0 | 1.6 | 6 |
| | Bahawalpur | 000 | 0 | 3 | 08 | 00 | 96 | 08 | 0 | 143 | 62 | 0 | 0 | 9 | 0 | 1 | 50 | 56 | — 1 | + 2 | — | — | — | 6 |
| | Fort Abbas | 000 | 8 | 9 | 36 | 02 | 98 | 00 | 0 | 126 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 58 | — | — | — | — | — | 8 |
| Malakand | Chakdra | 000 | 1 | 8 | 05 | 07 | 96 | 20 | 5 | 160 | 51 | 8 | 5 | 6 | / | 0 | 49 | 50 | — | — | — | — | — | — |
| Peshawar | Peshawar | 002 | 5 | 8 | 00 | 00 | 97 | 60 | 6 | 174 | 58 | 3 | 5 | 6 | 2 | 0 | 54 | 56 | — 3 | + 7 | 2.6 | — 2.0 | 2.1 | 11 |
| | Haripur | 000 | 5 | 6 | 05 | 03 | 97 | 03 | 5 | 164 | 56 | 6 | 0 | 5 | 3 | 0 | 45 | 56 | — | — | 5.6 | — | 4.7 | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 27 | 02 | 98 | 04 | 5 | 161 | 58 | 6 | 2 | 7 | 0 | 0 | 49 | 55 | — | — | — | — | — | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 153 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | 58 | — 8 | + 6 | 6.9 | + 5.1 | 6.9 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 03 | 1 | 160 | 60 | 6 | 2 | 9 | 6 | 2 | 56 | 53 | — | — | 0.5 | — | 0.5 | 8 |
| | Nokkundi | 010 | 5 | 0 | 23 | 04 | 96 | 40 | 5 | 168 | 53 | 6 | 5 | 5 | 2 | / | 51 | 51 | — | — | 1.9 | — | 1.9 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 136 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 68 | — | — | — | — | — | — |
| | Jiwani | 040 | 9 | 6 | 05 | 03 | 96 | 03 | 0 | 140 | 63 | 2 | 6 | 5 | 3 | 8 | 59 | 62 | — | — | 8.3 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 4 | 29 | 08 | 97 | 02 | 0 | 148 | 62 | 4 | 0 | 9 | 0 | 0 | 60 | // | + 2 | / | 1.5 | — 2.9 | 2.5 | 6 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | | | | | | | |
| | Lasbela | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 142 | 65 | 0 | 0 | 8 | 0 | 0 | 67 | 62 | — | — | — | — | — | 4 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 143 | 68 | 0 | 0 | 9 | 0 | 0 | 61 | 64 | + 2 | — 3 | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 140 | 64 | 0 | 0 | 9 | 0 | 0 | 60 | 58 | — | — | 3.0 | — | 3.0 | 8 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 154 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 67 | — | | — | — | — | — |
| | Chhor | 000 | 0 | 0 | 26 | 03 | 96 | 02 | 0 | 124 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 59 | — | — | — | — | — | 7 |
| | Hyderabad | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 0 | 144 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | — 10 | — 1 | 1.2 | + 0.6 | 1.2 | 9 |
| | Badin | 000 | 0 | 9 | 31 | 03 | 97 | 02 | 0 | 151 | 62 | 0 | 0 | 9 | 0 | 0 | 53 | 60 | — 6 | 0 | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 149 | 60 | 0 | 0 | 9 | 0 | 0 | 50 | 55 | — | — | 0.7 | — | 0.7 | — |
| | Nawabshah | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 150 | 61 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 146 | 63 | 0 | 0 | 9 | 0 | 0 | 50 | 57 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 23 | 02 | 96 | 03 | 0 | 141 | 65 | 2 | 0 | 9 | 3 | 0 | 59 | 58 | — 7 | + 1 | 2.2 | + 1.3 | 2.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar •... | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ••... | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ••... | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Dras ••... | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ••... | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu •... | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ••... | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad •... | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit •... | | | | | | | | | | | | | | | | | | | | | | | 99 |
| Rawalpindi | Murree •.. | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Malakand | Drosh •... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 89 |
| Peshawar | Cherat •... | 005 | 9 | 8 | 18 | 03 | // | // | 1 | 523 | 47 | 0 | 0 | 9 | 3 | 0 | 40 | // | + 1 | / | 4.1 | — 4.4 | 3.7 | — |
| | Kakul •... | 000 | 0 | 6 | 34 | 02 | 98 | 03 | 2 | 509 | 49 | 4 | 4 | 5 | 3 | 8 | 38 | 47 | — | — | — | — | — | — |
| | Landikotal •... | 011 | 1 | 8 | 36 | 02 | 98 | 03 | 8 | 616 | 47 | 8 | 7 | 6 | / | 1 | 35 | 40 | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar •... | 056 | 9 | 8 | 00 | 00 | 96 | 02 | 5 | 516 | 40 | 8 | 7 | 5 | / | / | 38 | 38 | | + 2 | — | — | — | 13 |
| D. I. Khan | Miranshah •... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 503 | 59 | 0 | 0 | 9 | 0 | 0 | 45 | 51 | — | — | 0.1 | — 4.4 | 0.1 | 11 |
| | Wana •... | 010 | 0 | 6 | 00 | 00 | 98 | 01 | 5 | 493 | 45 | 6 | 2 | 8 | 0 | 0 | 43 | 41 | | — | — | — | — | 13 |
| Quetta | Fort Sandeman •... | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 506 | 45 | 4 | 1 | 6 | 0 | 0 | 43 | 44 | — 19 | 0 | 1.5 | — 1.4 | 1.5 | — |
| | Hindubagh •... | 003 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | /// | 26 | 8 | 7 | 5 | 0 | 0 | 02 | 22 | — | — | 1.4 | — | 1.2 | 9 |
| | Loralai •... | 115 | 0 | 8 | 27 | 03 | 97 | 01 | 0 | 495 | 43 | 0 | 1 | 9 | 0 | 8 | 45 | // | — | — | 1.5 | — | 1.5 | — |
| | Barkhan •... | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai •... | 000 | 0 | 8 | 03 | 0: | 96 | 02 | 0 | 479 | 55 | 0 | 0 | 7 | 0 | 8 | 49 | 52 | — | — | 1.9 | — 1.6 | 1.9 | 9 |
| | Samungli (Quetta) •... | 020 | 9 | 8 | 00 | 00 | 96 | 02 | 6 | 504 | 45 | 3 | 5 | 6 | 2 | 0 | 42 | 42 | — | — | 2.8 | — 3.0 | 2.1 | 9 |
| | Chaman •... | 000 | 0 | 9 | 09 | 03 | // | // | / | 459 | 54 | 9 | 1 | 6 | 0 | 0 | 54 | 38 | — 5 | — 6 | 7.7 | — 2.2 | 7.7 | — |
| | Nushki •... | 009 | 9 | 8 | 00 | 00 | 97 | 60 | 6 | 545 | 49 | 8 | 6 | 6 | 0 | 0 | 33 | 40 | — | — | 3.3 | — | 3.1 | 4 |
| | Dalbandin •... | 010 | 6 | 8 | 05 | 02 | 97 | 50 | 5 | 504 | 49 | 8 | 5 | 6 | / | / | 49 | 40 | — 11 | + 1 | 2.8 | + 0.1 | 2.7 | 9 |
| Kalat | Kalat •... | 150 | 3 | 7 | 27 | 02 | 96 | 00 | 2 | 537 | 40 | 8 | 6 | 9 | / | / | 38 | 34 | — 4 | — 1 | 3.0 | — 1.0 | 3.0 | — |
| | Khuzdar •... | 089 | 3 | 8 | 00 | 00 | 96 | 02 | 6 | 489 | 49 | 4 | 5 | 6 | 2 | 0 | 47 | 47 | — | — | 2.7 | — | 2.4 | 5 |
| | Panjgur •... | | | | | | | | | | | | | | | | | | | | | | | |

† Given in Code

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**MONDAY THE 9th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | 8$N_s$C$h_sh_s$ | 0$T_sT_sT_dT_d$ | 1$T_wT_wT_wT$ | 3$P_wP_wH_wH_w$ | $d_wd_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABAIN SEA** | | | | | | | | | | | | | | |
| Tramesidew ... ... | 99 2 08 | 10 6 51 | 08 0 03 | 30 0 00 | 98 0 30 | 12 1 23 | 32 4 00 | 33 6 03 | – | | 0 / / 18 | 12 3 00 | 30 0 00 | 05 7 03 |
| Chokdor ... ... | 99 2 30 | 10 6 05 | 08 0 03 | 11 7 13 | 98 0 20 | 11 4 23 | 11 5 00 | 33 4 00 | ... | | 0 / / 16 | 12 4 43 | 30 2 03 | 17 3 03 |
| Makedionuja ... ... | 99 2 27 | 10 6 00 | 08 0 03 | 32 0 05 | 97 0 20 | 10 0 23 | 31 5 00 | ... | 73 7 23 | | 05 2 14 | 12 4 00 | 30 5 01 | 23 6 02 |
| Makedjonuja ... ... | 99 2 36 | 10 5 90 | 08 0 63 | 02 0 05 | 97 8 54 | 11 0 20 | 00 9 00 | ... | 73 2 10 | | 05 8 18 | 12 4 00 | 20 5 01 | 23 6 02 |
| Tramadsow ... ... | 99 2 00 | 10 6 22 | 08 0 63 | 10 4 07 | 98 8 20 | 14 8 24 | 11 4 00 | 33 0 15 | ... | | 0 / / 18 | 12 4 16 | 30 5 01 | 27 7 02 |
| Kabylia ... ... | 99 2 14 | 10 6 26 | 08 1 23 | 61 7 05 | 97 0 31 | 11 2 24 | 62 4 00 | ... | ... | | 0 / / 13 | 12 4 37 | 30 1 01 | 99 / / 02 |
| Makedionuja ... ... | 99 2 45 | 10 5 68 | 01 8 123 | 03 4 03 | 97 0 54 | 09 0 24 | 00 5 00 | ... | 73 7 10 | | 00 0 19 | 12 4 55 | 30 6 02 | 00 0 00 |
| Tramandow ... ... | 99 1 94 | 10 6 74 | 08 1 23 | 00 8 00 | 97 0 50 | 11 3 25 | 00 9 00 | 33 6 20 | – | | 0 / / 19 | 12 4 55 | 3 / / 00 | 25 7 02 |
| Chakdena ... ... | 99 1 98 | 10 6 45 | 08 1 23 | 10 8 01 | 97 0 54 | 14 1 24 | 11 5 00 | 33 2 12 | ... | | 0 / / 16 | 11 2 56 | 30 0 00 | 00 / 00 |
| Kabylia ... ... | 99 2 24 | 10 6 19 | 08 1 23 | 00 2 08 | 97 0 21 | 03 0 23 | 80 9 00 | ... | ... | | 0 / / 15 | 12 3 08 | 8 / / / / | / / / / / |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 008 194 17 | ... | 450 114 38 | 081 024 56 | 575 899 57 | 742 233 57 | 948 355 64 | 220 547 // | 399 671 // | 636 851 // | ... | ... | .. |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 010 200 47 | ... | 450 090 40 | 058 011 // | 566 165 // | 731 235 // | 935 351 // | 212 471 // | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 974 136 19 | ... | 450 094 45 | 081 000 55 | 568 183 // | 721 293 // | 929 441 // | 194 501 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 819 060 33 | ... | /// /// // | 053 025 04 | /// /// // | 726 371 // | 915 839 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 992 114 56 | ... | 450 114 67 | 055 071 62 | 551 221 // | 712 305 // | 912 391 // | 184 441 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 154 45 | 800 080 38 | 644 020 56 | 622 080 56 | 600 021 56 | 350 285 15 | ... | ... | ... | 100 801 // | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 220 236 16 | ... | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 060 // | 738 000 20 | 600 103 // | 350 409 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 270 10 | 270 12 | 285 06 | 255 05 | 305 08 | 300 19 | 280 30 | 260 27 | 240 29 |
| Bogra | 255 12 | 255 04 | 260 07 | 200 08 | 275 19 | 275 21 | ... | ... | .. |
| Chaklala | | 005 05 | 030 05 | 340 05 | 160 09 | ... | ... | ... | ... |
| Chhor | 260 05 | 030 02 | 040 02 | 330 05 | ... | ... | ... | ... | ... |
| Chittagong | 275 10 | 300 06 | /// // | 350 06 | 350 08 | 285 15 | 245 19 | 260 27 | ... |
| Cherat | | | | | | ... | ... | ... | ... |
| Cox's Bazar | 320 08 | 330 08 | 330 07 | 280 15 | 310 10 | 270 19 | 270 22 | ... | ... |
| Dacca | 270 04 | 290 04 | 305 04 | 305 06 | 260 08 | 270 13 | 300 29 | 270 32 | 270 34 |
| Dalbandin | | | 185 03 | 255 10 | 225 10 | 220 17 | 240 31 | ... | . |
| D. I. Khan | 065 09 | 030 06 | 350 07 | 340 06 | 155 05 | 180 14 | ... | ... | ... |
| Drosh | | ... | ... | 235 06 | 215 04 | 225 06 | ... | ... | ... |
| Fort Sandeman | | .. | ... | 030 11 | 045 04 | 170 05 | .. | ... | ... |
| Gilgit | | | | 295 04 | 270 03 | 210 08 | 160 11 | ... | .. |
| Ishurdi | 290 03 | 295 04 | 255 05 | 250 08 | ... | ... | ... | | ... |
| Jacobabad | 055 02 | 065 03 | 070 04 | 100 05 | 120 03 | 180 10 | 245 33 | 235 39 | . |
| Jessore | 220 09 | 225 05 | 230 05 | 210 05 | 150 06 | 280 11 | 230 23 | 285 29 | 270 57 |
| Jhelum | 020 07 | 010 05 | 330 13 | 010 14 | 110 14 | 180 10 | ... | .. | ... |
| Jiwani | 140 15 | 145 14 | 130 13 | 160 17 | ... | ... | | ... | . |
| Karachi | 070 05 | 070 01 | 045 05 | 045 04 | 215 12 | 235 20 | 240 29 | 230 39 | .. |
| Khanpur | 360 09 | 350 10 | 360 10 | 050 13 | 070 08 | 175 10 | ... | ... | . |
| Khuzdar | | | | 150 11 | 185 04 | 220 11 | | .. | ... |
| Lahore | 010 18 | 015 07 | 040 06 | 070 03 | 120 08 | 165 05 | 135 07 | .. | ... |
| Multan | 045 18 | 005 21 | 040 20 | 040 25 | 020 13 | 180 12 | 190 33 | . | ... |
| Nawab Shah | 335 09 | 340 10 | 345 08 | 130 04 | 220 07 | 230 17 | 245 43 | 235 45 | . |
| Nokkundi | ... | ... | 105 03 | 270 02 | 295 02 | 200 07 | ... | ... | ... |
| Panjgur | .. | | | | | | | ... | ... |
| Peshawar | | 040 17 | 050 13 | 035 06 | 050 06 | 090 07 | 225 11 | . | ... |
| Parachinar | No | Ascent | | | ... | | | ... | .. |
| Quetta | | | | | 165 13 | 150 75 | | ... | |
| Sargodha | 030 07 | 040 07 | 040 10 | 110 06 | 160 11 | 200 20 | 240 20 | 245 18 | 250 24 |
| Skardu | | | | | 220 01 | | | ... | . |
| Sylhet | 270 10 | 270 09 | 280 11 | 285 09 | 285 17 | 285 15 | 285 26 | ... | .. |
| Veraval | | | | | ... | | | ... | . |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 190 07 | 290 05 | 325 04 | 325 08 | 325 20 | 290 23 |
| Bogra | 290 07 | 285 09 | 280 09 | 275 12 | 285 28 | .. |
| Chaklala | ... | 080 03 | 135 07 | 135 08 | ... | ... |
| Chhor | 025 12 | 010 10 | 240 03 | 245 05 | 280 // | 250 17 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | .. | .. |
| Cox's Bazar | ... | | ... | ... | ... | ... |
| Dacca | ... | ... | ... | ... | | ... |
| Dalbandin | | ... | 090 07 | 070 10 | 130 06 | |
| D. I. Khan | 310 06 | 315 05 | 315 05 | 300 05 | 270 06 | 260 07 |
| Drosh | No | Ascent | ... | ... | . | ... |
| Fort Sandeman | | ... | ... | | | ... |
| Gilgit | ... | | | 095 03 | 290 01 | 135 12 |
| Ishurdi | 050 07 | 305 10 | 305 12 | 305 18 | 055 // | 310 47 |
| Jacobabad | /// // | /// // | /// // | 160 05 | 230 06 | 150 13 |
| Jessore | No | Ascent | ... | ... | ... | . |
| Jhelum | ... | | | | ... | ... |
| Jiwani | 065 12 | 120 08 | 170 06 | 230 05 | ... | ... |
| Karachi | ... | | | | | ... |
| Khanpur | 005 12 | 360 20 | 005 20 | 055 08 | 135 15 | 195 11 |
| Khuzdar | No | Ascent | ... | | ... | |
| Lahore | 105 08 | 115 12 | 125 15 | 130 23 | 190 26 | 155 31 |
| Multan | 010 25 | 010 13 | 080 08 | 145 06 | 160 02 | 220 15 |
| Nawab Shah | 360 16 | 360 13 | 015 10 | 085 01 | 185 02 | 235 20 |
| Nokkundi | No | Ascent | ... | ... | ... | . |
| Panjgur | .. | | ... | | | |
| Peshawar | .. | 320 06 | 045 06 | 120 05 | 185 07 | 185 13 |
| Parachinar | No | Ascent | ... | . | ... | .. |
| Quetta | | | | | | |
| Sargodha | 010 10 | 060 02 | 055 02 | 155 05 | 195 09 | 210 08 |
| Skardu | ... | ... | | ... | 220 20 | 238 53 |
| Sylhet | ... | ... | ... | ... | | . |
| Veraval | ... | ... | | .. | | |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 250 04 | 290 05 | 315 05 | 325 09 | 320 10 | ... | ... | ... | ... | ... | ... |
| Bogra | 265 06 | 275 09 | 275 08 | 280 16 | 290 21 | 260 31 | 275 23 | ... | ... | ... | . |
| Chaklala | ... | 280 06 | 105 02 | 145 05 | 195 10 | ... | ... | ... | ... | ... | ... |
| Chhor | 005 06 | 340 05 | 310 03 | 215 00 | 200 10 | 240 15 | 230 10 | 245 36 | 245 26 | ... | |
| Chittagong | 285 02 | 010 03 | 345 06 | 325 15 | 315 25 | 285 21 | 270 51 | 260 32 | 250 35 | 270 41 | 270 53 |
| Cherat | | | ... | ... | | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 335 10 | 360 13 | 360 14 | 345 13 | 360 20 | ... | ... | ... | | | ... |
| Dacca | 200 06 | 245 05 | 265 06 | 290 14 | 300 23 | 300 25 | 280 29 | 285 42 | 280 46 | 280 52 | ... |
| Dalbandin | ... | ... | 070 06 | 075 12 | 045 09 | ... | ... | | ... | . | ... |
| D. I. Khan | 350 06 | 345 07 | 345 04 | 200 04 | 175 04 | 165 07 | 255 12 | 220 13 | 230 26 | 280 23 | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 010 13 | 130 01 | 025 11 | 165 13 | ... | ... | ... | ... |
| Gilgit | | ... | ... | ... | ... | ... | ... | ... | . | ... | ... |
| Ishurdi | 250 04 | 260 03 | 270 10 | 300 19 | 305 21 | 285 27 | ... | ... | ... | ... | . |
| Jacobabad | 325 09 | 360 05 | 080 07 | ... | ... | ... | ... | ... | ... | . | ... |
| Jessore | 275 10 | 270 08 | 270 08 | 285 12 | 295 21 | 325 35 | 335 // | ... | ... | ... | ... |
| Jhelum | 320 08 | 350 07 | 085 04 | 195 04 | 145 12 | ... | ... | ... | ... | ... | . |
| Jiwani | 090 09 | 110 07 | 115 05 | 265 03 | 305 05 | 260 22 | 270 27 | 270 30 | 265 34 | ... | .. |
| Karachi | 020 05 | 030 05 | 045 02 | 200 04 | 225 11 | 225 19 | 250 27 | 250 52 | 245 53 | ... | |
| Khanpur | 035 12 | 020 13 | 025 12 | 035 08 | 035 09 | 120 08 | 170 14 | 205 19 | 205 21 | 210 21 | 225 32 |
| Khuzdar | ... | | | 235 02 | 250 09 | ... | ... | ... | ... | ... | |
| Lahore | 040 01 | 015 06 | 010 05 | 015 05 | 215 06 | 160 05 | 225 15 | 220 17 | 230 13 | 240 25 | 240 23 |
| Multan | 010 12 | 135 19 | 045 15 | 050 15 | 100 15 | 145 29 | 135 33 | 185 32 | 205 46 | 220 51 | 215 65 |
| Nawab Shah | 360 02 | 025 04 | 030 04 | 035 05 | 215 03 | 235 25 | 225 15 | 215 27 | 205 35 | ... | ... |
| Nokkundi | ... | ... | 160 05 | 165 03 | 035 04 | 360 03 | ... | ... | ... | .. | ... |
| Panjgur | | | | | | ... | . | ... | .. | ... | ... |
| Peshawar | ... | 335 09 | 295 05 | 335 02 | 190 11 | .. | ... | ... | . | | ... |
| Parachinar | ... | ... | ... | 150 03 | 095 04 | ... | ... | .. | ... | ... | . |
| Quetta | | | | | 355 05 | | | ... | | ... | .. |
| Sargodha | 350 03 | 020 03 | 145 03 | 185 06 | 175 07 | 230 11 | 245 20 | 245 20 | 235 20 | ... | ... |
| Skardu | | ... | | | | ... | ... | ... | ... | ... | ... |
| Sylhet | 075 02 | 250 07 | 265 11 | 260 15 | 280 17 | 295 29 | 275 48 | ... | ... | ... | . |
| Veraval | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 290 12 | 315 09 | 030 08 | 045 08 | 140 06 | 225 15 | 230 34 | 240 42 | 235 47 | 245 57 | 250 67 | 240 84 | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

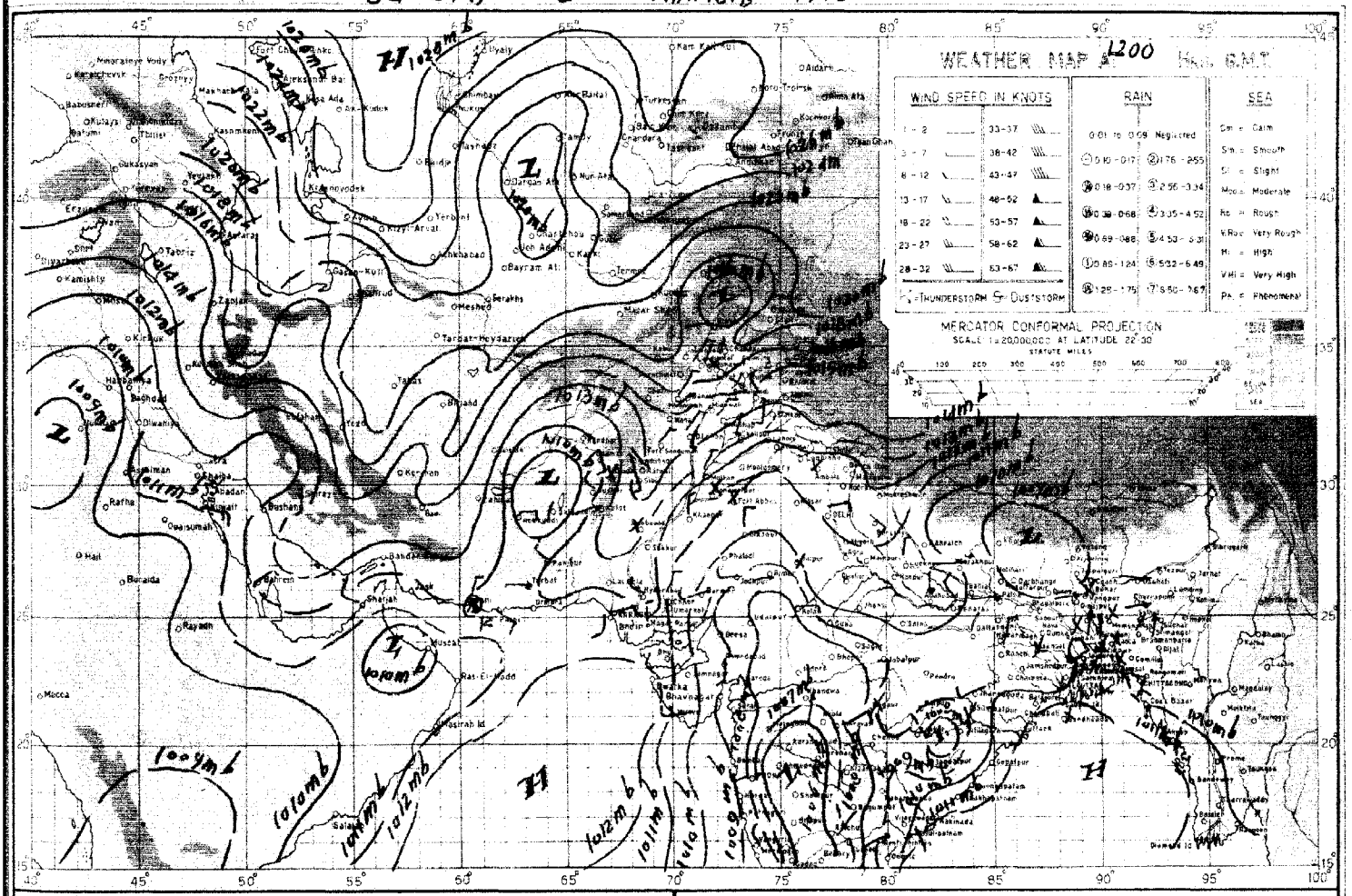
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

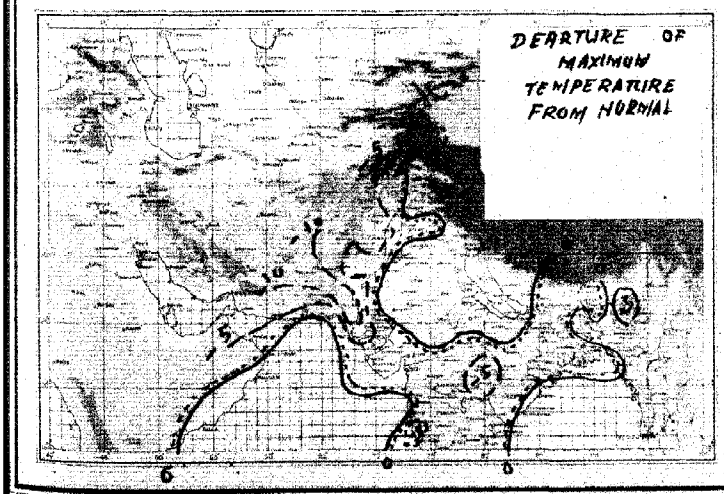
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

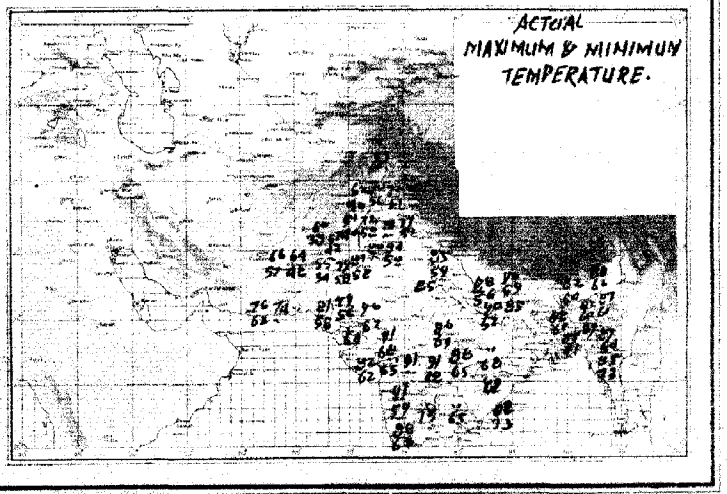
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 8th MARCH, 1970.

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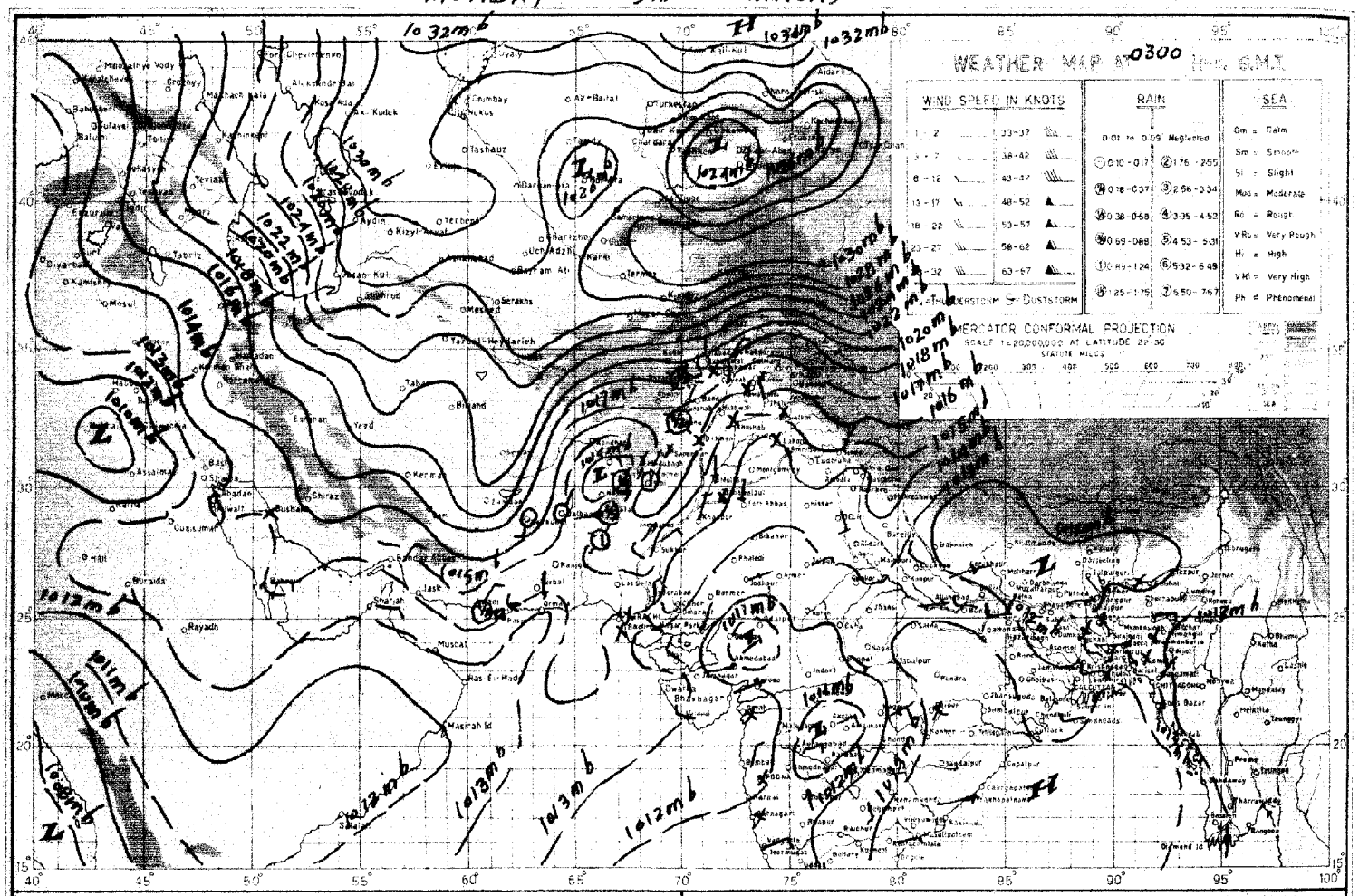
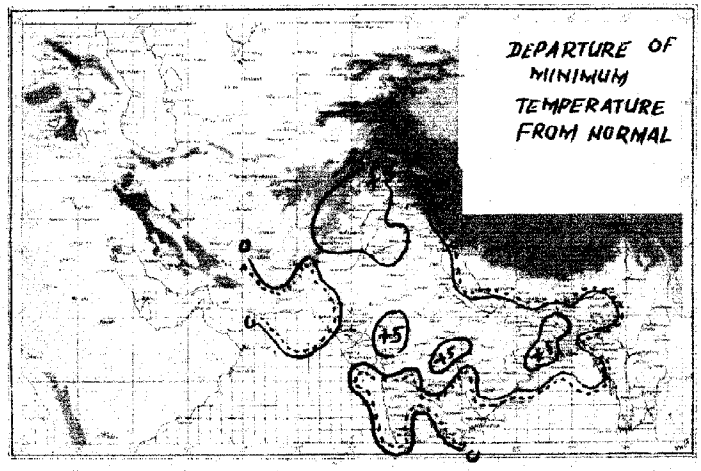
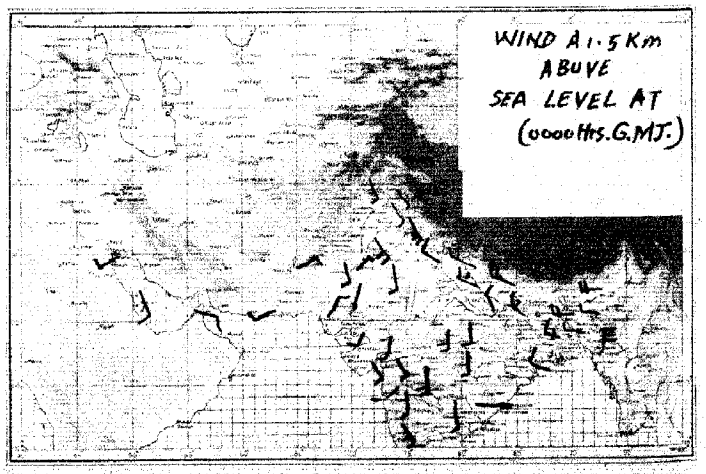
# PAKISTAN DAILY WEATHER MAP

MONDAY 9th MARCH,

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

TUESDAY THE 10th MARCH. 1970.

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

Yesterdays western disturbance is moving away across East Punjab.

The western disturbance over Quetta and D. I. Khan divisions is now moving across Peshawar division and adjoining areas.

Rain/thundershowers have been fairly widespread in Malakand division, local in D. I. Khan and Quetta divisions and scattered in Lahore and Peshawar division. A few thundershowers or light showers also occurred in Raw lpindi, Sargodha and Khairpur divisions.

A trough of low pressure lies over Orissa and adjoining west Bengal. Tnunderstorm have been reported from a few places in Dacca division. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are recorded Fort Sandeman ¾", Drosh, Wana and D. I. Khan ½" each and Lahore, Harnai, Quetta ¼" each.

Night temperatures were 9—11 °F (5—6 °C) above normal in Lahore, D. I. Khan divisions 3—7 °F (2—4 °C) so in East Pakistan and in Rawalpindi divisions and were 3—6 °F (2—3 °C) below normal in Sargodha, Peshawar and Quetta divisions.

**Forecast valid until the evening of 11th March 1970 :**—Fairly widespread rain/thundershowers are likely to occur in Peshawar, Malakand, Rawalpindi divisions and Kashmir and scattered in D. I. Khan, Sargodha, Lahore and Rajshahi divisions. Weather is likely to be dry elsewhere over the country.

**Cold wave warning** A mild cold wave is likely to sweep across Quetta and Khairpur division during the next 24 hours and may extend to the northwestern divisions of West Pakistan during the subsequent 24 hours.

Karachi-11
The 10th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 23 | 02 | 95 | 04 | 0 | 094 | 80 | 1 | 1 | 7 | 0 | 0 | 60 | 93 |
| | Cox's Bazar | 000 | 0 | 0 | 27 | 11 | 94 | 02 | 0 | 097 | 78 | 0 | 0 | 9 | 0 | 0 | 70 | 85 |
| | Chittagong | 000 | 0 | 1 | 22 | 06 | 96 | 02 | 0 | 094 | 80 | 1 | 0 | 9 | 1 | 0 | 72 | 87 |
| | Maijdee Court | 000 | 9 | 2 | 00 | 00 | 97 | 03 | 0 | 087 | 66 | 1 | 2 | 8 | 0 | | 70 | 90 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 087 | 82 | 8 | 0 | 9 | 0 | 0 | 70 | 90 |
| | Brahmanbaria | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 081 | 90 | 0 | 0 | 9 | 0 | 0 | 64 | 87 |
| | Sylhet | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 079 | 80 | 0 | 0 | 9 | 0 | 4 | 59 | 87 |
| | Srimangal | ... | ... | — | — | — | — | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 94 | 80 | 0 | 081 | 85 | 0 | 8 | 4 | 0 | 0 | 80 | 87 |
| | Narayanganj | 000 | 0 | 1 | 00 | 00 | 93 | 10 | 2 | 076 | 80 | 1 | 6 | 6 | 0 | 0 | 67 | 90 |
| | Dacca (Tezgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 085 | 87 | 1 | 0 | 9 | 3 | 0 | 59 | 91 |
| | Faridpur | 000 | 0 | 1 | 20 | 02 | 97 | 01 | 1 | 105 | 87 | 1 | 5 | 6 | 0 | 0 | 72 | 91 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 091 | 85 | 0 | 0 | 9 | 0 | 0 | 60 | 90 |
| | Khulna | 000 | 0 | 8 | 00 | 80 | 97 | 00 | 0 | 129 | 80 | 0 | 0 | 9 | 0 | 0 | 78 | 85 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 008 | 87 | 0 | 0 | 9 | 0 | 0 | 59 | 91 |
| | Jessore | 000 | 0 | 1 | 27 | 05 | 97 | 02 | 1 | 084 | 87 | 1 | 4 | 5 | 0 | 0 | 58 | 91 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 98 | 02 | 0 | 080 | 87 | 0 | 0 | 9 | 0 | 0 | 54 | 91 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 079 | 90 | 0 | 0 | 4 | 3 | 0 | 59 | 90 |
| | Rajshahi | 000 | 0 | 1 | 00 | 00 | 95 | 02 | 0 | 079 | 85 | 0 | 0 | 9 | 0 | 0 | 58 | 87 |
| | Bogra | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 076 | 87 | 2 | 5 | 5 | 1 | 0 | 51 | 91 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 083 | 67 | 0 | 0 | 9 | 0 | 0 | 59 | 86 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 6 | 05 | 02 | 96 | 02 | 1 | 095 | 80 | 3 | 4 | 7 | 2 | 0 | 51 | 82 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 9 | 5 | 31 | 02 | 98 | 81 | 2 | 115 | 76 | 1 | 1 | 7 | 7 | 0 | 51 | 80 |
| | Islamabad | 008 | 0 | 7 | 00 | 80 | 96 | 03 | 0 | /// | 62 | 2 | 4 | 6 | 5 | 1 | 48 | 68 |
| | Rawalpindi | 900 | 0 | 8 | 31 | 02 | 98 | 02 | 2 | 126 | 64 | 0 | 0 | 9 | 9 | 8 | 51 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 05 | // | 97 | 03 | 2 | 112 | 76 | 5 | 2 | 8 | 6 | 0 | 54 | 78 |
| | Sargodha | 000 | 0 | 7 | 05 | 07 | 97 | 12 | 2 | 104 | 78 | 6 | 3 | 6 | 3 | 2 | 47 | 80 |
| | Lyallpur | 000 | 3 | 6 | 36 | 02 | 96 | 00 | 9 | 109 | 73 | 6 | 9 | 7 | 0 | 0 | 58 | 78 |
| Multan | Sahiwal | 000 | 0 | 6 | 36 | 05 | 97 | 03 | 2 | 096 | 78 | 2 | 0 | 9 | 3 | 6 | 49 | 80 |
| | Multan | 000 | 0 | 8 | 36 | 00 | 94 | 00 | 0 | 073 | 78 | 0 | 0 | 9 | 0 | 0 | 50 | 85 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 2 | 31 | 02 | 97 | 01 | 0 | 095 | 80 | 2 | 1 | 6 | 0 | 1 | 49 | 80 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 090 | 80 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Fort Abbas | /// | / | 0 | 27 | 02 | 98 | 00 | 0 | 084 | 85 | 0 | 0 | 9 | 0 | 0 | 70 | 86 |
| Malakand | Chakdara | 013 | 7 | 7 | 23 | 02 | 98 | 03 | 6 | 146 | 58 | 7 | 0 | 9 | 9 | 0 | 51 | 58 |
| Peshawar | Peshawar | 000 | 0 | 7 | 31 | 07 | 97 | 02 | 2 | 149 | 67 | 2 | 5 | 6 | 7 | 0 | 51 | 67 |
| | Haripur | 000 | 8 | 8 | 13 | 02 | 97 | 03 | 2 | 140 | 67 | 8 | 0 | 9 | 7 | 0 | 51 | 67 |
| D. I. Khan | Bannu | 000 | 0 | 5 | 23 | 02 | 98 | 03 | 2 | 119 | 72 | 5 | 2 | 7 | 8 | 8 | 49 | 73 |
| | D. I. Khan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 115 | 77 | 0 | 0 | 9 | 0 | 0 | 51 | 77 |
| Quetta | [illegible] | 000 | 0 | 6 | 36 | 08 | 97 | 03 | 1 | 151 | 70 | 4 | 2 | 9 | 4 | 2 | 62 | 76 |
| | [illegible] | 000 | 0 | 7 | 31 | 03 | 96 | 20 | 2 | 141 | 64 | 7 | 6 | 5 | 8 | 0 | 49 | 66 |
| Kalat | Turbat | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 148 | 76 | 0 | 1 | 9 | 0 | 0 | 53 | 76 |
| | Jiwani | 000 | 8 | 4 | 13 | 03 | 96 | 01 | 1 | 130 | 76 | 2 | 6 | 5 | 3 | 0 | 59 | 78 |
| | Pasni | 000 | 8 | 4 | 25 | 06 | 97 | 03 | 0 | 129 | 78 | 4 | 0 | 9 | 0 | 0 | 77 | 95 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 3 | 27 | 05 | 97 | 03 | 0 | 123 | 76 | 0 | 0 | 9 | 0 | 4 | 58 | 81 |
| | Karachi (Airport) | 000 | 0 | 2 | 25 | 18 | 96 | 08 | 1 | 109 | 78 | 2 | 5 | 6 | 0 | 0 | 53 | 82 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 111 | 84 | 0 | 0 | 9 | 0 | 0 | 72 | 90 |
| | Chhor | 900 | 0 | 7 | 30 | 12 | 96 | 92 | 2 | 095 | 82 | 2 | 5 | 6 | 2 | 0 | 52 | 84 |
| | Hyderabad | 000 | 0 | 6 | 09 | 02 | 97 | 03 | 1 | 108 | 81 | 0 | 0 | 9 | 0 | 8 | 49 | 83 |
| | Badin | 000 | 0 | 6 | 27 | 06 | 97 | 03 | 0 | 111 | 83 | 0 | 0 | 9 | 0 | 6 | 51 | 84 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 102 | 79 | 0 | 0 | 9 | 0 | 1 | 49 | 88 |
| | Nawabshah | 000 | 0 | 3 | 15 | 03 | 96 | 02 | 0 | 112 | 81 | 0 | 0 | 9 | 0 | 2 | 51 | 82 |
| | Sukkur | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 103 | 78 | 0 | 0 | 9 | 0 | 0 | 54 | 79 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 3 | 29 | 03 | 97 | 01 | 1 | 112 | 78 | 3 | 2 | 4 | 0 | 0 | // | 79 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 061 | 6 | 8 | 00 | 00 | 94 | 50 | 6 | 523 | 45 | 8 | 6 | 4 | / | / | 43 | 45 |
| Peshawar | Cherat * | 000 | 0 | 8 | 36 | 12 | 98 | 03 | 2 | 502 | 50 | 8 | 7 | 6 | / | / | 29 | 51 |
| | Kakul * | 000 | 0 | 7 | 31 | 05 | 97 | 03 | 2 | 590 | 40 | 3 | 3 | 5 | 7 | 0 | 20 | 63 |
| | Landikotal * | 000 | 0 | 8 | 36 | 02 | 98 | 03 | 2 | 626 | 56 | 8 | 7 | 6 | / | / | 49 | 58 |
| | Parachinar * | 002 | 0 | 7 | 18 | 08 | 97 | 03 | 1 | 495 | 51 | 7 | 5 | 5 | 0 | 0 | 38 | 54 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 04 | 99 | 00 | 0 | 493 | 63 | 0 | 0 | 9 | 0 | 0 | 41 | 64 |
| | Wana * | 000 | 0 | 5 | 00 | 00 | 99 | 00 | 0 | 475 | 47 | 5 | 2 | 8 | 0 | 0 | 45 | 50 |
| Quetta | Fort Sandeman * | 005 | 4 | 8 | 23 | 03 | 96 | 63 | 5 | 484 | 31 | 5 | 7 | 5 | 2 | / | 45 | 57 |
| | Hindubagh * | 006 | 0 | 8 | 00 | 00 | 97 | 60 | 0 | /// | 40 | 8 | 8 | 3 | 0 | 0 | 36 | 41 |
| | Loralai * | 000 | 0 | 8 | 09 | 03 | 96 | 01 | 0 | 495 | 55 | 0 | 1 | 9 | 0 | 0 | 46 | 55 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 033 | 2 | 9 | 31 | 02 | 96 | 03 | 5 | 444 | 35 | 0 | 8 | 6 | 0 | 9 | 47 | 59 |
| | Samungli (Quetta) * | 065 | 6 | 8 | 00 | 00 | 97 | 02 | 6 | 490 | 42 | 5 | 6 | 6 | 2 | 0 | 40 | 43 |
| | Chaman * | 000 | 8 | 9 | 18 | 03 | 96 | 02 | 2 | 511 | 49 | 9 | 0 | 9 | 0 | 0 | 47 | 51 |
| | Nushki * | 017 | 9 | 8 | 31 | 03 | 97 | 50 | 6 | 540 | 52 | 8 | 6 | 6 | 0 | 0 | 39 | 61 |
| | Dalbandin * | 002 | 1 | 8 | 05 | 04 | 97 | 51 | 5 | 509 | 57 | 8 | 6 | 6 | 0 | 0 | 49 | 60 |
| Kalat | Kalat * | 000 | 9 | 7 | 34 | 02 | 96 | 00 | 3 | 486 | 43 | 7 | 6 | 9 | / | / | 40 | 50 |
| | Khuzdar * | 000 | 0 | 7 | 23 | 02 | 97 | 03 | 1 | 472 | 37 | 5 | 5 | / | 2 | 0 | 49 | 61 |
| | Panjgur * | 002 | 2 | 4 | 31 | 05 | 96 | 01 | 5 | 493 | 62 | 4 | 4 | 6 | 0 | 0 | 47 | 65 |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in konts ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | ... | ... | ... | — | ... | ... | ... | ... | ... | — | — | .. | — | ... | .. | ... | .. | — 1 | | | | | — |
| Cox's Bazar | 000 | 8 | 0 | 05 | 02 | 96 | 05 | 0 | 119 | 77 | 0 | 8 | 9 | 0 | 0 | 70 | 68 | + 1 | + 3 | 1.4 | — 3.8 | 0.6 | 140 |
| Chittagong | | | | | | | | | | | | | | | | | | + 5 | | | | | 108 |
| Maijdee Court | | | | | | | | | | | | | | | | | | | | | | | 115 |
| Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 116 | 77 | 0 | 0 | 9 | 0 | 0 | 79 | 67 | + 3 | + 3 | — | — | — | 94 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 110 | 70 | 0 | 0 | 9 | 0 | 0 | 67 | // | — | — | 2.5 | — 0.9 | 1.2 | 79 |
| Sylhet | 000 | 0 | 8 | 05 | 05 | 96 | 02 | 0 | 109 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 61 | — | — | 7.3 | — | 5.8 | — |
| Srimangal | 000 | 0 | 5 | 23 | 05 | 96 | 02 | 0 | 110 | 81 | 2 | 8 | 5 | 7 | 2 | 70 | 62 | | + 4 | — | — | — | 98 |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | | | | | 91 |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 112 | 82 | 0 | 0 | 9 | 0 | 0 | 70 | 72 | + 3 | + 7 | 2.9 | — 0.2 | 1.5 | 74 |
| Dacca (Tezgaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Faridpur | 000 | 0 | 0 | 20 | 02 | 97 | 00 | 0 | 117 | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 70 | + 4 | + 7 | 3.4 | + 0.1 | 2.0 | 71 |
| Barisal | 000 | 8 | 1 | 27 | 03 | 96 | 01 | 4 | 116 | 77 | 1 | 6 | 9 | 0 | 0 | 76 | 70 | + 3 | + 4 | 2.2 | — 1.5 | 1.3 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 72 | — 4 | + 6 | 4.5 | + 1.4 | 3.1 | 68 |
| Satkhira | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 113 | 79 | 0 | 0 | 9 | 0 | 0 | 73 | 72 | + 1 | + 5 | 3.0 | — 0.8 | 2.8 | 68 |
| Jessore | 000 | 3 | 7 | 21 | 05 | 94 | 10 | 4 | 113 | 76 | 4 | 7 | 2 | 1 | 0 | 73 | 58 | — | — | 4.7 | + 1.5 | 3.6 | 65 |
| Pabna | 000 | 0 | 0 | 23 | 02 | 99 | 02 | 0 | 108 | 84 | 0 | 0 | 9 | 0 | 0 | 65 | 67 | — | — | 4.0 | — | 3.0 | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 109 | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 65 | + 4 | + 4 | 2.2 | + 0.1 | 1.9 | 64 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 114 | 79 | 0 | 0 | 9 | 0 | 0 | 63 | 67 | 0 | + 6 | 2.5 | + 0.2 | 1.6 | — |
| Bogra | 000 | 6 | 4 | 27 | 07 | 96 | 03 | 0 | 108 | 79 | 2 | 0 | 9 | 3 | 1 | 58 | 65 | + 4 | + 4 | — | — | — | 69 |
| Dinajpur | 000 | 2 | 1 | 27 | 02 | 96 | 01 | 1 | 117 | 81 | 4 | 0 | 9 | 2 | 1 | 56 | 63 | | + 0 | — | — | — | 73 |
| Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 119 | 73 | 3 | 0 | 9 | 1 | 0 | 65 | 56 | + 2 | — 1 | 2.7 | + 0.9 | 1.2 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 010 | 8 | 0 | 00 | 00 | 96 | 01 | 9 | 091 | 65 | 3 | 8 | 6 | 2 | 1 | 52 | 61 | 0 | + 11 | 1.8 | — 1.1 | 1.8 | 19 |
| Sialkot | | | | | | | | | | | | | | | | | | — | | | | | 32 |
| Jhelum | 000 | 7 | 7 | 00 | 00 | 97 | 02 | 1 | 103 | 63 | 3 | 3 | 6 | 3 | 3 | 49 | 59 | — | — | — | — | — | — |
| Islamabad | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 6 | /// | 58 | 2 | 4 | 5 | 6 | 3 | 49 | 54 | — | — | 5.8 | — | 5.8 | — |
| Rawalpindi | 000 | 3 | 7 | 00 | 00 | 98 | 02 | 9 | 111 | 56 | 5 | 5 | 6 | 0 | 3 | 49 | 54 | — 2 | + 7 | — | — | — | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 01 | 0 | 095 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 57 | — 1 | + 4 | 1.5 | — 1.0 | 1.5 | 15 |
| Sargodha | 000 | 0 | 7 | 05 | 03 | 97 | 03 | 0 | 099 | 56 | 5 | 8 | 6 | 0 | 1 | 52 | 56 | — | — | 1.5 | — | 1.3 | — |
| Lyallpur | 000 | 0 | 5 | 36 | 02 | 95 | 01 | 0 | 098 | 59 | 5 | 9 | 7 | 0 | 0 | 54 | 54 | — 1 | — 3 | — | — | — | 13 |
| Sahiwal | 000 | 0 | 2 | 27 | 05 | 97 | 01 | 1 | 107 | 59 | 0 | 0 | 9 | 0 | 7 | 52 | 56 | 0 | + 2 | 0.7 | — 0.5 | 0.7 | 18 |
| Multan | 000 | 0 | 0 | 23 | 13 | 94 | 02 | 0 | 000 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | // | — | — | 0.0 | — | 0.0 | 7 |
| Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Khanpur | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 113 | 59 | 2 | 0 | 9 | 3 | 0 | 58 | 58 | — 5 | + 5 | 1.9 | + 1.0 | 1.6 | 6 |
| Bahawalpur | 000 | 0 | 6 | 08 | 00 | 96 | 08 | 0 | 113 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 58 | — 2 | + 4 | — | — | — | 8 |
| Fort Abbas | 000 | 0 | 0 | 36 | 05 | 98 | 03 | 0 | 094 | // | 0 | 0 | 9 | 0 | 0 | 43 | 58 | — | — | — | — | — | 8 |
| Chakdara | 000 | 0 | 8 | 05 | 03 | 96 | 61 | 6 | 123 | 50 | 8 | 5 | 6 | / | / | 49 | 49 | — | — | — | — | — | — |
| Peshawar | 010 | 4 | 8 | 00 | 00 | 96 | 60 | 6 | 135 | 56 | 4 | 5 | 6 | 2 | / | 52 | 54 | — 6 | + 5 | 2.7 | — 1.9 | 2.3 | 11 |
| Haripur | /// | 0 | 7 | 05 | 03 | 97 | 03 | 8 | 119 | 56 | 7 | 8 | 9 | 4 | 0 | 51 | 51 | — | — | 5.6 | — | 4.7 | — |
| Bannu | 000 | 0 | 8 | 31 | 02 | 98 | 50 | 5 | 106 | 59 | 8 | 2 | 6 | 0 | 0 | 52 | 58 | — | — | — | — | — | 11 |
| D. I. Khan | 051 | 0 | 3 | 23 | 02 | 97 | 02 | 6 | 111 | 63 | 0 | 0 | 9 | 3 | 0 | 54 | 56 | — 3 | + 4 | 7.9 | + 5.7 | 7.5 | 9 |
| [illegible] | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 156 | 60 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | — | — | 0.5 | — | 0.5 | 8 |
| [illegible] | 001 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 189 | 51 | 0 | 0 | 9 | 0 | 0 | 26 | 50 | — | — | 1.9 | — | 1.9 | 8 |
| Turbat | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 127 | 65 | 0 | 0 | 9 | 0 | 0 | 45 | 60 | — | — | — | — | — | — |
| Jiwani | 000 | 0 | 0 | 05 | 03 | 96 | 02 | 0 | 148 | 66 | 0 | 0 | 9 | 0 | 0 | 53 | 63 | — | — | 8.3 | — | 8.3 | 8 |
| Pasni | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 143 | 62 | 8 | 0 | 9 | 0 | 0 | 50 | 48 | + 3 | // | 1.5 | — 1.8 | 2.5 | 6 |
| Ormara | /// | 0 | 3 | 08 | 00 | 98 | 00 | 0 | 115 | 61 | 0 | 0 | 9 | 0 | 0 | 53 | 58 | | — | — | — | — | 6 |
| Karachi (Manora) | ... | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | 0 | | | | | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 121 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — | — | 3.0 | — | 3.0 | 8 |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 133 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 70 | — | — | — | — | — | — |
| Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 119 | 61 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | — | — | — | — | — | 7 |
| Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 120 | 65 | 0 | 0 | 9 | 0 | 0 | 55 | 61 | — 6 | 0 | 1.2 | + 0.5 | 1.2 | 9 |
| Badin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 128 | 62 | 0 | 0 | 9 | 0 | 0 | 53 | 60 | — 6 | 0 | 0.1 | — 0.8 | 0.1 | — |
| Padidan | 000 | 6 | 0 | 36 | 03 | 96 | 01 | 5 | 116 | 61 | 0 | 0 | 9 | 0 | 0 | 50 | 54 | — | — | 0.7 | — | 0.7 | — |
| Nawabshah | 008 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 132 | 61 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — | — | 0.4 | — | 0.4 | 4 |
| Sukkur | 000 | 2 | 0 | 13 | 03 | 95 | 05 | 4 | 117 | 59 | 0 | 0 | 9 | 0 | 0 | 59 | 56 | — | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 36 | 07 | 96 | 03 | 0 | 115 | 61 | 0 | 0 | 9 | 0 | 0 | 52 | 57 | — | 0 | 2.2 | + 1.3 | 2.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 30 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 89 |
| Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh * | 007 | 0 | 8 | 00 | 00 | 93 | 61 | 6 | 497 | 41 | 6 | 7 | 3 | 2 | / | 40 | 36 | — 10 | — | — | — | — | 29 |
| Cherat * | 015 | 8 | 9 | 13 | 09 | 91 | 61 | 6 | 470 | 45 | 0 | 0 | 9 | 0 | 0 | 45 | 42 | — 7 | — 3 | 4.5 | — 3.4 | 3.9 | — |
| Kakul * | 002 | 1 | 7 | 36 | 05 | 97 | 03 | 9 | 501 | 49 | 5 | 4 | 5 | 3 | 9 | 45 | 46 | — | — | — | — | — | — |
| Landikotal * | /// | 8 | 8 | 36 | 02 | 98 | 03 | 1 | 612 | 43 | 8 | 7 | 6 | / | / | 41 | 40 | — | — | 4.3 | — | 3.6 | 29 |
| Parachinar * | /// | 0 | 8 | 00 | 00 | 96 | 63 | 6 | 489 | 43 | 8 | 7 | 5 | / | / | 40 | 40 | — 2 | + 4 | 4.2 | — | 3.4 | 13 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 497 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 50 | — | — | 0.1 | — 4.5 | 0.1 | 11 |
| Wana * | 050 | 0 | 4 | 00 | 00 | 99 | 00 | 0 | 483 | 49 | 4 | 2 | 8 | 0 | 0 | 48 | 45 | — | + 9 | — | — | — | 13 |
| Fort Sandeman * | 000 | 0 | 3 | 18 | 02 | 98 | 01 | 2 | 480 | 44 | 2 | 4 | 7 | 0 | 0 | // | 42 | — 12 | — 2 | | | | — |
| Hindubagh * | 000 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | /// | 26 | 0 | 0 | 9 | 0 | 0 | 23 | 20 | — | — | 1.4 | — | 1.2 | 9 |
| Loralai * | 025 | 0 | 0 | 27 | 07 | 97 | 00 | 0 | 470 | 48 | 0 | 0 | 9 | 0 | 0 | 35 | 48 | — | — | 1.8 | — | 1.7 | — |
| Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 03 | 0 | 454 | 52 | 0 | 0 | 9 | 0 | 0 | 34 | 46 | — | — | 1.9 | — 1.7 | 1.9 | 9 |
| Samungli (Quetta) * | 000 | 8 | 8 | 00 | 00 | 96 | 03 | 0 | 510 | 39 | 5 | 6 | 9 | 4 | 0 | 32 | 34 | — | — | 2.8 | — 3.1 | 2.1 | 9 |
| Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 2 | 510 | 46 | 9 | 0 | 9 | 0 | 0 | 46 | 43 | — 14 | — 1 | 7.7 | — 2.2 | 7.7 | — |
| Nushki * | 020 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 548 | 53 | 0 | 0 | 9 | 2 | 2 | 41 | // | — | — | 3.5 | — | 3.3 | 4 |
| Dalbandin * | 004 | 8 | 1 | 00 | 00 | 96 | 03 | 5 | 494 | 42 | 1 | 0 | 9 | 3 | 0 | 41 | 41 | — 16 | — 6 | 2.8 | + 0.1 | 2.0 | 7 |
| Kalat * | 000 | 2 | 7 | 36 | 02 | 96 | 00 | 2 | 509 | 32 | 7 | 5 | 9 | / | / | 27 | // | — 9 | // | 3.0 | — 1.1 | 3.0 | — |
| Khuzdar * | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 573 | 49 | 0 | 9 | 9 | 0 | 0 | 33 | 46 | — | — | 2.7 | — | 2.4 | 5 |
| Panjgur * | 000 | 0 | 5 | 36 | 05 | 96 | 03 | 1 | 524 | 51 | 3 | 5 | 6 | 4 | 0 | 43 | 49 | — | — | — | — | — | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 10th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Daccasia ... | 99 1 30 | 10 6 77 | 09 1 83 | 00 4 05 | 98 0 20 | 11 / 26 | | | | | | | | |
| Kabylie ... | 99 2 45 | 10 5 87 | 09 3 63 | 10 6 14 | 98 0 20 | 14 4 23 | 11 4 00 | | | | 1/ 7 18 | 12 3 58 | 80 3 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 |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 008 214 09 | ... | 500 134 45 | 100 059 57 | 578 101 58 | 746 227 59 | 950 385 57 | 219 571 // | 396 689 // | 621 817 // | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 008 190 48 | ... | 430 134 45 | 256 020 // | 588 135 // | 755 221 // | 963 311 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 995 130 30 | ... | 400 140 58 | 071 054 10 | 575 095 // | 743 191 // | 953 291 // | 237 385 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 970 138 34 | ... | 400 080 00 | 020 001 00 | 563 153 23 | 728 275 56 | 929 423 // | 195 545 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 820 035 33 | ... | ... | 064 083 // | 561 230 // | 721 325 // | 920 413 // | 191 495 // | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 988 134 86 | ... | 350 084 60 | 937 051 57 | 550 215 // | 712 295 // | 912 405 // | 183 485 // | 370 525 // | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 182 56 | 800 198 56 | 600 013 56 | 350 387 57 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 240 10 | 260 09 | 260 10 | 300 13 | 310 18 | 305 25 | 290 36 | ... | 270 34 |
| Bogra | 270 08 | 270 09 | 270 08 | 260 12 | 300 20 | ... | ... | ... | ... |
| Chaklala | ... | 290 08 | 360 03 | 075 02 | 170 05 | 100 07 | 120 11 | ... | ... |
| Chhor | 260 03 | 280 07 | 280 09 | 270 15 | 190 14 | 230 12 | ... | ... | ... |
| Chittagong | 285 09 | 320 09 | 330 10 | 325 14 | 315 16 | 285 10 | 270 28 | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 295 20 | 320 22 | 340 21 | 360 23 | 045 15 | ... | ... | ... | ... |
| Dacca | 320 13 | 320 15 | 290 12 | 290 08 | 285 12 | 280 14 | 290 21 | 285 33 | 290 35 |
| Dalbandin | ... | ... | 040 10 | 050 14 | 055 10 | ... | ... | ... | ... |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 040 06 | 040 03 | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 255 09 | 260 09 | 260 13 | 275 15 | 280 21 | /// // | 285 29 | ... | ... |
| Jacobabad | 310 05 | 315 06 | 315 05 | 130 04 | 215 08 | 255 13 | 240 28 | 230 33 | 230 31 |
| Jessore | 260 08 | 285 05 | 285 10 | 305 17 | 285 11 | /// // | 250 25 | /// // | 295 33 |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 100 05 | 140 04 | 190 04 | 280 07 | 295 10 | 280 12 | 280 29 | 280 31 | 275 32 |
| Karachi | 255 11 | 285 06 | 350 06 | 250 04 | 255 08 | 255 19 | 250 31 | 250 37 | 260 49 |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | | | 290 09 | 295 11 | ... | ... | ... | ... |
| Lahore | 005 06 | 015 06 | 015 05 | 030 09 | 060 04 | 160 06 | 100 04 | ... | ... |
| Multan | 040 15 | 030 12 | 030 15 | 045 13 | 075 04 | 170 21 | 210 35 | 210 46 | 220 52 |
| Nawab Shah | 335 07 | 340 06 | 020 05 | 320 40 | 255 10 | 225 14 | 235 31 | 240 38 | 240 48 |
| Nokkundi | ... | ... | 320 05 | 305 08 | 335 11 | 315 16 | ... | ... | ... |
| Panjgur | ... | | | 310 05 | 260 05 | 250 11 | 270 19 | /// // | 265 21 |
| Peshawar | ... | 355 09 | 340 10 | 345 08 | 225 01 | 215 18 | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | | | /// // | 325 08 | 335 12 | ... | ... | ... |
| Sargodha | 035 05 | 035 05 | 030 06 | 040 05 | 140 07 | ... | ... | ... | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 265 08 | 270 12 | 270 16 | 280 18 | 275 15 | 295 29 | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | | | | | | |
| Bogra | 240 08 | 295 07 | 310 08 | 315 10 | 325 12 | 340 17 |
| Chaklala | | 090 10 | 135 07 | 170 07 | ... | ... |
| Chhor | 360 22 | 005 24 | 345 07 | 295 18 | 310 09 | 275 10 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | | | | | | |
| Cox's Bazar | 345 12 | 350 11 | 350 13 | 025 05 | 010 18 | 020 25 |
| Dacca | ... | ... | | | | |
| Dalbandin | | | 010 11 | 205 25 | 305 09 | 295 24 |
| D. I. Khan | 080 03 | 080 04 | 080 04 | 080 06 | 080 04 | 245 04 |
| Drosh | No | Ascent | ... | | | |
| Fort Sandeman | ... | ... | ... | 070 01 | 280 13 | 340 15 |
| Gilgit | | | | 360 02 | 110 07 | 120 09 |
| Ishurdi | 315 03 | 335 08 | 295 09 | 295 15 | 300 27 | |
| Jacobabad | 235 15 | 265 02 | 255 03 | 250 03 | 260 09 | 290 10 |
| Jessore | No | Ascent | | | | |
| Jhelum | 350 22 | 335 19 | 240 08 | 215 06 | 220 04 | 245 12 |
| Jiwani | 010 10 | 340 10 | 350 09 | 005 06 | 340 04 | 275 11 |
| Karachi | ... | | | | | |
| Khanpur | 235 15 | 265 02 | 255 03 | 250 03 | 260 09 | 290 10 |
| Khuzdar | | | | 275 05 | 280 10 | 290 17 |
| Lahore | 015 10 | 010 12 | 005 09 | 095 06 | ... | |
| Multan | 360 21 | 360 17 | 320 02 | 150 01 | 270 05 | 220 13 |
| Nawab Shah | 145 09 | 280 14 | 255 13 | 200 04 | /// // | 180 04 |
| Nokkundi | ... | ... | 320 08 | 330 07 | 360 07 | 360 07 |
| Panjgur | ... | | | 020 09 | 355 12 | 350 17 |
| Peshawar | ... | 315 04 | 325 06 | 360 05 | 120 06 | 150 13 |
| Parachinar | No | Ascent | ... | ... | ... | ... |
| Quetta | | | | | | |
| Sargodha | 345 09 | 345 10 | 200 04 | 195 10 | 165 09 | 245 12 |
| Skardu | | | | 265 03 | 200 10 | |
| Sylhet | 200 05 | 235 06 | 235 08 | 250 09 | 270 19 | 280 31 |
| Veraval | ... | ... | ... | ... | | |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 300 09 | 275 08 | 260 07 | 270 07 | 330 15 | ... | ... | ... | ... | ... | ... |
| Bogra | 270 04 | 280 06 | 285 11 | 270 21 | 275 14 | ... | ... | ... | ... | ... | |
| Chaklala | ... | 295 10 | 245 06 | 235 12 | 140 12 | ... | ... | ... | ... | ... | ... |
| Chhor | 360 05 | 300 09 | 290 10 | 290 10 | 275 09 | 275 22 | 270 39 | 245 44 | 265 44 | ... | ... |
| Chittagong | 295 07 | 330 04 | 305 03 | 310 07 | 310 15 | 315 31 | 240 25 | 240 41 | 240 28 | 245 43 | 250 42 |
| Cox's Bazar | 010 18 | 010 18 | 010 10 | 020 11 | 050 13 | 355 32 | 335 34 | ... | ... | ... | ... |
| Dacca | 285 08 | 260 06 | 270 06 | 270 07 | 270 16 | 305 37 | 305 27 | 260 37 | 250 47 | 250 64 | 260 60 |
| Dalbandin | ... | ... | 090 03 | 065 08 | 070 09 | 335 12 | 340 21 | 325 27 | 310 31 | 300 35 | 290 35 |
| D. I. Khan | 325 12 | 335 22 | 340 21 | 340 18 | 015 09 | 235 04 | 205 08 | 210 05 | 255 09 | 240 12 | 260 15 |
| Fort Sandeman | ... | ... | ... | 305 11 | 275 17 | 290 12 | ... | ... | ... | ... | ... |
| Ishurdi | 285 05 | 270 05 | 270 06 | 280 12 | 285 19 | 285 32 | 300 39 | ... | ... | ... | ... |
| Jacobabad | 350 15 | 260 15 | 005 14 | 005 10 | 310 08 | 290 10 | 290 25 | 295 31 | 305 40 | 310 59 | 300 63 |
| Jessore | 285 08 | 275 07 | 275 08 | 290 14 | 285 18 | 300 27 | 280 28 | 255 24 | 255 46 | ... | ... |
| Jhelum | 315 11 | 060 10 | 085 09 | 110 11 | 165 16 | ... | ... | ... | ... | ... | ... |
| Jiwani | 045 10 | 040 08 | 045 07 | 345 07 | 285 12 | 315 15 | 310 28 | 295 29 | 310 28 | ... | ... |
| Karachi | // // | // // | 265 11 | 295 11 | 295 15 | 285 12 | 310 27 | 270 27 | 265 22 | | |
| Khanpur | 015 07 | 025 08 | 025 10 | 025 12 | 030 08 | 290 08 | 240 09 | 240 12 | 260 15 | 275 12 | 275 75 |
| Khuzdar | ... | | | 530 04 | 355 08 | 335 11 | 320 06 | 310 23 | 305 25 | 290 61 | 090 64 |
| Lahore | 060 11 | 070 19 | 080 14 | 195 06 | 195 13 | ... | ... | ... | ... | ... | ... |
| Multan | | | ... | | ... | | | | | ... | ... |
| Nawab Shah | 325 04 | 315 06 | 260 07 | 235 07 | 265 11 | 285 17 | 275 48 | 280 43 | 290 47 | ... | ... |
| Nokkundi | ... | ... | 220 01 | 270 01 | 230 06 | 330 15 | 305 26 | ... | ... | ... | ... |
| Panjgur | ... | | | 360 13 | 345 19 | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 050 02 | 325 09 | 295 09 | 300 04 | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | 145 03 | 165 01 | | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | /// // | 345 06 | 325 12 | | ... | ... | ... | ... |
| Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu | | | | | | | | ... | ... | ... | ... |
| Sylhet | 115 02 | 195 05 | 235 08 | 235 12 | 255 15 | 255 43 | 275 31 | ... | 250 37 | ... | ... |
| Veraval | ... | ... | ... | ... | ... | | ... | ... | | | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 300 09 | 300 14 | 300 12 | 300 09 | 295 08 | 275 26 | 265 29 | 265 36 | 265 41 | 275 42 | 280 61 | 271 24 | 276 26 | | — | — | — | — |
| Multan ... | 005 25 | 005 29 | 200 19 | 300 04 | 255 04 | 250 11 | 250 19 | 255 23 | 255 25 | 260 23 | 245 38 | 275 51 | 270 64 | 276 01 | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

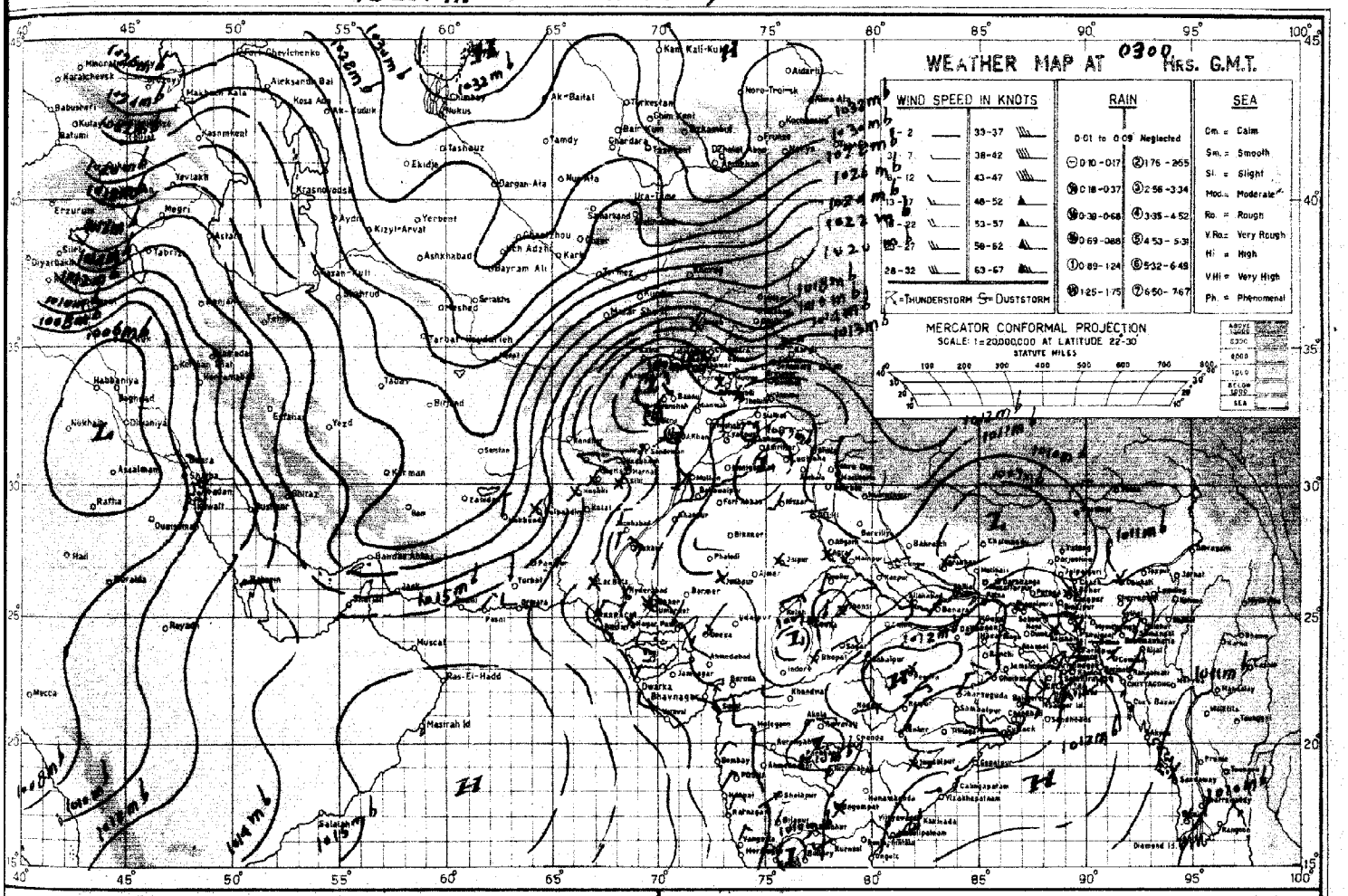
† The actual time of observations may vary within half an hour of the specified time.

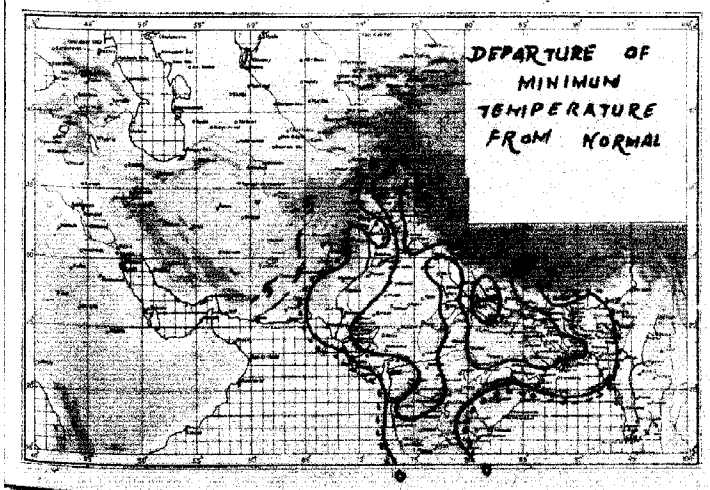
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

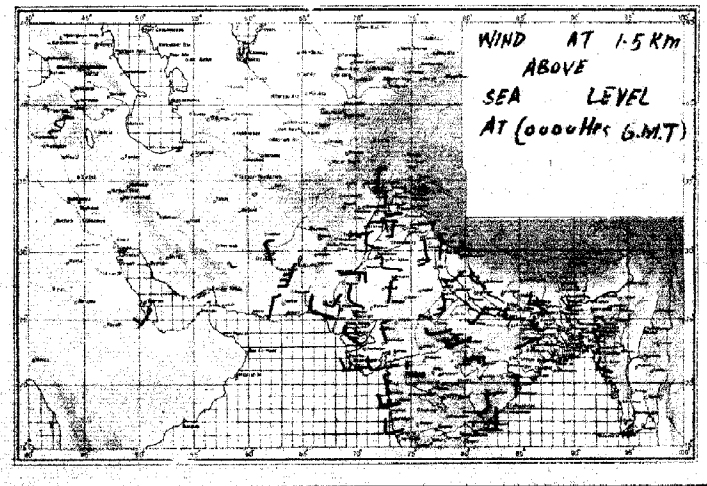
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

TUESDAY 10TH MARCH, 1970

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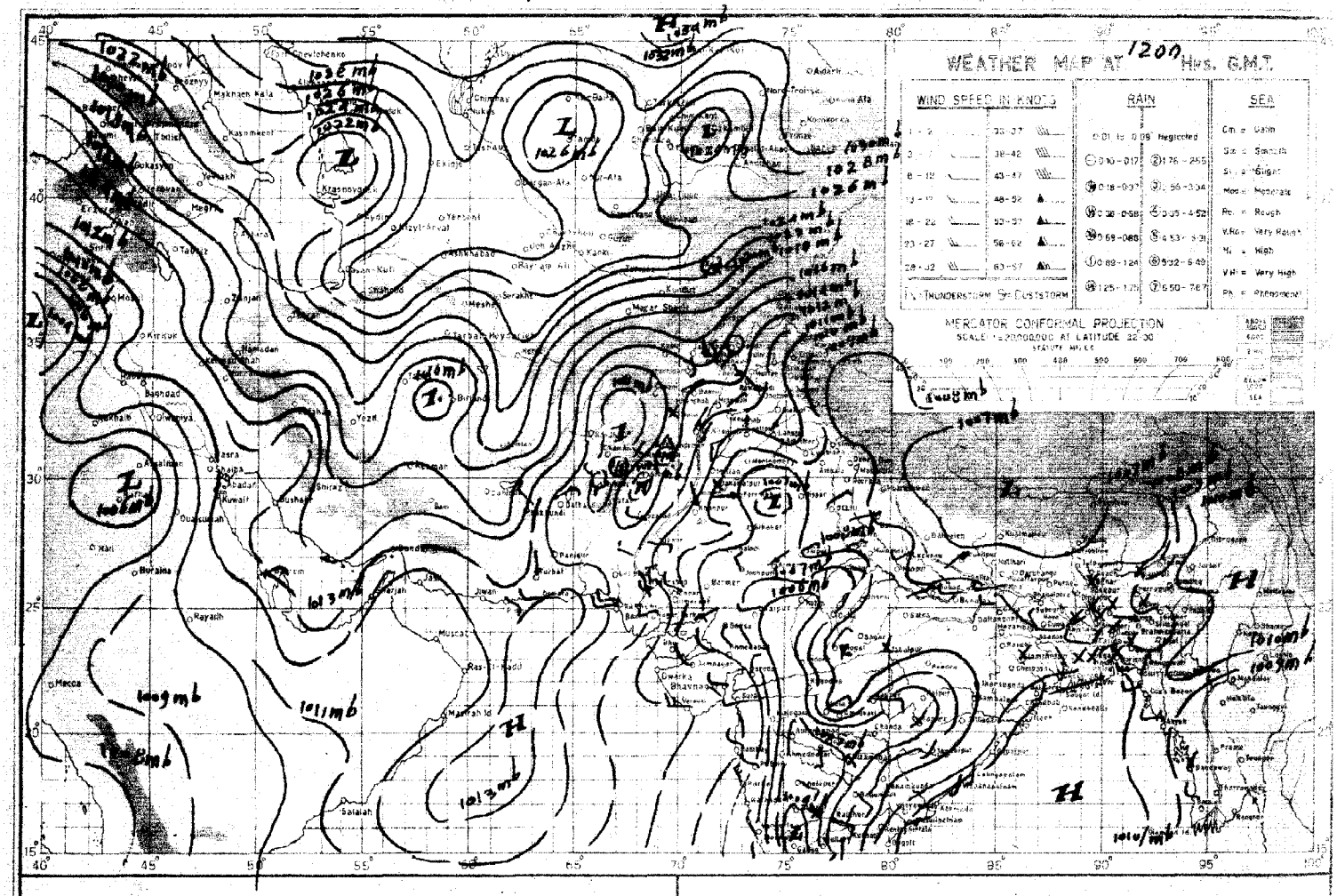
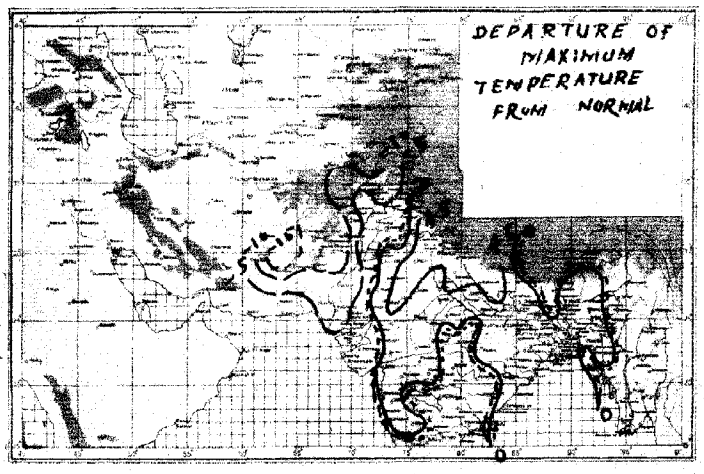
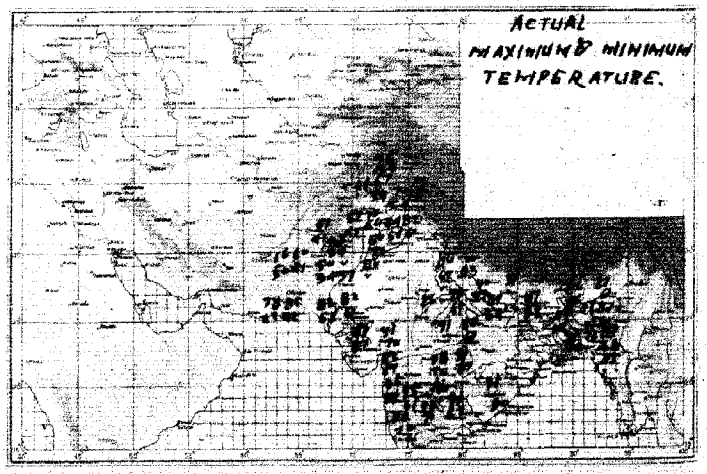
# PAKISTAN DAILY WEATHER MAP

MONDAY 9TH MARCH, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 11th MARCH, 1970.**

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

Yesterdays western disturbance over East Punjab moved away northeastwards.

The western disturbance over Peshawar division now lies over Kashmir and has induced a trough of low pressure over Rajasthan.

A trough of low pressure has moved to Peshawar division and adjoining areas.

Fairly widespread rain/thundershowers occurred in Malakand division, local in Peshawar division and scattered in Rawalpindi and Lahore divisions. A few thunderstorms were also reported from Sargodha division and light drizzle from a few places in D. I. Khan division.

Yesterday's trough of low pressure over Orissa now lies over west Bengal and adjoining East Pakistan. Under its influence scattered rain/thundershowers have occurred in Khulna division. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are Drosh and Haripur ¾" each, Kakul ½" and Khulna, Sialkot (upto 1200 Z) and Chakdara ¼" each.

Night temperatures were 9—10 °F (5—6 °C) above normal in Rajshahi division and 3—8 °F (2—4 °C) so in Chittagong, Dacca and Lahore divisions and were 3—6 °F (2—3 °C) below normal in Sargodha, Multan, Bahawalpur, Quetta, Kalat and Karachi divisions.

**Forecast valid until the evening of 12th March 1970 :—** Scattered rain/thundershowers are likely to occur in Peshawar, Malakand, Rawalpindi, Sargodha, Lahore, Khulna and Rajshahi divisions and Kashmir. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 11th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 23 | 03 | 96 | 00 | 0 | 084 | 86 | 0 | 0 | 9 | 0 | 0 | 62 | 94 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 09 | 95 | 02 | 0 | 078 | 87 | 0 | 0 | 9 | 0 | 0 | 70 | 85 |
| | Chittagong | 000 | 0 | 0 | 27 | 03 | 96 | 01 | 0 | 078 | 80 | 0 | 0 | 9 | 0 | 0 | 70 | 92 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 076 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 90 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 077 | 86 | 0 | 0 | 9 | 0 | 0 | 66 | 90 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 072 | 80 | 0 | 0 | 9 | 0 | 0 | 60 | 92 |
| | Sylhet | 000 | 0 | 1 | 27 | 05 | 96 | 02 | 0 | 066 | 80 | 0 | 0 | 9 | 3 | 0 | 58 | 90 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 070 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 94 |
| Dacca | Mymensingh | 000 | 0 | 2 | 08 | 00 | 96 | 02 | 0 | 068 | 85 | 2 | 5 | 6 | 0 | 0 | 62 | 93 |
| | Narayanganj | 000 | 0 | 8 | 00 | 00 | 93 | 02 | 2 | 070 | 88 | 8 | 6 | 6 | 3 | 1 | 59 | 93 |
| | Dacca (Tezgaon) | 000 | 0 | 4 | 36 | 05 | 97 | 03 | 0 | 072 | 91 | 4 | 0 | 9 | 4 | 1 | 52 | 94 |
| | Faridpur | 000 | 0 | 2 | 20 | 02 | 97 | 01 | 0 | 093 | 91 | 2 | 5 | 6 | 0 | 0 | 60 | 93 |
| Khulna | Barisal | 000 | 0 | 3 | 00 | 00 | 95 | 02 | 0 | 072 | 84 | 3 | 4 | 5 | 0 | 0 | 73 | 91 |
| | Khulna | 000 | 0 | 4 | 18 | 05 | 97 | 00 | 0 | 067 | 82 | 2 | 2 | 5 | 0 | 0 | 78 | 93 |
| | Satkhira | 005 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 015 | 86 | 6 | 4 | 8 | 0 | 0 | 74 | 93 |
| | Jessore | 008 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 068 | 72 | 7 | 0 | 9 | 7 | 0 | 76 | 91 |
| Rajshahi | Pabna | 000 | 0 | 3 | 27 | 03 | 98 | 03 | 0 | 068 | 90 | 3 | 0 | 9 | 5 | 0 | 58 | 94 |
| | Sirajganj | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 070 | 90 | 0 | 0 | 9 | 0 | 0 | 48 | 93 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bogra | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 1 | 072 | 85 | 4 | 0 | 9 | 4 | 0 | 52 | ... |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 2 | 081 | 70 | 6 | 0 | 9 | 2 | 0 | 59 | 88 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 6 | 05 | 10 | 96 | 17 | 1 | 046 | 72 | 5 | 9 | 6 | 3 | 0 | 52 | 78 |
| | Sialkot | 020 | 5 | 8 | 00 | 00 | // | 00 | 0 | 069 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 81 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rawalpindi | | | | | | | | | | | | | | | | | |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sargodha | 000 | 6 | 6 | 05 | 05 | 97 | 29 | 9 | 078 | 76 | 6 | 9 | 6 | 0 | 0 | 51 | 77 |
| | Lyallpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 2 | 36 | 05 | 97 | 02 | 0 | 082 | 77 | 2 | 1 | 6 | 0 | 0 | 42 | 80 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 081 | 78 | 5 | 1 | 6 | 0 | 0 | 51 | 82 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Fort Abbas | 000 | 0 | 0 | 27 | 05 | 98 | 00 | 0 | 096 | 80 | 0 | 0 | 9 | 0 | 0 | 78 | 80 |
| Malakand | Chakdra | 025 | 7 | 5 | 23 | 02 | 98 | 01 | 6 | 097 | 58 | 5 | 0 | 9 | 6 | 0 | 50 | 58 |
| Peshawar | Peshawar | 015 | 2 | 6 | 13 | 03 | 97 | 02 | 2 | 113 | 62 | 3 | 5 | 6 | 2 | 0 | 52 | 62 |
| | Haripur | 005 | 8 | 4 | 31 | 05 | 98 | 03 | 3 | 100 | 60 | 4 | 0 | 9 | 8 | 5 | 54 | 60 |
| D. I. Khan | Bannu | 000 | 0 | 3 | 07 | 02 | 99 | 01 | 5 | 090 | 70 | 3 | 2 | 7 | 8 | 0 | 48 | 72 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 084 | 74 | 0 | 0 | 9 | 0 | 0 | 55 | 76 |
| Quetta | Sibi | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 100 | 80 | 0 | 0 | 9 | 0 | 0 | 56 | 81 |
| | Nokkundi | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 137 | 69 | 0 | 0 | 9 | 0 | 0 | 42 | 69 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 00 | 98 | 00 | 0 | 146 | 80 | 0 | 0 | 9 | 0 | 0 | 44 | 84 |
| | Jiwani | 000 | 0 | 0 | 25 | 07 | 96 | 02 | 0 | 177 | 77 | 0 | 0 | 9 | 0 | 0 | 50 | 78 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 122 | 84 | 0 | 0 | 9 | 0 | 0 | 52 | 85 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | |
| | Lasbela | 000 | 0 | 2 | 23 | 02 | 98 | 00 | 0 | 092 | 86 | 0 | 0 | 9 | 0 | 0 | 60 | 86 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 112 | 77 | 0 | 0 | 9 | 0 | 0 | 61 | 81 |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 09 | 96 | 03 | 0 | 096 | 80 | 0 | 0 | 9 | 0 | 0 | 36 | 83 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 0 | 9 | 0 | 0 | 87 | 94 |
| | Chhor | 000 | 0 | 1 | 31 | 03 | 96 | 01 | 0 | 092 | 80 | 1 | 1 | 6 | 0 | 0 | 54 | 84 |
| | Hyderabad | 000 | 0 | 0 | 31 | 03 | 97 | 01 | 0 | 095 | 83 | 0 | 0 | 9 | 0 | 0 | 45 | 85 |
| | Badin | 000 | 0 | 4 | 27 | 05 | 97 | 03 | 0 | 101 | 86 | 7 | 0 | 9 | 0 | 4 | 48 | 87 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 076 | 79 | 0 | 0 | 9 | 0 | 0 | 45 | 81 |
| | Nawabshah | 000 | 0 | 0 | 31 | 07 | 96 | 02 | 0 | 108 | 81 | 0 | 0 | 9 | 0 | 0 | 51 | // |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 091 | 80 | 0 | 0 | 9 | 0 | 0 | 54 | 81 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 8 | 27 | 09 | 97 | 01 | 0 | 093 | 81 | 3 | 0 | 6 | 0 | 0 | 61 | 82 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Misgar | | | | | | | | | | | | | | | | | |
| | Allabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | 041 | 6 | 7 | 00 | 00 | 95 | 50 | 6 | 475 | 45 | 7 | 7 | 5 | 0 | 1 | 41 | 45 |
| Peshawar | Cherat | 013 | 9 | 6 | 36 | 07 | 98 | 01 | 6 | /// | // | 0 | 0 | 9 | 6 | 0 | 30 | 48 |
| | Kakul | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... |
| | Landikotal | 006 | 0 | 6 | 36 | 02 | 98 | 03 | 2 | 628 | 59 | 4 | 7 | 9 | 6 | 0 | 51 | 58 |
| | Parachinar | 000 | 0 | 6 | 13 | 03 | 97 | 02 | 3 | 439 | 51 | 4 | 5 | 5 | 0 | 0 | 40 | 54 |
| D. I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 461 | 65 | 0 | 0 | 9 | 0 | 0 | 44 | 66 |
| | Wana | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman | 000 | 0 | 0 | 31 | 03 | 97 | 01 | 0 | 463 | 51 | 3 | 4 | 7 | 0 | 0 | 31 | 41 |
| | Hindubagh | 000 | 0 | 6 | 23 | 19 | 97 | 03 | 0 | /// | 38 | 6 | 2 | 5 | 0 | 0 | 12 | 39 |
| | Loralai | 000 | 0 | 4 | 18 | 02 | 97 | 01 | 0 | 470 | 55 | 0 | 1 | 9 | 0 | 4 | 45 | 59 |
| | Barkhan | | | | | | | | | | | | | | | | | |
| | Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 447 | 63 | 0 | 0 | 9 | 0 | 0 | 43 | 68 |
| | Samungli (Quetta) | 000 | 0 | 6 | 36 | 09 | 96 | 03 | 2 | 501 | 47 | 6 | 2 | 6 | 0 | 0 | 37 | 52 |
| | Chaman | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 545 | 57 | 0 | 0 | 9 | 0 | 0 | 55 | 57 |
| | Nushki | 000 | 0 | 2 | 31 | 03 | 97 | 02 | 0 | 557 | 60 | 0 | 0 | 9 | 0 | 2 | 40 | 59 |
| | Dalbandin | 000 | 0 | 2 | 05 | 04 | 97 | 03 | 0 | 508 | 62 | 0 | 0 | 9 | 3 | 0 | 41 | 63 |
| Kalat | Kalat | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 494 | 44 | 0 | 0 | 9 | 0 | 0 | 43 | // |
| | Khuzdar | 000 | 0 | 0 | 31 | 05 | 97 | 01 | 0 | 473 | 61 | 0 | 0 | 9 | 0 | 0 | 36 | 64 |
| | Panjgur | 000 | 0 | 0 | 36 | 07 | 96 | 01 | 0 | 494 | 63 | 0 | 0 | 9 | 0 | 0 | 41 | 64 |

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † We (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 5 | 0 | 86 | 02 | 97 | 03 | 0 | 122 | // | 1 | 1 | 7 | 3 | 1 | 73 | 73 | — | — | — | — | — | |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | | | | | 140 |
| | Chittagong | 000 | 0 | 7 | 00 | 00 | 96 | 07 | 0 | 113 | 81 | 1 | 0 | 9 | 1 | 0 | 73 | 69 | + 6 | + 3 | 1.5 | — 3 8 | 0.6 | 108 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 5 | | | | | 115 |
| | Comilla | 000 | 0 | 5 | 00 | 00 | 99 | 03 | 0 | 113 | 75 | 0 | 0 | 9 | 0 | 0 | 75 | 61 | + 3 | + 3 | — | — | — | 94 |
| | Brahmanbaria | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | /// | 76 | / | / | / | / | / | 60 | 68 | — | — | 2.5 | — 0.9 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 7 | 05 | 05 | 96 | 02 | 2 | 102 | 73 | 0 | 0 | 9 | 2 | 1 | 60 | 64 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | 107 | 77 | 2 | 5 | 5 | 7 | 2 | 73 | 60 | + 7 | 0 | — | — | — | 98 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | + 8 | | | | | 91 |
| | Narayanganj | 000 | 0 | 8 | 02 | 02 | 97 | 02 | 2 | 106 | 75 | 8 | 6 | / | / | / | 69 | 73 | + 6 | + 6 | 2.9 | — 0.3 | 1.5 | 74 |
| | Dacca (Tezgaon) | 000 | 3 | 7 | 00 | 00 | 95 | 05 | 4 | 104 | 71 | 2 | 5 | 5 | 7 | 0 | 45 | 69 | — | — | — | — | — | — |
| | Faridpur | 000 | 0 | 8 | 20 | 02 | 97 | 02 | 2 | 106 | 75 | 6 | 4 | 5 | 1 | 0 | 65 | // | + 6 | — | 3.6 | + 0.1 | 2 0 | 71 |
| Khulna | Barisal | 003 | 9 | / | // | // | 96 | 02 | 9 | /// | // | / | / | / | / | / | // | // | + 4 | — | 2.2 | — 1.5 | 1.3 | 8 |
| | Khulna | 025 | 9 | 5 | 27 | 05 | 97 | 02 | 0 | 116 | 73 | 2 | 3 | 5 | 0 | 0 | 65 | // | + 4 | — | 4.8 | + 1.6 | 3.4 | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | 68 |
| | Jessore | 000 | 0 | 7 | 03 | 08 | 92 | 21 | 2 | /// | // | 3 | 6 | 3 | 7 | 0 | 64 | 69 | — | — | 4.7 | + 1.4 | 3.6 | 65 |
| Rajshahi | Pabna | 000 | 8 | 8 | 23 | 05 | 97 | 01 | 1 | 112 | 77 | 9 | 0 | 9 | 9 | 0 | 62 | 73 | — | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 108 | 75 | 8 | 0 | 8 | 1 | 0 | 60 | 68 | + 7 | + 5 | 2.2 | + 0.1 | 1.9 | 64 |
| | Rajshahi | 000 | 0 | 8 | 27 | 02 | 96 | 02 | 2 | 115 | 79 | 4 | 4 | 5 | 2 | 1 | 64 | 73 | | + 10 | 2.5 | + 0.2 | 1.6 | — |
| | Bogra | 000 | 0 | 7 | 23 | 02 | 96 | 02 | 1 | 103 | 75 | 3 | 5 | 5 | 7 | 0 | 60 | 69 | / | + 7 | — | — | — | 69 |
| | Dinajpur | 000 | 3 | 7 | 27 | 02 | 96 | 01 | 1 | 116 | 77 | 7 | 0 | 9 | 2 | 1 | 62 | 65 | | + 6 | — | — | — | 71 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | | | | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 003 | 9 | 1 | 13 | 02 | 96 | 02 | 9 | 122 | 62 | 1 | 0 | 9 | 3 | 0 | 51 | 56 | — 2 | + 4 | 1.0 | — 1.1 | 1.0 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 101 | 59 | 0 | 0 | 9 | 0 | 0 | 51 | // | / | — | — | — | — | 32 |
| Rawalpindi | Jhelum | 017 | 8 | 1 | 00 | 00 | 98 | 01 | 9 | 125 | 58 | 1 | 0 | 9 | 3 | 0 | 51 | 51 | | — | — | — | — | — |
| | Islamabad | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | /// | 58 | 3 | 5 | 7 | 3 | 0 | 47 | 49 | | — | 5.8 | — | 5.8 | — |
| | Rawalpindi | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 2 | 149 | 56 | 0 | 0 | 9 | 0 | 3 | 50 | 51 | — | — 4 | 1.5 | — 1.0 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 5 | 00 | 00 | 96 | 04 | 1 | 124 | 54 | 0 | 0 | 9 | 0 | 1 | 51 | 49 | | — | 1.5 | — | 1.3 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 116 | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 51 | | — 2 | — | — | — | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 118 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 50 | 0 | — 6 | 0 7 | — 0.6 | 0.7 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 113 | 58 | 0 | 0 | 9 | 0 | 0 | 51 | 51 | — 3 | — 3 | 1.9 | + 1.0 | 1.6 | 4 |
| | Bahawalpur | 000 | 0 | 0 | 09 | 00 | 96 | 08 | 0 | 156 | // | 0 | 0 | 9 | 0 | 0 | 53 | 54 | | — 1 | — | — | — | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Malakand | Chakdra | 025 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 127 | 47 | 2 | 0 | 9 | 6 | 8 | 45 | 45 | — | — | — | — | — | — |
| Peshawar | Peshawar | 015 | 8 | 7 | 09 | 00 | 97 | 03 | 1 | 140 | 51 | 1 | 0 | 9 | 3 | 7 | 51 | 49 | — 11 | — 2 | 2.9 | — 1.7 | 2.3 | 11 |
| | Haripur | 075 | 9 | 6 | 03 | 12 | 97 | 03 | 6 | 136 | 58 | 6 | 8 | 9 | 8 | 3 | 50 | 49 | — | — | 6.4 | — | 5.4 | — |
| D. I. Khan | Bannu | 000 | 0 | 5 | 27 | 02 | 98 | 02 | 1 | 127 | 51 | 8 | 0 | 9 | 4 | 0 | 47 | 50 | — | — | — | — | — | 11 |
| | D. I. Khan | 000 | 0 | 0 | 02 | 04 | 98 | 02 | 0 | 128 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 58 | — 4 | + 4 | 7.5 | — 5.6 | 7.5 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 125 | 58 | 0 | 0 | 9 | 0 | 0 | 48 | 56 | — | — | 0.5 | — | 0.5 | 8 |
| | Nokkundi | 000 | 0 | 5 | 36 | 03 | 96 | 01 | 0 | 170 | 54 | 6 | 6 | 9 | 0 | 0 | 46 | 44 | — | — | 1.9 | — | 1.9 | 3 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Jiwani | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 126 | 64 | 0 | 0 | 9 | 0 | 0 | 57 | 60 | — | — | 8.3 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 0 | 29 | 08 | 97 | 02 | 0 | 118 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 44 | + 3 | — | 1.5 | — 2.0 | 2.5 | 6 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Lasbela | 000 | 0 | 0 | 06 | 00 | 98 | 00 | 0 | 120 | 60 | 0 | 0 | 8 | 0 | 0 | 51 | 56 | — | — | — | — | — | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 114 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | 0 | — 3 | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 115 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 60 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 01 | 0 | 133 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 70 | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 115 | 63 | 0 | 0 | 9 | 0 | 0 | 52 | 36 | — | — | — | — | — | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 120 | 66 | 0 | 0 | 9 | 0 | 0 | 55 | 61 | + 4 | — 2 | 1.2 | + 0.5 | 1.2 | 9 |
| | Badin | 000 | 0 | 0 | 27 | 01 | 97 | 02 | 0 | 126 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 60 | — 3 | — 2 | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 02 | 02 | 96 | 02 | 0 | 119 | 59 | 0 | 0 | 9 | 0 | 0 | 53 | 52 | — | — | 0.7 | — | 0.7 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 121 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | // | / | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 2 | 0 | 23 | 02 | 95 | 05 | 4 | 122 | 60 | 0 | 0 | 9 | 0 | 0 | 48 | 56 | — | — | 0.9 | — | 0 9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 1 | 27 | 02 | 96 | 03 | 0 | 120 | 62 | 1 | 0 | 9 | 3 | 0 | 49 | 58 | — 4 | — 1 | 2.2 | + 1.2 | 2 1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Allabad | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 10 | | | | | 29 |
| Peshawar | Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 10 | | | | | — |
| | Kakul | 051 | 0 | 5 | 23 | 03 | 98 | 01 | 2 | 494 | 45 | 4 | 2 | 6 | 3 | 0 | 45 | 45 | | — | — | — | — | — |
| | Landikotal | 000 | 0 | 8 | 36 | 02 | 98 | 03 | 8 | 612 | // | 8 | 7 | 6 | / | / | // | // | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | | | | 18 |
| D. I. Khan | Miranshah | 000 | 0 | 4 | 05 | 02 | 96 | 02 | 0 | 467 | 49 | 4 | 0 | 9 | 0 | 0 | 40 | 43 | — | — | 0.1 | — 4.6 | 0 1 | 11 |
| | Wana | 000 | 0 | 8 | 00 | 00 | 99 | 00 | 0 | 483 | 45 | 8 | 2 | 8 | 0 | 0 | 43 | 40 | | — | — | — | — | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 6 | 18 | 09 | 97 | 03 | 0 | 462 | 46 | 0 | 0 | 7 | 0 | 1 | 34 | 42 | — 8 | — 1 | 1.5 | — 1.5 | 1 5 | — |
| | Hindubagh | 000 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | /// | 32 | 0 | 0 | 9 | 0 | 0 | 23 | 21 | — | — | 1.4 | — | 1.2 | 9 |
| | Loralai | 000 | 0 | 0 | 27 | 04 | 97 | 00 | 0 | 465 | 48 | 0 | 0 | 9 | 0 | 0 | 45 | 49 | — | — | 1.8 | — | 1.7 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 455 | 51 | 0 | 0 | 9 | 0 | 0 | 35 | 46 | — | — | 1.9 | — 1.8 | 1.9 | 9 |
| | Samungli (Quetta) | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 495 | 34 | 0 | 0 | 9 | 0 | 4 | 32 | 31 | — | — | 2.8 | — 3.1 | 2 1 | 9 |
| | Chaman | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 513 | 47 | 0 | 0 | 9 | 0 | 0 | // | 41 | — 8 | — 4 | 7.7 | + 2.1 | 7.7 | — |
| | Nushki | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 529 | 49 | 0 | 0 | 9 | 0 | 0 | 26 | 48 | — | — | 3.5 | — | 3.3 | 4 |
| | Dalbandin | 000 | 0 | 6 | 08 | 00 | 99 | 03 | 0 | 480 | 45 | 6 | 0 | 9 | 4 | 0 | 43 | 42 | — 13 | — 3 | 2.8 | + 0.1 | 2.8 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 504 | 34 | 0 | 0 | 9 | 0 | 0 | 29 | 30 | — | — 6 | 3.0 | — 1.1 | 3 0 | — |
| | Khuzdar | 000 | 0 | 2 | 00 | 08 | 96 | 03 | 0 | 472 | 46 | 0 | 0 | 9 | 0 | 1 | 37 | 42 | — | — | 2.7 | — | 2.4 | 5 |
| | Panjgur | 000 | 0 | 2 | 05 | 02 | 96 | 03 | 0 | 481 | 47 | 0 | 0 | 9 | 0 | 1 | 41 | 44 | — 13 | + 4 | — | — | — | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 11th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_M$ | $D_sV_sa$ PP | $7RRt_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 005 222 08 | ... | 450 164 50 | 096 032 56 | 577 085 56 | 746 203 54 | 953 347 58 | 226 525 // | 406 667 // | 643 187 // | ... | ... | ... |
| Dacca ... | 00 00 | 007 244 49 | | 405 140 56 | 074 104 46 | 571 143 23 | 738 239 42 | 942 429 41 | 212 532 // | ... | | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 008 190 56 | ... | 400 080 18 | 024 015 57 | 563 155 // | 729 245 // | 932 371 // | 207 471 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 997 130 30 | ... | 400 110 35 | 041 017 // | 562 211 // | 724 295 // | 928 321 // | ... | | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 970 094 08 | ... | 400 064 06 | 076 011 39 | 564 161 // | 728 288 // | 929 421 // | 194 553 // | 397 563 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | 818 022 22 | ... | ... | 033 041 // | 563 167 // | 727 255 // | 930 365 // | 206 441 // | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 200 56 | 800 124 41 | 600 013 56 | 350 285 35 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 180 56 | 800 100 30 | 600 053 57 | 350 293 41 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 265 04 | 290 04 | 300 04 | 330 09 | 325 19 | 305 17 | 260 40 | 250 34 | 245 33 |
| Bogra | 300 08 | 290 11 | 300 13 | ... | | ... | — | — | ... |
| Chaklala | . | 275 10 | 090 06 | 120 00 | 160 12 | ... | ... | ... | ... |
| Chhor | 200 10 | 290 13 | 290 12 | 285 14 | 280 16 | 280 20 | 295 24 | 275 33 | 280 39 |
| Chittagong | 270 12 | 300 15 | 315 15 | 335 12 | 340 14 | 325 27 | 290 19 | 265 26 | 260 27 |
| Cherat | ... | ... | ... | — | | ... | ... | - | — |
| Cox's Bazar | 315 19 | 315 19 | 315 19 | 335 11 | 340 12 | 315 23 | | | ... |
| Dacca | 320 17 | 320 17 | 320 14 | 300 12 | 285 11 | 285 19 | 265 23 | 270 40 | |
| Dalbandin | ... | ... | 125 04 | 040 09 | 035 05 | 050 12 | 020 18 | 005 23 | 360 31 |
| D. I. Khan | 055 04 | 015 05 | 015 06 | 010 15 | 270 12 | 305 13 | 275 10 | 290 10 | 290 13 |
| Drosh | ... | No | Ascent | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 275 08 | 275 12 | 315 15 | 300 22 | 320 03 | 330 41 |
| Gilgit | ... | ... | ... | ... | | ... | | | |
| Ishurdi | 320 17 | /// // | /// // | 295 16 | 285 14 | 270 25 | 275 17 | /// // | 265 29 |
| Jacobabad | 290 13 | 295 12 | 295 12 | 315 12 | 310 17 | 320 17 | 420 24 | 335 30 | 340 28 |
| Jessore | 295 07 | 300 08 | 320 11 | 335 12 | 340 13 | 285 21 | 265 36 | ... | ... |
| Jhelum | ... | ... | ... | | ... | ... | | ... | ... |
| Jiwani | 225 02 | 280 04 | 315 07 | 335 05 | 330 14 | 320 19 | 280 26 | 280 29 | 305 34 |
| Karachi | 230 17 | 290 17 | 295 16 | 325 19 | 335 17 | 310 14 | 295 15 | 315 25 | 310 31 |
| Khanpur | 285 04 | 305 04 | 305 07 | 315 04 | 045 02 | 180 04 | 245 13 | 245 13 | 245 12 |
| Khuzdar | ... | ... | | . | ... | ... | ... | - | ... |
| Lahore | 095 19 | 180 25 | 110 03 | 105 27 | 115 17 | ... | ... | ... | ... |
| Multan | ... | ... | ... | | ... | ... | ... | ... | .. |
| Nawab Shah | 315 06 | 315 05 | 300 05 | 305 07 | 310 12 | 305 17 | 295 29 | 285 30 | 280 40 |
| Nokkundi | ... | ... | 205 07 | 140 03 | 180 04 | 320 13 | 295 16 | 300 21 | 295 27 |
| Panjgur | ... | ... | | 350 12 | 350 10 | 340 16 | 325 22 | 320 25 | 315 29 |
| Peshawar | ... | ... | 075 05 | 080 04 | 315 09 | 275 09 | | .. | ... |
| Parachinar | ... | ... | .. | 055 03 | 200 03 | ... | 060 13 | ... | ... |
| Quetta | - | - | | /// // | 315 20 | 325 20 | .. | ... | . |
| Sargodha | 050 05 | 055 07 | 045 07 | 010 07 | 005 05 | 235 12 | ... | ... | ... |
| Skardu | ... | ... | ... | ... | . | | .. | ... | . |
| Sylhet | 270 12 | 270 15 | 280 13 | 285 18 | 300 11 | 295 27 | ... | ... | ... |
| Veraval | ... | ... | | ... | ... | . | | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 290 17 | 300 09 | 285 15 | 250 11 | 240 12 | ... |
| Bogra | 262 25 | 265 08 | 280 11 | 260 13 | 260 11 | ... |
| Chaklala | ... | 070 06 | 060 04 | 320 03 | /// // | 280 07 |
| Chhor | 325 03 | 325 06 | 325 04 | 345 14 | 320 10 | 310 17 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | | ... | ... | .. |
| Cox's Bazar | 360 11 | 330 16 | 320 17 | 280 08 | 285 10 | ... |
| Dacca | ... | ... | | | | ... |
| Dalbandin | | ... | 055 04 | 065 09 | 315 07 | 290 09 |
| D. I. Khan | 135 19 | 030 12 | 020 08 | 330 09 | 295 12 | 305 25 |
| Drosh | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 140 15 | 260 09 | 310 08 |
| Gilgit | ... | ... | ... | 265 01 | 280 01 | 140 02 |
| Ishurdi | 210 13 | 305 15 | 210 15 | 215 17 | 250 23 | 240 29 |
| Jacobabad | 310 12 | 325 10 | 325 06 | 360 02 | 360 02 | 340 09 |
| Jessore | ... | ... | | — | ... | .. |
| Jhelum | 320 08 | 120 04 | 105 08 | 360 02 | 330 08 | 355 10 |
| Jiwani | 300 13 | 315 10 | 335 07 | 345 04 | 260 04 | 290 17 |
| Karachi | ... | ... | ... | - | — | ... |
| Khanpur | ... | . | .. | ... | | |
| Khuzdar | ... | ... | ... | ... | ... | ... |
| Lahore | 040 08 | 040 08 | 075 10 | 130 15 | 165 04 | 240 08 |
| Multan | 010 08 | 350 05 | 335 06 | 320 05 | 320 05 | 320 15 |
| Nawab Shah | 290 03 | 010 02 | 110 22 | 245 07 | 210 05 | 240 12 |
| Nokkundi | ... | .. | 090 03 | 195 01 | 180 03 | 230 06 |
| Panjgur | .. | .. | .. | 040 14 | 340 12 | 270 12 |
| Peshawar | ... | 180 05 | 350 09 | 310 08 | 310 14 | 305 23 |
| Parachinar | ... | ... | ... | 230 03 | 080 03 | ... |
| Quetta | . | ... | | .. | | |
| Sargodha | 055 04 | 050 06 | 055 07 | 040 07 | 275 04 | 276 13 |
| Skardu | ... | ... | ... | 320 03 | /// // | |
| Sylhet | 185 06 | 265 06 | 270 17 | 265 16 | 250 22 | 265 27 |
| Veraval | | ... | | — | | |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 270 19 | 270 19 | 260 19 | 285 20 | 275 17 | ... | ... | ... | ... | ... | ... |
| Bogra | 285 10 | 285 10 | 285 11 | ... | ... | | | | | .. | . |
| Chaklala | ... | 285 03 | 255 01 | 190 05 | 180 04 | 245 05 | 305 07 | 325 08 | 305 11 | | ... |
| Chhor | 060 02 | 120 03 | 045 03 | 335 04 | 265 07 | 280 21 | 285 22 | 275 35 | 270 38 | 275 53 | ... |
| Chittagong | 270 12 | 280 11 | 275 09 | 265 12 | 250 16 | 265 12 | 225 27 | 245 45 | ... | ... | ... |
| Cherat | | | | ... | | | | | | ... | ... |
| Cox's Bazar | 315 14 | 305 15 | 305 17 | 310 24 | 310 21 | 290 28 | ... | ... | ... | ... | ... |
| Dacca | 280 07 | 285 12 | 285 19 | 230 27 | | | ... | ... | .. | .. | ... |
| Dalbandin | ... | ... | 065 06 | 090 10 | 105 09 | /// // | 115 08 | | - | ... | ... |
| D. I. Khan | 320 05 | 010 01 | 025 02 | 270 05 | 215 06 | 295 08 | 285 20 | 270 27 | 275 35 | .. | — |
| Drosh | ... | ... | ... | ... | ... | | ... | | | ... | |
| Fort Sandeman | ... | ... | ... | 240 10 | 230 12 | 235 19 | 295 09 | 305 13 | 290 22 | 270 41 | 300 52 |
| Gilgit | | | | | | .. | ... | ... | | ... | ... |
| Ishurdi | 245 19 | 265 20 | 270 28 | 275 28 | 245 25 | | | | | | . |
| Jacobabad | 300 04 | 265 10 | 245 10 | 260 05 | 200 05 | 165 01 | 280 11 | 280 33 | 270 40 | 275 55 | .. |
| Jessore | 250 13 | 250 13 | 255 22 | 255 28 | 240 15 | 260 18 | ... | ... | ... | ... | ... |
| Jhelum | 230 02 | 330 04 | 345 03 | 045 03 | 030 02 | 245 06 | 290 19 | 285 25 | 275 30 | 280 51 | ... |
| Jiwani | 270 04 | 290 07 | 280 07 | 280 06 | 315 13 | 310 25 | 280 16 | 255 25 | 255 26 | 265 48 | 270 66 |
| Karachi | 190 04 | 215 05 | 230 04 | 280 08 | 270 07 | 260 11 | 255 28 | 270 23 | 280 25 | | |
| Khanpur | 075 06 | 055 08 | 055 09 | 045 06 | 075 02 | 135 03 | 230 14 | 300 10 | 340 13 | 270 29 | 275 40 |
| Khuzdar | ... | | | 075 02 | 215 03 | 255 12 | | | | | |
| Lahore | ... | — | — | ... | ... | ... | .. | ... | .. | ... | |
| Multan | 170 08 | 220 17 | 015 18 | 002 09 | 295 10 | 280 17 | 230 18 | 190 23 | 295 38 | 280 77 | 280 |
| Nawab Shah | 095 04 | 125 05 | 155 06 | 225 09 | 260 09 | 270 19 | 315 25 | 330 21 | ... | ... | ... |
| Nokkundi | ... | ... | 100 12 | 130 15 | 135 23 | 235 16 | 270 27 | ... | | .. | ... |
| Panjgur | .. | | | 360 06 | 310 11 | 275 07 | 275 22 | 280 17 | 280 23 | - | ... |
| Peshawar | ... | 290 01 | 330 02 | 325 04 | 305 08 | 280 18 | 280 19 | 275 23 | | .. | . |
| Parachinar | ... | ... | - | 130 91 | 115 11 | | ... | | ... | ... | ... |
| Quetta | ... | ... | ... | /// // | 305 04 | 270 12 | 255 23 | ... | ... | ... | .. |
| Sargodha | 010 03 | 015 04 | 035 04 | 345 04 | 305 02 | 290 15 | 295 12 | 310 15 | 320 15 | ... | ... |
| Skardu | | | | 160 13 | /// // | | ... | — | — | — | ... |
| Sylhet | 070 02 | 210 06 | 275 09 | 255 17 | 260 26 | 240 31 | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 255 07 | 260 08 | 255 08 | 255 08 | 280 08 | 295 15 | 295 27 | 285 32 | 245 35 | 285 53 | 295 63 | 281 16 | ... | .. | ... | ... | ... | — |
| Multan ... | 010 08 | 350 05 | 335 06 | 321 05 | 325 05 | 320 15 | 280 33 | 325 40 | 315 41 | 315 41 | 310 07 | 316 13 | 311 04 | — | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

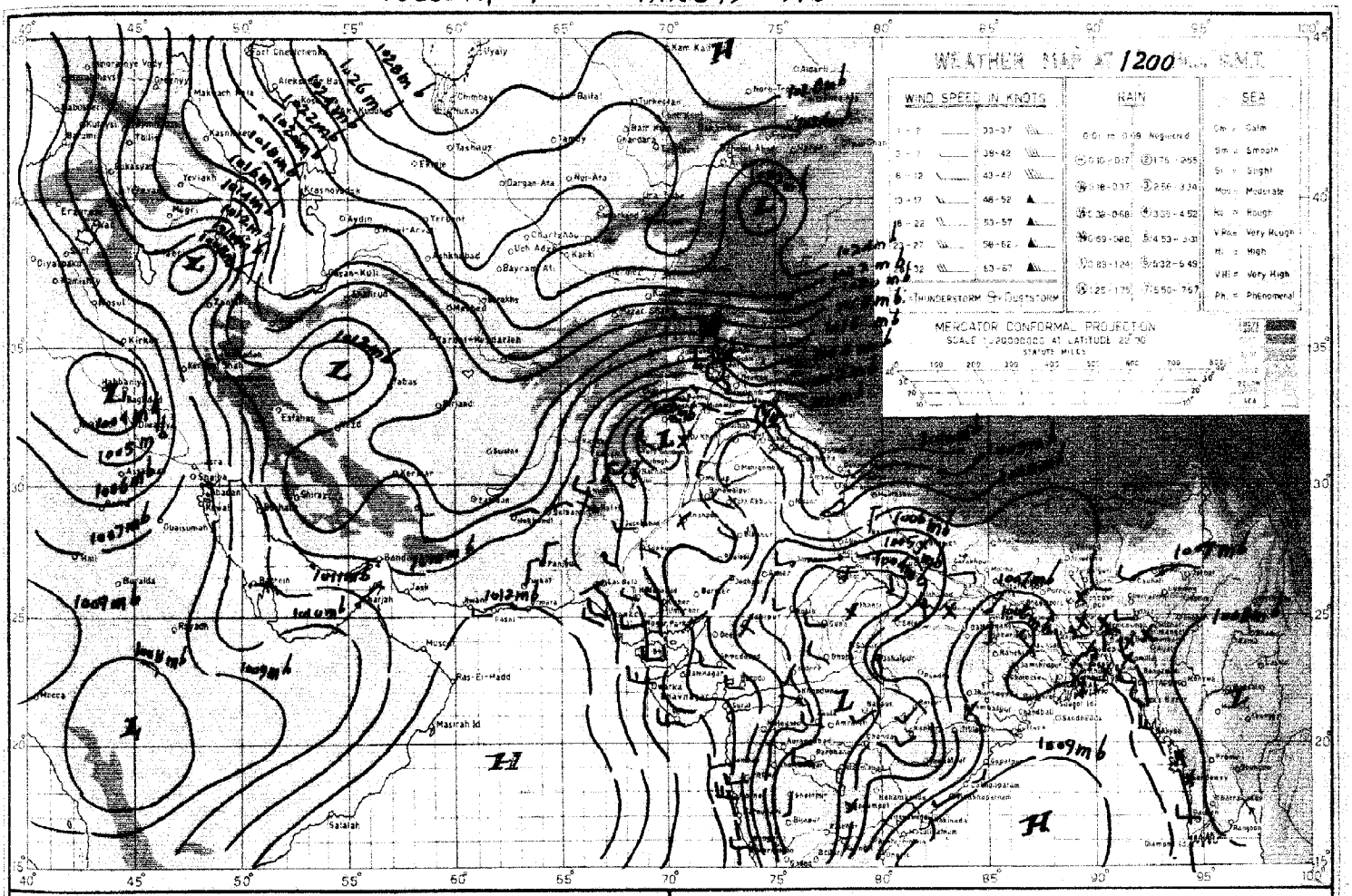
† The actual time of observations may vary within half an hour of the specified time.

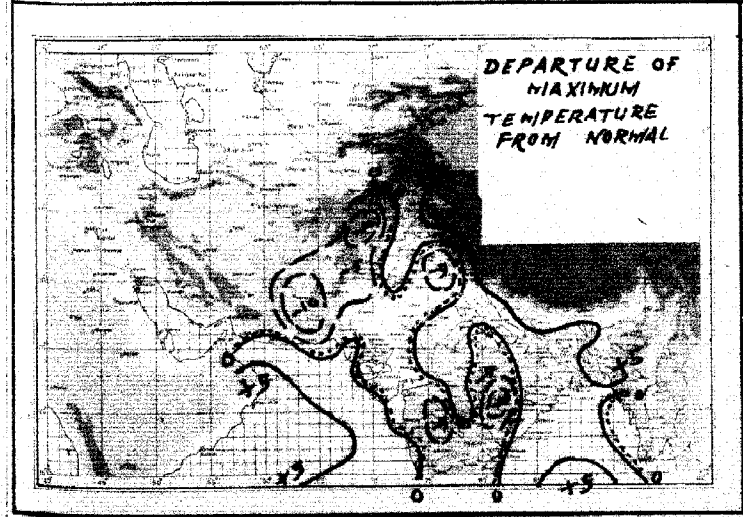
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

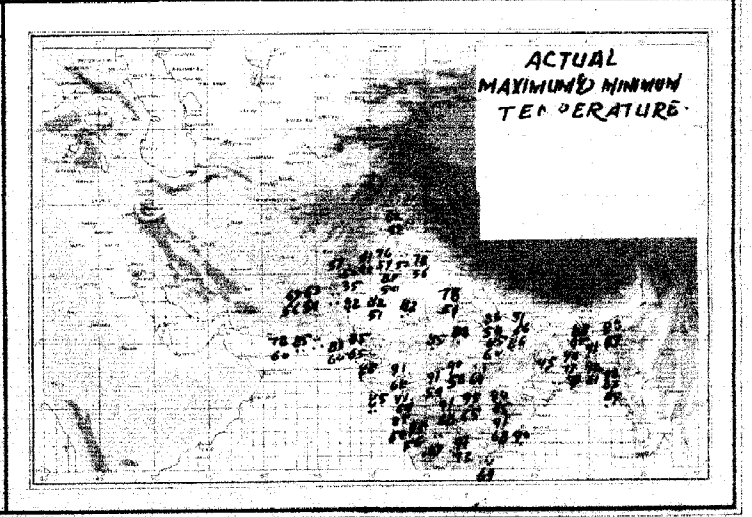
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

TUESDAY 10TH MARCH, 1970

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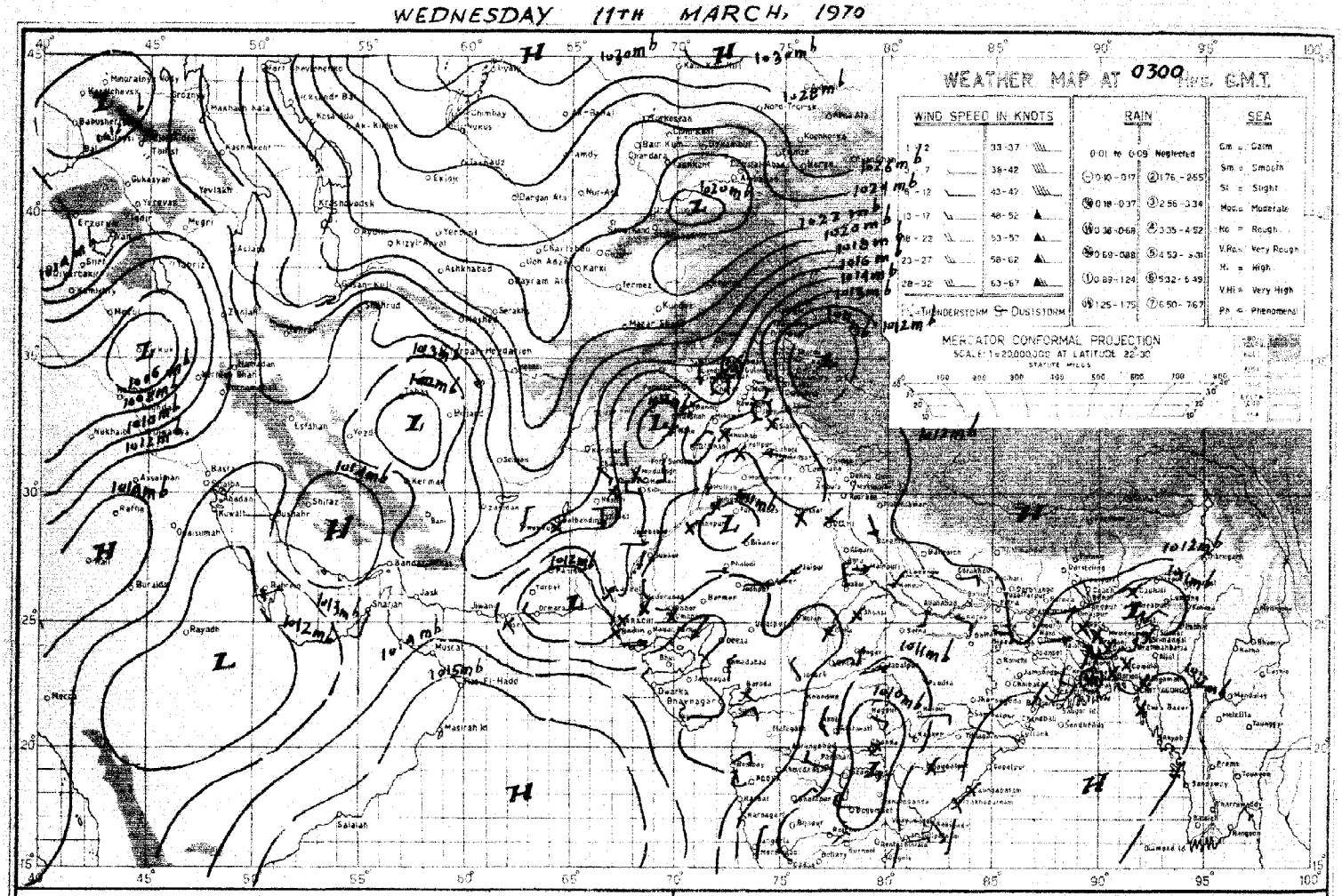
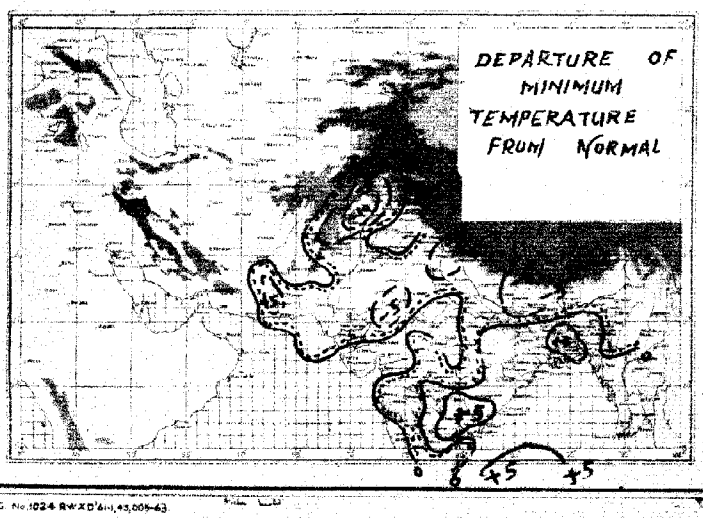
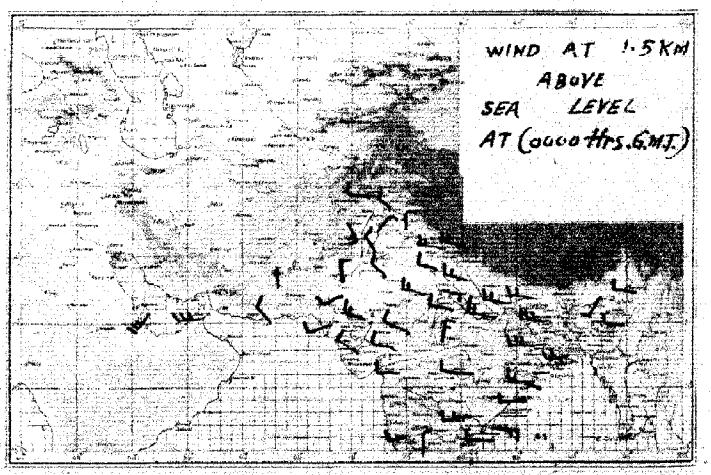
# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11TH MARCH, 1970




REG. No. 1024 RWXD'61-1,45,005-63

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**THURSDAY THE 12th MARCH, 1970.**

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

Yesterdays secondary western disturbance over west Pakistan and adjoining Rajasthan is well marked.

A few falls of light rain/drizzle have occurred in Peshawar, D. I. Khan, Quetta and Kalat divisions.

The trough of low pressure over west Bengal and adjoining East Pakistan has become accentuated. Under its influence a few falls of rain have occurred in Chittagong division. Weather remained dry elsewhere over the country.

Night temperatures were 3—5 °F (2—3 °C) above normal in Bahawalpur, Karachi and D. I. Khan divisions and to the same extent below normal in Chittagong, Rajshahi, Lahore and Hyderabad divisions.

**Forecast valid until the evening of 13th March 1970 :**—Local rain/thundershowers are likely to occur in Quetta, D. I. Khan, Peshawar, Malakand, Rawalpindi, divisions and Kashmir and scattered elsewhere in the country outside Hyderabad and Karachi divisions.

Karachi-11
The 12th March, 1970.

ZARIF AHMAD
for Director, Meteorological Service.

## OBSERVATIONS

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Ws (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest 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 | 010 | 1 | 6 | 31 | 02 | 96 | 02 | 4 | 093 | 77 | 5 | 7 | 6 | 7 | | 65 | 90 |
| | Cox's Bazar | 000 | 0 | 3 | 31 | 10 | 96 | 03 | : | 086 | 80 | 2 | 3 | 5 | 3 | 0 | 60 | 84 |
| | Chittagong | 000 | 0 | 3 | 13 | 03 | 96 | 01 | 6 | 069 | 76 | 3 | 3 | 5 | 6 | 0 | 75 | 85 |
| | Maijdee Court | 000 | 0 | 8 | 18 | 02 | 96 | 03 | 2 | 066 | 76 | 5 | 1 | 5 | 2 | 1 | 65 | 82 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 080 | 78 | 8 | 0 | 9 | 0 | 0 | 76 | 78 |
| | Brahmanbaria | 000 | 0 | 5 | 13 | 02 | 96 | 02 | 1 | 062 | 77 | 5 | 0 | 9 | 7 | 0 | 66 | 80 |
| | Sylhet | 001 | 0 | 4 | 00 | 00 | 96 | 02 | 2 | 058 | 78 | 0 | 0 | 9 | 4 | 0 | 66 | 78 |
| | Srimangal | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Dacca | Mymensingh | 000 | 0 | 2 | 08 | 00 | 98 | 01 | 0 | 059 | 85 | 2 | 5 | 6 | 0 | 0 | 78 | 91 |
| | Narayanganj | 000 | 0 | 3 | 23 | 02 | 94 | 02 | 1 | 063 | 78 | 3 | 6 | 6 | 0 | 0 | 75 | 82 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 2 | 060 | 80 | 6 | 0 | 9 | 6 | 2 | 60 | 82 |
| | Faridpur | 000 | 0 | 4 | 29 | 02 | 97 | 02 | 2 | 091 | 78 | 3 | 5 | 6 | 1 | 0 | 76 | 89 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | 000 | 0 | 4 | 18 | 05 | 97 | 02 | 0 | 092 | 78 | 2 | 2 | 5 | 0 | 0 | 77 | 80 |
| | Satkhira | 000 | 0 | 6 | 27 | 02 | 96 | 02 | 2 | 058 | 77 | 6 | 4 | 9 | 0 | 0 | 70 | 82 |
| | Jessore | 008 | 0 | 7 | 24 | 08 | 97 | 02 | 2 | 069 | 79 | 7 | 0 | 9 | 0 | 0 | 40 | 83 |
| Rajshahi | Pabna | 000 | 8 | 3 | 23 | 69 | 98 | 01 | 1 | 057 | 80 | 3 | 5 | 7 | 0 | 0 | 60 | 82 |
| | Sirajganj | 080 | 0 | 6 | 00 | 00 | 96 | 02 | 1 | 055 | 80 | 6 | 8 | 8 | 4 | 0 | 62 | 82 |
| | Rajshahi | 000 | 0 | 6 | 23 | 00 | 96 | 03 | 0 | 040 | 80 | 2 | 0 | 9 | 1 | 1 | 60 | 86 |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 6 | 31 | 02 | 96 | 03 | 1 | 088 | 74 | 2 | 5 | 7 | 2 | 7 | 52 | 76 |
| | Sialkot | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 008 | 0 | 6 | 31 | 02 | 98 | 02 | 2 | 090 | 74 | 1 | 1 | 7 | 7 | 1 | 44 | 76 |
| | Islamabad | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | /// | 65 | 3 | 5 | 6 | 4 | 1 | 50 | 65 |
| | Rawalpindi | 080 | 0 | 5 | 27 | 92 | 98 | 02 | 2 | 097 | 46 | 0 | 0 | 9 | 0 | 9 | 66 | 70 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 05 | // | 97 | 03 | 2 | 086 | 77 | 5 | 4 | 8 | 4 | 0 | 50 | 77 |
| | Sargodha | 000 | 0 | 7 | 09 | 03 | 97 | 02 | 2 | 092 | 74 | 1 | 1 | 6 | 2 | 7 | 61 | 77 |
| | Lyallpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | Sahiwal | 000 | 0 | 7 | 18 | 82 | 97 | 02 | 0 | 086 | 77 | 2 | 1 | 6 | 2 | 1 | 48 | 78 |
| | Multan | 000 | 0 | 0 | 36 | // | 94 | 00 | 0 | 063 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 6 | 08 | 00 | 97 | 01 | 1 | 065 | 82 | 2 | 0 | 8 | 3 | 2 | 42 | 85 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 089 | 77 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| | Fort Abbas | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 9 | 084 | 78 | 0 | 0 | 8 | 2 | 0 | 48 | 78 |
| Malakand | Chakdra | 000 | 8 | 2 | 23 | 02 | 97 | 03 | 1 | 089 | 66 | 2 | 1 | 7 | 0 | 0 | 50 | 66 |
| Peshawar | Peshawar | 000 | 0 | 7 | 00 | 80 | 97 | 02 | 2 | 100 | 66 | 2 | 1 | 6 | 3 | 1 | 55 | 69 |
| | Haripur | 000 | 8 | 7 | 23 | 02 | 97 | 03 | 2 | 041 | 64 | 7 | 0 | 5 | / | / | 50 | 70 |
| D. I. Khan | Bannu | 000 | 0 | 5 | 18 | 02 | 98 | 02 | 0 | 089 | 70 | 2 | 2 | 7 | 4 | 0 | 44 | 74 |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Sibi | 000 | 0 | 2 | 36 | 03 | 97 | 03 | 1 | 092 | 82 | 0 | 2 | 9 | 2 | 0 | 56 | 87 |
| | Nokkundi | 000 | 0 | 6 | 05 | 10 | 96 | 01 | 1 | 091 | 66 | 6 | 5 | 0 | 8 | 0 | 50 | 67 |
| Kalat | Turbat | 000 | 0 | 8 | 27 | 82 | 98 | 80 | 0 | 148 | 63 | 0 | 0 | 9 | 0 | 0 | // | 83 |
| | Jiwani | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 097 | 74 | 0 | 0 | 9 | 0 | 0 | 40 | 82 |
| | Pasni | 000 | 0 | 0 | 25 | 14 | 97 | 02 | 0 | 102 | 78 | 0 | 0 | 9 | 0 | 0 | 59 | 79 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 102 | 77 | 8 | 0 | 9 | 0 | 0 | 65 | 83 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 079 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 83 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 85 | 0 | 0 | 9 | 0 | 0 | 47 | 90 |
| | Chhor | 000 | 0 | 0 | 23 | 03 | 96 | 01 | 0 | 085 | 84 | 0 | 0 | 9 | 0 | 0 | 45 | 85 |
| | Hyderabad | 000 | 0 | 1 | 23 | 03 | 97 | 03 | 8 | 086 | 86 | 8 | 0 | 9 | 0 | 1 | 46 | 88 |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khairpur | Padidan | 000 | 0 | 4 | 13 | 05 | 96 | 03 | 0 | 084 | 84 | 1 | 1 | 7 | 0 | 1 | 43 | 85 |
| | Nawabshah | 000 | 0 | 5 | 14 | 02 | 96 | 03 | 1 | 888 | 82 | 8 | 0 | 9 | 0 | 4 | 31 | // |
| | Sukkur | 000 | 4 | 6 | 23 | 05 | 96 | 03 | 1 | 093 | 83 | 6 | 0 | 9 | 6 | 0 | 51 | 85 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 5 | 23 | 03 | 97 | 02 | 1 | 090 | 82 | 3 | 0 | 9 | 1 | 1 | 60 | 83 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 0 | 467 | 42 | 7 | 8 | 6 | 2 | / | 32 | 49 |
| Peshawar | Cherat * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 479 | 52 | 0 | 0 | 9 | 0 | 0 | 44 | 55 |
| | Kakul * | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 466 | 58 | 4 | 2 | 7 | 3 | 0 | 44 | 58 |
| | Landikotal * | 000 | 0 | 8 | 36 | 02 | 96 | 07 | 8 | /// | // | 8 | 7 | 6 | / | / | 28 | 59 |
| | Parachinar * | 000 | 0 | 6 | 18 | 03 | 97 | 02 | 2 | 464 | 52 | 3 | 5 | 6 | 3 | / | 52 | 56 |
| D.I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 95 | 00 | 0 | 480 | 65 | 0 | 0 | 9 | 0 | 0 | 44 | 66 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman * | 000 | 8 | 7 | 11 | 02 | 97 | 03 | 2 | 466 | 60 | 5 | 0 | 9 | 4 | 1 | 31 | 62 |
| | Hindubagh * | 000 | 0 | 8 | 20 | 25 | 97 | ·3 | 0 | /// | // | 8 | 2 | 5 | 0 | 0 | 34 | // |
| | Loralai * | 000 | 0 | 8 | 27 | 03 | 97 | 01 | 0 | 490 | 58 | 0 | 1 | 9 | 0 | 0 | 46 | 59 |
| | Barkhan * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Harnai * | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 448 | 67 | 0 | 0 | 8 | 0 | 6 | 35 | 70 |
| | Samungli (Quetta) * | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 0 | 468 | 56 | 7 | 0 | 9 | 2 | 0 | 36 | 57 |
| | Chaman * | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 471 | 60 | 0 | 0 | 9 | 0 | 0 | 47 | 63 |
| | Nushki * | 000 | 0 | 4 | 31 | 03 | 97 | 03 | 0 | 503 | 61 | 0 | 0 | 9 | 0 | 2 | 37 | 61 |
| | Dalbandin * | 000 | 0 | 2 | 05 | 02 | 97 | 01 | 2 | 470 | 63 | 7 | 0 | 9 | 3 | 0 | 37 | 45 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 01 | 97 | 00 | 2 | 463 | 63 | 0 | 0 | 9 | 0 | 0 | 35 | // |
| | Khuzdar * | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 454 | 68 | 0 | 0 | 9 | 0 | 0 | 27 | 69 |
| | Panjgur * | 000 | 0 | 2 | 23 | 02 | 96 | 09 | 0 | 466 | 72 | 0 | 0 | 9 | 0 | 1 | 38 | 73 |

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Ws (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal: Maximum temperature TxTx (37) | Departure from Normal: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 18 | 02 | 98 | 01 | 6 | 116 | 77 | 1 | 1 | 7 | 0 | 0 | 62 | 62 | — | — | 4.0 | — | 2.4 | |
| | Cox's Bazar | .00 | 0 | 2 | 09 | 05 | 96 | 03 | 0 | 106 | 81 | 0 | 0 | 9 | 2 | 1 | 64 | // | 0 | / | 1.0 | — 4.6 | 0.3 | 146 |
| | Chittagong | 005 | 0 | 4 | 11 | 03 | 96 | 01 | 1 | 109 | 77 | 3 | 0 | 9 | 0 | 1 | 70 | 65 | — 2 | — 1 | 1.4 | — 3.9 | 0.6 | 168 |
| | Maijdee Court | 000 | 7 | 0 | 80 | 00 | 98 | 00 | 0 | 098 | 77 | 0 | 0 | 9 | 0 | 0 | 65 | 65 | — 4 | — 5 | 2.6 | — 0.3 | 3.3 | 115 |
| | Comilla | 000 | 9 | 0 | 00 | 00 | 96 | 07 | 0 | 092 | 73 | 0 | 0 | 9 | 0 | 0 | 68 | 64 | — 11 | — 2 | 2.2 | — 2.0 | 1.7 | 54 |
| | Brahmanbaria | 000 | 0 | 1 | 23 | 02 | 97 | 01 | 1 | 098 | 77 | 2 | 5 | 5 | 0 | 0 | 68 | 64 | — | — | 2.5 | — 1.1 | 1.2 | 78 |
| | Sylhet | 001 | 9 | 3 | 13 | 05 | 96 | 03 | 0 | 095 | 75 | 3 | 4 | 4 | 0 | 0 | 64 | 62 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | 000 | 0 | 5 | 18 | 05 | 96 | 02 | 0 | 111 | 77 | 3 | 5 | 5 | 7 | 2 | 64 | 60 | | 0 | 3.2 | — 1.1 | 1.7 | 58 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 92 | 10 | 0 | /// | 68 | 0 | 0 | 9 | 0 | 0 | 69 | 42 | + 5 | — 2 | 1.6 | — 1.1 | 1.3 | 91 |
| | Narayanganj | 000 | 0 | 0 | 23 | 02 | 97 | 00 | 0 | 093 | 77 | 0 | 0 | 9 | 0 | 0 | 65 | 65 | — 7 | — 2 | 2.9 | — 0.4 | 1.5 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 091 | 76 | 0 | 0 | 9 | 0 | 0 | 65 | 61 | — | | 2.7 | | 1.2 | — |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 112 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 65 | + 6 | 0 | 3.6 | 0.0 | 2.0 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 2 | 101 | 75 | 0 | 0 | 9 | 0 | 0 | 69 | 64 | | — 4 | 2.2 | — 1.4 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 094 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | — 10 | + 6 | 4.8 | + 1.5 | 3.4 | 68 |
| | Satkhira | 000 | 0 | 0 | 23 | 06 | 97 | 00 | 0 | 099 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 64 | — 10 | — 4 | 3.1 | — 0.9 | 2.4 | 65 |
| | Jessore | 900 | 0 | 3 | 24 | 08 | 96 | 05 | 1 | 093 | 77 | 3 | 0 | 9 | 3 | 0 | 67 | 65 | — | — | 4.7 | + 1.4 | 3.6 | 65 |
| Rajshahi | Pabna | 000 | 8 | 0 | 31 | 02 | 99 | 02 | 2 | 089 | 79 | 0 | 0 | 9 | 0 | 0 | 67 | 64 | — | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 085 | 77 | 0 | 0 | 9 | 0 | 0 | 67 | 62 | — 6 | — 1 | 2.2 | 0.0 | 1.9 | 64 |
| | Rajshahi | 800 | 0 | 3 | 00 | 90 | 96 | 02 | 0 | 090 | 79 | 0 | 0 | 9 | 3 | 0 | 64 | 60 | | — 3 | 4.5 | + 0.2 | 1.6 | — |
| | Bogra | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 073 | 79 | 0 | 0 | 9 | 0 | 0 | 58 | 65 | — 2 | + 3 | 2.7 | + 0.3 | 1.4 | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 117 | 81 | 0 | 0 | 9 | 0 | 0 | 58 | 64 | | — 5 | 1.2 | 0.0 | 0.9 | 73 |
| | Rangpur | 800 | 6 | 0 | 23 | 02 | 94 | 01 | 0 | 111 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 39 | | 0 | 2.7 | + 1.0 | 1.2 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 6 | 00 | 00 | 94 | 10 | 1 | 096 | 61 | 3 | 8 | 6 | 7 | 0 | 56 | 56 | — 6 | + 4 | 1.8 | — 1.1 | 1.8 | 19 |
| | Sialkot | 000 | 0 | 0 | 20 | 10 | 98 | 00 | 0 | 130 | 40 | 0 | 0 | 9 | 0 | 0 | 49 | // | | / | 1.8 | — 3.5 | 1.8 | 32 |
| Rawalpindi | Jhelum | 000 | 8 | 6 | 00 | 00 | 97 | 03 | 2 | 100 | 56 | 2 | 5 | 6 | 3 | 2 | 51 | 51 | — | — | 4.5 | — | 4.5 | — |
| | Islamabad | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | /// | 58 | 2 | 4 | 6 | 4 | 0 | 45 | 51 | — | — | 5.8 | — | 5.8 | — |
| | Rawalpindi | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 107 | 54 | 4 | 0 | 9 | 4 | 3 | 49 | 49 | — 3 | 0 | 5.7 | — 2.0 | 5.6 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 080 | 0 | 8 | 00 | // | 97 | 03 | 2 | 094 | 58 | 8 | 8 | 8 | 0 | 0 | 51 | 54 | — 1 | — 1 | 1.5 | — 1.1 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 7 | 08 | 01 | 96 | 84 | 0 | 092 | 60 | 2 | 8 | 6 | 2 | 0 | 36 | 56 | — | — | 1.5 | — | 1.3 | — |
| | Lyallpur | 000 | 0 | 4 | 00 | 00 | 95 | 02 | 2 | 093 | 54 | 0 | 0 | 9 | 0 | 4 | 51 | 54 | | + 1 | 1.2 | — 0.4 | 0.9 | 13 |
| Multan | Sahiwal | 000 | 0 | 8 | 09 | 00 | 97 | 02 | 0 | 090 | 65 | 2 | 5 | 6 | 7 | 0 | 54 | 56 | — 5 | 0 | 0.7 | — 0.5 | 0.7 | 18 |
| | Multan | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 800 | 0 | 4 | 00 | 00 | 96 | 07 | 0 | /// | 60 | 3 | 0 | 9 | 3 | 2 | 54 | 56 | — 2 | + 2 | 2.8 | + 1.0 | 1.7 | 6 |
| | Bahawalpur | 000 | 0 | 4 | 00 | 00 | 96 | 10 | 0 | 098 | 79 | 0 | 0 | 9 | 0 | 1 | 47 | 60 | — 3 | + 5 | 0.2 | — 0.7 | 0.2 | 6 |
| | Fort Abbas | 000 | 8 | 0 | 36 | 02 | 98 | 00 | 0 | /// | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 58 | — | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdra | 000 | 2 | 7 | 05 | 07 | 97 | 01 | 6 | 103 | 49 | 1 | 0 | 3 | 4 | 9 | 47 | 47 | — | — | 4.7 | — | 3.7 | — |
| Peshawar | Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | | | | | 11 |
| | Haripur | 000 | 4 | 6 | 05 | 03 | 97 | 03 | 2 | 108 | 56 | 6 | 8 | 9 | 3 | 0 | 45 | 49 | — | — | 6.4 | — | 5.4 | — |
| D. I. Khan | Bannu | 300 | 0 | 5 | 05 | 01 | 98 | 04 | 5 | 100 | 59 | 5 | 2 | 7 | 0 | 0 | 51 | 51 | — | — | 1.9 | — | 1.4 | 11 |
| | D. I. Khan | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 096 | 62 | 0 | 0 | 9 | 4 | 0 | 54 | 58 | | + 4 | 7.4 | + 5.5 | 7.4 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 98 | 00 | 97 | 03 | 1 | /// | // | 4 | 2 | 9 | 4 | 2 | 58 | 54 | — | — | 0.6 | — | 0.6 | 5 |
| | Nokkundi | 006 | 0 | 4 | 36 | 03 | 96 | 01 | 0 | 117 | 58 | 4 | 6 | 9 | 0 | 0 | 44 | 53 | — | — | 2.5 | — | 2.5 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 145 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | 60 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 2 | 27 | 02 | 96 | 02 | 0 | 107 | 63 | 2 | 6 | 5 | 0 | 0 | 62 | 63 | — | — | 9.2 | — | 9.3 | 5 |
| | Pasni | 900 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 095 | 65 | 0 | 0 | 9 | 0 | 0 | 60 | // | — 5 | / | 2.5 | — 1.9 | 2.5 | 6 |
| Karachi division | Ormara | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Lasbela | 090 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 106 | 63 | 0 | 0 | 8 | 0 | 0 | 59 | 58 | | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 000 | 8 | 4 | 27 | 05 | 96 | 03 | 0 | 099 | 73 | 0 | 0 | 9 | 0 | 4 | 66 | 72 | + 1 | + 4 | 1.1 | — 0.2 | 1.1 | 8 |
| | Karachi (Airport) | 800 | 0 | 0 | 27 | 07 | 96 | 01 | 0 | 099 | 72 | 0 | 0 | 9 | 0 | 0 | 64 | 64 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 133 | 70 | 6 | 6 | 6 | 0 | 0 | 52 | 70 | — | — | 0.1 | — | 0.1 | — |
| | Chhor | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 1 | 091 | 63 | 0 | 0 | 9 | 3 | 0 | 59 | 55 | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 090 | 68 | 0 | 0 | 9 | 0 | 0 | 59 | 64 | — 3 | + 1 | 1.1 | + 0.4 | 1.1 | 9 |
| | Badin | 000 | 0 | 9 | 23 | 01 | 97 | 02 | 0 | 116 | 65 | 0 | 0 | 3 | 0 | 0 | 60 | 62 | | — 8 | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 079 | 63 | 0 | 0 | 9 | 0 | 0 | 50 | 55 | — | — | 0.0 | — | 0.8 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 086 | 62 | 0 | 0 | 9 | 0 | 0 | 52 | 54 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 075 | 71 | 0 | 0 | 9 | 0 | 0 | 49 | 59 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 800 | 0 | 2 | 09 | 02 | 96 | 03 | 0 | 079 | 65 | 2 | 0 | 9 | 3 | 0 | 54 | 61 | — 5 | + 2 | 2.2 | + 1.2 | 2.1 | 10 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 8 | | | | | 29 |
| Peshawar | Cherat * | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 458 | 47 | 8 | 7 | 6 | / | / | 43 | 45 | — 4 | — 1 | 4.5 | — 4.8 | 3.9 | — |
| | Kakul * | 000 | 0 | 6 | 34 | 02 | 98 | 03 | 2 | 459 | 49 | 1 | 2 | 5 | 4 | 0 | 43 | 45 | — | — | 11.2 | — | 10.1 | — |
| | Landikotal * | 000 | 0 | 8 | 05 | 05 | 98 | 07 | 0 | 612 | 43 | 6 | 7 | 6 | / | / | 40 | 35 | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar * | 000 | 0 | 7 | 00 | 00 | 96 | // | / | 465 | 45 | 5 | 5 | 6 | 3 | 8 | 40 | 40 | — 3 | + 3 | 5.1 | — | 4.5 | 15 |
| D.I. Khan | Miranshah * | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 523 | 54 | 4 | 0 | 9 | 0 | 0 | 49 | 40 | — | — | 0.1 | — 4.6 | 0.1 | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 482 | 47 | 0 | 0 | 9 | 0 | 0 | 43 | 41 | | — | 3.7 | — | 3.7 | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 0 | 458 | 48 | 2 | 5 | 7 | 4 | 1 | 44 | // | — 9 | / | 2.4 | — 0.7 | 2.4 | — |
| | Hindubagh * | 000 | 0 | 6 | 13 | 03 | 97 | 03 | 0 | /// | 28 | 6 | 2 | 5 | 0 | 0 | 13 | 23 | — | — | 1.6 | — | 1.4 | 9 |
| | Loralai * | 000 | 0 | 8 | 10 | 02 | 97 | 01 | 0 | 490 | 36 | 0 | 1 | 9 | 0 | 8 | 45 | // | — | — | 1.8 | — | 1.7 | — |
| | Barkhan * | 008 | 0 | 8 | 05 | 05 | 97 | 03 | 3 | 393 | 54 | 8 | 7 | 7 | 3 | 0 | 49 | 51 | | — | 0.5 | — | 0.5 | 14 |
| | Harnai * | 080 | 0 | 8 | 30 | 12 | 94 | 03 | 0 | 421 | 55 | 0 | 0 | 7 | 3 | 8 | 40 | 55 | — | — | 2.6 | — 1.3 | 2.6 | 9 |
| | Samungli (Quetta) * | 000 | 8 | 5 | 00 | 00 | 96 | 01 | 2 | 469 | 43 | 3 | 2 | 6 | 0 | 0 | 40 | 33 | — | — | 3.0 | — 1.0 | 2.3 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 00 | 0 | 491 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 41 | — 3 | — 4 | 7.7 | + 2.1 | 7.7 | — |
| | Nushki * | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 0 | 498 | 55 | 0 | 0 | 9 | 0 | 2 | 32 | 55 | — | — | 3.4 | — | 3.3 | 4 |
| | Dalbandin * | 005 | 7 | 7 | 31 | 02 | 97 | 60 | 6 | 461 | 54 | 7 | 5 | 6 | 0 | 0 | 38 | 45 | — 9 | 0 | 2.8 | + 0.1 | 2.8 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 20 | 02 | 97 | 00 | 2 | 482 | 41 | 0 | 0 | 9 | 0 | 0 | 37 | 35 | / | — 1 | 3.0 | — 1.2 | 3.0 | — |
| | Khuzdar * | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 451 | 53 | 1 | 5 | 6 | 0 | 9 | 37 | 46 | — | — | 2.7 | — | 2.4 | 5 |
| | Panjgur * | 600 | 0 | 1 | 05 | 02 | 96 | 01 | 0 | 458 | 55 | 1 | 0 | 9 | 3 | 0 | 49 | 46 | — 5 | — 2 | 0.0 | — | 0.0 | — |

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

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 12th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_a L_a L_o$ | $Q_c L_o L_o L_o$ | YYGG$_{iw}$ | N dd FF | VV $_{ww}$ W | PPP TT | $N_h C_L h C_M C_H$ | $D_s V_s$ a PP | 7RR $t_R t_R$ | 8N$_s$Ch$_s$ h$_s$ | $OT_sT_sT_dT_d$ | 1$T_wT_wT_{wt}$T | 3$P_wP_wH_wH_w$ | d. $d_w P_w H_w H_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Hinas .. ... | 99 2 56 | 10 5 01 | 11 1 23 | 21 4 05 | 99 0 11 | 10 0 24 | | ... | | | /// // | ... | 33 7 22 | |
| Hinas ... ... | 99 2 52 | 10 5 87 | 11 1 83 | 00 9 02 | 99 0 20 | 11 2 23 | 00 9 00 | 33 1 06 | | | 03 3 20 | 10 5 79 | 30 0 01 | 00 0 00 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $P_0P_0P_0$ $T_0T_0T_0$ $D_0D_0$ | hhh TTT$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 007 270 38 | ... | 450 102 25 | 490 002 37 | 569 139 58 | 734 269 50 | 939 341 58 | 212 527 // | 390 697 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 008 210 50 | | 410 146 59 | 041 052 60 | 570 127 // | 736 741 // | 940 335 // | 215 505 // | 398 611 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 006 314 52 | ... | 400 100 56 | 029 020 // | 567 131 // | 734 301 // | 942 335 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 994 180 56 | ... | /// /// // | /// /// // | /// 133 // | 751 175 // | 963 251 // | 250 341 // | ... | ... | ... | ... | ... |
| Peshawar ... | 90 00 | 969 120 21 | ... | 400 054 26 | 002 031 30 | 559 195 47 | 722 291 50 | 932 431 // | 191 505 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 816 084 58 | ... | /// /// // | 037 009 // | 564 185 // | 729 303 // | 938 377 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 987 160 56 | ... | 380 094 58 | 964 035 57 | 549 201 // | 712 271 // | 916 329 // | 202 415 // | 400 461 // | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | $P_mP_mP_m$ dmdm fmfmfm | $P_tT_tP_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 196 50 | 800 061 10 | 600 290 19 | /// /// // | 350 299 57 | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 166 59 | 800 128 59 | 700 050 60 | 620 090 // | 350 313 // | ... | ... | ... | ... | 112 725 // | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 09 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | | | | | | | | | | 177 281 01 | | |
| Quetta ... | 00 00 | 800 060 // | 712 000 // | 600 085 // | 350 350 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | | | | | | ... | | |

## UPPER WIND DATA

| Height in Kms. a.s.l. —> | As 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | | As 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 265 10 | 275 14 | 260 23 | 270 23 | 270 13 | ... | ... | ... | ... | 275 23 | 280 20 | 275 24 | 290 29 | 315 12 | 205 08 | 270 15 | 265 15 | 265 13 | 270 17 | 250 16 | ... | ... | ... | ... | ... | ... |
| Bogra ... | 215 13 | 220 13 | 201 31 | 250 19 | 275 15 | 280 39 | 250 39 | ... | ... | 255 18 | 265 16 | 270 18 | 255 21 | 255 18 | ... | 255 12 | 270 15 | 260 19 | 250 23 | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 265 08 | 280 03 | 350 04 | 285 10 | 260 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 13 | 240 08 | 215 04 | 150 08 | ... | ... | ... | ... | ... | ... |
| Chhor ... | 195 04 | 225 03 | 235 06 | 245 04 | 255 12 | 265 23 | 270 20 | 275 37 | 275 46 | 260 23 | 260 10 | 205 04 | 205 13 | 225 19 | 270 11 | 210 14 | 215 14 | 255 14 | 255 09 | 285 16 | 290 23 | 265 33 | 260 47 | 245 55 | ... | ... |
| Chittagong ... | 130 08 | 180 08 | 235 10 | 275 10 | 280 20 | 265 26 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 245 06 | 255 08 | 260 17 | 245 25 | 260 14 | 275 73 | 240 61 | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 345 10 | 345 24 | 345 15 | 350 12 | 355 10 | ... | ... | ... | ... | 005 03 | 005 03 | 325 03 | 320 07 | 310 12 | ... | 320 08 | 320 09 | 315 09 | 270 08 | 290 13 | 270 15 | 275 20 | ... | ... | ... | ... |
| Dacca ... | 215 01 | 210 12 | 225 12 | 225 13 | 230 24 | 255 33 | 295 43 | 290 47 | ... | 270 15 | 270 19 | 270 19 | 270 18 | 265 24 | 275 81 | 240 05 | 255 10 | 260 12 | 260 16 | 265 23 | 270 37 | 270 49 | 265 56 | 260 55 | ... | ... |
| Dalbandin ... | ... | ... | 085 09 | 135 05 | 340 50 | 270 14 | 285 31 | ... | ... | ... | ... | 090 04 | 075 03 | 155 06 | ... | ... | ... | 240 01 | 265 09 | 275 15 | 280 21 | 290 30 | ... | ... | ... | ... |
| D. I. Khan ... | 140 01 | 105 03 | 110 03 | 160 12 | 255 08 | 270 09 | ... | ... | ... | 350 03 | 355 02 | 360 02 | 270 04 | 240 01 | 270 14 | 090 04 | 135 07 | 165 07 | 180 08 | 180 07 | 270 07 | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 240 03 | 255 03 | 250 04 | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 200 02 | 215 07 | 275 20 | 275 33 | 275 40 | 280 33 | ... | ... | ... | 090 02 | 240 05 | 175 11 | ... | ... | ... | 250 01 | 240 03 | 290 09 | 260 19 | 270 36 | 270 42 | ... | ... |
| Gilgit ... | ... | ... | ... | 033 03 | 355 01 | /// // | 030 04 | ... | ... | ... | ... | ... | 210 03 | 170 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 220 15 | 230 19 | 215 15 | 280 18 | 288 27 | 290 43 | ... | ... | ... | 290 17 | 295 18 | 291 07 | 260 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 230 05 | 240 05 | 235 05 | 235 05 | 235 10 | 260 21 | 280 33 | 260 43 | ... | 315 10 | 320 07 | 305 06 | 295 07 | 285 17 | 285 41 | 100 09 | 105 12 | 095 10 | 235 09 | 240 11 | ... | ... | ... | ... | ... | ... |
| Jessore ... | 255 21 | 250 24 | 260 31 | 255 37 | 260 33 | 290 24 | ... | ... | ... | 265 27 | 265 26 | 275 33 | 275 20 | 270 22 | 285 25 | 260 12 | 245 13 | 245 12 | 280 19 | 290 39 | 285 29 | 295 36 | ... | ... | ... | ... |
| Jhelum ... | 318 04 | 310 08 | 305 08 | 280 06 | 285 04 | 260 06 | ... | ... | ... | 340 04 | 340 07 | 310 03 | 010 06 | 135 02 | 265 12 | 345 07 | 330 06 | 250 15 | 150 13 | 270 19 | 175 07 | 270 07 | ... | ... | ... | ... |
| Jiwani ... | 250 07 | 250 09 | 250 10 | 285 13 | 310 03 | 295 15 | 265 33 | 255 25 | 265 27 | 275 09 | 280 12 | ... | ... | ... | ... | 255 07 | 265 07 | 275 08 | 290 12 | 280 20 | /// // | 285 24 | ... | ... | ... | ... |
| Karachi ... | 235 12 | 230 07 | 280 06 | 380 10 | 305 15 | 250 10 | 260 26 | /// // | 260 33 | ... | ... | ... | ... | ... | ... | 265 07 | 275 14 | 270 15 | 275 11 | 290 14 | 290 23 | 300 58 | ... | ... | ... | ... |
| Khanpur ... | 280 03 | 285 04 | 200 05 | 245 10 | 330 05 | 240 03 | 265 10 | ... | ... | 240 06 | 255 09 | 265 10 | 305 12 | 300 10 | 265 08 | 220 02 | 220 03 | 250 07 | 260 08 | 270 13 | 270 10 | 275 15 | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | 295 63 | 245 03 | /// // | 290 15 | /// // | 270 28 | ... | ... | ... | 275 04 | 250 10 | 290 15 | ... | ... | ... | 260 02 | 275 21 | 265 35 | 275 33 | ... | ... | ... | ... |
| Lahore ... | 335 06 | 360 04 | 005 04 | 015 04 | 040 50 | 295 04 | 300 12 | 290 10 | ... | 020 04 | 025 06 | 020 07 | 020 06 | 325 12 | 299 11 | 350 05 | 345 05 | 330 07 | 295 10 | 290 16 | 295 14 | 255 18 | ... | ... | ... | ... |
| Multan ... | 165 12 | 175 09 | 180 07 | 195 06 | 190 20 | 270 15 | 275 05 | ... | ... | 155 25 | 170 22 | 190 14 | 245 06 | 255 08 | 245 26 | 160 16 | 170 23 | 195 20 | 190 15 | 215 10 | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 175 06 | 185 07 | 195 07 | 230 09 | 240 17 | 275 17 | 275 21 | 270 27 | 270 21 | 230 07 | 225 05 | 215 03 | 300 09 | 310 10 | 285 18 | 305 03 | 240 04 | 250 08 | 270 11 | 275 14 | 275 24 | 275 43 | 275 43 | 265 39 | ... | ... |
| Nokkundi ... | ... | ... | ... | 220 07 | 110 05 | ... | ... | ... | ... | ... | ... | 325 08 | 340 08 | 005 09 | ... | ... | ... | 280 05 | 210 06 | 285 16 | 275 29 | 270 32 | 260 47 | 275 49 | ... | ... |
| Panjgur ... | ... | ... | ... | 275 08 | 285 11 | 265 23 | 285 23 | 270 24 | 265 27 | ... | ... | ... | 205 08 | 245 10 | 245 14 | ... | ... | ... | 240 05 | 265 10 | 300 21 | 295 18 | 310 23 | 315 29 | ... | ... |
| Peshawar ... | ... | 035 12 | 120 02 | 305 04 | 220 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 035 07 | 030 07 | 070 02 | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 255 03 | 230 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 280 04 | 295 13 | 280 26 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 03 | 240 13 | 265 18 | ... | ... | ... | ... |
| Sargodha ... | 075 01 | 025 02 | 300 01 | 210 02 | 265 08 | 275 13 | 290 27 | 285 39 | 290 33 | 185 05 | 108 04 | 115 03 | 280 11 | 175 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 03 | 270 10 | ... | | | | | | | | | | | |
| Sylhet ... | 225 03 | 235 09 | 245 15 | 260 23 | 250 25 | ... | ... | ... | ... | 110 07 | 115 07 | 130 10 | ... | ... | ... | 180 07 | 220 06 | 250 17 | 270 25 | 220 35 | 265 50 | ... | ... | ... | ... | ... |
| Veravai ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l —> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 270 18 | 280 29 | 285 27 | 305 13 | 305 15 | 300 27 | 275 25 | 265 35 | 260 42 | 255 53 | 265 85 | 275 09 | 275 21 | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

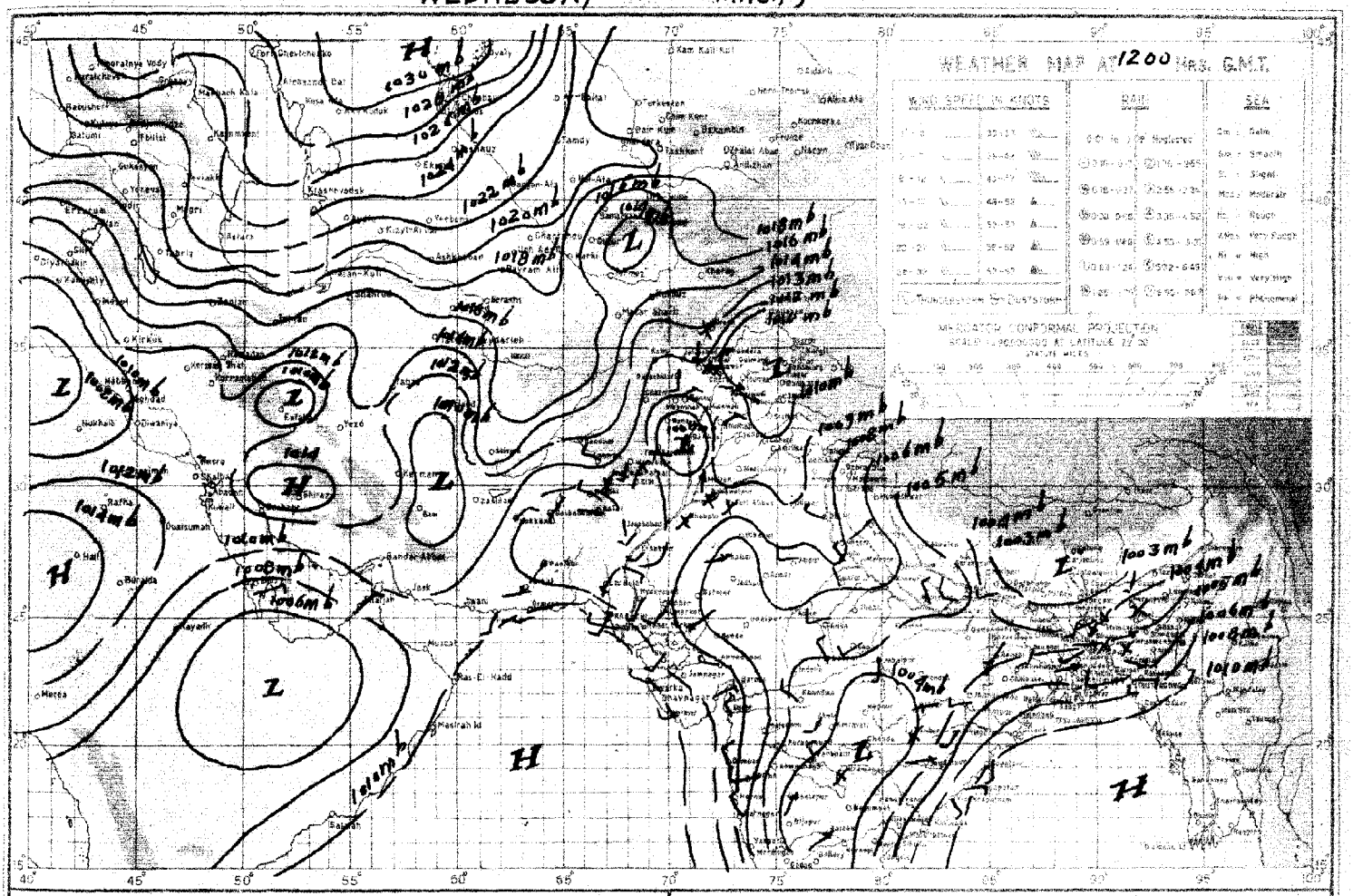
† The actual time of observations may vary within half an hour of the specified time.

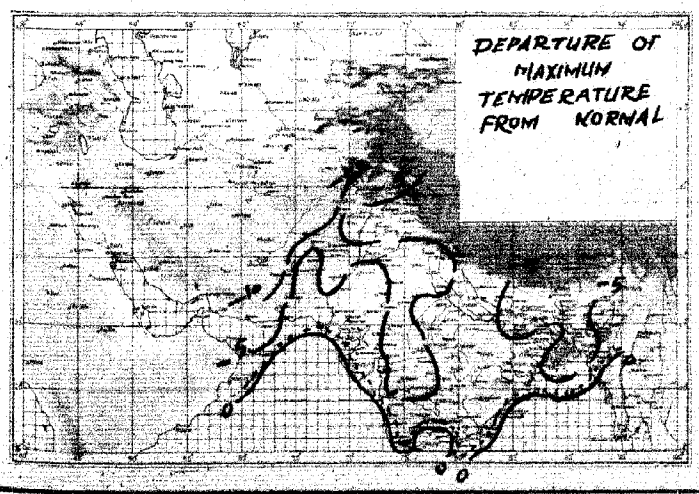
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

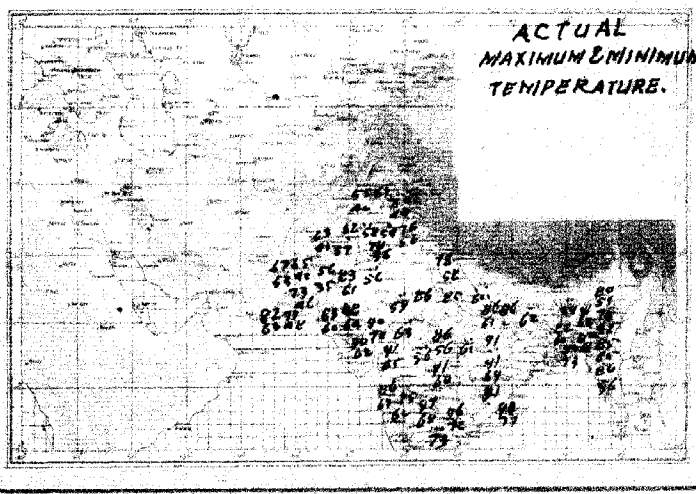
The accuracy of individual series in this report cannot be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port) KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11TH MARCH, 1970



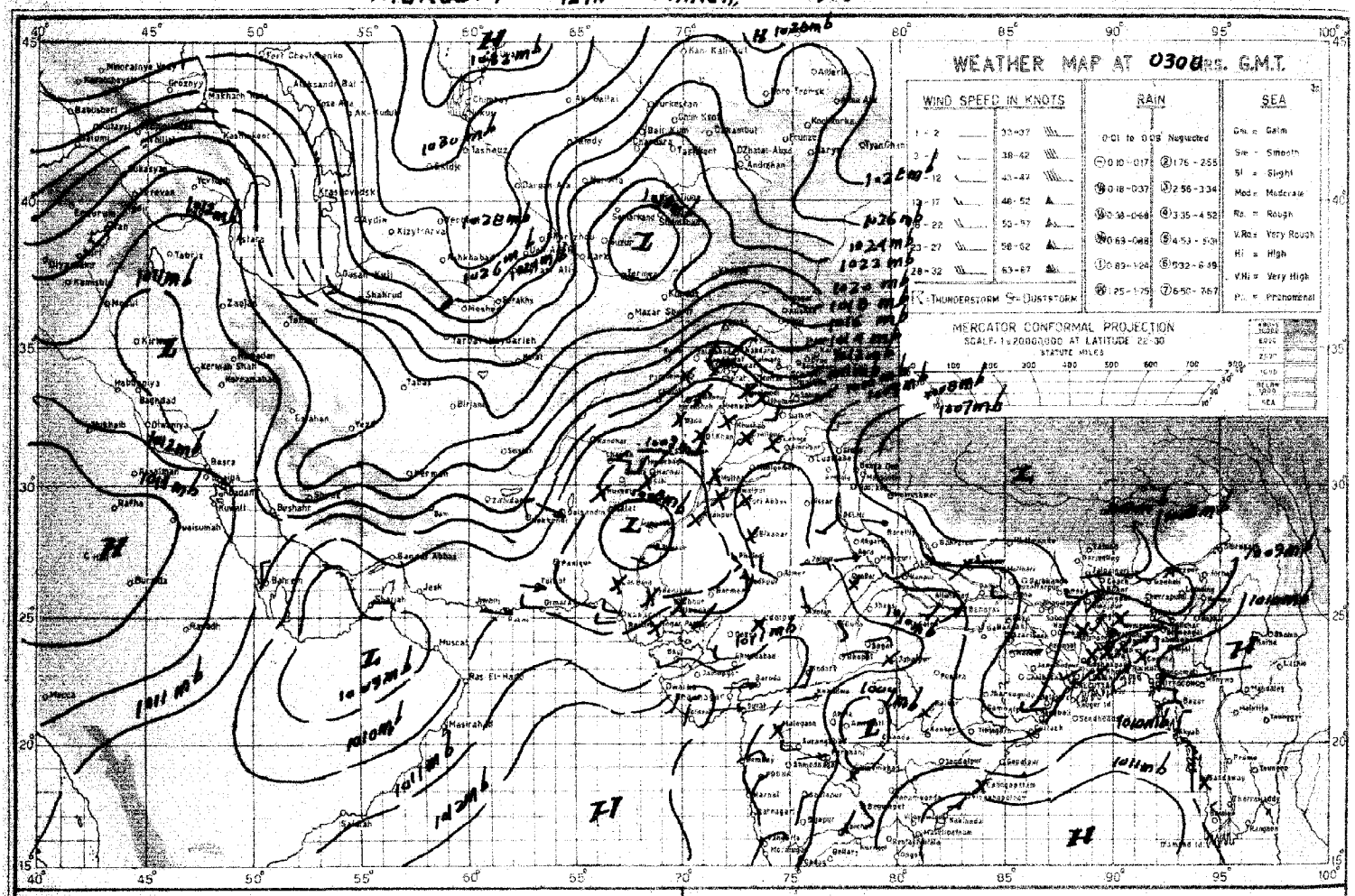



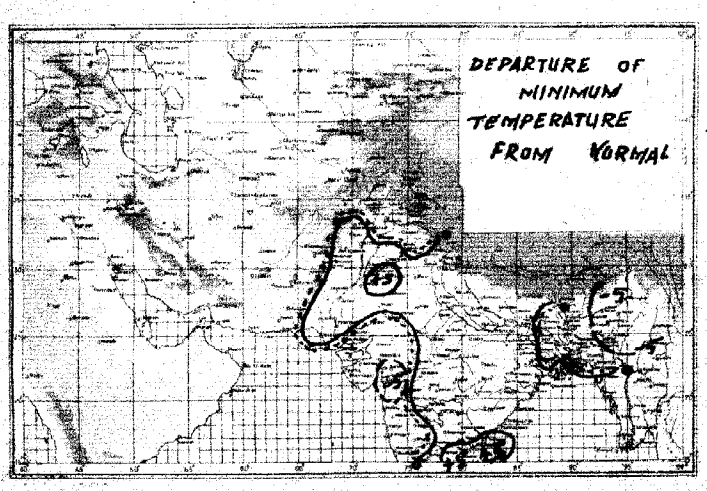



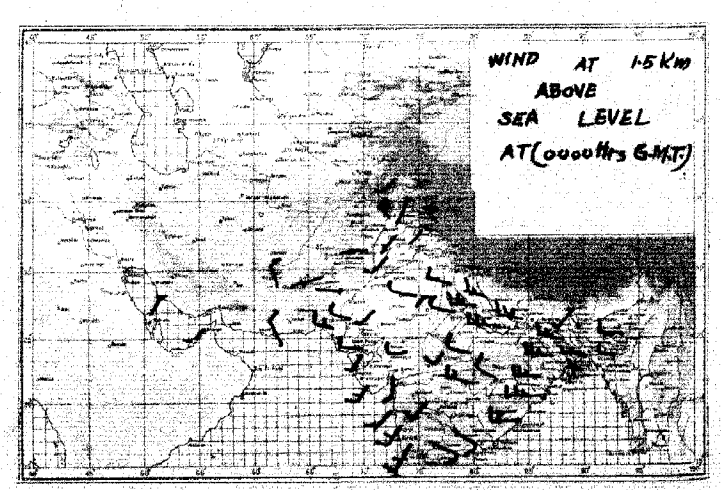

PRINTED AT THE SURVEY OF PAKISTAN, ORIENT, KAWALPINDI

# PAKISTAN DAILY WEATHER MAP

THURSDAY 12TH MARCH, 1970.




REG. No. 024 RWXD'61-5000'63-5000'67.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FIRDAY THE 13th MARCH, 1970.**

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

Yesterdays secondary western disturbance is moving across East Rajasthan and neighbourhood.
The western disturbance over Oman now lies over East Iran and adjoining areas.
Fairly widespread rain/thundershowers have occurred in Peshawar division, local in Rawalpindi, Sargodha divisions and scattered in D. I. Khan and Quetta divisions.
A few falls of light rain have also been reported from Malakand and Lahore divisions.
The trough of low pressure over west Bengal and adjoining East Pakistan persists. Rain/thundershowers have been scattered in Khulna division.
Chief amounts of rainfall are recorded at Jhelum and Cherat ½", Rawalpindi, Sargodha, Peshawar, Haripur, Kakul, Parachinar and Quetta ¼" each.
Night temperatures were 9—15 °F (5—8 °C) above normal in Chittagong division and 3—8 °F (2—4 °C) so elsewhere over the country outside Multan, Malakand, Peshawar, Kalat and Khairpur divisions where these were nearly normal.

**Forecast valid until the evening of 14th March 1970 :**—Fairly widespread rain/thundershowers are likely to occur in Malakand, Peshawar, Rawalpindi, Sargodha divisions and Kashmir, local in Quetta, D. I. Khan, Lahore and Multan divisions and scattered in Chittagong, Dacca, Khulna divisions and elsewhere in west Pakistan outside Karachi and Hyderabad divisions.

Karachi-11
The 13th March, 1970.

ZARIF AHMAD
for Director, Meteorological Service.

## OBSERVATIONS

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day | | | | | | | | | | | | | | | | | At 0300 Hrs. G.M.T. of date | | | | | | | | | | | | | | | | | | Departure from Normal of | | Rainfall | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amounts of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Maximum temperature | Minimum Temperature | Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
| | | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | h | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 03 | 96 | 00 | 0 | 070 | 82 | 0 | 0 | 9 | 0 | 0 | 78 | 90 | 000 | 0 | 6 | 18 | 05 | 98 | 03 | 1 | 116 | 77 | 4 | 7 | 5 | 1 | 0 | 73 | 73 | — | — | 4.0 | — | 2.4 | |
| | Cox's Bazar | 000 | 0 | 0 | 18 | 05 | 95 | 03 | 0 | 098 | 80 | 0 | 0 | 9 | 0 | 0 | 70 | 85 | .00 | 0 | 1 | 09 | 04 | 96 | 02 | 0 | 113 | 81 | 0 | 0 | 9 | 1 | 0 | 73 | 81 | − 1 | + 5 | 1.0 | − 4.6 | 0.3 | 140 |
| | Chittagong | 000 | 0 | 1 | 18 | 05 | 96 | 03 | 0 | 070 | 80 | 1 | 1 | 5 | 0 | 0 | 70 | 88 | 000 | 0 | 7 | 18 | 06 | 96 | 02 | 2 | 107 | 81 | 5 | 3 | 4 | 3 | 0 | 73 | 69 | + 1 | + 7 | 1.4 | − 3.9 | 0.6 | 188 |
| | Maijdee Court | 000 | 9 | 0 | 00 | 00 | 97 | 00 | 0 | 066 | 80 | 0 | 0 | 9 | 0 | 0 | 72 | 86 | 000 | 9 | 6 | 18 | 05 | 96 | 03 | 2 | 096 | 81 | 4 | 2 | 5 | 2 | 0 | 73 | 73 | 0 | + 3 | 3.6 | − 0.1 | 3.3 | 115 |
| | Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 00 | 1 | 054 | 85 | 4 | 4 | 7 | 0 | 0 | 72 | 88 | 000 | 0 | 0 | 18 | 02 | 94 | 03 | 0 | 102 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | − 1 | + 7 | 3.2 | − 2.1 | 1.7 | 94 |
| | Brahmanbaria | 000 | 0 | 2 | 18 | 02 | 97 | 02 | 1 | 040 | 82 | 2 | 1 | 7 | 0 | 0 | 66 | 88 | 000 | 0 | 2 | 23 | 02 | 97 | 01 | 1 | 102 | 81 | 0 | 8 | 9 | 0 | 0 | 64 | 73 | — | — | 2.5 | − 1.2 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 043 | 80 | 0 | 0 | 9 | 0 | 0 | 60 | 85 | 000 | 0 | 9 | 23 | 05 | 96 | 02 | 2 | 091 | 77 | 4 | 5 | 4 | 2 | 0 | 69 | 62 | — | — | 7.4 | — | 5.8 | — |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 5 | 23 | 09 | 96 | 02 | 0 | 098 | 79 | 3 | 8 | 5 | 7 | 1 | 69 | 73 | | + 12 | 3.2 | − 1.2 | 1.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 2 | 00 | 00 | 98 | 01 | 1 | 047 | 85 | 2 | 5 | 6 | 0 | 0 | 72 | 90 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 102 | 81 | 0 | 0 | 9 | 0 | 0 | 58 | 65 | + 4 | + 1 | 1.6 | − 1.2 | 1.8 | 91 |
| | Narayanganj | 000 | 0 | 8 | 31 | 02 | 93 | 03 | 2 | 048 | 85 | 8 | 0 | 4 | / | / | 70 | 85 | 009 | 0 | 1 | 31 | 02 | 97 | 01 | 1 | 111 | 81 | 1 | 6 | 6 | 0 | 0 | 69 | 69 | − 4 | + 2 | 2.9 | − 0.4 | 1.5 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 5 | 23 | 05 | 97 | 02 | 2 | 059 | 86 | 5 | 4 | 5 | 0 | 0 | 49 | 90 | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 100 | 81 | 0 | 0 | 9 | 0 | 0 | 59 | 69 | — | — | 2.7 | — | 1.2 | — |
| | Faridpur | 000 | 0 | 3 | 34 | 02 | 97 | 02 | 2 | 058 | 76 | 3 | 5 | 6 | 0 | 0 | 70 | 88 | 000 | 0 | 0 | 20 | 02 | 97 | 00 | 0 | 123 | 86 | 0 | 0 | ? | 0 | 0 | 72 | 69 | 0 | + 4 | 3.6 | − 0.1 | 2.0 | 71 |
| Khulna | Barisal | ... | .. | .. | ... | ... | ... | ... | | | | | | | | | ... | ... | 000 | 0 | 2 | 31 | 02 | 97 | 02 | 0 | 101 | 79 | 2 | 4 | 5 | 0 | 0 | 73 | 73 | | + 5 | 2.2 | − 1.6 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 047 | 86 | 0 | 0 | 9 | 0 | 0 | 82 | 91 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 75 | + 1 | + 8 | 4.8 | + 1.4 | 3.4 | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 054 | 86 | 0 | 0 | 9 | 0 | 0 | 70 | 90 | 010 | 0 | 3 | 23 | 05 | 97 | 00 | 0 | 105 | 79 | 2 | 1 | 7 | 1 | 0 | 73 | 68 | − 2 | 8 | 3.1 | − 0.9 | 3.0 | 65 |
| | Jessore | 008 | 0 | 7 | 27 | 05 | 97 | 02 | 0 | 049 | 86 | 2 | 4 | 4 | 0 | 0 | 68 | 90 | 800 | 0 | 0 | 00 | 00 | 96 | 05 | 4 | 103 | 79 | 2 | 6 | 3 | 0 | 0 | 73 | 73 | — | — | 4.7 | + 1.3 | 3.6 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 98 | 02 | 0 | 047 | 84 | 0 | 0 | 9 | 0 | 0 | 82 | 90 | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 094 | 82 | 0 | 0 | 9 | 0 | 0 | 50 | 64 | — | — | 4.0 | — | 3.0 | 89 |
| | Sirajganj | 080 | 0 | 0 | 27 | 03 | 94 | 00 | 0 | 044 | 88 | 0 | 0 | 9 | 0 | 0 | 42 | 88 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 096 | 81 | 0 | 0 | 9 | 0 | 0 | 60 | 65 | 0 | + 2 | 2.2 | − 0.1 | 1.9 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 075 | 82 | 0 | 0 | 9 | 0 | 0 | 59 | 95 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 090 | 79 | 0 | 0 | 9 | 0 | 0 | 60 | 64 | + 1 | + 1 | 4.5 | + 2.2 | 1.6 | — |
| | Bogra | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 043 | 82 | 0 | 0 | 9 | 0 | 0 | 48 | 90 | 000 | 0 | 1 | 23 | 02 | 96 | 03 | 0 | 092 | 79 | 1 | 0 | 9 | 3 | 0 | 54 | 64 | + 2 | + 2 | 2.7 | + 0.2 | 1.4 | 80 |
| | Dinajpur | 000 | 0 | 0 | 27 | 03 | 95 | 00 | 0 | 051 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 88 | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 096 | 81 | 0 | 0 | 9 | 0 | 0 | 54 | 62 | 0 | + 3 | 1.7 | − 0.1 | 0.9 | 73 |
| | Rangpur | 000 | 0 | 2 | 27 | 02 | 96 | 01 | 1 | 072 | 72 | 0 | 0 | 9 | 1 | 0 | 65 | 90 | 800 | 0 | 0 | 23 | 02 | 96 | 01 | 0 | 113 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 59 | + 4 | 0 | 2.7 | + 0.8 | 1.2 | 84 |
| Kashmir | Jammu | 000 | 0 | 6 | 00 | 00 | 96 | 01 | 2 | 072 | 72 | 3 | 5 | 6 | 7 | 0 | 50 | // | 000 | 5 | 4 | 36 | 05 | 96 | 01 | 6 | 093 | 59 | 2 | 5 | 6 | 3 | 0 | 54 | 52 | // | + 6 | 1.8 | − 1.2 | 1.8 | 19 |
| Lahore | Lahore (Jail Rd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 |
| | Sialkot | 008 | 0 | 5 | 36 | 03 | 97 | 02 | 2 | 074 | 70 | 2 | 5 | 6 | 7 | 1 | 42 | 72 | 043 | 9 | 0 | 08 | 05 | 96 | 61 | 6 | 102 | 56 | 3 | 6 | 6 | 2 | 1 | 54 | 56 | — | — | 5.0 | — | 5.0 | — |
| Rawalpindi | Jhelum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Islamabad | 010 | 3 | 7 | 00 | 00 | 98 | 02 | 3 | 006 | 60 | 7 | 4 | 7 | 0 | 0 | 52 | 70 | 031 | 5 | 8 | 09 | 02 | 97 | 61 | 6 | 106 | 54 | 8 | 5 | 6 | 0 | 0 | 39 | 54 | − 3 | + 5 | 6.0 | − 1.7 | 5.3 | 36 |
| | Rawalpindi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | C0 | 97 | 02 | 2 | 085 | 77 | 5 | 5 | 8 | 5 | 0 | 58 | 78 | 080 | 0 | 8 | 09 | // | 96 | 03 | 6 | 098 | 58 | 8 | 5 | 8 | 0 | 0 | 58 | 58 | − 1 | + 3 | 1.5 | − 1.1 | 1.3 | 15 |
| | Sargodha | 001 | 1 | 7 | 05 | 03 | 97 | 17 | 9 | 063 | 74 | 6 | 9 | 5 | 3 | 0 | 52 | 78 | 028 | 9 | 7 | 05 | 05 | 96 | 60 | 6 | 091 | 56 | 8 | 9 | 5 | 0 | 0 | 56 | 54 | — | — | 1.8 | — | 1.6 | — |
| | Lyallpur | 000 | 0 | 4 | 29 | 02 | 96 | 02 | 0 | 058 | 72 | 0 | 0 | 9 | 0 | 4 | 50 | 76 | 000 | 2 | 5 | 36 | 02 | 95 | 02 | 5 | 087 | 60 | 5 | 4 | 7 | 0 | 0 | 56 | 56 | − 5 | + 3 | 1.2 | − 0.4 | 0.9 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 7 | 09 | 03 | 97 | 03 | 1 | 051 | 78 | 5 | 5 | 6 | 3 | 0 | 49 | 80 | 000 | 0 | 8 | 31 | 02 | 97 | 02 | 0 | 074 | 85 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | − 3 | 0 | 0.7 | − 0.4 | 0.7 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 008 | 0 | 4 | 23 | 02 | 97 | 02 | 0 | 038 | 85 | 4 | 0 | 9 | 3 | 0 | 48 | 84 | 880 | 0 | 0 | 08 | 02 | 96 | 01 | 0 | /// | 96 | 0 | 0 | 9 | 0 | 0 | 56 | // | − 1 | — | 2.8 | + 1.0 | 1.7 | 6 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 058 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 80 | 000 | 0 | 3 | 08 | 00 | 96 | 10 | 0 | 970 | 70 | / | / | / | / | / | // | 61 | − 5 | + 6 | 0.2 | − 0.7 | 0.2 | 6 |
| | Fort Abbas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Malakand | Chakdra | 009 | 0 | 5 | 23 | 02 | 97 | 03 | 6 | 081 | 55 | 5 | 1 | 7 | 0 | 0 | 44 | 55 | 000 | 0 | 8 | 05 | 03 | 97 | 03 | 2 | 072 | 50 | 8 | 5 | 4 | 0 | 0 | 47 | 49 | — | — | 4.7 | — | 3.7 | — |
| Peshawar | Peshawar | 000 | 2 | 7 | 27 | 05 | 97 | 02 | 6 | 089 | 60 | 3 | 5 | 4 | 3 | 0 | 51 | 62 | 029 | 0 | 8 | 31 | 03 | 96 | 10 | 1 | 056 | 54 | 3 | 6 | 4 | 2 | 1 | 54 | 54 | − 12 | + 3 | 3.2 | − 1.8 | 2.5 | 11 |
| | Haripur | 000 | 8 | 7 | 36 | 02 | 97 | 03 | 6 | 075 | 62 | 7 | 5 | 6 | 0 | 0 | 51 | 66 | 021 | 4 | 8 | 05 | 03 | 97 | 03 | 6 | 112 | 54 | 8 | 7 | 6 | 0 | 0 | 47 | 49 | — | — | 6.6 | — | 5.7 | — |
| D. I. Khan | Bannu | 000 | 0 | 7 | 13 | 02 | 98 | 04 | 2 | 060 | 70 | 7 | 2 | 7 | 0 | 0 | 50 | 72 | 000 | 0 | 7 | 09 | 01 | 98 | 04 | 2 | 081 | 58 | 7 | 2 | 7 | 0 | 0 | 51 | 56 | — | — | 1.9 | — | 1.4 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 061 | 78 | 0 | 0 | 9 | 0 | 0 | 58 | 78 | 001 | 3 | 5 | 05 | 02 | 97 | 02 | 5 | 085 | 60 | 0 | 0 | 9 | 0 | 3 | 56 | 58 | − 3 | + 4 | 7.4 | + 5.4 | 7.4 | 9 |
| Quetta | Sibi | 000 | 0 | 3 | 18 | 03 | 97 | 03 | 1 | 049 | 86 | 0 | 2 | 9 | 2 | 0 | 61 | 87 | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 079 | 62 | 0 | 0 | 9 | 0 | 2 | 62 | 56 | — | — | 0.6 | — | 0.6 | 8 |
| | Nokkundi | 000 | 0 | 3 | 31 | 17 | 97 | 02 | 0 | 048 | 75 | 3 | 5 | 6 | 0 | 0 | 53 | 77 | 000 | 0 | 2 | 13 | 02 | 97 | 02 | 0 | 115 | 57 | 2 | 5 | 6 | 0 | 0 | 47 | 53 | — | — | 2.5 | — | 2.5 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 04 | 96 | 00 | 0 | 126 | 87 | 0 | 0 | 9 | 0 | 0 | 51 | 87 | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 125 | 69 | 0 | 0 | 9 | 0 | 0 | 59 | // | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 0 | 23 | 09 | 96 | 02 | 0 | 173 | 80 | 0 | 0 | 9 | 0 | 0 | 42 | 81 | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 088 | 70 | 6 | 0 | 5 | 0 | 0 | 69 | 68 | — | — | 9.2 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 0 | 25 | 12 | 97 | 02 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 68 | 84 | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 075 | // | 0 | 0 | 9 | 0 | 0 | 64 | 49 | 0 | — | 2.5 | − 2.0 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 14 | 96 | 02 | 0 | 074 | 80 | 0 | 0 | 9 | 0 | 0 | 68 | 81 | 000 | 0 | 1 | 27 | 12 | 96 | 01 | 2 | 102 | 73 | 1 | 6 | 6 | 0 | 0 | 71 | // | — | — | 2.9 | − 1.7 | 2.9 | 8 |
| | Lasbela | /// | 0 | 4 | 18 | 03 | 98 | 00 | 0 | 039 | 86 | 0 | 0 | 9 | 0 | 0 | 60 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 047 | 77 | 0 | 0 | 9 | 0 | 0 | 68 | 78 | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 080 | 74 | 0 | 0 | 9 | 0 | 0 | 70 | 73 | + 4 | + 5 | 1.1 | − 0.3 | 1.1 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 28 | 18 | 96 | 01 | 0 | 065 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 82 | 000 | 0 | 0 | 27 | 03 | 96 | 01 | 0 | 082 | 73 | 0 | 0 | 9 | 0 | 0 | 68 | 68 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 85 | 0 | 0 | 9 | 0 | 0 | 42 | 90 | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| | Chhor | 000 | 0 | 0 | 23 | 10 | 97 | 02 | 0 | 048 | 89 | 0 | 0 | 9 | 0 | 0 | 53 | 91 | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 084 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 64 | 0 | + 1 | 1.1 | + 0.3 | 1.1 | 9 |
| | Hyderabad | 000 | 0 | 0 | 23 | 12 | 97 | 02 | 0 | 067 | 87 | 0 | 0 | 9 | 0 | 0 | 59 | 89 | 000 | 0 | 4 | 33 | 04 | 96 | 02 | 0 | 993 | 71 | 0 | 0 | 9 | 0 | 4 | 65 | 67 | − 3 | + 5 | 0.1 | − 0.8 | 0.1 | — |
| | Badin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Khairpur | Padidan | 000 | 0 | 1 | 13 | 05 | 97 | 03 | 0 | 031 | 89 | 1 | 1 | 7 | 0 | 0 | 49 | 91 | 000 | 0 | 3 | 29 | 03 | 97 | 03 | 0 | 075 | 65 | 2 | 0 | 9 | 7 | 0 | 52 | 58 | — | — | 0.8 | — | 0.8 | — |
| | Nawabshah | 000 | 0 | 2 | 13 | 09 | 96 | 03 | 0 | 039 | 92 | 0 | 0 | 9 | 4 | 0 | 62 | 93 | 000 | 0 | 0 | 02 | 07 | 96 | 02 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 47 | 60 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 94 | 02 | 0 | 065 | 83 | 0 | 0 | 9 | 0 | 0 | 51 | 88 | 000 | 0 | 6 | 23 | 05 | 96 | 03 | 1 | 076 | 64 | 6 | 0 | 9 | 6 | 0 | 31 | 61 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 001 | 0 | 1 | 10 | 00 | 97 | 12 | 0 | 035 | 85 | 1 | 0 | 9 | 3 | 0 | 53 | 86 | 000 | 0 | 0 | 27 | 02 | 94 | 02 | 0 | 072 | 67 | 0 | 0 | 9 | 0 | 0 | 54 | 41 | − 2 | + 2 | 2.2 | + 1.2 | 2.1 | 30 |
| Junagadh | Varaval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 56 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Malakand | Drosh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Peshawar | Cherat | 005 | 4 | 8 | 00 | 00 | 97 | 03 | 6 | 453 | 49 | 8 | 7 | 6 | / | / | 48 | 51 | 047 | 9 | 9 | 01 | 03 | 91 | 50 | 6 | 435 | 45 | 0 | 0 | 9 | 0 | 0 | 45 | 43 | − 8 | − 3 | 4.9 | + 0.1 | 4.2 | — |
| | Kakul | 000 | 0 | 7 | 31 | 02 | 98 | 03 | 2 | 444 | 51 | 4 | 4 | 6 | 3 | 0 | 42 | 55 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | — | | 4.3 | — | 3.6 | 39 |
| | Landikotal | ... | ... | ... | ... | ... | ... | 91 | ... | ... | ... | ... | ... | ... | ... | ... | | ... | 000 | 0 | 8 | 36 | 02 | 98 | 03 | 8 | 612 | 43 | 8 | 7 | 6 | / | / | 41 | 38 | | | | | | |
| | Parachinar | 005 | 3 | 8 | 16 | 03 | 97 | 03 | 5 | 441 | 49 | 6 | 5 | 5 | 2 | 7 | 39 | 52 | 031 | 6 | 8 | 00 | 00 | // | 51 | 5 | 444 | 41 | 5 | 9 | 5 | 2 | 1 | 38 | // | − 6 | — | 5.4 | — | 4.8 | 13 |
| | Miranshah | 000 | 0 | 0 | 05 | 03 | 97 | 00 | 0 | 481 | 55 | 8 | 0 | 9 | 0 | 0 | 51 | 55 | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 557 | 51 | 8 | 0 | 9 | 0 | 0 | 45 | 40 | — | — | 0.1 | − 4.7 | 0.1 | 11 |
| D.I. Khan | Wana | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Quetta | Fort Sandeman | 000 | 8 | 7 | 23 | 05 | 97 | 03 | 2 | 430 | 64 | 5 | 8 | 7 | 3 | 0 | 33 | 45 | 000 | 0 | 3 | 18 | 07 | 97 | 01 | 1 | 441 | 54 | 3 | 5 | 7 | 0 | 0 | 37 | 48 | − 6 | + 5 | 2.4 | − 0.8 | 2.4 | — |
| | Hindubagh | 004 | 0 | 7 | 21 | 13 | 97 | 03 | 0 | /// | 48 | 7 | 7 | 9 | 0 | 0 | 15 | 50 | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | /// | 25 | 0 | 0 | 9 | 0 | 0 | 22 | 23 | — | — | 1.6 | — | 1.4 | 9 |
| | Loralai | 000 | 0 | 8 | 18 | 04 | 98 | 01 | 0 | 455 | 58 | 0 | 1 | 9 | 0 | 0 | 49 | 60 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 470 | 48 | 0 | 0 | 9 | 0 | 0 | 35 | 30 | — | — | 1.8 | — | 1.7 | — |
| | Barkhan | 000 | 0 | 8 | 05 | 05 | 97 | 03 | 8 | 443 | 65 | 8 | 7 | 7 | 0 | 0 | 31 | 69 | 000 | 0 | 8 | 05 | 02 | 97 | 03 | 2 | 392 | 54 | 8 | 7 | 7 | 0 | 0 | 49 | 51 | — | — | 0.5 | — | 0.5 | 14 |
| | Harnai | 000 | 0 | 6 | 31 | 02 | 96 | 02 | 0 | 415 | 68 | 0 | 8 | 7 | 0 | 6 | 36 | 68 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 426 | 34 | 0 | 0 | 9 | 0 | 0 | 44 | 30 | — | — | 2.6 | − 0.2 | 2.6 | 9 |
| | Samungli (Quetta) | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 2 | 420 | 53 | 6 | 6 | 9 | 4 | 0 | 41 | 57 | 008 | 9 | 6 | 00 | 00 | 96 | 03 | 2 | 469 | 44 | 5 | 5 | 6 | 2 | 0 | 40 | 41 | — | — | 3.1 | − 2.9 | 2.4 | 9 |
| | Chaman | 000 | 0 | 0 | 18 | 07 | 96 | 03 | 0 | 482 | 57 | 0 | 0 | 9 | 0 | 0 | 47 | 63 | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 498 | 46 | 0 | 0 | 9 | 0 | 0 | 40 | 39 | − 3 | − 6 | 7.7 | + 2.2 | 7.7 | — |
| | Nushki | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 479 | 66 | 4 | 5 | 9 | 1 | 0 | 41 | 63 | 004 | 9 | 3 | 00 | 00 | 97 | 03 | 6 | 512 | 51 | 0 | 0 | 9 | 0 | 2 | 29 | 31 | — | — | 3.4 | — | 3.4 | 4 |
| | Dalbandin | 000 | 0 | 3 | 21 | 04 | 97 | 03 | 0 | 483 | 73 | 4 | 4 | 6 | 0 | 9 | 43 | 75 | 001 | 1 | 5 | 00 | 00 | 97 | 21 | 1 | 471 | 52 | 5 | 5 | 6 | 0 | 0 | 51 | 52 | − 1 | + 7 | 2.8 | + 0.1 | 2.8 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 2 | 433 | 55 | 0 | 0 | 9 | 0 | 0 | 39 | 57 | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 461 | 42 | 0 | 0 | 9 | 0 | 0 | 37 | 35 | − 4 | − 1 | 3.0 | − 1.3 | 3.0 | — |
| | Khuzdar | 000 | 0 | 4 | 23 | 02 | 97 | 02 | 1 | 434 | 72 | 4 | 5 | 6 | 0 | 0 | 32 | 73 | 000 | 0 | 1 | 29 | 02 | 96 | 02 | 0 | 454 | 57 | 1 | 0 | 9 | 3 | 0 | 43 | 52 | — | — | 2.7 | — | 2.4 | 8 |
| | Panjgur | 000 | 0 | 5 | 23 | 10 | 95 | 03 | 1 | 441 | 76 | 3 | 5 | 6 | 4 | 0 | 39 | 78 | — | — | — | — | — | — | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | − 3 | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 13th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | $VV_{ww}W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RRt_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d\,d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Diadema | 99 2 81 | 10 5 91 | 12 4 23 | 01 8 09 | 98 0 20 | 08 9 24 | 00 9 00 | ... | | | 0 // 20 | 12 4 67 | 30 3 03 | |
| Ohramzd | 99 1 73 | 10 8 92 | 12 0 00 | 01 8 02 | 99 0 00 | 10 0 28 | | ... | | | ... | ... | ... | |
| Hizen | 99 2 46 | 10 6 51 | 12 0 63 | 22 4 12 | 99 0 20 | 12 0 79 | 21 3 17 | 38 2 80 | | | 00 3 70 | 17 5 72 | 30 1 01 | |
| Diadiema | 99 2 16 | 10 5 97 | 12 3 65 | 02 6 09 | 98 0 00 | 12 9 22 | 80 9 00 | ... | | | 01 1 19 | 12 2 65 | 30 4 02 | |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o\,T_oT_oT_o\,D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 005 222 16 | ... | 440 146 50 | 066 010 11 | 574 113 60 | 741 217 59 | 951 311 59 | 225 511 // | 409 583 // | 651 741 // | ... | ... | ... |
| Dacca | 00 00 | 009 244 56 | | 400 126 57 | 067 010 50 | 573 119 59 | 742 185 59 | 950 299 54 | 226 517 // | 409 631 // | | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 005 314 21 | ... | 490 100 15 | 022 018 28 | 576 131 // | 733 221 // | 937 361 // | 212 475 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 991 140 40 | ... | 400 054 00 | 069 104 56 | 577 111 // | 744 225 // | 951 331 // | 228 435 // | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 966 122 00 | ... | ... | 056 021 56 | 565 181 // | 729 265 // | 932 351 // | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 816 066 44 | ... | ... | 029 077 // | 554 253 // | 714 313 // | 915 395 // | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 993 104 35 | ... | 400 104 58 | 981 041 // | 556 221 // | 718 285 // | 921 351 // | 193 435 // | 388 485 // | 653 525 // | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m\,d_md_m\,f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 182 57 | 800 108 50 | 600 055 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 174 57 | 800 094 57 | 680 221 62 | 350 239 59 | 250 485 // | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 230 10 | 230 10 | 230 09 | 285 15 | 245 10 | | 285 19 | | | 255 10 | 255 15 | 235 13 | | | |
| Bogra | 270 17 | 265 14 | 255 12 | 255 18 | 270 25 | 275 35 | | | | 245 25 | 275 29 | 285 11 | 270 27 | | |
| Chaklala | | 045 05 | 045 07 | 125 07 | 160 08 | | | | | No | Ascent | | | | |
| Chhor | 240 07 | 245 12 | 260 13 | 275 17 | 280 20 | 270 28 | 290 41 | | | 245 42 | 285 40 | 285 43 | 285 20 | 275 19 | |
| Chittagong | 195 10 | 195 09 | 220 04 | 255 17 | 270 23 | 260 39 | 265 39 | 265 49 | | | | | | | |
| Cherat | | | | | | | | | | | | | | | |
| Cox's Bazar | 225 06 | 220 06 | 245 10 | 285 09 | 280 03 | 360 03 | 315 08 | | | 205 04 | 220 07 | 325 07 | 240 12 | 335 11 | |
| Dacca | 250 09 | 245 09 | 255 10 | 255 10 | 255 12 | | | | | | | | | | |
| Dalbandin | | | 260 09 | 260 17 | 260 13 | 265 24 | | | | | | 060 09 | 065 07 | 300 10 | 265 14 |
| D. I. Khan | 145 10 | 160 08 | 150 07 | 150 09 | 145 06 | 195 07 | 270 23 | 270 19 | 270 20 | 040 17 | 075 15 | 085 14 | 130 13 | 180 01 | 240 11 |
| Drosh | | | | | | | | | | No | Ascent | | | | |
| Fort Sandeman | | | | 250 03 | 215 07 | 195 12 | 185 35 | 185 43 | 200 48 | | | | 130 08 | 260 17 | 290 27 |
| Gilgit | | | | | | | | | | | | | 120 01 | 120 07 | 120 07 |
| Ishurdi | 265 12 | 265 13 | 260 13 | 270 19 | 270 18 | | | | | 265 04 | 265 10 | 195 13 | 275 23 | 275 35 | |
| Jacobabad | 315 02 | 260 01 | 260 03 | 265 05 | 265 18 | 270 29 | 280 39 | | | 330 14 | 325 11 | 310 08 | 295 06 | 165 12 | 270 11 |
| Jessore | 275 15 | 280 14 | 270 14 | 270 21 | 270 19 | 160 43 | | | | 285 07 | 305 07 | 330 10 | | | |
| Jhelum | 335 04 | 360 07 | 340 03 | 235 07 | 250 13 | 265 13 | 280 25 | 280 31 | 275 00 | No | Ascent | | | | |
| Jiwani | 240 11 | 245 16 | 245 20 | 265 16 | 280 20 | 265 31 | 280 37 | | | 205 05 | 225 15 | 235 16 | 235 11 | 245 12 | 275 24 |
| Karachi | 265 19 | 270 18 | 275 19 | 295 28 | 285 31 | 290 31 | | | | | | | | | |
| Khanpur | | | | | | | | | | 240 06 | 135 06 | 240 09 | 208 07 | 295 10 | 270 16 |
| Khuzdar | | | | 280 12 | 280 15 | 270 19 | | | | | | | 305 04 | 295 07 | 285 14 |
| Lahore | 225 04 | 300 05 | 325 06 | 300 02 | 250 06 | 255 08 | | | | 080 09 | 085 14 | 090 15 | 005 03 | 045 08 | 820 12 |
| Multan | 115 10 | 170 07 | 185 10 | 240 13 | 220 16 | | | | | 060 15 | 065 18 | 185 10 | 270 13 | 270 24 | 280 19 |
| Nawab Shah | 255 03 | 235 06 | 235 08 | 265 12 | 275 21 | 275 20 | 255 56 | 285 61 | | 320 12 | 300 15 | 305 17 | 290 09 | 280 12 | 275 19 |
| Nokkundi | | | 315 31 | 310 28 | 305 54 | | | | | | | 320 15 | 300 17 | 290 21 | 280 31 |
| Panjgur | | | | 255 16 | 255 21 | | | | | | | | | | |
| Peshawar | | 240 05 | 195 03 | 075 04 | 245 05 | 320 14 | 245 13 | | | | | | | | |
| Parachinar | | No | Ascent | | | | | | | | | | | | |
| Quetta | | | | /// // | 220 09 | 235 21 | | | | | | | | | |
| Sargodha | 100 03 | 120 08 | 130 03 | 175 03 | 200 03 | | | | | 065 14 | 105 15 | 050 15 | 200 17 | | |
| Skardu | | | | | | | | | | | | | 230 03 | 255 02 | |
| Sylhet | 180 03 | 220 08 | 225 13 | 225 17 | 245 23 | 255 35 | 275 49 | 275 63 | | 250 03 | 260 09 | 270 17 | | | |
| Veraval | | | | | | | | | | | | | | | |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 260 19 | 255 11 | 245 15 | 265 20 | | | | | | | |
| Bogra | 245 06 | 255 09 | 255 13 | 270 28 | 285 36 | 275 43 | | | | | |
| Chaklala | | 125 11 | 149 12 | 185 13 | | | | | | | |
| Chhor | 250 21 | 280 12 | 275 40 | 260 10 | 285 16 | 265 06 | 275 37 | | | | |
| Chittagong | 200 05 | 220 09 | 220 15 | 230 16 | 245 13 | 245 18 | | | | | |
| Cherat | | | | | | | | | | | |
| Cox's Bazar | 190 13 | 220 13 | 290 11 | 295 18 | 300 27 | 315 20 | | | | | |
| Dacca | 190 09 | 220 06 | 265 06 | 275 13 | 290 27 | 285 45 | 210 48 | 265 45 | 265 57 | 270 70 | 285 98 |
| Dalbandin | | | 090 05 | 160 03 | 255 07 | | | | | | |
| D. I. Khan | | | | | | | | | | | |
| Drosh | | | | | | | | | | | |
| Fort Sandeman | | | | 225 06 | 225 08 | 250 13 | | | | | |
| Gilgit | | | | | | | | | | | |
| Ishurdi | 220 05 | 240 07 | 280 15 | 290 26 | 285 35 | | | | | | |
| Jacobabad | 335 05 | 245 10 | 265 15 | 265 17 | 260 10 | 300 17 | 275 48 | 260 53 | | | |
| Jessore | 320 03 | 295 08 | 275 09 | 270 26 | 280 18 | 300 37 | 290 52 | | | | |
| Jhelum | | | | | | | | | | | |
| Jiwani | 170 03 | 240 05 | 245 08 | 235 12 | 230 19 | | | | | | |
| Karachi | 245 14 | 275 09 | 275 16 | | | | | | | | |
| Khanpur | | | | | | | | | | | |
| Khuzdar | | | | 260 21 | 285 10 | 245 36 | 255 37 | | | | |
| Lahore | 070 07 | 085 06 | 140 09 | 165 21 | 180 26 | 185 23 | | | | | |
| Multan | 350 12 | 010 12 | 340 13 | 310 29 | 290 41 | 285 42 | 265 50 | 275 61 | 270 68 | 275 80 | |
| Nawab Shah | 315 04 | 295 08 | 300 12 | 285 14 | 200 17 | 265 17 | 270 47 | 260 47 | 260 66 | 260 86 | |
| Nokkundi | | | 175 06 | 170 06 | | | | | | | |
| Panjgur | | | | | | | | | | | |
| Peshawar | | 165 02 | 165 08 | 205 11 | 245 13 | 255 08 | | | | | |
| Parachinar | | | | | | | | | | | |
| Quetta | | | | /// // | 285 05 | 285 22 | | | | | |
| Sargodha | 070 12 | 080 18 | 105 16 | | | | | | | | |
| Skardu | | | | | | | | | | | |
| Sylhet | 225 15 | 240 10 | 270 15 | 265 29 | 245 30 | 260 39 | | | | | |
| Veraval | | | | | | | | | | | |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 275 14 | 275 19 | 280 22 | 280 25 | 275 37 | 220 31 | 275 48 | 275 53 | 260 57 | 255 68 | 265 78 | 261 09 | ... | ... | ... | ... | ... | ... |
| Multan | 060 65 | 069 18 | 185 10 | 270 13 | 270 24 | 270 19 | 240 42 | 280 55 | 270 34 | 285 78 | 275 40 | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

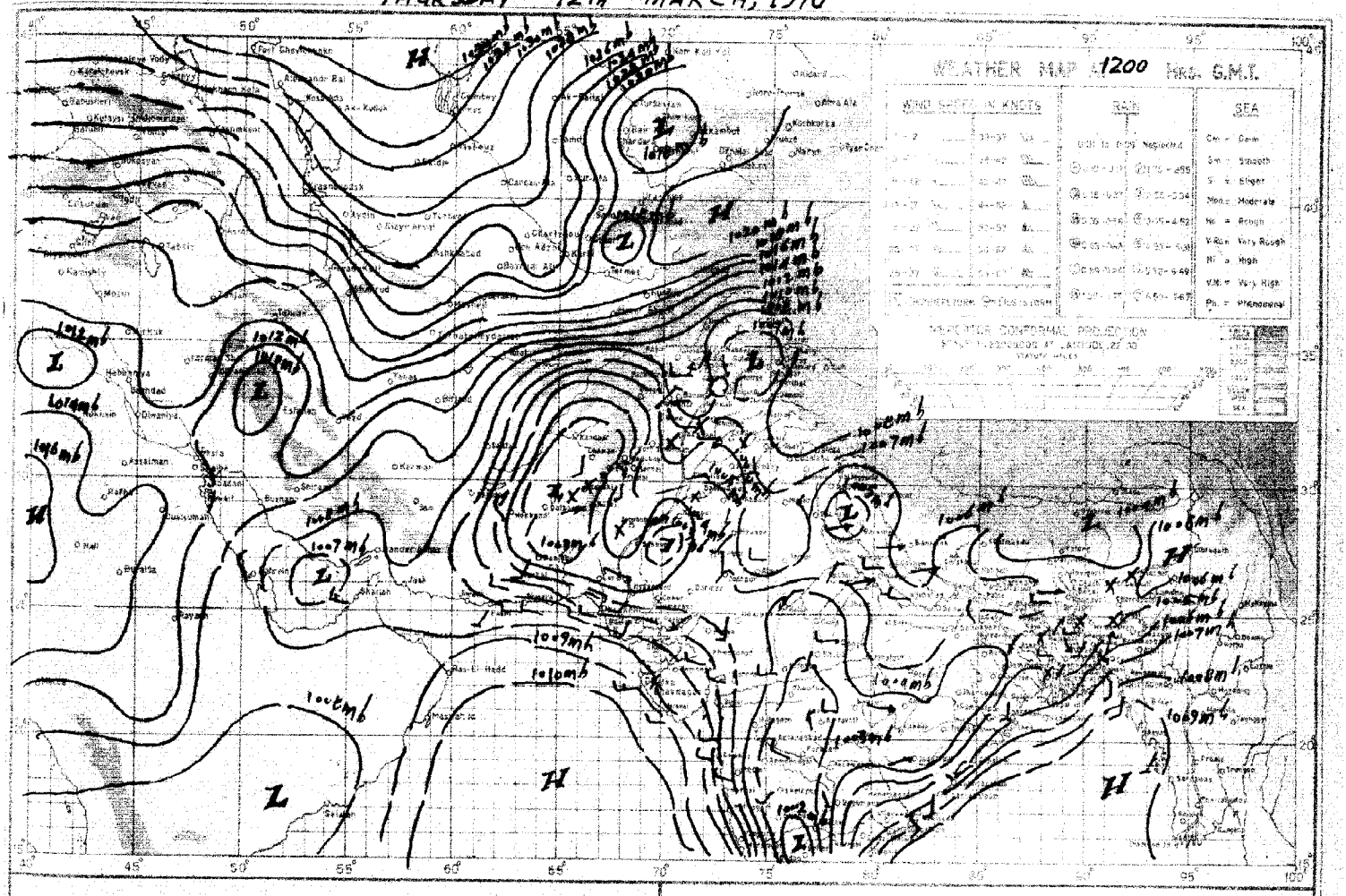
* The actual time of observations may vary within half an hour of the specified time.

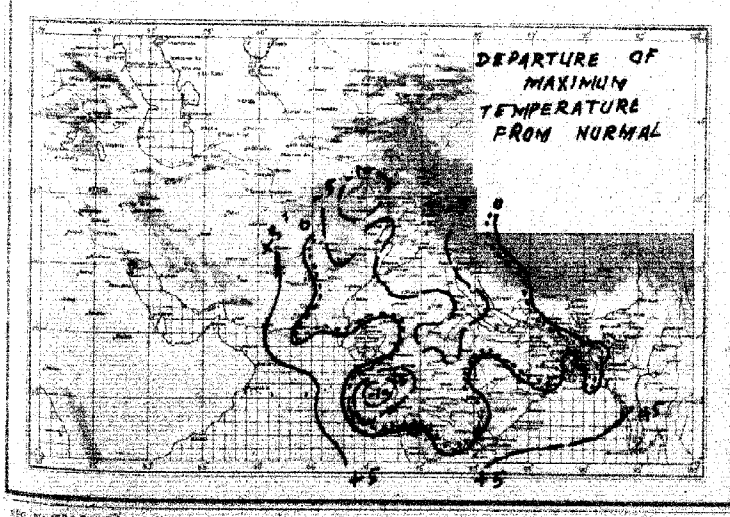
† The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "f" omitted. [illegible]

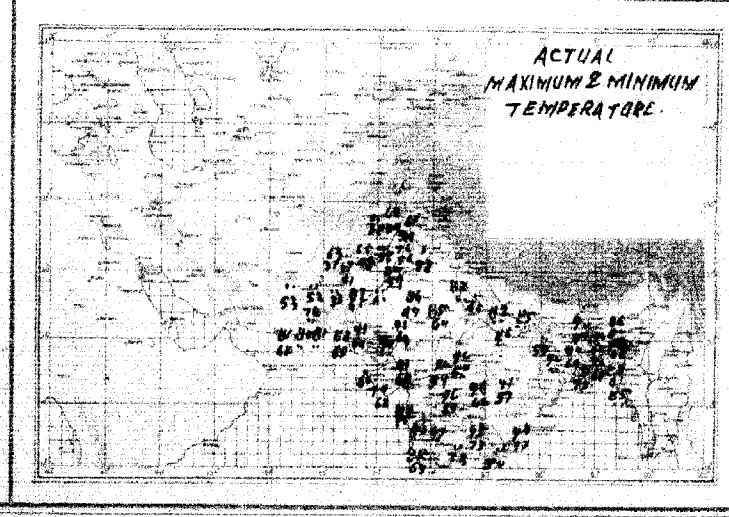
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre [illegible] KARACHI—[illegible]

# PAKISTAN DAILY WEATHER MAP

THURSDAY 12TH MARCH, 1970

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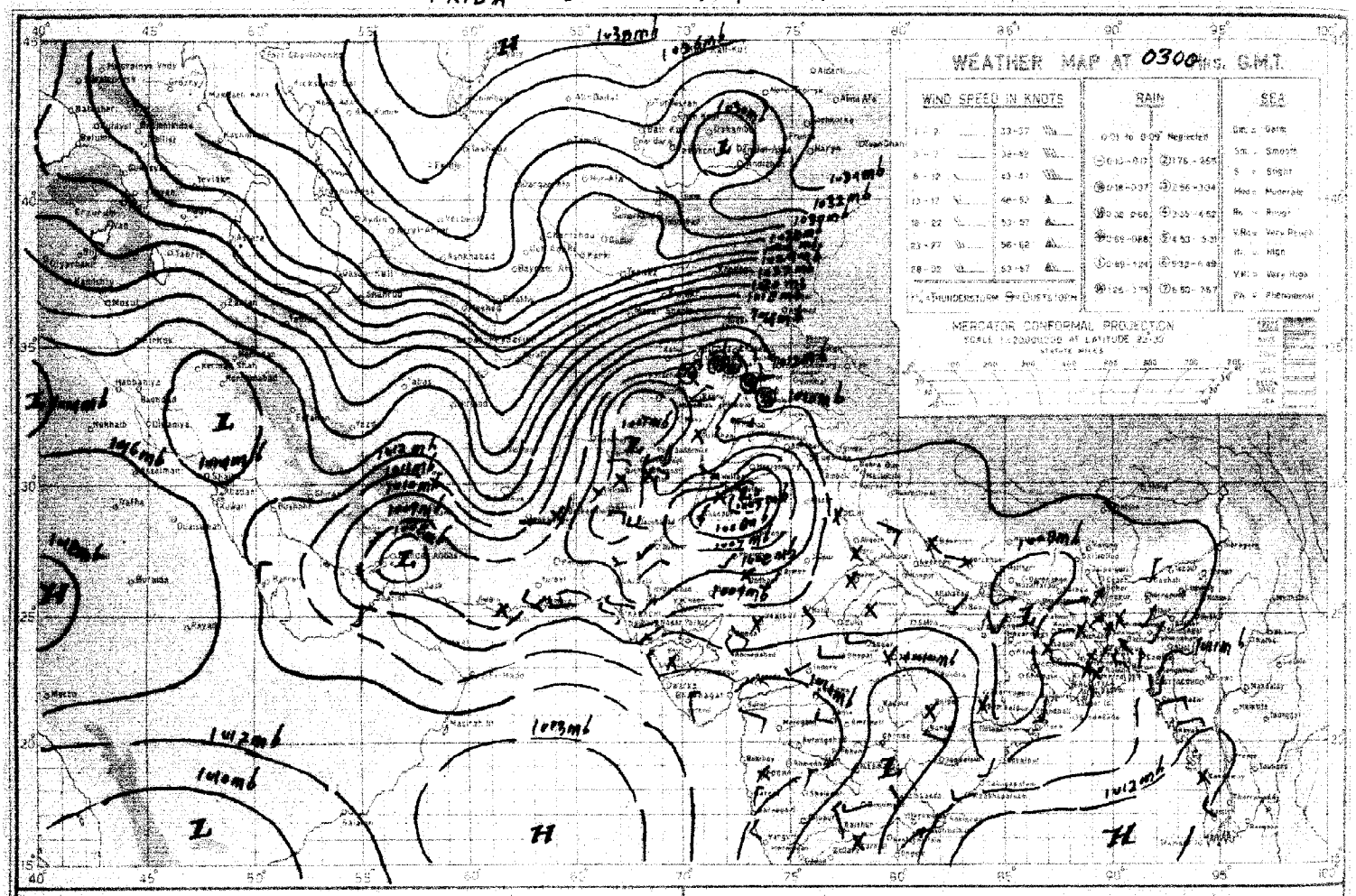
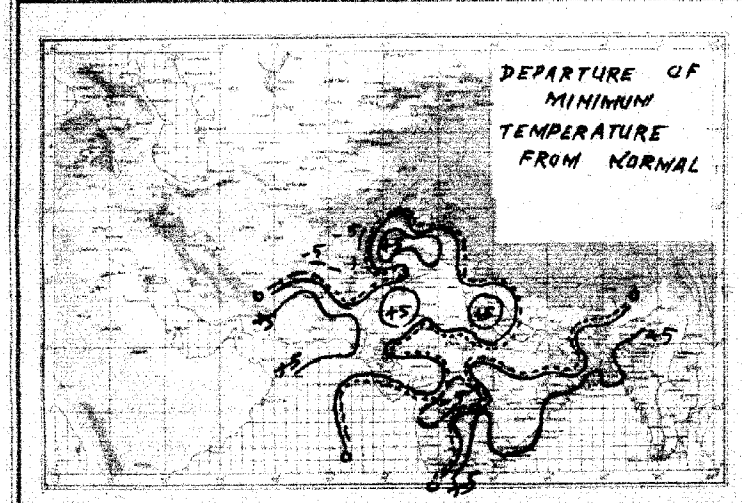
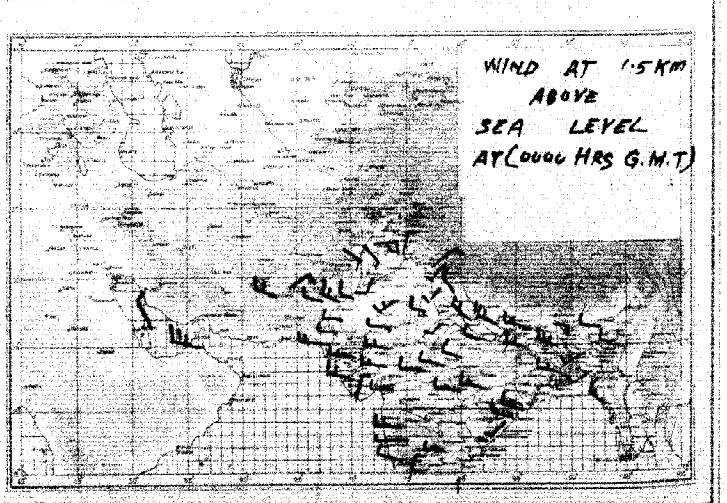
# PAKISTAN DAILY WEATHER MAP

FRIDA 13TH MARCH. 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SATURDAY THE 14th MARCH, 1970.**

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

Yesterday's secondary western disturbance over East Rajasthan moved away.

The western disturbance over East Iran is now moving across the central divisions of west Pakistan and adjoining areas.

Rain/thundershowers have been fairly widespread in Malakand division, local in Rawalpindi division and scattered in Peshawar, Quetta, Kalat and Khairpur divisions. A few thunderstorms have also been reported from Bahawalpur division.

The trough of low pressure over west Bengal and adjoining East Pakistan persists. A few thunderstorms/light showers have occurred in Chittagong and Rajshahi divisions. Weather remained dry elsewher over the country.

Chief amounts of rainfall are Chakdara ½" and Jhelum, Islamabad, Rawalpindi, Drosh, Peshawar, Dalbandin ¼" each.

Night temperatures were 3—8 °F (2—4 °C) above norma lin East Pakistan and in Quetta. Karachi and Hyderabad divisions and were 3—5 °F (2—3 °C) below normal in Bahawalpur and Peshawar divisions.

**Forecast valid until the evening of 15th March 1970 :**—Rain/thundershowers are likely to be fairly widespread in Quetta, D. I. Khan, Peshawar, Malakand, Rawalpindi divisions and Kashmir, local in Sargodha, Lahore, Multan, Bahawalpur divisions and scattered elsewhere over the country.

Karachi-11
The 14th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Heights of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | | | | | | | | | | | | | | | | | |
| | Cox's Bazar | 000 | 0 | 0 | 21 | 06 | 95 | 02 | 0 | 075 | 80 | 0 | 0 | 9 | 0 | 0 | 72 | 86 |
| | Chittagong | 007 | 9 | 4 | 23 | 06 | 96 | 02 | 9 | 079 | 80 | 4 | 3 | 4 | 8 | 0 | 73 | 84 |
| | Maijdee Court | 000 | 9 | 0 | 18 | 05 | 97 | 00 | 0 | 066 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 85 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 058 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 83 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 051 | 82 | 0 | 0 | 9 | 0 | 0 | 64 | 91 |
| | Sylhet | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 045 | 82 | 0 | 0 | 9 | 0 | 0 | 56 | 87 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 052 | 85 | 0 | 0 | 9 | 0 | 0 | 59 | 90 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 054 | 85 | 0 | 0 | 9 | 0 | 0 | 64 | 85 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 050 | 87 | 0 | 0 | 9 | 0 | 0 | 54 | 93 |
| | Faridpur | 000 | 0 | 0 | 20 | 05 | 97 | 00 | 0 | 088 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 91 |
| Khulna | Barisal | 000 | 0 | 4 | 23 | 05 | 97 | 02 | 1 | 063 | 82 | 4 | 4 | 9 | 0 | 0 | 73 | 90 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 047 | 86 | 0 | 0 | 9 | 0 | 0 | 82 | 91 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 057 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 91 |
| | Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rajshahi | Pabna | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 041 | 85 | 0 | 0 | 9 | 0 | 0 | // | 91 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 043 | 87 | 0 | 0 | 9 | 0 | 0 | 47 | 90 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 047 | 85 | 0 | 0 | 9 | 0 | 0 | 59 | 95 |
| | Bogra | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 039 | 86 | 0 | 0 | 9 | 0 | 0 | // | 90 |
| | Dinajpur | 000 | 0 | 0 | 07 | 05 | 96 | 00 | 0 | 036 | 85 | 0 | 0 | 9 | 0 | 0 | 45 | 87 |
| | Rangpur | 000 | 0 | 3 | 27 | 02 | 96 | 03 | 0 | 073 | 72 | 3 | 0 | 9 | 1 | 0 | 64 | 90 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 05 | 03 | 96 | 03 | 0 | 005 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 76 |
| | Sialkot | 005 | 0 | 0 | 20 | 00 | 98 | 60 | 0 | 130 | 68 | 0 | 0 | 9 | 0 | 0 | 32 | // |
| Rawalpindi | Jhelum | 023 | 3 | 6 | 36 | 05 | 97 | 02 | 6 | 077 | 64 | 2 | 5 | 6 | 7 | 0 | 50 | 67 |
| | Islamabad | 016 | 9 | 7 | 00 | 00 | 96 | 03 | 6 | /// | 58 | 3 | 4 | 5 | 4 | 1 | 19 | 70 |
| | Rawalpindi | /// | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 098 | 74 | 0 | 0 | 9 | 0 | 0 | 49 | 82 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 3 | 36 | // | 97 | 01 | 2 | 072 | 70 | 1 | 0 | 9 | 0 | 3 | 60 | 70 |
| | Sargodha | 000 | 0 | 0 | 05 | 10 | 96 | 04 | 0 | 074 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 72 |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 057 | 70 | 0 | 0 | 9 | 0 | 0 | 30 | 73 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 1 | 05 | 03 | 97 | 03 | 0 | 047 | 80 | 1 | 0 | 9 | 3 | 0 | 49 | 80 |
| | Leiah | 000 | 0 | 0 | 36 | 01 | 94 | 00 | 0 | 075 | 82 | 0 | 0 | 9 | 0 | 0 | 47 | // |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 091 | 78 | 0 | 0 | 9 | 0 | 0 | 41 | 80 |
| | Fort Abbas | /// | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 046 | 82 | 0 | 0 | 9 | 0 | 0 | 47 | 85 |
| Malakand | Chakdara | 045 | 8 | 5 | 23 | 02 | 97 | 03 | 6 | 076 | 58 | 5 | 1 | 7 | 0 | 0 | 45 | 59 |
| Peshawar | Peshawar | 012 | 4 | 7 | 08 | 00 | 96 | 61 | 9 | 095 | 59 | 5 | 1 | 4 | 2 | / | 58 | 64 |
| | Haripur | 016 | 8 | 8 | 36 | 02 | 96 | 60 | 6 | 103 | 50 | 8 | 5 | 6 | 0 | 0 | 41 | 56 |
| D. I. Khan | Bannu | 000 | 0 | 5 | 09 | 02 | 99 | 02 | 2 | 066 | 70 | 5 | 2 | 7 | 0 | 0 | 51 | 78 |
| | D. I. Khan | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 050 | 78 | 0 | 0 | 9 | 0 | 0 | 72 | 78 |
| Quetta | Sibi | 000 | 0 | 0 | 15 | 03 | 97 | 02 | 0 | 049 | 88 | 0 | 0 | 9 | 0 | 0 | 48 | 90 |
| | Nokkundi | 000 | 0 | 3 | 13 | 07 | 96 | 02 | 0 | 062 | 75 | 3 | 7 | 6 | 0 | 0 | 48 | 77 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 06 | 98 | 00 | 0 | 101 | 75 | 0 | 0 | 9 | 0 | 0 | 58 | 75 |
| | Jiwani | 000 | 0 | 4 | 17 | 12 | 96 | 02 | 1 | 067 | 79 | 4 | 6 | 5 | 0 | 0 | 69 | 81 |
| | Pasni | 000 | 0 | 4 | 25 | 20 | 97 | 02 | 0 | 073 | 80 | 4 | 0 | 9 | 0 | 0 | 71 | 84 |
| Karachi division | Ormara | 000 | 0 | 2 | 25 | 12 | 96 | 02 | 2 | 082 | 80 | 1 | 6 | 6 | 3 | 0 | 68 | 81 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 5 | 27 | 05 | 97 | 03 | 0 | 073 | 77 | 0 | 0 | 9 | 0 | 7 | 71 | 88 |
| | Karachi (Airport) | 000 | 0 | 3 | 27 | 09 | 96 | 03 | 0 | 071 | 78 | 2 | 6 | 5 | 0 | 1 | 68 | 83 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 0 | 9 | 0 | 0 | 63 | 92 |
| | Chhor | 000 | 0 | 4 | 27 | 02 | 96 | 03 | 0 | 048 | 90 | 4 | 1 | 6 | 0 | 0 | 52 | 91 |
| | Hyderabad | 000 | 0 | 0 | 23 | 10 | 97 | 01 | 0 | 059 | 90 | 0 | 0 | 9 | 0 | 0 | 65 | 93 |
| | Badin | 000 | 0 | 0 | 23 | 10 | 97 | 02 | 0 | 072 | 91 | 0 | 0 | 9 | 0 | 0 | 56 | 92 |
| Khairpur | Padidan | 000 | 2 | 6 | 09 | 03 | 97 | 03 | 5 | 036 | 88 | 3 | 4 | 7 | 3 | 0 | 52 | 91 |
| | Nawabshah | 000 | 0 | 3 | 18 | 03 | 96 | 01 | 0 | 039 | 93 | 3 | 5 | 9 | 0 | 0 | 65 | 93 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 94 | 02 | 0 | 062 | 90 | 0 | 0 | 9 | 0 | 0 | 54 | 91 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 5 | 27 | 02 | 96 | 03 | 1 | 046 | 87 | 5 | 7 | 5 | 0 | 0 | 57 | 89 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | ... | | | | | | | | ... | ... | — | — | ... | — | ... | ... | ... |
| Peshawar | Cherat * | 000 | 0 | 8 | 00 | 00 | 97 | 96 | 8 | 457 | 43 | 8 | 7 | 6 | / | / | 43 | 47 |
| | Kakul * | 051 | 6 | 8 | 34 | 02 | 97 | 62 | 6 | 455 | 45 | 0 | 7 | 5 | / | / | 45 | 47 |
| | Landikotal * | 0?0 | 6 | 8 | 05 | 05 | 98 | 03 | 3 | 624 | 49 | 8 | 7 | 6 | / | / | 50 | 11 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 97 | 03 | 0 | 531 | 60 | 0 | 0 | 9 | 0 | 0 | 50 | 40 |
| | Wana * | 000 | 0 | 6 | 33 | 04 | 39 | 03 | 0 | 418 | 63 | 6 | 2 | 8 | 0 | 0 | 51 | 64 |
| Quetta | Fort Sandeman * | 000 | 0 | 5 | 29 | 14 | 97 | 03 | 1 | 434 | 56 | 5 | 4 | 7 | 0 | 0 | 39 | 47 |
| | Hindubagh * | 000 | 0 | 8 | 20 | 13 | 97 | 02 | 0 | /// | 53 | 0 | 0 | 9 | 0 | 0 | 46 | 54 |
| | Loralai * | 000 | 0 | 8 | 37 | 04 | 97 | 01 | 0 | 490 | 58 | 0 | 1 | 9 | 8 | 8 | 47 | 60 |
| | Barkhan * | 000 | 0 | 8 | 05 | 95 | 97 | 03 | 3 | 444 | 45 | 8 | 7 | 7 | 0 | 0 | 39 | 43 |
| | Harnai * | 000 | 0 | 4 | 31 | 11 | 96 | 03 | 0 | 431 | 70 | 0 | 8 | 9 | 0 | 4 | 37 | 74 |
| | Samungli (Quetta) * | 005 | 2 | 6 | 00 | 00 | 97 | 01 | 6 | 465 | 52 | 3 | 4 | 6 | 3 | 0 | 40 | 55 |
| | Chaman * | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 470 | 57 | 0 | 0 | 9 | 0 | 0 | 45 | 63 |
| | Nushki * | 000 | 0 | 3 | 31 | 03 | 97 | 03 | 0 | 311 | 61 | 0 | 0 | 9 | 0 | 0 | 37 | 47 |
| | Dalbandin * | 000 | 0 | 6 | 05 | 08 | 97 | 03 | 9 | 484 | 62 | 6 | 5 | 6 | 0 | 0 | 49 | 47 |
| Kalat | Kalat * | 000 | 6 | 7 | 31 | 02 | 96 | 00 | 2 | 464 | 48 | 7 | 5 | 9 | / | / | 43 | 57 |
| | Khuzdar * | 000 | 0 | 2 | 28 | 05 | 97 | 01 | 0 | 437 | 71 | 2 | 5 | 6 | 0 | 0 | 30 | 72 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | | | | | | | | | | | | | | | | | |
| | Cox's Bazar | 300 | 0 | 4 | 33 | 08 | 95 | 02 | 0 | 118 | 82 | 2 | 3 | 5 | 1 | 0 | 73 | 73 |
| | Chittagong | 000 | 0 | 4 | 18 | 05 | 96 | 03 | 1 | 119 | 82 | 4 | 8 | 4 | 0 | 0 | 76 | 73 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 000 | 0 | 3 | 18 | 05 | 94 | 03 | 0 | 118 | 79 | 3 | 4 | 7 | 0 | 0 | 75 | 73 |
| | Brahmanbaria | 000 | 0 | 5 | 09 | 03 | 96 | 02 | 0 | 100 | 79 | 4 | 5 | 5 | 3 | 0 | 79 | 65 |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 107 | 81 | 0 | 0 | 9 | 0 | 0 | 64 | 64 |
| | Narayanganj | 000 | 0 | 6 | 23 | 02 | 97 | 02 | 1 | 108 | 80 | 5 | 6 | 6 | 3 | 1 | 73 | 73 |
| | Dacca (Tejgaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Faridpur | 000 | 0 | 2 | 20 | 02 | 97 | 01 | 6 | 126 | 81 | 2 | 4 | 6 | 0 | 0 | 73 | 73 |
| Khulna | Barisal | 000 | 0 | 6 | 27 | 08 | 96 | 02 | 2 | 106 | 81 | 1 | 9 | 4 | 0 | 0 | 75 | 73 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 112 | 82 | 0 | 0 | | 0 | 0 | 73 | 75 |
| | Satkhira | 010 | 0 | 4 | 23 | 06 | 97 | 00 | 0 | 107 | 81 | 2 | 2 | 7 | 0 | 0 | 75 | 73 |
| | Jessore | 000 | 0 | 0 | 24 | 05 | 97 | 02 | 0 | 102 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 73 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 098 | 82 | 0 | 0 | 9 | 0 | 0 | 62 | 65 |
| | Sirajganj | 000 | 0 | 0 | 18 | 09 | 98 | 00 | 0 | 099 | 82 | 0 | 0 | 9 | 0 | 0 | 65 | 68 |
| | Rajshahi | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 102 | 79 | 0 | 0 | 9 | 0 | 0 | 60 | 65 |
| | Bogra | 000 | 0 | 0 | 21 | 05 | 96 | 03 | 0 | 080 | 82 | 0 | 0 | 9 | 0 | 0 | 51 | 64 |
| | Dinajpur | 000 | 0 | 0 | 21 | 03 | 94 | 00 | 0 | 025 | 82 | 0 | 0 | 9 | 0 | 0 | 51 | 62 |
| | Rangpur | 000 | 0 | 2 | 27 | 02 | 96 | 03 | 0 | 115 | 75 | 2 | 0 | 9 | 1 | 0 | 64 | 68 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | ... | | ... | ... | | | | | | | | | | | | | |
| | Sialkot | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 083 | 60 | 0 | 0 | 9 | 0 | 0 | 49 | // |
| Rawalpindi | Jhelum | 023 | 3 | 6 | 00 | 00 | 97 | 02 | / | 124 | 56 | 2 | 2 | 9 | 3 | / | 50 | 51 |
| | Islamabad | 009 | 9 | 6 | 00 | 00 | 97 | 03 | 6 | /// | 56 | 3 | 6 | 6 | 4 | 0 | 47 | 49 |
| | Rawalpindi | 020 | 9 | 3 | 23 | 02 | 98 | 00 | 1 | 137 | 51 | 3 | 0 | 9 | 3 | 0 | 49 | 49 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 080 | 0 | 5 | 00 | // | 97 | 02 | 2 | 112 | 56 | 2 | 5 | 8 | 4 | 0 | 56 | 54 |
| | Sargodha | 000 | 0 | 7 | 31 | 01 | 96 | 04 | 0 | 120 | 52 | 4 | 8 | 6 | 0 | 1 | 51 | 54 |
| | Lyallpur | 000 | 1 | 5 | 36 | 02 | 95 | 02 | 3 | 101 | 56 | 5 | 4 | 7 | 0 | 0 | 50 | 54 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | ... | | | ... | | ... | | | | ... | | | | | | | |
| | Leiah | 000 | 0 | 0 | 36 | 00 | 92 | 00 | 0 | 094 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 58 |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | |
| | Bahawalpur | 000 | 0 | 0 | 08 | 00 | 94 | 00 | 0 | 093 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 59 |
| | Fort Abbas | 000 | 0 | 2 | 27 | 02 | 98 | 01 | 9 | 207 | 85 | 0 | 0 | 8 | 0 | 0 | 56 | // |
| Malakand | Chakdara | 045 | 0 | 3 | 05 | 05 | 98 | 03 | 0 | 125 | 50 | 3 | 0 | 9 | 3 | 0 | 45 | 45 |
| Peshawar | Peshawar | 018 | 0 | 6 | 18 | 03 | 98 | 03 | 1 | 041 | 54 | 1 | 6 | 4 | 3 | 1 | 51 | 49 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 130 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | 45 |
| D. I. Khan | Bannu | 000 | 0 | 5 | 02 | 01 | 98 | 03 | 1 | 121 | 54 | 0 | 0 | 9 | 6 | 0 | 49 | 51 |
| | D. I. Khan | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 105 | 60 | 0 | 0 | 9 | 4 | 0 | 51 | 58 |
| Quetta | Sibi | 000 | 0 | 6 | 36 | 03 | 96 | 03 | 0 | 096 | 64 | 4 | 2 | 9 | 4 | 2 | 62 | 61 |
| | Nokkundi | 000 | 0 | 2 | 30 | 05 | 96 | 01 | 0 | 116 | 50 | 2 | 6 | 9 | 0 | 0 | 34 | 48 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 131 | 67 | 0 | 0 | 9 | 0 | 0 | 44 | 44 |
| | Jiwani | 000 | 0 | 0 | 37 | 16 | 96 | 02 | 1 | 102 | 72 | 0 | 0 | 9 | 0 | 0 | 61 | 69 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 108 | 67 | 0 | 0 | 9 | 0 | 0 | 64 | 41 |
| Karachi division | Ormara | 000 | 0 | 2 | 25 | 10 | 96 | 01 | 1 | 104 | 74 | 1 | 6 | 6 | 3 | 0 | 69 | 62 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 3 | 21 | 05 | 96 | 03 | 0 | 097 | 75 | 3 | 6 | 4 | 0 | 0 | 72 | 74 |
| | Karachi (Airport) | 000 | 0 | 5 | 27 | 03 | 96 | 03 | 1 | 109 | 75 | 5 | 6 | 5 | 0 | 0 | 70 | 67 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 07 | 02 | 0 | 112 | 73 | 6 | 6 | 6 | 0 | 0 | 65 | 73 |
| | Chhor | 000 | 0 | 2 | 29 | 09 | 96 | 01 | 1 | 098 | 71 | 1 | 5 | 6 | 3 | 0 | 66 | 68 |
| | Hyderabad | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 100 | 75 | 0 | 0 | 9 | 0 | 0 | 60 | 70 |
| | Badin | 000 | 0 | 0 | 00 | 06 | 97 | 00 | 0 | 102 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 70 |
| Khairpur | Padidan | 013 | 9 | 1 | 18 | 03 | 97 | 01 | 9 | 093 | 64 | 1 | 0 | 9 | 3 | 0 | 66 | 59 |
| | Nawabshah | 000 | 0 | 1 | 18 | 03 | 96 | 03 | 9 | 104 | 67 | 1 | 0 | 9 | 3 | 0 | 64 | 61 |
| | Sukkur | 004 | 0 | 0 | 13 | 00 | 95 | 05 | 4 | 098 | 70 | 0 | 0 | 9 | 0 | 0 | 69 | 63 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 020 | 0 | 7 | 00 | 00 | 97 | 03 | 2 | 494 | 41 | 5 | 8 | 6 | 6 | 0 | 36 | 40 |
| Peshawar | Cherat * | 005 | 9 | 0 | 34 | 01 | 98 | 02 | 6 | 476 | 45 | 0 | 0 | 9 | 0 | 0 | 43 | 41 |
| | Kakul * | 002 | 0 | 1 | 07 | 03 | 98 | 01 | 1 | 481 | 47 | 0 | 0 | 9 | 0 | 1 | 38 | 51 |
| | Landikotal * | 000 | 0 | 6 | 36 | 02 | 98 | 05 | 9 | 668 | 41 | 6 | / | 4 | / | / | // | 35 |
| | Parachinar * | 004 | 0 | 2 | 00 | 00 | 98 | 01 | 1 | 404 | 41 | 1 | 4 | 7 | 4 | 0 | 38 | 38 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 548 | 57 | 0 | 0 | 9 | 0 | 0 | 47 | 40 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 464 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | 43 |
| Quetta | Fort Sandeman * | 000 | 0 | 3 | 00 | 01 | 97 | 03 | 0 | 471 | 47 | 0 | 0 | 9 | 0 | 3 | 38 | 45 |
| | Hindubagh * | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | /// | 36 | 6 | 2 | 5 | 0 | 0 | 11 | 28 |
| | Loralai * | 000 | 0 | 8 | 08 | 03 | 97 | 01 | 0 | 443 | 47 | 0 | 1 | 9 | 0 | 8 | 38 | 49 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 6 | 31 | 03 | 96 | 02 | 0 | 434 | 56 | 0 | 0 | 7 | 0 | 2 | 44 | 53 |
| | Samungli (Quetta) * | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 409 | 41 | 3 | 6 | 9 | 3 | 0 | 39 | 36 |
| | Chaman * | 000 | 0 | 0 | 09 | 01 | 97 | 02 | 0 | 551 | 46 | 0 | 0 | 9 | 0 | 0 | 44 | 39 |
| | Nushki * | 000 | 0 | 0 | 31 | 03 | 97 | 03 | 0 | 303 | 52 | 4 | 6 | 9 | 3 | 0 | 31 | 52 |
| | Dalbandin * | 019 | 3 | 7 | 05 | 01 | 97 | 80 | 2 | 464 | 50 | 7 | 5 | 6 | / | / | 49 | 50 |
| Kalat | Kalat * | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 2 | 461 | 42 | 0 | 0 | 9 | 0 | 0 | 38 | 35 |
| | Khuzdar * | 014 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 459 | 53 | 0 | 0 | 9 | 0 | 0 | // | 51 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| Divisions (1) | Stations (2) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | | | | | | |
| | Cox's Bazar | 0 | + 7 | 1.0 | — 4.? | 0 3 | 146 |
| | Chittagong | — 1 | + 7 | 1.4 | — 4 0 | 0.6 | 108 |
| | Maijdee Court | — 1 | | | | | 115 |
| | Comilla | 0 | + 7 | 2.2 | — 2 2 | 1.7 | 94 |
| | Brahmanbaria | — | | 2 5 | — 1.2 | 1.2 | 78 |
| | Sylhet | — | | | | | — |
| | Srimangal | | | | | | 98 |
| Dacca | Mymensingh | + 4 | 0 | 1 6 | — 1.2 | 1.4 | 91 |
| | Narayanganj | — 4 | + 7 | 2.9 | — 0.5 | 1.6 | 74 |
| | Dacca (Tejgaon) | — | | | | | — |
| | Faridpur | — | + 8 | 3.6 | — 0.2 | 2.0 | 71 |
| Khulna | Barisal | + 2 | + 5 | 2.2 | — 1.6 | 1.3 | 61 |
| | Khulna | + 1 | + 8 | 4.8 | + 1.4 | 3.4 | 68 |
| | Satkhira | — 1 | + 5 | 3 2 | — 1.0 | 3.0 | 68 |
| | Jessore | | — | 4.7 | + 1.3 | 3.6 | 65 |
| Rajshahi | Pabna | | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | + 2 | + 5 | 2.2 | — 0.1 | 1.9 | 64 |
| | Rajshahi | + 1 | + 2 | 4.5 | + 2.1 | 1.6 | — |
| | Bogra | + 2 | + 2 | 2.7 | + 0.2 | 1.4 | 69 |
| | Dinajpur | — 1 | — 1 | 1.7 | — 0 1 | 0.9 | 72 |
| | Rangpur | + 4 | + 9 | 2 7 | + 0.8 | 1.2 | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | — 6 | | | | | 19 |
| | Sialkot | — | — | 1.8 | — 3 4 | 1 8 | 32 |
| Rawalpindi | Jhelum | — | — | 5.2 | — | 5.2 | — |
| | Islamabad | — | | — | | — | |
| | Rawalpindi | + 9 | 0 | 6.2 | — 1.6 | 6.1 | 36 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | — 9 | — 1 | 1.5 | — 1.1 | 1.5 | 15 |
| | Sargodha | — | — | 1.8 | | 1.6 | — |
| | Lyallpur | — 8 | + 1 | 1 2 | — 0.4 | 0.9 | 12 |
| Multan | Sahiwal | | | | | | 18 |
| | Multan | — 3 | | | | | 7 |
| | Leiah | — | — | 0 0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | | | | | | 6 |
| | Bahawalpur | — 3 | — 5 | 0,2 | — 0.7 | 0.2 | 6 |
| | Fort Abbas | — | — | 0,1 | | 0.1 | 8 |
| Malakand | Chakdara | — | — | 5,2 | — | 3.2 | — |
| Peshawar | Peshawar | — 10 | — 2 | 3 3 | — 1,7 | 2.7 | 11 |
| | Haripur | — | — | 4.6 | — | 3.6 | — |
| D. I. Khan | Bannu | — | — | 1,9 | — | 1.4 | 11 |
| | D. I. Khan | — 3 | + 4 | 7.4 | + 5.4 | 7.4 | 8 |
| Quetta | Sibi | — | — | 0.6 | — | 0.6 | 8 |
| | Nokkundi | — | — | 2.5 | — | 2.5 | 5 |
| Kalat | Turbat | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | — | — | 9.2 | — | 8.3 | 3 |
| | Pasni | 0 | — | 2.5 | — 2.0 | 2.5 | 6 |
| Karachi division | Ormara | — | — | 2.9 | — 1,5 | 2,9 | 6 |
| | Lasbela | | | | | | 8 |
| | Karachi (Manora) | — 2 | + 6 | 1.1 | — 0,3 | 1,1 | 8 |
| | Karachi (Airport) | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | — | — | 0.1 | — | 0 1 | — |
| | Chhor | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | + 3 | + 7 | 1.1 | + 0.4 | 0.1 | 9 |
| | Badin | 0 | + 8 | 0.1 | — 0.8 | 0,1 | — |
| Khairpur | Padidan | — | — | 0.8 | — | 0.9 | — |
| | Nawabshah | — | — | 0.4 | — | 0.3 | 4 |
| | Sukkur | — | — | 0,9 | — | 0 9 | — |
| | Kashmore | | | | | | 4 |
| | Jacobabad | + 1 | | | | | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | **HILL STATIONS** | | | | | | |
| Kashmir | Srinagar * | | | | | | — |
| | Gulmarg ** | | | | | | 71 |
| | Sonamarg ** | | | | | | 36 |
| | Dras ** | | | | | | 3 |
| | Leh ** | | | | | | 6 |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | — |
| | Aliabad * | | | | | | 3 |
| | Gilgit * | | | | | | 09 |
| Rawalpindi | Murree * | | | | | | 18 |
| Malakand | Drosh * | | + 1 | 4 0 | — | 5.4 | 29 |
| Peshawar | Cherat * | — 12 | — 5 | 5 0 | — 4.7 | 4.3 | — |
| | Kakul * | — | — | 1.2 | — | 10'1 | — |
| | Landikotal * | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar * | — | + 1 | 5.5 | — | 4.9 | 18 |
| D.I. Khan | Miranshah * | — | — | 0.1 | — 4.0 | 0 1 | 11 |
| | Wana * | — | — | 0.7 | — | 3.7 | 13 |
| Quetta | Fort Sandeman * | — 4 | + 2 | 2.4 | — 8.9 | 2 4 | — |
| | Hindubagh * | — | — | 1.6 | — | 1.4 | 9 |
| | Loralai * | — | — | 1.8 | — | 1.7 | — |
| | Barkhan * | — | | | | | 14 |
| | Harnai * | — | — | 2.6 | — 1.5 | 2.6 | 9 |
| | Samungli (Quetta) * | — | — | 3.1 | — 3.0 | 2 6 | 9 |
| | Chaman * | — 3 | — 6 | 7.7 | + 2.0 | 7.7 | — |
| | Nushki * | — | — | 3.4 | — | 3.4 | 4 |
| | Dalbandin * | — 9 | + 5 | 3 0 | + 0.3 | 3.0 | 7 |
| Kalat | Kalat * | — 4 | — 1 | 3.0 | — 5,3 | 3 0 | — |
| | Khuzdar * | — | — | 2.9 | — | 2.8 | 8 |
| | Panjgur * | | | | | | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 14th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$ a PP | $7RRt_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ d | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Dumra ... ... | 99 2 44 | 10 6 47 | 13 0 03 | 32 6 12 | 98 0 11 | 09 0 24 | 34 5 // | 17 4 00 | | | 05 8 22 | | 30 2 02 | |
| Dumra ... ... | 99 2 46 | 10 6 60 | 13 1 03 | 02 6 12 | 99 0 12 | 09 1 25 | 00 9 00 | 17 4 00 | | | 05 0 21 | ... | 30 2 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 004 282 15 | ... | 450 144 56 | 077 026 60 | 574 081 63 | 744 151 65 | 955 323 65 | 229 535 // | 408 665 // | 645 821 // | ... | ... | ... |
| Dacca ... | 00 00 | ... | | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | |
| Multan ... | 00 00 | 995 120 30 | ... | 400 126 57 | 048 011 30 | 562 275 // | 715 471 // | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 969 000 00 | ... | 400 090 00 | 026 015 15 | 558 171 25 | 721 281 // | 923 403 // | 190 463 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 816 082 24 | ... | ... | 032 083 40 | 565 157 // | 732 200 // | 948 365 // | 217 457 // | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 988 104 58 | ... | 350 070 45 | 905 035 30 | 548 215 // | 709 311 // | 902 431 // | 176 531 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 164 24 | 800 110 59 | 600 015 63 | 350 225 69 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | At 1200 hrs. G.M.T.† of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 210 15 | 215 13 | 240 13 | 260 19 | 280 19 | ... | ... | ... | ... |
| Bogra ... | 230 15 | 235 15 | 235 15 | 245 17 | 255 23 | 270 38 | ... | ... | ... |
| Chaklala ... | ... | 120 13 | 095 12 | 105 15 | 135 16 | ... | ... | ... | ... |
| Chhor | 250 10 | 255 08 | 265 13 | 250 27 | 265 21 | 270 25 | ... | ... | ... |
| Chittagong ... | 215 17 | 225 15 | 230 14 | 250 17 | 270 19 | 270 36 | 270 35 | 240 43 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 220 08 | 230 09 | 235 10 | 240 10 | 245 10 | 310 10 | 300 14 | ... | ... |
| Dacca ... | 255 15 | 255 20 | 250 21 | 250 20 | 250 19 | 250 23 | 285 51 | 285 53 | 285 58 |
| Dalbandin ... | | | 070 12 | 085 11 | 210 08 | | | | |
| D. I. Khan ... | 080 12 | 080 12 | 085 09 | 110 04 | 265 06 | 270 16 | 270 29 | 275 27 | 275 42 |
| Drosh ... | | | ... | | ... | ... | | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 295 16 | 285 17 | 255 19 | 245 29 | ... | ... |
| Gilgit ... | | | ... | | | ... | ... | ... | ... |
| Ishurdi ... | 265 15 | 270 15 | 275 19 | 290 35 | 305 39 | ... | ... | ... | ... |
| Jacobabad ... | 330 08 | 265 06 | 265 07 | 260 08 | 270 13 | 270 35 | 275 51 | ... | ... |
| Jessore ... | | | ... | | | ... | | ... | ... |
| Jhelum ... | 045 09 | 080 15 | 100 10 | 165 18 | 190 09 | 245 17 | 255 25 | 255 28 | 260 32 |
| Jiwani ... | 305 12 | 315 06 | 260 10 | 250 21 | 255 20 | ... | ... | ... | ... |
| Karachi ... | 260 09 | 260 11 | 260 12 | 270 16 | 270 23 | 280 32 | 260 37 | ... | ... |
| Khanpur ... | 285 35 | 270 54 | 275 05 | 310 03 | 330 08 | 320 03 | 285 13 | 265 16 | 260 18 |
| Khuzdar ... | | | | 280 12 | 380 18 | 270 19 | | | |
| Lahore ... | 065 09 | 085 13 | 095 11 | 170 11 | 315 11 | 325 21 | 240 21 | 250 29 | ... |
| Multan ... | 050 07 | 050 07 | 080 06 | 270 10 | 260 27 | 265 41 | 265 37 | /// // | 260 39 |
| Nawab Shah ... | 230 07 | 235 08 | 235 10 | 245 12 | 275 23 | 245 42 | 260 72 | 260 73 | 265 51 |
| Nokkundi ... | ... | ... | 210 09 | 185 04 | 190 07 | 180 11 | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 255 16 | 255 21 | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | /// // | 265 11 | 305 12 | | ... | |
| Sargodha ... | 065 08 | 080 08 | 085 07 | 295 09 | 260 11 | 250 19 | 270 28 | 265 31 | 265 39 |
| Skardu ... | | | | | | | ... | ... | ... |
| Sylhet ... | 290 09 | 260 12 | 260 20 | 265 29 | 230 29 | 250 30 | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 255 15 | 260 17 | 265 18 | 300 19 | ... | ... |
| Bogra ... | 270 13 | 180 74 | 180 17 | 270 36 | 265 39 | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... |
| Chhor | 240 19 | 259 21 | 240 20 | 260 30 | 265 34 | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 085 04 | 085 06 | 070 05 | 125 05 | 135 10 | 145 11 |
| Dacca ... | 250 14 | 270 13 | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | 060 09 | 065 07 | 300 10 | 265 14 |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 125 01 | 205 03 | 235 05 |
| Fort Sandeman ... | ... | ... | ... | 125 08 | 300 05 | 215 11 |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 290 11 | 295 14 | 295 15 | 275 19 | ... | ... |
| Jacobabad ... | 240 10 | 240 09 | 240 07 | 210 07 | 330 09 | ... |
| Jessore ... | 235 12 | 245 11 | 300 16 | 265 11 | 250 16 | 245 21 |
| Jhelum ... | 040 03 | 070 10 | 060 09 | 085 03 | 260 04 | 250 10 |
| Jiwani ... | 235 13 | 265 19 | 285 39 | ... | ... | |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 015 10 | 085 11 | 350 12 | 338 13 | 280 18 | 280 10 |
| Khuzdar ... | | | | 310 14 | 315 06 | 325 15 |
| Lahore ... | 085 07 | 085 06 | 090 06 | 095 06 | 300 03 | 270 03 |
| Multan ... | 060 12 | 040 06 | 096 07 | 145 03 | 165 09 | 240 11 |
| Nawab Shah ... | 245 35 | 245 35 | 270 29 | 275 40 | 265 49 | ... |
| Nokkundi ... | ... | ... | 340 04 | 025 08 | 095 17 | 120 07 |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 270 02 | 060 02 | 050 01 | 275 01 | 275 01 |
| Parachinar ... | No | Ascent | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 045 08 | 055 09 | 055 05 | 090 01 | 015 05 | 250 20 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 175 03 | 220 07 | 245 15 | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

| Height in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 235 04 | 265 04 | 270 06 | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | 245 13 | 250 19 | 250 19 | 280 32 | 275 35 | 270 43 | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 270 04 | 120 08 | 140 11 | 120 09 | 230 07 | ... | ... | ... | ... | ... |
| Chhor | 245 10 | 265 18 | 270 19 | 265 24 | 250 36 | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 180 14 | 205 14 | 210 15 | 225 12 | 245 13 | 255 24 | 270 30 | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 195 10 | 230 09 | 230 07 | 270 07 | 305 05 | 315 11 | 270 20 | 295 22 | 280 19 | 250 20 | ... |
| Dacca ... | 265 03 | 270 06 | 370 11 | 260 20 | 255 27 | 270 39 | 290 53 | 280 58 | 260 58 | ... | ... |
| Dalbandin ... | ... | ... | 085 10 | 125 06 | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 820 05 | 275 08 | 280 15 | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 260 06 | 275 12 | 280 20 | 285 27 | 270 53 | ... | ... | ... | ... | ... | |
| Jacobabad ... | 120 19 | 115 18 | 110 12 | 165 11 | 180 09 | 235 23 | 260 46 | 255 59 | 255 69 | 255 70 | 250 75 |
| Jessore ... | 355 06 | 345 04 | 300 00 | 285 12 | 285 12 | 305 15 | ... | ... | ... | ... | ... |
| Jhelum ... | 315 03 | 055 03 | 120 14 | 150 09 | 120 10 | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 275 16 | 285 22 | 290 30 | 285 30 | 275 35 | 255 49 | 250 52 | ... | ... | ... | ... |
| Karachi ... | 260 14 | 265 15 | 270 14 | | | | | ... | ... | ... | ... |
| Khanpur ... | 215 11 | 205 16 | 200 15 | 115 03 | 160 15 | 155 13 | ... | ... | ... | ... | ... |
| Khuzdar ... | | | | | | | ... | ... | ... | ... | ... |
| Lahore ... | 035 07 | 065 07 | 130 06 | 140 12 | 160 11 | 195 09 | 205 18 | ... | ... | ... | ... |
| Multan ... | | | | | | | ... | ... | ... | ... | ... |
| Nawab Shah ... | 255 06 | 220 07 | 265 06 | 265 07 | 245 07 | 255 06 | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 135 07 | 220 03 | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | | | | | | ... | ... | ... | ... | ... |
| Peshawar ... | | 330 04 | 320 04 | 040 04 | 095 04 | 175 09 | 220 22 | ... | 240 23 | ... | ... |
| Parachinar ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | No | | | | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 065 06 | 085 10 | 080 13 | 055 10 | 180 03 | 225 06 | 240 25 | 230 28 | 245 31 | ... | ... |
| Skardu ... | | | | 220 03 | /// // | | ... | ... | ... | ... | ... |
| Sylhet ... | 255 07 | 215 09 | 230 11 | 235 17 | 260 27 | 255 40 | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 245 15 | 245 14 | 245 14 | 245 17 | 245 17 | 245 17 | 245 19 | 245 21 | 255 49 | 265 74 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 040 12 | 060 06 | 070 10 | 140 03 | 165 09 | 240 11 | 270 19 | 270 53 | | | ... | ... | ... | ... | ... | ... | ... | ... |
| 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.

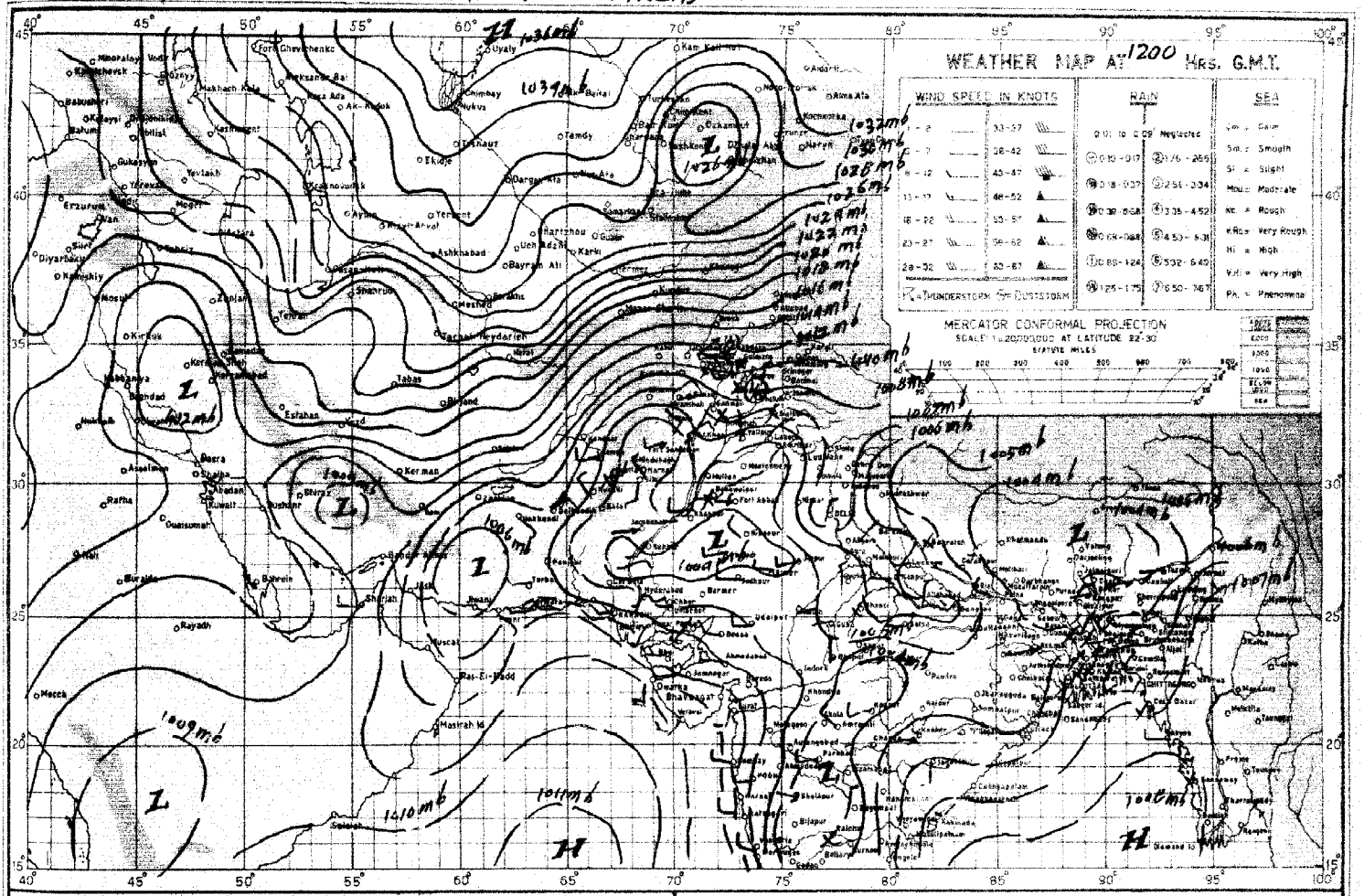
† The actual time of observations may vary within half an hour of the specified time.

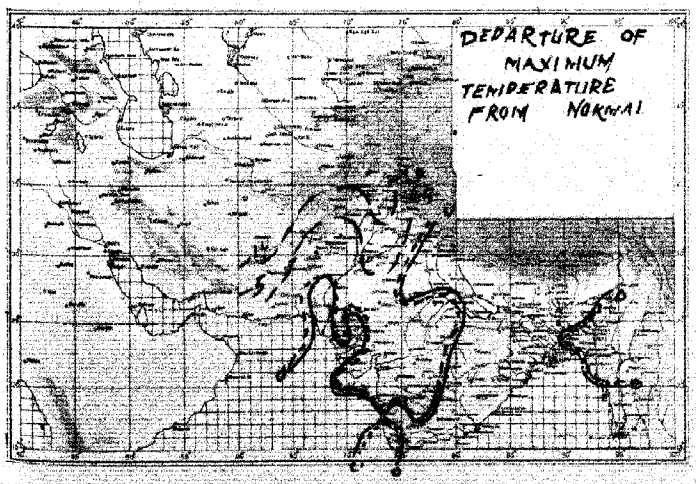
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

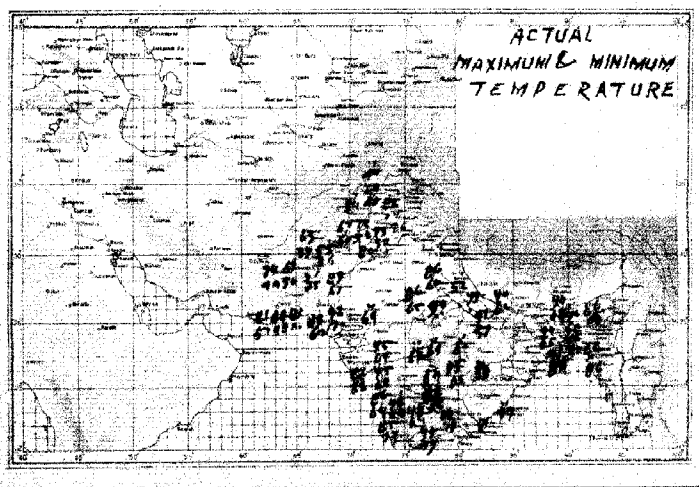
The accuracy of individual entries in this report cannot be guaranteed. Corrections [illegible]. If necessary an application to the Meteorologist, Weather Centre (Air Port) KARACHI—11

# PAKISTAN DAILY WEATHER MAP

FRIDAY 13TH MARCH, 1970



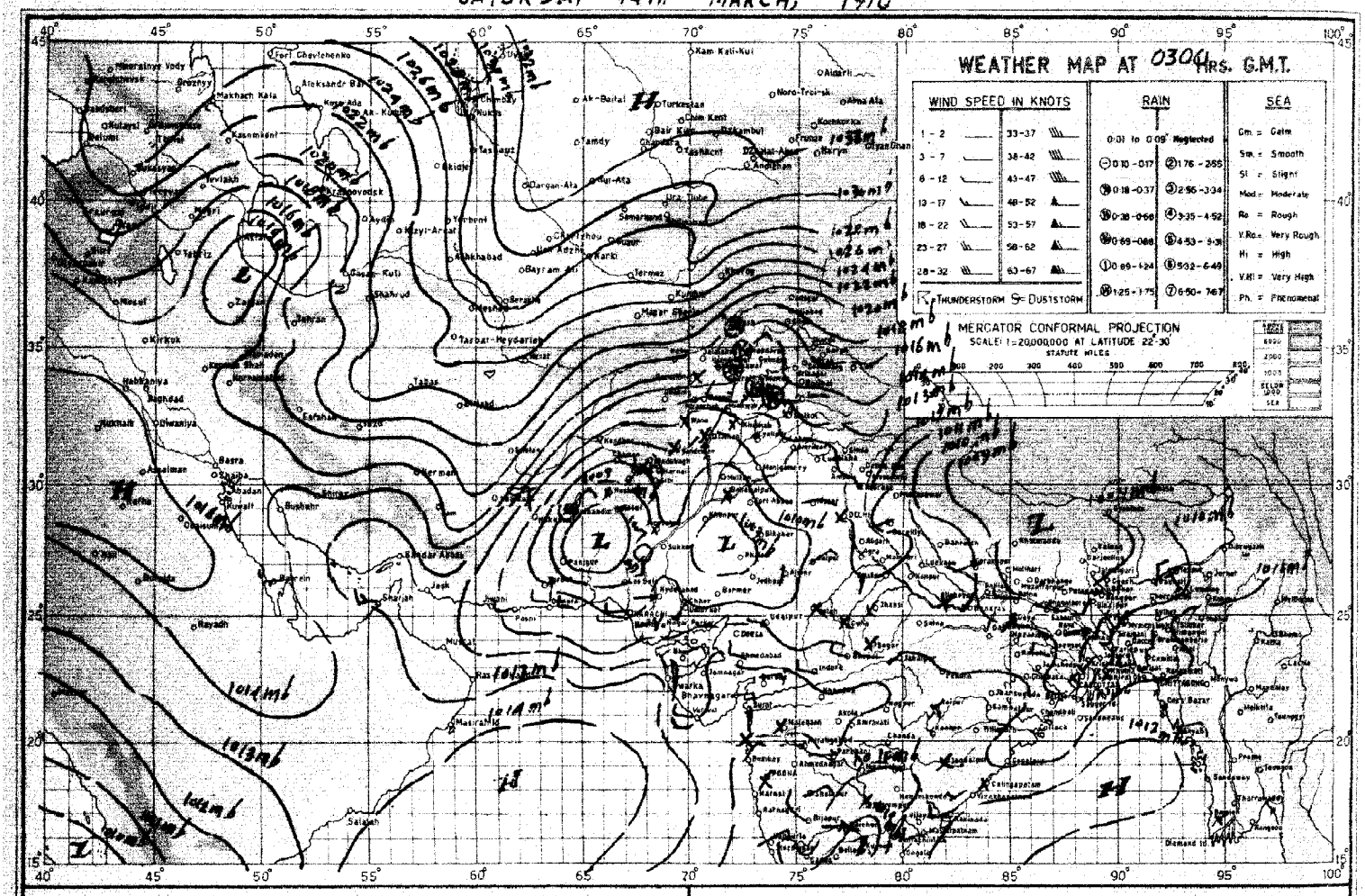



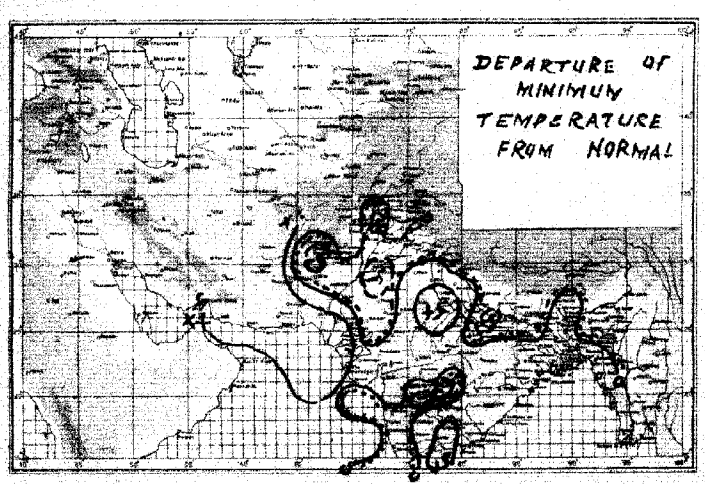



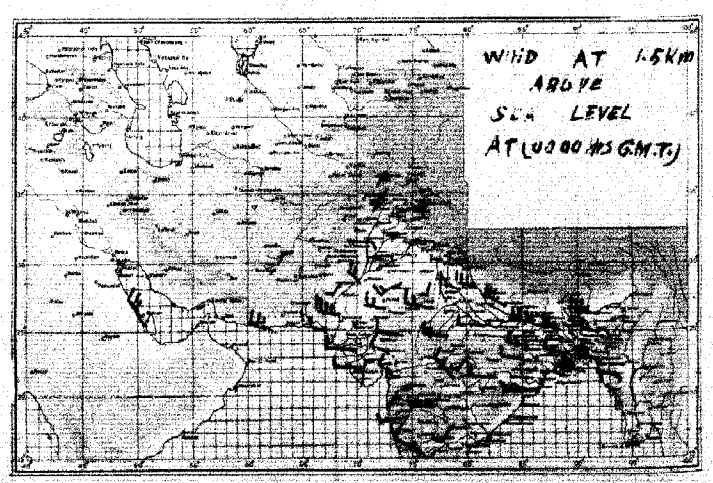

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SATURDAY 14TH MARCH, 1970



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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 15th MARCH, 1970.**

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

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

Rain/thundershowers have been local in Peshawar and Quetta divisions, scattered in Lahore, Rawalpindi and D. I. Khan divisions. A few thunderstorm showers have also been reported from Sargodha, Multan, Bahawalpur and Khairpur divisions.

Trough of low pressure still persists over west Bengal and adjoining East Pakistan.

A few dust/thunderstorm have been reported from Chittagong and Khulna divisions.

Chief amounts of rainfall are Kakul 2", Rawalpindi and Haripur 1½" each, Cherat 1", Peshawar ½" and Fort Sandeman, Quetta and Dalbandin ¼" each.

Night temperatures were 5—10 °F (3—5 °C) above normal in Chittagong, Dacca and Khulna divisions and 3—5 °F (1—3 °C) in Rajshahi, Lahore, Bahawalpur and Hyderabad divisions.

**Forecast valid until the evening of 16th March 1970 :**—Scattered rain/thunderstorm in Peshawar, Rawalpindi, Lahore divisions and East Pakistan. Dry weather elsewhere the country.

Karachi-11
The 15th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati — | 000 | 0 | 6 | 31 | 05 | 96 | 91 | 2 | 090 | 76 | 5 | 3 | 5 | 7 | 1 | 68 | 91 |
| | Cox's Bazar — | 000 | 0 | 0 | 23 | 09 | 97 | 02 | 0 | 058 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 91 |
| | Chittagong — | 000 | 1 | 6 | 20 | 03 | 96 | 17 | 9 | 086 | 82 | 5 | 4 | 9 | 1 | 0 | 76 | 86 |
| | Maijdee Court — | 000 | 9 | 2 | 18 | 02 | 96 | 03 | 0 | 074 | 78 | 2 | 1 | 5 | 0 | 0 | 72 | 88 |
| | Comilla — | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 072 | 78 | 0 | 0 | 9 | 0 | 0 | 78 | 88 |
| | Brahmanbaria — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 057 | 88 | 0 | 0 | 9 | 0 | 0 | 59 | 91 |
| | Sylhet — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 051 | 85 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| | Srimangal — | ... | — | ... | ... | ... | ... | ... | — | ... | ... | — | — | — | ... | ... | ... | ... |
| Dacca | Mymensingh — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 066 | 85 | 0 | 0 | 9 | 0 | 0 | 58 | 90 |
| | Narayanganj — | 000 | 0 | 0 | 31 | 02 | 93 | 00 | 0 | 057 | 90 | 0 | 0 | 9 | 0 | 0 | 76 | 90 |
| | Dacca (Tejgaon) — | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 056 | 90 | 1 | 2 | 6 | 0 | 0 | 51 | 95 |
| | Faridpur — | 000 | 0 | 0 | 34 | 02 | 99 | 00 | 0 | 090 | 50 | 0 | 0 | 9 | 0 | 0 | 55 | 91 |
| Khulna | Barisal — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 065 | 85 | 0 | 0 | 9 | 0 | 0 | 78 | 91 |
| | Satkhira — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 061 | 90 | 0 | 0 | 9 | 0 | 0 | 66 | 91 |
| | Jessore — | 000 | 0 | 0 | 25 | 05 | 97 | 02 | 0 | 058 | 90 | 0 | 0 | 9 | 0 | 0 | 51 | 91 |
| Rajshahi | Pabna — | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | 049 | 90 | 0 | 0 | 9 | 0 | 0 | 51 | 91 |
| | Sirajganj — | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 052 | 90 | 0 | 0 | 9 | 0 | 0 | 49 | 91 |
| | Rajshahi — | 000 | 0 | 0 | 31 | 02 | 94 | 02 | 0 | 051 | 88 | 0 | 0 | 9 | 0 | 0 | 58 | 91 |
| | Bogra — | | | | | | | | | | | | | | | | | |
| | Dinajpur — | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 043 | 84 | 0 | 0 | 9 | 0 | 0 | 49 | 91 |
| | Rangpur — | 000 | 0 | 0 | 27 | 02 | 96 | 01 | 0 | 063 | 74 | 0 | 0 | 9 | 0 | 0 | 62 | 95 |
| Kashmir | Jammu — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) — | 007 | 0 | 8 | 18 | 03 | 96 | 60 | 9 | 104 | 66 | 5 | 6 | 9 | 2 | 0 | 55 | 70 |
| | Sialkot — | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 078 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 76 |
| Rawalpindi | Jhelum — | 000 | 7 | 7 | 13 | 03 | 97 | 02 | 6 | 089 | 72 | 2 | 3 | 9 | 6 | 1 | 58 | 76 |
| | Islamabad — | 000 | 0 | 6 | 31 | 03 | 96 | 03 | 0 | /// | 64 | 4 | 6 | 6 | 7 | 2 | 44 | 66 |
| | Rawalpindi — | 000 | 0 | 6 | 05 | 02 | 98 | 03 | 2 | 093 | 66 | 6 | 4 | 6 | 0 | 0 | 55 | 70 |
| | Campbellpur — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab — | 000 | 0 | 8 | 36 | // | 96 | 02 | 2 | 089 | 70 | 5 | 7 | 8 | 1 | 0 | 60 | 72 |
| | Sargodha — | 002 | 0 | 6 | 13 | 05 | 97 | 21 | 6 | 087 | 70 | 6 | 9 | 6 | 2 | 0 | 59 | 74 |
| | Lyallpur — | 000 | 3 | 5 | 07 | 02 | 95 | 02 | 0 | 082 | 62 | 5 | 4 | 7 | 0 | 0 | 55 | 65 |
| Multan | Sahiwal — | | | | | | | | | | | | | | | | | |
| | Multan — | 000 | 5 | 4 | 05 | 03 | 97 | 01 | 5 | 070 | 74 | 1 | 3 | 6 | 1 | 0 | 50 | 76 |
| | Leiah — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bahawalpur | Khanpur — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 089 | 76 | 0 | 0 | 9 | 0 | 0 | 59 | 76 |
| | Fort Abbas — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 078 | 81 | 0 | 0 | 9 | 0 | 0 | 52 | 81 |
| Malakand | Chakdra — | 000 | 0 | 5 | 23 | 02 | 97 | 03 | 1 | 086 | 70 | 3 | 1 | 7 | 0 | 0 | 49 | 70 |
| Peshawar | Peshawar — | 000 | 0 | 6 | 18 | 02 | 98 | 02 | 0 | 099 | 66 | 2 | 5 | 6 | 3 | 1 | 49 | 70 |
| | Haripur — | 000 | 4 | 5 | 31 | 03 | 97 | 03 | 2 | /// | 65 | 5 | 0 | 9 | 3 | 0 | 48 | 70 |
| D. I. Khan | Bannu — | 000 | 0 | 7 | 27 | 02 | 98 | 61 | 9 | 105 | 60 | 7 | 3 | 6 | 0 | 0 | 55 | 70 |
| | D. I. Khan — | 030 | 6 | 8 | 03 | 00 | 97 | 61 | 6 | 101 | 62 | 5 | 5 | 6 | 2 | 1 | 55 | 65 |
| Quetta | Sibi — | 000 | 0 | 6 | 28 | 03 | 97 | 03 | 1 | 078 | 87 | 4 | 2 | 9 | 4 | 3 | 58 | 88 |
| | Nokkundi — | 000 | 0 | 6 | 31 | 05 | 96 | 03 | 0 | 098 | 25 | 6 | 5 | 6 | 8 | 0 | 37 | 66 |
| Kalat | Turbat — | 000 | 0 | 0 | 27 | 05 | 96 | 00 | 0 | 104 | 85 | 0 | 0 | 9 | 0 | 0 | 29 | 85 |
| | Jiwani — | 000 | 0 | 0 | 37 | 17 | 96 | 02 | 0 | 091 | 79 | 0 | 0 | 9 | 0 | 0 | 48 | 83 |
| | Pasni — | 000 | 0 | 0 | 25 | 30 | 97 | 00 | 7 | 092 | 84 | 0 | 0 | 9 | 0 | 0 | 61 | 84 |
| Karachi division | Ormara — | 000 | 0 | 0 | 25 | 12 | 98 | 02 | 0 | 098 | 81 | 0 | 0 | 9 | 0 | 0 | 58 | 82 |
| | Lasbela — | /// | 0 | 3 | 09 | 01 | 98 | 00 | 0 | 075 | 84 | 0 | 0 | 8 | 0 | 0 | 67 | 87 |
| | Karachi (Manora) — | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) — | 000 | 0 | 0 | 27 | 01 | 96 | 01 | 1 | 086 | 81 | 0 | 0 | 9 | 0 | 0 | 60 | 83 |
| Hyderabad | Nagarparkar — | 000 | 0 | 0 | 28 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 0 | 9 | 0 | 0 | 63 | 92 |
| | Chhor — | 000 | 0 | 5 | 23 | 10 | 94 | 01 | 1 | 068 | 88 | 5 | 4 | 6 | 0 | 0 | 57 | 90 |
| | Hyderabad — | 000 | 0 | 0 | 23 | 05 | 97 | 01 | 1 | 078 | 89 | 0 | 0 | 9 | 0 | 0 | 53 | 91 |
| | Badin — | 000 | 4 | 4 | 28 | 08 | 97 | 03 | 0 | 087 | 90 | 0 | 0 | 9 | 0 | 4 | 50 | 92 |
| Khairpur | Padidan — | 000 | 0 | 2 | 31 | 00 | 96 | 03 | 0 | 059 | 87 | 2 | 1 | 7 | 0 | 0 | 27 | 88 |
| | Nawabshah — | 000 | 0 | 3 | 27 | 10 | 96 | 03 | 1 | 044 | 90 | 1 | 2 | 9 | 3 | 0 | 43 | 92 |
| | Sukkur — | ... | ... | — | ... | ... | ... | ... | ... | — | | ... | — | ... | ... | ... | ... | ... |
| | Kashmore — | | | | | | | | | | | | | | | | | |
| | Jacobabad — | 000 | 0 | 2 | 09 | 13 | 97 | 01 | 1 | 053 | 84 | 2 | 3 | 6 | 0 | 0 | 61 | // |
| Junagadh | Veraval — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Droah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | ... | ... | ... |
| Peshawar | Cherat * | 000 | 0 | 8 | 34 | // | 98 | 02 | 0 | 496 | 51 | 0 | 0 | 9 | 0 | 0 | 44 | 58 |
| | Kakul * | 003 | 4 | 8 | 13 | 09 | 97 | 17 | 9 | 467 | 48 | 6 | 3 | 5 | 3 | / | 37 | 51 |
| | Landikotal * | 000 | 0 | 8 | 36 | 03 | 98 | 03 | 6 | 622 | 51 | 8 | 7 | 6 | / | / | 32 | 61 |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 99 | 00 | 0 | 544 | 65 | 0 | 0 | 9 | 0 | 0 | 44 | 65 |
| | Wana * | 000 | 0 | 4 | 13 | 05 | 99 | 03 | 0 | 446 | 59 | 4 | 2 | 8 | 0 | 0 | 52 | 60 |
| Quetta | Fort Sandeman * | 000 | 8 | 8 | 06 | 09 | 96 | 29 | 9 | 441 | 53 | 6 | 9 | 6 | 2 | / | 37 | 62 |
| | Hindubagh * | 000 | 0 | 8 | 23 | 13 | 97 | 03 | 0 | /// | 48 | 8 | 2 | 4 | 0 | 0 | 40 | 50 |
| | Loralai * | 000 | 8 | 8 | 27 | 04 | 98 | 01 | 0 | 505 | 60 | 0 | 1 | 9 | 0 | 8 | 49 | 60 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 150 | 5 | 0 | 23 | 03 | 96 | 00 | 4 | 429 | 61 | 0 | 0 | 9 | 0 | 0 | 49 | 67 |
| | Samungli (Quetta) * | 020 | 9 | 4 | 36 | 05 | 96 | 61 | 9 | 471 | 45 | 8 | 7 | 5 | / | / | 39 | 52 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 471 | 51 | 0 | 0 | 9 | 0 | 0 | 49 | 57 |
| | Nushki * | 010 | 8 | 3 | 31 | 03 | 97 | 03 | 6 | 808 | 39 | 0 | 0 | 9 | 0 | 2 | 41 | 62 |
| | Dalbandin * | 000 | 0 | 4 | 23 | 04 | 97 | 03 | 0 | 470 | 52 | 6 | 3 | 6 | 0 | 0 | 42 | 48 |
| Kalat | Kalat * | 000 | 7 | 9 | 27 | 02 | 97 | 00 | 2 | 446 | 51 | 3 | 2 | 9 | 0 | 0 | 34 | 55 |
| | Khuzdar * | 000 | 0 | 4 | 27 | 05 | 97 | 02 | 0 | 442 | 66 | 4 | 3 | 6 | 0 | 0 | 34 | 70 |
| | 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 † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Departure from Normal of: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 3 | 18 | 05 | 98 | 03 | 9 | 133 | 86 | 3 | 1 | 6 | 0 | 0 | 76 | 76 | — | — | — | — | — | — |
| Cox's Bazar | 000 | 0 | 5 | 27 | 07 | 95 | 20 | 3 | 124 | 82 | 4 | 4 | 2 | 0 | / | 76 | 73 | + 5 | + 7 | 1.0 | — 4.7 | 0.3 | 140 |
| Chittagong | 005 | 9 | 7 | 18 | 05 | 96 | 02 | 9 | 122 | 81 | 6 | 3 | 4 | 2 | 0 | 76 | .. | — 1 | + 10 | 1.4 | — 4.0 | 0.4 | 108 |
| Maijdee Court | 000 | 9 | 3 | 18 | 02 | 96 | 03 | 2 | 113 | 81 | 4 | 2 | 5 | 2 | 0 | 76 | 76 | + 2 | + 6 | — | — | | 115 |
| Comilla | 000 | 0 | 4 | 18 | 05 | 96 | 03 | 0 | 110 | 81 | 0 | 0 | 9 | 0 | 3 | 76 | 76 | — 1 | + 10 | 2.2 | — 1.2 | 1.7 | 94 |
| Brahmanbaria | 000 | 0 | 4 | 18 | 03 | 97 | 03 | 1 | 099 | 79 | 4 | 5 | 5 | 0 | 0 | 76 | 76 | — | — | 2.5 | — 1.3 | 1.2 | 78 |
| Sylhet | 000 | 0 | 5 | 23 | 05 | 96 | 03 | 0 | 102 | 81 | 3 | 2 | 2 | 3 | 0 | 70 | 72 | — | + 13 | — | — | — | — |
| Srimangal | 000 | 0 | 4 | 18 | 07 | 96 | 02 | 0 | 106 | 79 | 4 | 2 | 5 | 0 | 0 | 70 | 70 | — | — | — | — | — | 98 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 112 | 76 | 0 | 0 | 9 | 0 | 0 | 68 | 67 | + 4 | + 13 | 1.6 | — 1.7 | 1.4 | 91 |
| Narayanganj | 000 | 0 | 4 | 27 | 02 | 97 | 01 | 2 | 114 | 81 | 3 | 4 | 6 | 3 | / | 76 | 76 | + 1 | + 9 | 2.9 | — 0.6 | 1.6 | 74 |
| Dacca (Tejgaon) | 000 | 4 | 1 | 23 | 02 | 96 | 01 | 4 | 108 | 79 | 1 | 5 | 5 | 0 | 0 | 73 | 73 | — | — | — | — | — | — |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 119 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | 70 | + 3 | + 8 | 3.6 | — 1.1 | 2.0 | 71 |
| Barisal | 000 | 0 | 1 | 23 | 05 | 97 | 02 | 2 | 114 | 82 | 1 | 4 | 4 | 0 | 0 | 76 | // | | — | 2.2 | — 1.6 | 1.3 | 81 |
| Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 68 |
| Satkhira | 000 | 0 | 0 | 23 | 06 | 97 | 00 | 0 | 120 | 81 | 0 | 0 | 9 | 0 | 0 | 77 | 76 | — 1 | + 8 | 3.1 | — 1.1 | 3.0 | 63 |
| Jessore | 000 | 3 | 4 | 24 | 07 | 96 | 05 | 4 | 111 | 79 | 4 | 6 | 3 | 0 | 0 | 73 | 72 | | | — | — | | 65 |
| Pabna | 000 | 0 | 0 | 23 | 05 | 98 | 03 | 8 | 109 | 81 | 0 | 0 | 9 | 0 | 0 | 70 | 67 | — | — | 4.0 | — | 3.0 | 59 |
| Sirajganj | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 101 | 79 | 0 | 0 | 9 | 0 | 0 | 63 | 67 | + 3 | + 4 | — | — | — | 64 |
| Rajshahi | 000 | 0 | 0 | 18 | 95 | 96 | 02 | 0 | 107 | 81 | 0 | 0 | 9 | 0 | 0 | 77 | // | + 2 | | 4.5 | — 2.1 | 1.5 | — |
| Bogra | | | | | | | | | | | | | | | | | | | | | | | 60 |
| Dinajpur | 000 | 0 | 8 | 27 | 03 | 96 | 00 | 0 | 086 | 84 | 0 | 0 | 9 | 0 | 0 | 54 | 65 | + 3 | + 2 | 1.6 | — 0.1 | 0.9 | 72 |
| Rangpur | 000 | 0 | 0 | 27 | 02 | 96 | 07 | 0 | 111 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 63 | + 9 | + 4 | 2.7 | + 0.8 | 1.2 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 016 | 9 | 3 | 00 | 00 | 96 | 01 | 9 | 115 | 59 | 1 | 5 | 6 | 7 | 0 | 54 | 56 | — 12 | + 4 | — | — | — | 19 |
| Sialkot | ... | . | — | ... | ... | — | — | ... | ... | ... | — | ... | ... | — | ... | — | ... | — | | | | | 32 |
| Jhelum | 001 | 7 | 6 | 00 | 00 | 97 | 03 | 6 | 121 | 63 | 2 | 5 | 7 | 3 | 0 | 58 | 56 | — | — | 5.2 | — | 5.2 | — |
| Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Rawalpindi | 174 | 9 | 8 | 00 | 00 | 97 | 21 | 9 | 126 | 54 | 8 | 5 | 6 | 0 | 0 | 52 | 54 | — 3 | + 5 | 8.0 | + 0.1 | 7.8 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 116 | 56 | 0 | 0 | 9 | 0 | 0 | 56 | 56 | — 7 | + 1 | 1.5 | — 1.2 | 1.5 | 15 |
| Sargodha | 000 | 3 | 0 | 05 | 03 | 91 | 44 | 4 | 118 | 56 | 0 | 0 | 9 | 0 | 0 | 56 | 54 | — | — | 1.8 | — | 1.6 | — |
| Lyallpur | 003 | 9 | 0 | 36 | 02 | 95 | 00 | 5 | 119 | 58 | 0 | 0 | 9 | 0 | 0 | 54 | 54 | — 16 | + 1 | 1.2 | — 0.5 | 0.9 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 001 | 0 | 9 | 00 | 00 | 92 | 42 | 4 | 124 | 56 | 9 | / | / | / | / | 56 | 58 | — 7 | — 4 | — | — | — | 7 |
| Leiah | 000 | 0 | 8 | 36 | 00 | 92 | 00 | 0 | 087 | 58 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | 002 | 9 | 1 | 35 | 02 | 97 | 02 | 9 | 120 | 63 | 1 | 0 | 9 | 3 | 0 | 58 | 58 | — | + 1 | — | — | — | 6 |
| Bahawalpur | 000 | 9 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 38 | — 9 | + 5 | 0.2 | — 0.7 | 0.2 | 6 |
| Fort Abbas | 000 | 0 | 2 | 27 | 09 | 98 | 01 | 9 | 107 | 67 | 0 | 0 | 8 | 2 | 0 | 65 | 58 | — | — | 0.1 | | 0.1 | 8 |
| Chakdra | 000 | 3 | 8 | 00 | 00 | 96 | 21 | 6 | 493 | 42 | 5 | 7 | 6 | 2 | / | 40 | 40 | — | — | 5.3 | — | 4.2 | — |
| Peshawar | 046 | 9 | 7 | 13 | 22 | 97 | 50 | 6 | 136 | 54 | 7 | 7 | 3 | 2 | 0 | 52 | 51 | — 4 | + 1 | 3.8 | — 1.3 | 3.1 | 11 |
| Haripur | 156 | 2 | 6 | 05 | 03 | 98 | 03 | 2 | 154 | 50 | 4 | 5 | 9 | 9 | 2 | 45 | 45 | — | — | 8.1 | — | 7.2 | — |
| Bannu | 000 | 0 | 1 | 31 | 01 | 99 | 01 | / | 131 | 52 | 0 | 0 | 8 | 2 | 0 | 49 | 52 | — | — 2 | 7.4 | + 5.4 | 7.4 | 11 |
| D. I. Khan | 032 | 0 | 0 | 00 | 00 | 98 | 02 | 6 | 125 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | 52 | — 16 | — 2 | 7.4 | + 5.4 | 7.4 | 9 |
| Sibi | 000 | 0 | 6 | 36 | 03 | 97 | 03 | 1 | 110 | 65 | 6 | 0 | 9 | 1 | 4 | 66 | 42 | — | — | 0.6 | — | 0.6 | 8 |
| Nokkundi | 000 | 0 | 3 | 13 | 03 | 96 | 03 | 0 | 167 | 47 | 2 | 4 | 6 | 0 | 0 | 43 | 44 | — | — | 2.5 | — | 2.5 | 3 |
| Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 40 | 0 | 125 | 67 | 0 | 0 | 9 | 0 | 0 | 48 | 64 | — | — | 0.7 | — | 0.7 | — |
| Jiwani | 000 | 0 | 0 | 37 | 18 | 96 | 02 | 0 | 118 | 71 | 0 | 0 | 9 | 0 | 0 | 33 | 69 | — | — | 9.2 | — | 8.3 | 1 |
| Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 03 | 0 | 120 | 64 | 0 | 0 | 9 | 0 | 0 | 57 | // | 0 | — | 2.5 | — 2.1 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 27 | 10 | 96 | 02 | 0 | 129 | 73 | 0 | 0 | 9 | 0 | 0 | 65 | // | — | — | 2.9 | — 1.7 | 2.9 | 4 |
| Lasbela | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 121 | 66 | 0 | 0 | 8 | 0 | 0 | 61 | 64 | — | — | — | — | — | 8 |
| Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Airport) | 000 | 0 | 1 | 27 | 02 | 96 | 03 | 0 | 119 | 72 | 1 | 6 | 5 | 0 | 0 | 60 | 70 | — | — | 3.0 | — | 3.0 | — |
| Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| Chhor | 000 | 0 | 0 | 20 | 03 | 96 | 02 | 0 | 118 | 66 | 0 | 0 | 9 | 0 | 0 | 61 | 42 | — | — | 2.5 | — | 2.5 | 7 |
| Hyderabad | 000 | 0 | 0 | 23 | 07 | 97 | 02 | 0 | 126 | 71 | 0 | 0 | 9 | 0 | 0 | 57 | 48 | 0 | + 5 | 1.1 | + 0.3 | 1.1 | 9 |
| Badin | 000 | 0 | 0 | 23 | 02 | 97 | 03 | 0 | 111 | 69 | 0 | 0 | 9 | 0 | 0 | 64 | 67 | 0 | + 5 | 0.1 | — 0.8 | 0.1 | — |
| Padidan | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 121 | 61 | 0 | 0 | 9 | 0 | 0 | // | 57 | — | — | 0.9 | — | 0.9 | — |
| Nawabshah | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 120 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 61 | — | — | 0.3 | — | 0.3 | 4 |
| Sukkur | 000 | 0 | 0 | 13 | 03 | 96 | 03 | 0 | 123 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 2 | 09 | 03 | 96 | 03 | 9 | 121 | 64 | 0 | 0 | 9 | 3 | 0 | 57 | 60 | | + 1 | 2.2 | + 1.2 | 2.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 24 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Droah | 008 | 3 | 7 | 05 | 03 | 95 | 50 | 5 | 468 | 45 | 7 | 6 | 6 | 0 | 0 | 38 | 40 | | + 1 | 4.8 | — | 3.4 | 20 |
| Cherat | 009 | 9 | 9 | 00 | 00 | 91 | 40 | 6 | 465 | 43 | 9 | 6 | 0 | 0 | 0 | 45 | 42 | — 1 | — 4 | 5.9 | — 4.0 | 5.3 | — |
| Kakul | 183 | 1 | 8 | 27 | 03 | 96 | 63 | 6 | 473 | 41 | 8 | 7 | 4 | / | / | 40 | 40 | — | — | 12.9 | — | 11.9 | — |
| Landikotal | 005 | 3 | 8 | 36 | 02 | 98 | 03 | 2 | 616 | 49 | 8 | 7 | 6 | / | / | 33 | 38 | — | — | 4.3 | — | 3.6 | 29 |
| Parachinar | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 534 | 54 | 0 | 0 | 9 | 0 | 0 | 50 | 40 | — | — | 0.1 | — 4.8 | 0.1 | 11 |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 10 |
| Fort Sandeman | 000 | 0 | 0 | 22 | 02 | 97 | 01 | 0 | 464 | 45 | 0 | 0 | 9 | 0 | 0 | 41 | 45 | — 9 | 0 | 2.4 | — 0.9 | 2.4 | — |
| Hindubagh | 010 | 0 | 7 | 23 | 25 | 97 | 03 | 0 | /// | 28 | 7 | 7 | 3 | 0 | 0 | 13 | 25 | — | — | 1.6 | — | 1.4 | 9 |
| Loralai | 010 | 0 | 8 | 18 | 03 | 98 | 00 | 0 | 475 | 46 | 0 | 0 | 9 | 0 | 8 | 36 | 50 | — | — | 1.9 | — | 1.8 | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 8 | 446 | 51 | 0 | 0 | 9 | 0 | 0 | 41 | 47 | — | — | 2.6 | — 1.5 | 2.6 | 9 |
| Samungli (Quetta) | 033 | 9 | 3 | 37 | 02 | 97 | 01 | 6 | 485 | 42 | 2 | 1 | 6 | 3 | 0 | 36 | 38 | — | — | 3.4 | — 2.7 | 2.7 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 466 | 48 | 0 | 0 | 9 | 0 | 0 | 44 | 44 | — 15 | — 1 | 7.7 | + 1.9 | 7.7 | — |
| Nushki | 010 | 0 | 8 | 30 | 13 | 97 | 03 | 0 | 531 | 43 | 4 | 6 | 8 | 4 | 0 | 27 | 41 | — | — | 3.5 | — | 3.5 | 4 |
| Dalbandin | 028 | 0 | 7 | 05 | 07 | 98 | 01 | 1 | 489 | 45 | 1 | 5 | 6 | 2 | ) | 43 | 45 | — 13 | 0 | 3.3 | + 0.8 | 3.3 | 7 |
| Kalat | 000 | 0 | 0 | 15 | 02 | 98 | 00 | 2 | 488 | 38 | 0 | 0 | 9 | 0 | 0 | 31 | 32 | — 6 | — 4 | 3.0 | — 1.3 | 3.0 | — |
| Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 473 | 54 | 0 | 0 | 9 | 0 | 0 | 39 | 31 | — | — | 2.9 | — | 2.6 | 8 |
| Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

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

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 15th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_wt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Dumra | 99 2 16 | 10 6 92 | 10 6 3/ | 13 0 18 | 99 0 10 | 12 2 25 | 11 4 00 | 23 7 10 | | | 05 1 26 | | 30 4 01 | |
| Dumra | 99 2 44 | 10 6 47 | 14 0 03 | 32 6 12 | 98 0 11 | 09 0 26 | 34 5 11 | 17 4 00 | | | 05 0 22 | | 30 2 02 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface $P_oP_oP_o T_oT_oT_a D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 006 238 08 | ... | 450 144 62 | 097 040 46 | 589 051 74 | 751 161 78 | 962 297 // | 238 351 // | 402 671 // | 638 797 // | ... | ... | ... |
| Dacca | 00 00 | 007 228 08 | ... | 418 122 23 | 048 030 // | 571 085 56 | 740 207 50 | 945 315 57 | 222 541 // | | | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 008 210 56 | ... | 400 110 56 | 059 024 40 | 569 135 // | 736 471 // | 942 351 // | 219 461 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 996 120 10 | ... | 425 115 45 | 008 005 45 | 568 151 // | | | | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 978 116 10 | ... | 400 070 15 | 018 007 16 | 563 163 // | 728 261 // | 931 377 // | 204 493 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 988 104 61 | ... | 350 074 62 | 901 041 55 | 548 181 // | 713 245 // | 919 341 // | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels: PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 170 45 | 800 120 61 | 600 008 72 | 350 241 57 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 909 144 24 | 900 076 26 | 600 033 42 | | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 260 08 | 250 07 | 270 11 | 280 13 | 280 22 | 290 25 | 300 38 | /// // | 300 33 |
| Bogra | 270 12 | 270 15 | 270 17 | 265 25 | 270 25 | 280 32 | ... | ... | ... |
| Chaklala | ... | 045 03 | 065 01 | 070 03 | 105 05 | 155 06 | 180 09 | ... | ... |
| Chhor | 245 14 | 245 15 | 240 18 | 240 02 | ... | ... | ... | ... | ... |
| Chittagong | 145 08 | 195 09 | 145 06 | 250 10 | 240 15 | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 220 12 | 220 15 | 280 06 | 300 12 | 310 11 | 310 09 | ... | ... | ... |
| Dacca | 265 15 | 270 16 | 275 17 | 280 20 | 280 19 | 260 19 | 270 19 | 270 24 | 270 24 |
| Dalbandin | ... | ... | 295 08 | 260 02 | 230 03 | ... | ... | ... | ... |
| D. I. Khan | 310 09 | 085 10 | 045 08 | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | 235 03 | 220 03 | 245 02 | 200 07 | ... | ... |
| Fort Sandeman | ... | ... | ... | 195 21 | 125 06 | ... | ... | ... | ... |
| Gilgit | ... | ... | ... | 280 18 | 290 11 | 055 05 | ... | ... | ... |
| Ishurdi | 255 10 | 255 10 | 260 10 | 270 19 | 298 21 | 290 39 | ... | ... | ... |
| Jacobabad | 140 09 | 140 14 | 150 15 | 305 10 | 230 21 | 270 43 | /// // | 280 74 | ... |
| Jessore | 270 10 | 285 14 | 275 15 | 270 13 | 280 11 | 270 19 | ... | ... | ... |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 270 21 | 275 24 | 270 32 | 260 48 | 250 28 | 265 41 | ... | ... | ... |
| Karachi | 270 12 | 290 16 | 280 20 | 250 26 | 260 31 | 235 35 | ... | ... | ... |
| Khanpur | 050 10 | 040 13 | 035 13 | 060 10 | 065 06 | 345 07 | 350 22 | 345 07 | 335 25 |
| Khuzdar | ... | ... | ... | 265 11 | 355 12 | ... | ... | ... | ... |
| Lahore | 190 05 | 165 08 | 115 07 | 115 08 | 145 10 | ... | ... | ... | ... |
| Multan | 045 05 | 045 11 | 040 18 | 050 19 | 175 08 | 180 08 | 170 20 | ... | ... |
| Nawab Shah | 240 15 | 240 13 | 245 12 | 250 19 | 265 25 | 285 30 | 290 42 | ... | ... |
| Nokkundi | ... | ... | 330 04 | 325 03 | 280 09 | 275 24 | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 215 01 | 315 03 | 060 04 | 125 07 | 140 07 | ... | ... | ... |
| Parachinar | ... | ... | ... | 245 36 | 150 05 | /// // | 225 19 | /// // | 240 33 |
| Quetta | ... | No | Ascent | ... | ... | ... | ... | ... | ... |
| Sargodha | 120 07 | 140 09 | 155 13 | 160 15 | 220 14 | ... | ... | ... | ... |
| Skardu | ... | No | Ascent | ... | ... | ... | ... | ... | ... |
| Sylhet | 280 12 | 285 12 | 255 21 | 260 42 | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 250 12 | 265 10 | 300 09 | 310 13 | 315 13 | ... |
| Bogra | 285 16 | 295 16 | 290 21 | 285 35 | ... | ... |
| Chaklala | No | Ascent | | | | ... |
| Chhor | 250 34 | 265 35 | 260 35 | 255 37 | 255 44 | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 140 02 | 240 03 | 240 02 | 295 06 | 310 12 | 325 13 |
| Dacca | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 015 09 | 105 11 | 135 05 | ... |
| D. I. Khan | 065 03 | 090 05 | 115 07 | 140 05 | 225 15 | 295 12 |
| Drosh | No | Ascent | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 245 07 | 250 10 | 265 25 |
| Gilgit | ... | ... | ... | 280 08 | 270 12 | 275 10 |
| Ishurdi | 265 05 | 315 12 | 315 13 | 295 24 | 280 25 | 285 25 |
| Jacobabad | 105 07 | 025 09 | 070 09 | 340 05 | 295 13 | 245 20 |
| Jessore | No | Ascent | ... | ... | ... | ... |
| Jhelum | 190 06 | 130 15 | 130 17 | 155 15 | 185 14 | 240 17 |
| Jiwani | 235 15 | 260 15 | 265 15 | 270 20 | 270 30 | 275 37 |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | 020 09 | 010 07 | 010 05 | 300 04 | 245 03 | 300 11 |
| Khuzdar | ... | ... | ... | 325 04 | 325 06 | 255 17 |
| Lahore | 145 04 | 145 04 | 140 05 | 110 03 | 185 02 | ... |
| Multan | 035 13 | 285 04 | 236 01 | 245 04 | 260 13 | 245 11 |
| Nawab Shah | 280 20 | 285 17 | 305 18 | 265 17 | 265 19 | 2/0 29 |
| Nokkundi | ... | ... | 155 04 | 190 04 | 225 06 | 360 08 |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 040 02 | 030 01 | 360 06 | 300 04 | 265 02 |
| Parachinar | No | Ascent | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 055 04 | 150 02 | 155 05 | 200 07 | 260 10 | 275 10 |
| Skardu | ... | ... | ... | 225 02 | ... | ... |
| Sylhet | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 270 10 | 285 10 | 265 10 | 290 08 | 305 08 | 315 10 | ... | ... | ... | ... | ... |
| Bogra | 240 11 | 275 11 | 285 20 | 285 26 | 275 27 | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 050 05 | 140 04 | 170 13 | 185 17 | 170 13 | ... | ... | ... | ... | ... |
| Chhor | 260 16 | 280 19 | 280 23 | 265 36 | 265 41 | 255 57 | ... | ... | ... | ... | ... |
| Chittagong | 215 00 | 205 08 | 205 08 | 205 10 | ... | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 235 18 | 235 15 | 230 13 | 230 13 | 270 12 | 300 17 | 290 27 | 290 37 | 280 41 | 280 43 | 285 53 |
| Dacca | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 070 10 | 075 14 | 055 12 | 095 08 | ... | ... | ... | ... | ... |
| D. I. Khan | 115 03 | /// // | /// // | 355 03 | 230 06 | 215 03 | 240 30 | 250 25 | 245 27 | 250 49 | 250 75 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 036 04 | 225 06 | 230 15 | 250 39 | 255 44 | 260 58 | 300 65 | 320 75 |
| Gilgit | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 245 13 | 245 08 | 270 15 | 300 33 | 290 35 | ... | ... | ... | ... | ... | ... |
| Jacobabad | 175 04 | 120 03 | 110 04 | 280 97 | 240 12 | 255 21 | 255 41 | 250 56 | ... | ... | ... |
| Jessore | 295 05 | 295 08 | 285 13 | 280 26 | 295 27 | 295 32 | 290 25 | 295 52 | ... | ... | ... |
| Jhelum | 075 03 | 110 08 | 120 10 | 205 07 | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 255 19 | 265 19 | 265 18 | 260 19 | 265 24 | 260 25 | 295 48 | 255 58 | 260 59 | 260 60 | ... |
| Karachi | 270 17 | 290 13 | 280 14 | 280 24 | 260 21 | 240 20 | 235 31 | 240 41 | 230 48 | ... | ... |
| Khanpur | 360 08 | 130 07 | 305 07 | 285 08 | 275 16 | 255 12 | 235 24 | 245 27 | 255 62 | 245 29 | 245 39 |
| Khuzdar | ... | ... | ... | 315 12 | 270 06 | 225 11 | 200 20 | 245 66 | 245 32 | ... | ... |
| Lahore | 190 09 | 195 15 | 205 15 | 205 10 | 195 08 | 205 12 | 215 23 | 270 27 | 225 28 | 250 35 | 245 61 |
| Multan | 020 06 | 360 13 | 3 0 15 | 275 09 | 255 05 | 245 13 | 180 10 | 255 38 | 255 54 | 260 95 | 240 37 |
| Nawab Shah | 280 15 | 280 12 | 285 11 | 290 11 | 255 17 | 255 29 | 245 57 | 240 81 | ... | ... | ... |
| Nokkundi | ... | ... | 090 11 | 270 04 | 2/0 04 | 255 13 | 215 26 | 245 34 | 240 51 | 250 49 | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 065 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar | ... | ... | ... | ... | 175 04 | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | /// // | 275 14 | 290 07 | ... | ... | ... | ... | ... |
| Sargodha | 110 01 | 215 02 | 275 03 | 255 04 | 235 06 | 210 17 | 230 29 | 235 35 | 245 34 | 285 48 | 285 64 |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 215 06 | 225 05 | 255 10 | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 255 27 | 255 26 | 255 27 | 255 37 | 260 39 | 265 49 | 250 55 | 245 63 | 245 60 | 250 59 | 260 89 | ... | ... | ... | ... | ... | ... | ... |
| Multan | 030 10 | 295 04 | 295 04 | 245 04 | 285 12 | 245 04 | 255 47 | 255 37 | 250 49 | 255 75 | 255 85 | ... | ... | ... | ... | ... | ... | ... |
| 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.

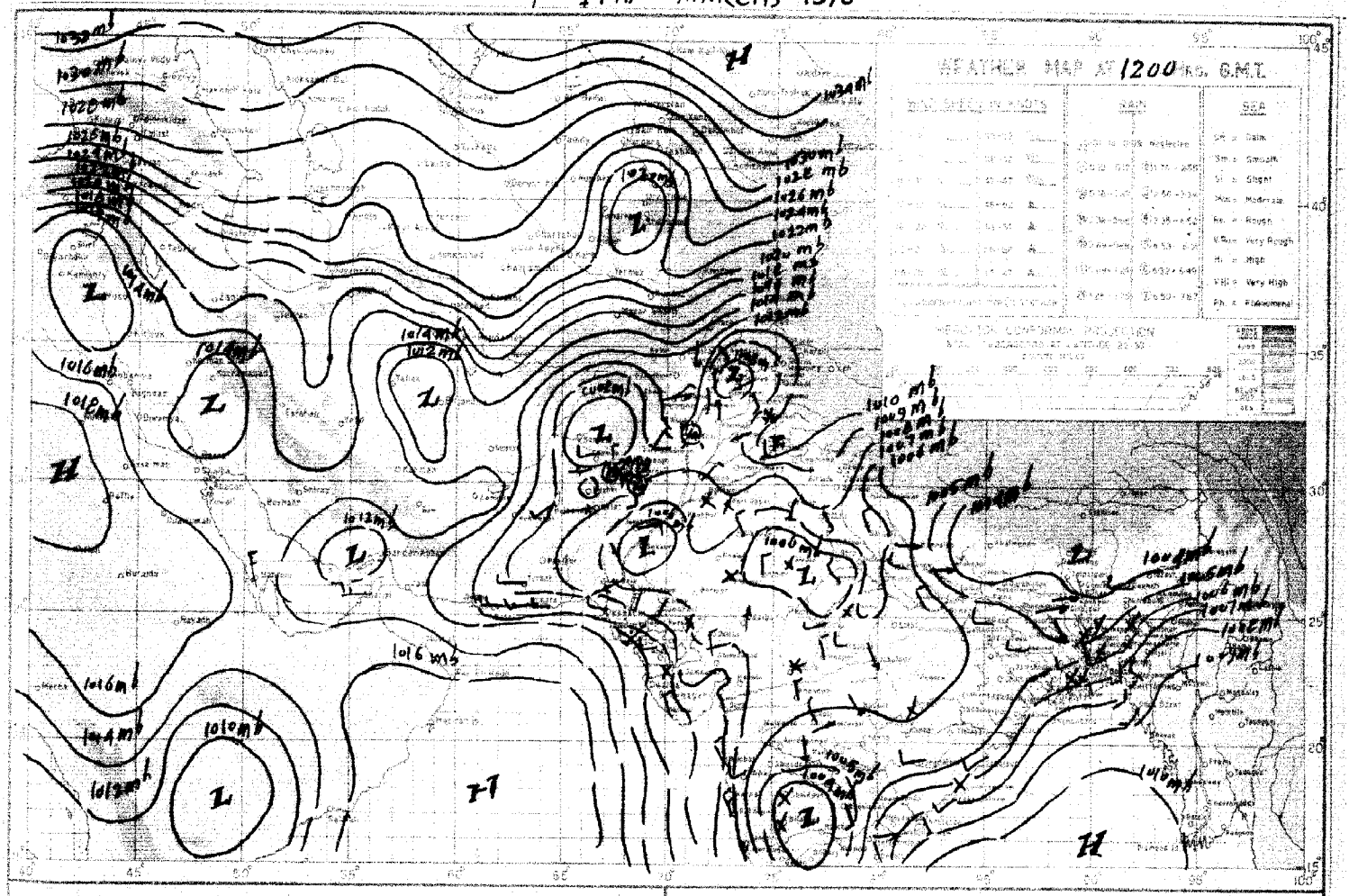
† The actual time of observations may vary within half an hour of the specified time.

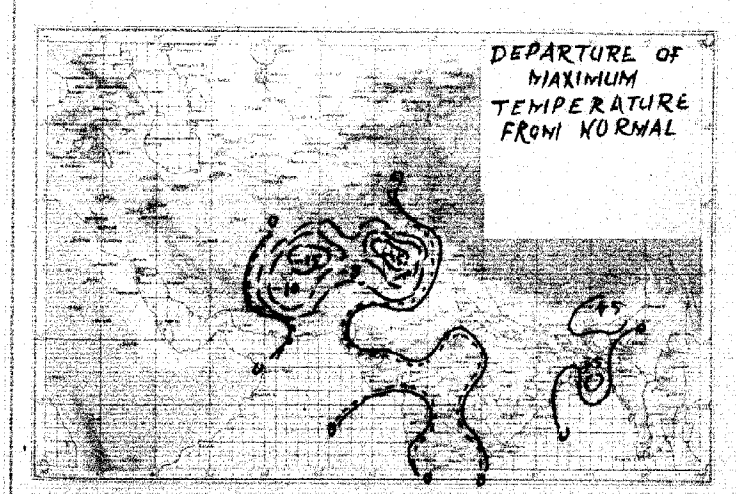
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "f" omitted.

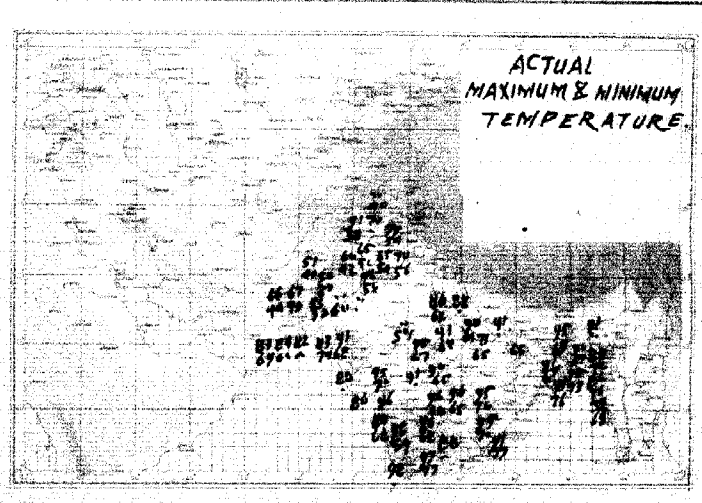
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SATURDAY 14TH MARCH, 1970



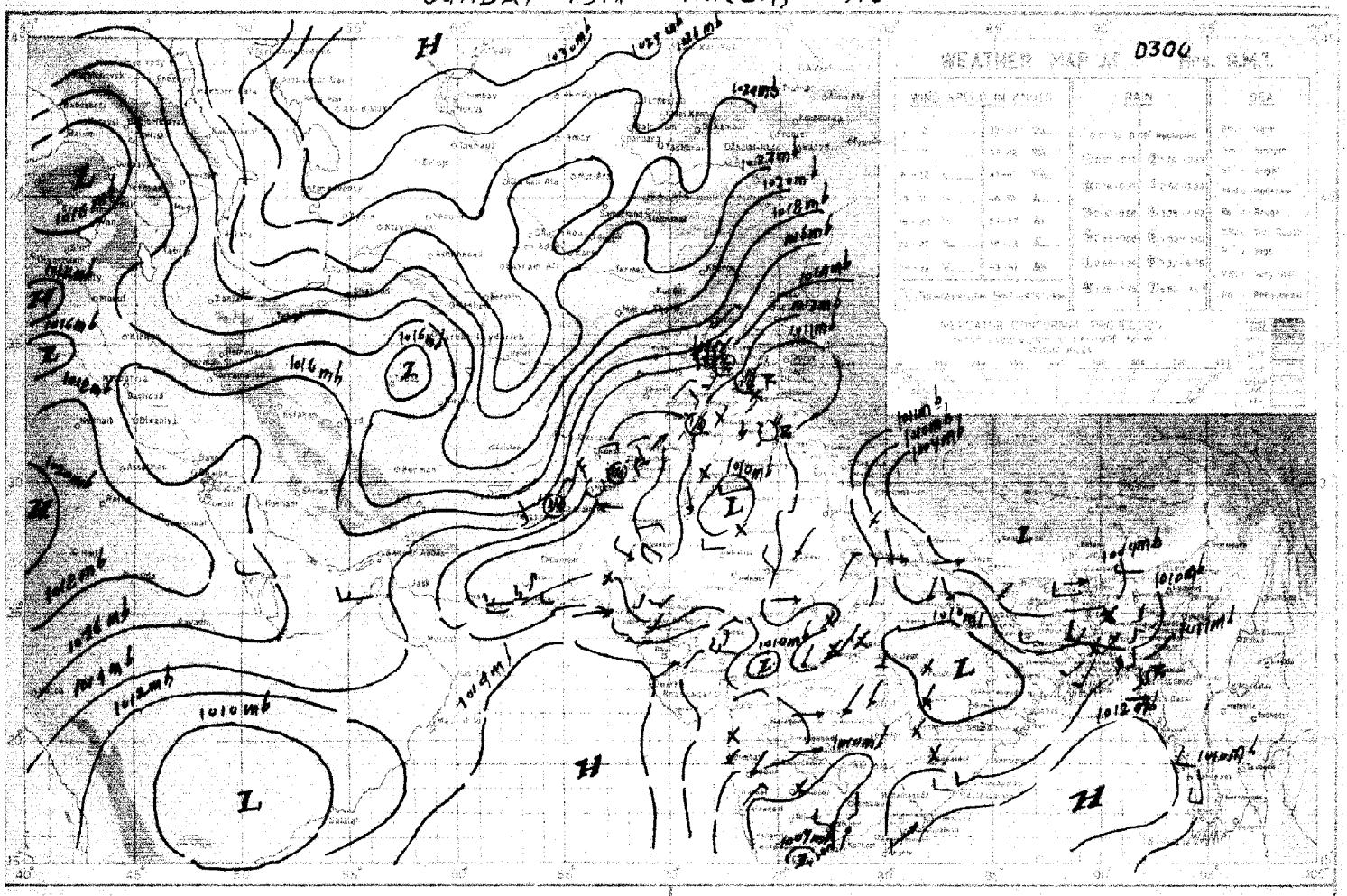



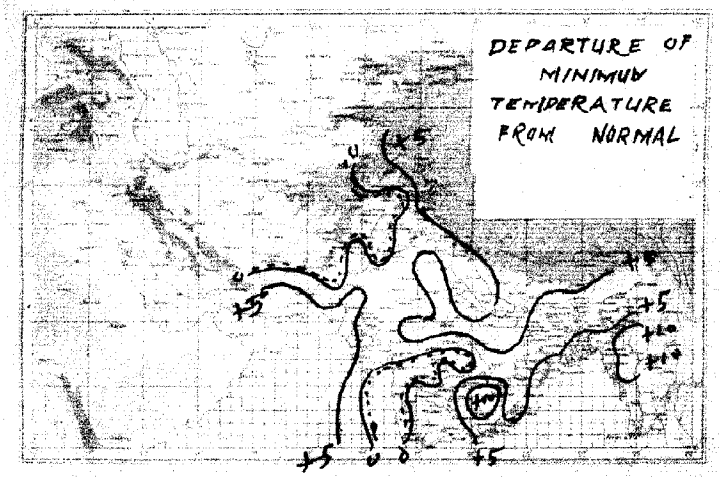



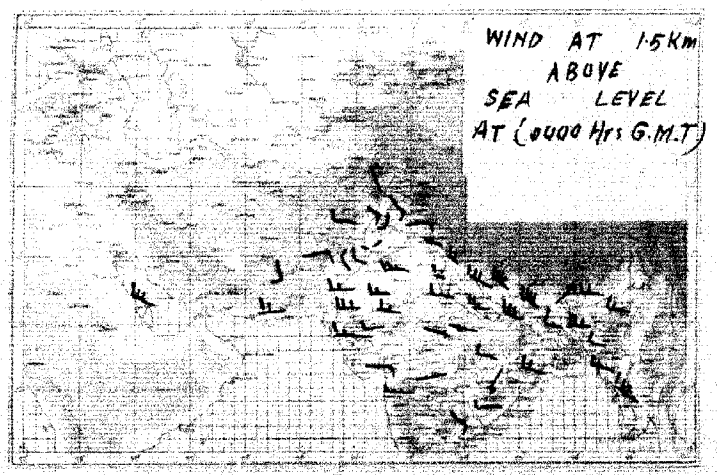

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 15TH MARCH, 1970



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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**MONDAY THE 16th MARCH, 1970.**

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

Yesterday's western disturbance over the central divisions of West Pakistan is moving across Rajasthan and adjoining West Pakistan.

A fresh western disturbance lies over Kalat division and adjoining areas.

Rain/thundershowers have been local in Malakand division and scattered in Peshawar and D. I. Khan divisions, light drizzle has also been reported from a few places in Quetta division Chakdara and Wana each recorded ½" of rainfall.

The trough of low pressure over West Bengal and adjoining East Pakistan has become more marked. A few light showers have occurred in Rajshahi division. Weather remained dry elsewhere over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Lahore division and 3—4 °F (2 °C) below normal in Sargodha, Peshawar, Quetta and Kalat divisions.

**Forecast valid until the evening of 17th March 1970 :**—Thunderstorms/showers are likely to be local in Malakand, Peshawar, Rawalpindi, Chittagong divisions and Kashmir and scattered elsewhere in the country outside Karachi and Hyderabad divisions.

**Earthquake Report:** Seismograph of geophysical centre Quetta recorded an earthquake of moderate intensity on the 15th March 1970 at 23 Hrs. 36 minutes W.P.S.T. The epecenre lies about 450 miles north of Quetta near Hindubagh mountains.

Karachi-11
The 16th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 23 | 03 | 95 | 04 | 0 | 093 | 76 | 1 | 1 | 7 | 0 | 8 | 78 | 91 |
| | Cox's Bazar | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 083 | 82 | 0 | 0 | 9 | 0 | 0 | 74 | 88 |
| | Chittagong | 000 | 0 | 0 | 23 | 02 | 56 | 02 | 0 | 083 | 82 | 0 | 0 | 9 | 0 | 0 | 76 | 88 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 041 | 86 | 0 | 0 | 9 | 0 | 0 | 70 | 91 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 064 | 86 | 0 | 0 | 9 | 0 | 0 | 70 | 91 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 054 | 66 | 0 | 0 | 9 | 0 | 0 | 65 | 88 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 053 | 88 | 0 | 0 | 9 | 0 | 0 | 59 | 91 |
| | Narayanganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dacca (Tezgaon) | 000 | 0 | 0 | 23 | 02 | 97 | 01 | 0 | 063 | 90 | 0 | 0 | 9 | 0 | 0 | // | 95 |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 091 | 50 | 0 | 0 | 9 | 0 | 0 | 51 | 90 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 070 | 86 | 0 | 0 | 9 | 0 | 0 | 70 | 91 |
| | Jessore | 000 | 0 | 2 | 27 | 05 | 97 | 02 | 0 | 064 | 90 | 0 | 0 | 9 | 0 | 2 | 52 | 95 |
| Rajshahi | Pabna | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 052 | 91 | 0 | 0 | 9 | 0 | 0 | 51 | 91 |
| | Sirajganj | 000 | 0 | 0 | 27 | 03 | 94 | 00 | 0 | 055 | 91 | 0 | 0 | 9 | 0 | 0 | 48 | 91 |
| | Rajshahi | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 055 | 91 | 0 | 0 | 9 | 0 | 0 | 59 | 95 |
| | Bogra | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 040 | 88 | 0 | 0 | 9 | 0 | 0 | 48 | 91 |
| | Dinajpur | 000 | 0 | 0 | 27 | 05 | 96 | 00 | 0 | 038 | 91 | 0 | 0 | 9 | 0 | 0 | 48 | 91 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 089 | 76 | 1 | 2 | 8 | 0 | 0 | 35 | 78 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 7 | 23 | 02 | 98 | 02 | 6 | 102 | 76 | 4 | 3 | 6 | 7 | 0 | 56 | 76 |
| | Islamabad | 006 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | /// | 67 | 3 | 6 | 5 | 2 | 3 | 50 | 67 |
| | Rawalpindi | 000 | 0 | 2 | 27 | 02 | 98 | 00 | 0 | 116 | 69 | 2 | 2 | 8 | 0 | 0 | 52 | 76 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 103 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 00 |
| | Sargodha | 000 | 0 | 2 | 05 | 03 | 97 | 01 | 1 | 101 | 76 | 2 | 1 | 6 | 0 | 0 | 51 | 78 |
| | Lyallpur | 000 | 0 | 5 | 36 | 02 | 96 | 02 | 3 | 099 | 76 | 5 | 0 | 9 | 4 | 0 | 51 | 79 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 29 | 02 | 97 | 02 | 0 | 090 | 78 | 0 | 0 | 9 | 0 | 0 | 50 | 80 |
| | Leiah | 000 | 0 | 0 | 34 | // | 94 | 00 | 0 | 058 | 80 | 0 | 0 | 9 | 0 | 0 | 42 | 80 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 101 | 81 | 0 | 0 | 9 | 0 | 0 | 49 | 81 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 080 | 74 | 0 | 0 | 9 | 0 | 0 | 58 | 78 |
| | Fort Abbas | 000 | 0 | 0 | 22 | 02 | 98 | 00 | 0 | 057 | 81 | 0 | 0 | 9 | 0 | 0 | 68 | 81 |
| Malakand | Chakdara | 000 | 0 | 5 | 23 | 02 | 97 | 03 | 0 | 089 | 65 | 5 | 1 | 7 | 0 | 0 | 51 | 65 |
| Peshawar | Peshawar | 000 | 0 | 7 | 03 | 03 | 97 | 02 | 2 | 125 | 62 | 3 | 3 | 6 | 2 | 0 | 52 | 67 |
| | Haripur | 000 | 5 | 5 | 13 | 03 | 97 | 03 | 2 | 098 | 65 | 5 | 0 | 9 | 4 | 0 | 42 | 72 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 09 | 02 | 98 | 13 | 9 | 108 | 65 | 6 | 8 | 6 | 0 | 0 | 51 | 70 |
| | D. I. Khan | 000 | 0 | 0 | 03 | 00 | 97 | 02 | 0 | 105 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 76 |
| Quetta | Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 079 | 87 | 6 | 0 | 9 | 4 | 2 | 52 | 88 |
| | Nokkundi | 000 | 0 | 0 | 13 | 07 | 97 | 02 | 0 | 093 | 69 | 0 | 0 | 9 | 0 | 0 | 53 | 69 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani | 000 | 0 | 2 | 23 | 14 | 96 | 02 | 0 | 110 | 76 | 2 | 5 | 5 | 0 | 0 | 54 | 80 |
| | Pasni | 000 | 0 | 0 | 25 | 03 | 97 | 00 | 7 | 113 | 80 | 0 | 0 | 9 | 0 | 0 | 73 | 82 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 16 | 96 | 02 | 0 | 121 | 78 | 0 | 0 | 9 | 0 | 0 | 69 | 80 |
| | Lasbela | 000 | 0 | 4 | 00 | 00 | 98 | 00 | 0 | 103 | 83 | 0 | 0 | 8 | 0 | 0 | 54 | 87 |
| | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 0 | 29 | 14 | 96 | 01 | 0 | 102 | 81 | 0 | 0 | 9 | 0 | 0 | 47 | 84 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 6 | 6 | 0 | 0 | 43 | 92 |
| | Chhor | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 090 | 67 | 0 | 0 | 9 | 0 | 0 | 55 | 88 |
| | Hyderabad | 000 | 0 | 0 | 25 | 10 | 97 | 02 | 0 | 093 | 87 | 0 | 0 | 9 | 0 | 0 | 37 | 90 |
| | Badin | 000 | 0 | 0 | 23 | 12 | 97 | 02 | 0 | 097 | 90 | 0 | 0 | 9 | 0 | 0 | 50 | 93 |
| Khairpur | Padidan | 000 | 0 | 1 | 27 | 02 | 96 | 03 | 0 | 091 | 83 | 1 | 1 | 7 | 0 | 0 | 49 | 85 |
| | Nawabshah | 000 | 0 | 0 | 31 | 02 | 94 | 06 | 0 | 097 | 85 | 0 | 0 | 9 | 0 | 0 | 59 | 87 |
| | Sukkur | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 092 | 82 | 0 | 0 | 9 | 0 | 0 | 55 | 86 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 2 | 05 | 13 | 97 | 01 | 0 | 095 | 82 | 2 | 5 | 6 | 0 | 0 | 77 | 84 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Misgar | | | | | | | | | | | | | | | | | |
| | Aliabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat | 005 | 9 | 9 | 00 | 00 | 91 | 45 | 6 | 478 | 50 | 9 | 0 | 0 | 0 | 0 | 49 | 51 |
| | Kakul | 113 | 6 | 8 | 05 | 06 | 96 | 95 | 9 | 483 | 49 | 7 | 9 | 8 | 2 | 0 | 42 | 50 |
| | Landikotal | 000 | 0 | 8 | 36 | 02 | 98 | 03 | 3 | 610 | 51 | 8 | 7 | 6 | 1 | 1 | 44 | 49 |
| | Parachinar | 008 | 1 | 6 | 18 | 03 | 96 | 17 | 6 | 476 | // | 6 | 4 | 5 | 0 | 0 | 33 | 49 |
| D.I. Khan | Miranshah | 000 | 0 | 9 | 05 | 05 | 99 | 00 | 0 | 567 | 70 | 0 | 0 | 9 | 0 | 0 | 58 | 70 |
| | Wana | 000 | 0 | 8 | 13 | 02 | 97 | 03 | 0 | 437 | 58 | 8 | 2 | 6 | 0 | 0 | 44 | 52 |
| Quetta | Fort Sandeman | 000 | 0 | 7 | 31 | 07 | 97 | 17 | 3 | 467 | 57 | 7 | 9 | 7 | 0 | 0 | 39 | 61 |
| | Hindubagh | 000 | 0 | 8 | 29 | 25 | 97 | 03 | 0 | /// | 48 | 8 | 7 | 4 | 0 | 0 | 15 | 49 |
| | Loralai | 000 | 0 | 4 | 27 | 05 | 97 | 60 | 0 | 495 | 58 | 0 | 1 | 9 | 0 | 4 | 39 | 60 |
| | Barkhan | 000 | 0 | 8 | 05 | 02 | 97 | 05 | 2 | 445 | 65 | 8 | 7 | 7 | 0 | 0 | 38 | 69 |
| | Harnai | 000 | 0 | 0 | 23 | 05 | 96 | 03 | 0 | 459 | 60 | 0 | 6 | 9 | 0 | 6 | 41 | 88 |
| | Samungli (Quetta) | 000 | 0 | 4 | 37 | 05 | 96 | 01 | 1 | 483 | 53 | 4 | 5 | 6 | 0 | 0 | 35 | 55 |
| | Chaman | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 498 | 53 | 0 | 0 | 9 | 0 | 0 | 46 | 52 |
| | Nushki | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 525 | 39 | 0 | 0 | 9 | 0 | 0 | 36 | 59 |
| | Dalbandin | 000 | 0 | 0 | 35 | 04 | 98 | 00 | 0 | 488 | 42 | 3 | 5 | 6 | 0 | 0 | 46 | 63 |
| Kalat | Kalat | 000 | 0 | 9 | 29 | 03 | 96 | 00 | 2 | 510 | 31 | 9 | 2 | 9 | 0 | 1 | 37 | 53 |
| | Khuzdar | 000 | 0 | 4 | 20 | 06 | 97 | 02 | 0 | 442 | 66 | 4 | 5 | 6 | 0 | 0 | 34 | 70 |
| | 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 † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 0 | 18 | 05 | 97 | 00 | 1 | 116 | 84 | 0 | 0 | 9 | 0 | 0 | 73 | 75 | — | — | — | — | — | - |
| Cox's Bazar | 000 | 0 | 5 | 00 | 00 | 94 | 40 | 2 | 110 | 77 | 1 | 3 | 5 | 4 | 0 | 73 | 73 | + 2 | + 6 | 0.9 | − 4.7 | 0.3 | 140 |
| Chittagong | 000 | 0 | 5 | 05 | 02 | 96 | 03 | 1 | 109 | 81 | 2 | 8 | 4 | 1 | 0 | 75 | 73 | + 1 | + 5 | 1.4 | − 3.1 | 0.6 | 196 |
| Maijdee Court | 009 | 8 | 0 | 18 | 02 | 97 | 00 | 0 | 104 | 81 | 0 | 0 | 9 | 0 | 0 | 77 | 73 | — | + 2 | — | — | — | 115 |
| Comilla | 000 | 0 | 0 | 18 | 05 | 96 | 07 | 0 | 101 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | + 2 | + 5 | 2.2 | − 1.4 | 1.7 | 94 |
| Brahmanbaria | 000 | 0 | 0 | 18 | 05 | 97 | 01 | 1 | 094 | 79 | 4 | 5 | 5 | 0 | 0 | 75 | 73 | — | — | 2.5 | − 1.5 | 1.2 | 78 |
| Sylhet | 000 | 0 | 3 | 09 | 05 | 96 | 01 | 2 | 087 | 81 | 3 | 4 | 4 | 0 | 0 | 69 | 69 | — | — | — | — | — | — |
| Srimangal | 000 | 0 | 0 | 18 | 07 | 96 | 00 | 0 | 100 | 82 | 0 | 0 | 9 | 0 | 0 | 69 | 68 | — | + 7 | — | — | — | 98 |
| Mymensingh | 000 | 0 | 0 | 05 | 02 | 97 | 00 | 0 | 091 | 84 | 0 | 0 | 9 | 0 | 0 | 49 | 65 | + 5 | − 1 | 1.6 | − 1.4 | 1.3 | 91 |
| Narayanganj | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 096 | 82 | 0 | 0 | 9 | 0 | 0 | 69 | 73 | — | + 4 | 2.9 | − 0.7 | 1.6 | 74 |
| Dacca (Tezgaon) | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 091 | 82 | 0 | 0 | 9 | 0 | 0 | 64 | 69 | — | — | — | — | — | — |
| Faridpur | 000 | 0 | 0 | 02 | 03 | 97 | 00 | 0 | 091 | 84 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | + 2 | − 2 | 2.6 | − 1.3 | 2.0 | 71 |
| Barisal | 000 | 0 | 0 | 00 | 06 | 97 | 02 | 4 | 101 | 82 | 0 | 0 | 9 | 0 | 0 | 69 | 73 | — | + 4 | 2.2 | − 1.6 | 1.3 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 102 | 84 | 0 | 0 | 9 | 0 | 0 | 84 | 73 | — | + 4 | — | — | — | 48 |
| Satkhira | 000 | 0 | 0 | 23 | 06 | 97 | 00 | 0 | 105 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 69 | − 1 | 0 | 3.2 | − 1.1 | 3.0 | 65 |
| Jessore | 000 | 0 | 0 | 24 | 05 | 96 | 05 | 4 | 097 | 81 | 0 | 0 | 9 | 0 | 0 | 62 | // | — | — | — | — | — | 65 |
| Pabna | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | 088 | 84 | 0 | 0 | 9 | 0 | 0 | 51 | 64 | — | — | 4.0 | — | 3.0 | 89 |
| Sirajganj | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 034 | 82 | 0 | 0 | 9 | 0 | 0 | 54 | 62 | + 3 | — | — | — | — | 64 |
| Rajshahi | 000 | 0 | 0 | 30 | 05 | 96 | 02 | 0 | 085 | 82 | 0 | 0 | 9 | 0 | 0 | 60 | 68 | + 6 | + 3 | 4.5 | + 2.1 | 1.6 | — |
| Bogra | 000 | 0 | 0 | 27 | 05 | 96 | 00 | 0 | 081 | 82 | 0 | 0 | 9 | 0 | 0 | 50 | 65 | + 3 | + 1 | — | — | — | 49 |
| Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | — | | | | 72 |
| Rangpur | 000 | 0 | 0 | 23 | 05 | 96 | 01 | 0 | 078 | 73 | 0 | 8 | 9 | 0 | 0 | 64 | 62 | — | + 1 | 2.7 | + 0.8 | 1.1 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | ... |
| Lahore (Jail Rd.) | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 141 | 62 | 1 | 0 | 9 | 3 | 1 | 54 | 58 | − 4 | + 4 | — | — | — | 19 |
| Sialkot | | | | | | | | | | | | | | | | | | | | | | | 33 |
| Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 1 | 135 | 58 | 6 | 9 | 6 | 0 | 0 | 50 | 57 | — | — | 5.2 | — | 5.2 | — |
| Islamabad | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | /// | 59 | 2 | 3 | 9 | 0 | 0 | 42 | 50 | + 3 | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 169 | 54 | 0 | 0 | 9 | 0 | 0 | 50 | 49 | — | — | 8.0 | + 0.1 | 7.8 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 155 | 56 | 6 | 5 | 8 | 4 | 0 | 56 | 54 | — | − 3 | 1.5 | − 1.2 | 1.5 | 15 |
| Sargodha | 000 | 0 | 6 | 36 | 03 | 93 | 05 | 0 | 140 | 62 | 3 | 8 | 6 | 3 | 0 | 54 | // | — | — | 1.7 | — | 1.6 | — |
| Lyallpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | − 3 | | | | | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 4 | 36 | 05 | 97 | 02 | 0 | 144 | 60 | 2 | 0 | 9 | 3 | 1 | 54 | // | − 3 | — | — | — | — | 7 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 138 | 59 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | − 6 | — | — | — | — | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 90 | 00 | 0 | /// | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 58 | − 7 | + 1 | 0.2 | − 0.7 | 0.2 | 6 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Chakdara | 064 | 0 | 0 | 00 | 00 | 98 | 01 | 0 | 168 | 49 | 0 | 0 | 9 | 0 | 9 | 45 | 47 | — | — | 5.9 | — | 4.9 | — |
| Peshawar | 000 | 0 | 3 | 18 | 03 | 97 | 03 | 1 | 181 | 56 | 1 | 8 | 6 | 3 | 0 | 49 | 49 | − 12 | − 4 | 3.8 | − 1.4 | 3.1 | 11 |
| Haripur | 000 | 0 | 0 | 36 | 03 | 98 | 00 | 0 | 063 | 58 | 0 | 0 | 9 | 0 | 0 | 45 | 49 | — | — | 8.1 | — | 7.2 | — |
| Bannu | 000 | 0 | 3 | 05 | 01 | 99 | 01 | 1 | /// | 52 | 0 | 0 | 9 | 4 | 0 | 49 | 50 | — | — | 1.8 | — | 1.4 | 11 |
| D. I. Khan | 064 | 0 | 0 | 00 | 00 | 97 | 02 | 6 | /// | 60 | 0 | 0 | 9 | 3 | 0 | 54 | 58 | − 3 | + 2 | 8.4 | + 5.4 | 8.4 | 9 |
| Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 1 | 152 | 62 | 0 | 0 | 9 | 2 | 0 | 66 | 55 | — | — | 0.6 | — | 0.6 | 8 |
| Nokkundi | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 157 | 54 | 0 | 0 | 9 | 0 | 0 | 39 | 47 | — | — | 2.5 | — | 2.5 | 3 |
| Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 170 | 66 | 0 | 0 | 9 | 0 | 0 | 59 | // | — | — | 0.7 | — | 0.7 | — |
| Jiwani | 000 | 0 | 0 | 27 | 02 | 96 | 01 | 0 | 136 | 70 | 3 | 6 | 5 | 0 | 0 | 59 | 65 | — | — | 9.1 | — | 8.3 | 3 |
| Pasni | 000 | 0 | 0 | 29 | 04 | 97 | 02 | 0 | 138 | 63 | 0 | 0 | 0 | 0 | 0 | 58 | // | − 2 | — | 2.5 | − 2.1 | 2.5 | 6 |
| Ormara | 007 | 0 | 0 | 34 | 09 | 96 | 02 | 0 | 149 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | // | — | — | 2.9 | − 1.6 | 2.9 | 6 |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 145 | 65 | 0 | 0 | 8 | 0 | 0 | 61 | 62 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 27 | 03 | 96 | 03 | 0 | 135 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 67 | — | — | 3.0 | — | 3.0 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 112 | 73 | 0 | 6 | 6 | 0 | 0 | 65 | 73 | — | — | — | — | — | — |
| Chhor | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 127 | 63 | 0 | 0 | 9 | 0 | 0 | 59 | 58 | — | — | 2.5 | — | 2.5 | 7 |
| Hyderabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 129 | 69 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | − 1 | 8 | 1.1 | + 0.3 | 1.1 | 9 |
| Badin | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 123 | 65 | 7 | 0 | 9 | 0 | 0 | 64 | 67 | — | + 4 | 0.1 | − 0.8 | 0.1 | — |
| Padidan | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 123 | 59 | 0 | 0 | 9 | 0 | 0 | 53 | 54 | — | — | 0.9 | — | 0.9 | — |
| Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 126 | 57 | 0 | 0 | 9 | 0 | 0 | 49 | 53 | — | — | 0.4 | — | 0.4 | 4 |
| Sukkur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 127 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 61 | — | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 124 | 68 | 0 | 0 | 9 | 3 | 0 | 59 | // | − 4 | — | 2.2 | − 1.2 | 2.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 16 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 30 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Cherat | 019 | 9 | 0 | 33 | 13 | 98 | 02 | 0 | 506 | 45 | 0 | 0 | 9 | 0 | 0 | 38 | 43 | − 8 | − 4 | 5.9 | − 4.1 | 5.8 | — |
| Kakul | 069 | 0 | 2 | 36 | 03 | 97 | 01 | 2 | 510 | 45 | 2 | 2 | 5 | 0 | 0 | 40 | 40 | — | — | 13.5 | — | 12.7 | — |
| Landikotal | 000 | 0 | 8 | 36 | 02 | 98 | 01 | 6 | 063 | 58 | 0 | 0 | 9 | 0 | 0 | 45 | 49 | — | — | 4.3 | — | 5.6 | 35 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | − 9 | | | | | 13 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 510 | 56 | 0 | 0 | 9 | 0 | 0 | 52 | 40 | — | — | 0.1 | − 4.5 | 0.1 | 11 |
| Wana | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 464 | 49 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | — | — | — | — | — | 13 |
| Fort Sandeman | 000 | 0 | 0 | 09 | 01 | 97 | 02 | 0 | 502 | 47 | 0 | 0 | 9 | 0 | 0 | 38 | 42 | − 10 | − 3 | 2.4 | − 0.9 | 2.4 | — |
| Hindubagh | 000 | 0 | 0 | 09 | 02 | 97 | 02 | 0 | /// | 25 | 0 | 0 | 9 | 0 | 0 | 22 | 24 | — | — | 1.6 | — | 1.4 | 9 |
| Loralai | 000 | 0 | 0 | 09 | 04 | 98 | 02 | 0 | 475 | 44 | 0 | 0 | 9 | 0 | 0 | 50 | // | — | — | 1.9 | — | 1.8 | — |
| Barkhan | 000 | 0 | 8 | 05 | 05 | 97 | 03 | ( | 440 | 50 | 8 | 7 | 7 | 0 | 0 | 44 | 46 | — | — | 0.5 | — | 0.5 | 14 |
| Harnai | 000 | 0 | 0 | 05 | 03 | 96 | 01 | 0 | 468 | 54 | 0 | 6 | 9 | 0 | 0 | 41 | 50 | — | — | 2.6 | − 1.6 | 2.6 | 9 |
| Samungli (Quetta) | 000 | 0 | 7 | 13 | 03 | 96 | 03 | 0 | 498 | 39 | 4 | 5 | 4 | 2 | 0 | 35 | 35 | — | — | 3.4 | − 2.7 | 2.8 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 513 | 47 | 0 | 0 | 9 | 0 | 0 | 43 | 40 | − 14 | − 6 | 7.7 | + 1.9 | 7.7 | — |
| Nushki | 000 | 0 | 2 | 09 | 07 | 97 | 02 | 0 | 525 | 55 | 0 | 0 | 9 | 0 | 2 | 39 | 51 | — | — | 3.5 | — | 3.5 | 4 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 09 | 5 | 485 | 50 | 1 | 0 | 9 | 3 | 0 | 48 | 45 | − 13 | − 2 | 3.3 | + 0.5 | 3.3 | 7 |
| Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 503 | 38 | 0 | 0 | 9 | 0 | 0 | 36 | 33 | − 8 | − 4 | 3.0 | − 1.4 | 3.0 | — |
| Khuzdar | 005 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 490 | 53 | 0 | 0 | 9 | 0 | 0 | 43 | 50 | — | — | 2.9 | — | 2.5 | 5 |
| Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

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

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

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

When code /// is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 16th MARCH, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $4d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 006 210 11 | ... | 485 116 57 | 051 735 61 | 571 123 58 | 739 209 58 | 946 385 58 | 215 587 // | 380 737 // | ... | — | ... | — |
| Dacca | 00 00 | 008 212 23 | ... | 410 146 56 | 075 026 54 | 576 079 // | 746 175 // | 955 331 // | 226 541 // | 405 685 // | ... | — | ... | — |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 009 200 48 | ... | 490 110 56 | 069 840 // | 573 115 // | 740 221 // | 945 341 // | ... | ... | ... | — | ... | ... |
| Multan | 00 00 | 998 120 40 | ... | 440 306 16 | 081 025 // | 566 331 // | 728 305 // | 926 461 // | 187 555 // | — | ... | ... | ... | ... |
| Peshawar | 00 00 | 974 110 11 | ... | 400 050 15 | 024 051 21 // | 560 201 56 // | 721 395 // | 910 461 // | 184 511 // | — | ... | — | ... | ... |
| Quetta | 00 00 | 819 044 42 | — | | | 567 201 // | 739 287 // | 921 385 // | ... | ... | — | ... | ... | — |
| Sargodha | 00 00 | 992 110 56 | — | 430 090 45 | 944 048 25 | 552 201 // | 715 275 // | 910 351 // | 196 451 // | 395 491 // | — | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{st}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 150 57 | 800 068 51 | 600 257 29 | 350 271 58 | ... | — | — | ... | — | — | ... | — |
| Dacca | 00 00 | 900 196 57 | 800 114 57 | 600 007 // | 350 253 // | ... | ... | ... | ... | — | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | — | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | — |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 800 186 | 600 077 // | 350 321 // | ... | ... | ... | — | ... | ... | — | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | — | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | | | | | | | | | |
| Bogra | 270 23 | 270 23 | 270 25 | 275 26 | 280 44 | | | | |
| Chaklala | | | | | | | | | |
| Chhor | 250 15 | 265 16 | 270 14 | 270 15 | 255 36 | 235 59 | | | |
| Chittagong | 200 06 | 295 24 | 280 38 | 295 24 | 280 09 | 295 24 | 280 40 | 280 38 | |
| Cherat | | | | | | | | | |
| Cox's Bazar | 305 06 | 315 07 | 335 10 | 325 09 | 325 11 | 325 22 | | | |
| Dacca | 270 19 | 270 15 | 270 15 | 270 17 | 275 15 | 280 32 | 285 44 | 285 47 | 290 62 |
| Dalbandin | | | 080 06 | 090 06 | 215 05 | 240 12 | 245 20 | 255 38 | 260 27 |
| D. I. Khan | 113 06 | 120 06 | 115 06 | 210 07 | 225 08 | 210 08 | 260 21 | 245 05 | |
| Drosh | No | Ascent | | | | | | | |
| Fort Sandeman | | | | 205 04 | 180 10 | 230 24 | 240 38 | | |
| Gilgit | | | | 105 01 | 155 04 | 220 04 | | | |
| Ishurdi | 295 16 | 290 23 | 285 17 | 280 22 | 280 17 | | | | |
| Jacobabad | 210 07 | 210 08 | 245 05 | 190 06 | 265 35 | 270 24 | 275 48 | 270 49 | 275 62 |
| Jessore | 295 10 | 195 10 | 300 11 | 310 15 | 310 19 | 325 32 | | | |
| Jhelum | 180 05 | 160 04 | 160 09 | 145 11 | 165 13 | 180 16 | 235 26 | 230 32 | 230 34 |
| Jiwani | 250 10 | 255 17 | 255 13 | 255 19 | 255 21 | 265 18 | 265 37 | 260 39 | 260 51 |
| Karachi | 280 12 | 270 14 | 270 15 | 270 14 | 265 17 | 245 27 | 245 30 | 250 31 | 250 44 |
| Khanpur | 295 01 | 325 02 | 325 03 | 305 03 | 280 06 | 265 10 | 215 20 | 235 19 | 240 29 |
| Khuzdar | | | | 230 06 | 245 14 | | | | |
| Lahore | 115 02 | 145 08 | 150 06 | 140 06 | /// // | 310 12 | /// // | 205 31 | |
| Multan | 125 09 | 120 07 | 125 05 | 250 09 | 225 19 | 245 45 | 250 45 | | |
| Nawab Shah | 265 01 | 225 02 | 225 06 | 230 14 | 230 25 | 250 33 | | | |
| Nokkundi | | | 165 05 | 220 02 | 270 08 | 240 19 | 245 30 | 240 35 | 270 45 |
| Panjgur | | | | | | | | | |
| Peshawar | | 035 02 | 150 03 | 180 08 | | | | | |
| Parachinar | | | | | 110 03 | 185 05 | | | |
| Quetta | | | | | 240 04 | 260 15 | | | |
| Sargodha | 080 03 | 185 01 | 170 01 | 220 09 | 200 13 | 240 16<br>285 07 | 240 27 | 245 37 | 245 48 |
| Skardu | | | | | | | | | |
| Sylhet | 230 07 | 230 11 | 230 17 | 250 22 | | | | | |
| Veraval | | | | | | | | | |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 300 72 | 310 13 | 375 17 | 320 19 | 343 19 | |
| Bogra | 235 19 | 285 28 | 290 34 | 290 46 | | |
| Chaklala | | 265 35 | 270 04 | 305 06 | | |
| Chhor | | | | | | |
| Chittagong | | | | | | |
| Cherat | | | | | | |
| Cox's Bazar | No | Ascent | | | | |
| Dacca | 285 17 | 300 21 | 300 25 | | | |
| Dalbandin | | | 105 08 | 140 12 | 210 23 | |
| D. I. Khan | 220 04 | 250 05 | 280 12 | 265 07 | 290 01 | 325 23 |
| Drosh | No | Ascent | | | | |
| Fort Sandeman | | | | 025 07 | 024 04 | |
| Gilgit | | | | 215 02 | 190 02 | |
| Ishurdi | 270 24 | 285 24 | 300 31 | 305 25 | | |
| Jacobabad | 150 05 | 125 05 | 110 55 | 185 10 | 195 15 | 205 10 |
| Jessore | 305 13 | 3 0 21 | 315 31 | 300 31 | 275 29 | |
| Jhelum | 350 10 | 360 11 | 360 12 | 340 04 | 260 04 | 290 07 |
| Jiwani | 220 12 | 235 13 | 250 12 | 290 19 | 255 19 | 255 19 |
| Karachi | | | | | | |
| Khanpur | 235 02 | 280 02 | 285 03 | 306 08 | 305 10 | 280 12 |
| Khuzdar | | | | 300 06 | 300 07 | 310 09 |
| Lahore | 025 07 | 010 13 | 355 12 | 325 07 | 315 06 | 230 10 |
| Multan | 040 10 | 360 10 | 350 10 | 360 16 | 288 13 | 290 21 |
| Nawab Shah | 305 12 | 305 15 | 310 11 | 315 02 | 255 15 | 245 02 |
| Nokkundi | No | Ascent | | | | |
| Panjgur | | | | | | |
| Peshawar | | 230 03 | 355 06 | 350 01 | 350 02 | 230 07 |
| Parachinar | | | | | | |
| Quetta | | | | | | |
| Sargodha | 020 12 | 040 10 | 060 03 | 295 05 | 300 06 | 295 05 |
| Skardu | | | | 256 07 | 240 33 | |
| Sylhet | 220 06 | 220 07 | | | | |
| Veraval | | | | | | |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 280 13 | 295 08 | 295 18 | 305 17 | 300 32 | 300 25 | | | | | |
| Bogra | 170 35 | 274 34 | 270 32 | 155 18 | 215 16 | 170 15 | | | | | |
| Chaklala | | 290 04 | 290 03 | 315 09 | 215 01 | 248 02 | 210 15 | 245 21 | 245 29 | | |
| Chhor | 225 03 | 235 05 | 350 08 | 260 15 | 290 23 | 280 20 | 255 17 | 260 20 | 300 11 | | |
| Chittagong | 320 05 | 325 06 | 320 10 | 310 17 | 300 30 | 285 33 | 275 60 | 270 38 | 266 28 | 250 58 | 266 10 |
| Cherat | | | | | | | | | | | |
| Cox's Bazar | 250 10 | 290 08 | 320 09 | 350 10 | 005 17 | 335 18 | | | | | |
| Dacca | 270 08 | 250 15 | 284 16 | 300 15 | 300 20 | 300 22 | 290 29 | 300 44 | 299 54 | 290 40 | 290 67 |
| Dalbandin | | | 095 04 | 250 08 | 275 14 | 280 16 | 290 27 | 270 39 | 270 40 | 270 49 | 255 46 |
| D. I. Khan | | | | | | | | | | | |
| Drosh | | | | 090 05 | 065 03 | 155 03 | | | | | |
| Fort Sandeman | | | | 101 14 | 112 04 | 190 13 | 235 17 | 250 27 | 245 27 | 265 41 | 280 60 |
| Gilgit | | | | | | | | | | | |
| Ishurdi | 280 17 | 290 22 | 285 26 | 280 45 | | | | | | | |
| Jacobabad | 070 14 | 095 18 | 095 16 | 195 10 | 165 09 | 210 06 | 250 43 | 255 47 | 265 59 | 210 66 | 265 70 |
| Jessore | 290 20 | 290 21 | 290 50 | 290 30 | 295 41 | 315 13 | 295 71 | | | | |
| Jhelum | 315 07 | 320 09 | 325 09 | 330 07 | 290 05 | 290 07 | 250 15 | 270 20 | 270 25 | | |
| Jiwani | 280 10 | 270 13 | 265 14 | 295 18 | 295 14 | 265 28 | 260 23 | 250 23 | 245 36 | 250 56 | |
| Karachi | 285 12 | 285 07 | 275 07 | 290 08 | 295 14 | 260 15 | 265 20 | 245 12 | 265 39 | | |
| Khanpur | | | | | | | | | | | |
| Khuzdar | | | | 275 02 | 240 02 | 245 06 | 305 14 | 295 14 | 305 17 | 320 23 | |
| Lahore | 020 08 | 035 08 | 045 08 | 030 10 | 035 08 | 300 14 | 275 09 | 340 12 | 290 23 | 280 52 | 265 27 |
| Multan | | | | | | | | | | | |
| Nawab Shah | 305 10 | 280 10 | 285 20 | 260 21 | 270 09 | 275 45 | 275 18 | 280 20 | 265 47 | | |
| Nokkundi | | | 270 05 | 245 06 | 255 12 | 260 14 | 280 22 | 265 21 | | | |
| Panjgur | | | | 255 06 | 275 05 | 300 10 | 315 15 | 315 21 | 320 71 | | |
| Peshawar | | | | | | | | | | | |
| Parachinar | | | | | | | | | | | |
| Quetta | | | | | 175 12 | 155 15 | | | | | |
| Sargodha | 020 04 | 035 07 | 045 08 | 023 03 | 195 01 | 190 33 | 250 20 | 155 07 | 260 38 | 260 23 | 265 27 |
| Skardu | | | | | | | | | | | |
| Sylhet | 235 17 | 250 18 | 355 14 | 265 13 | 280 49 | 380 27 | | | | | |
| Veraval | | | | | | | | | | | |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 275 25 | 275 25 | 275 25 | 265 19 | 260 20 | 245 27 | 250 32 | 250 42 | 251 21 | 245 61 | 226 08 | — | — | — | — | — | — | — |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

Cloud observation Data (Hili 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

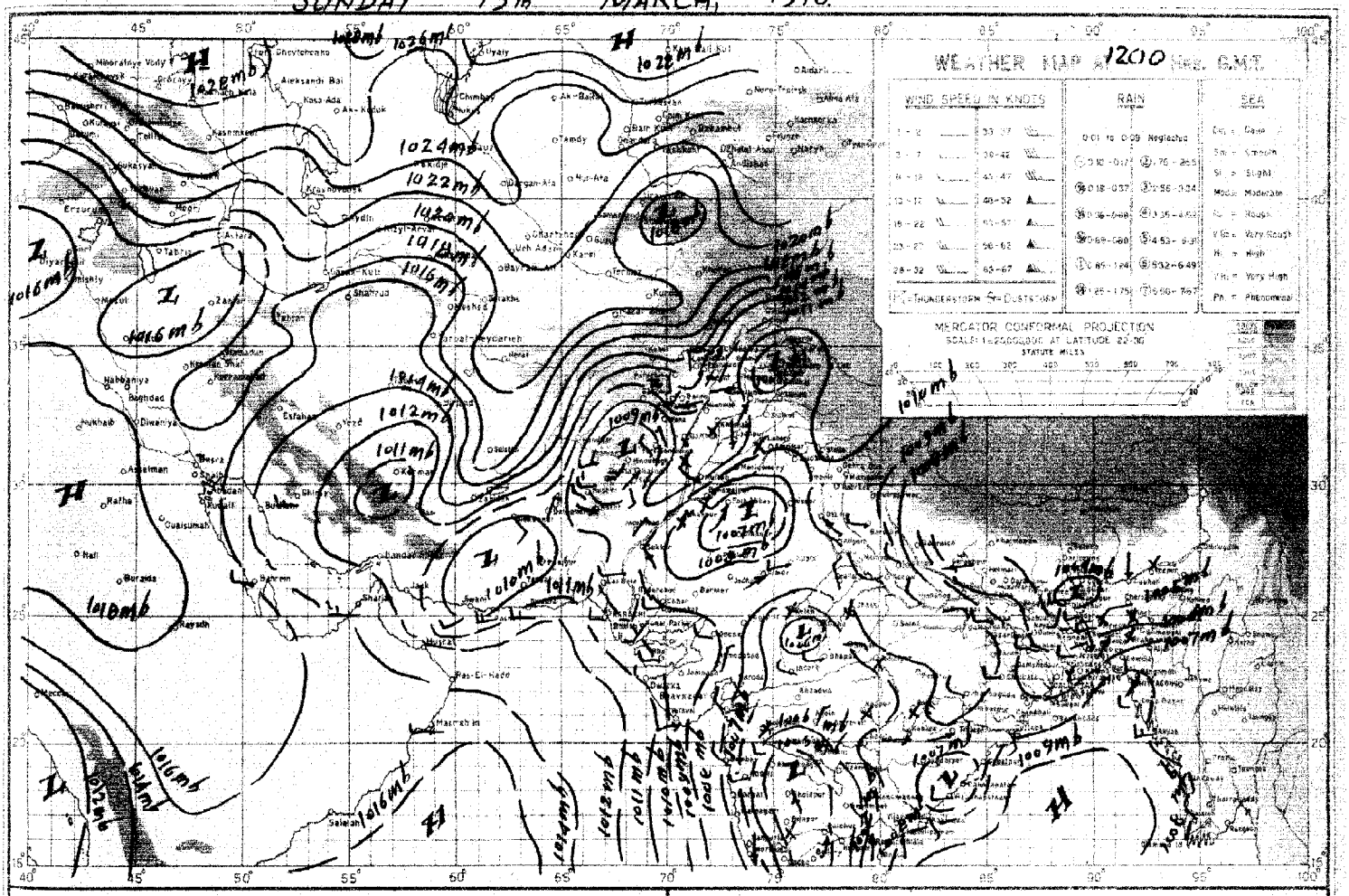
* The actual time of observations may vary within half an hour of the specified time.

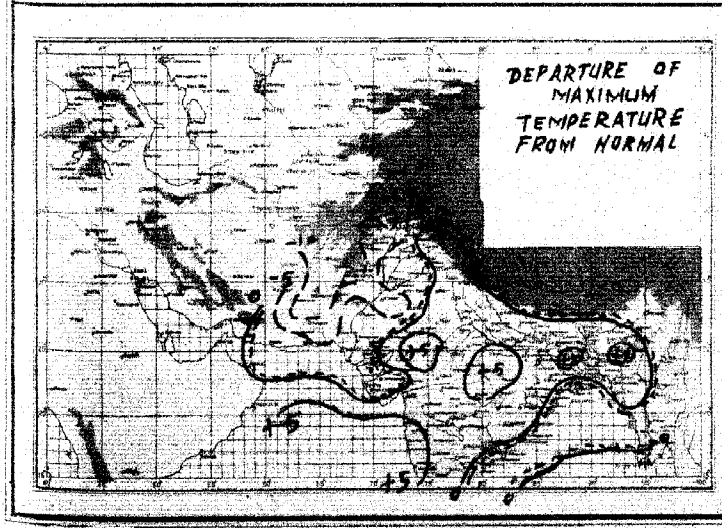
† The first two figures in each column give the wind direction "dd" in tens of degrees (counting from North through East). The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

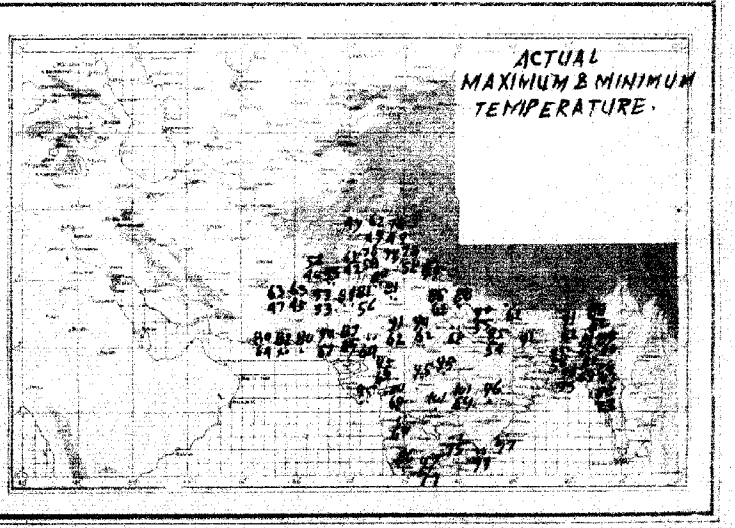
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port) KARACHI—11

# PAKISTAN DAILY WEATHER MAP

SUNDAY 15th MARCH, 1970.

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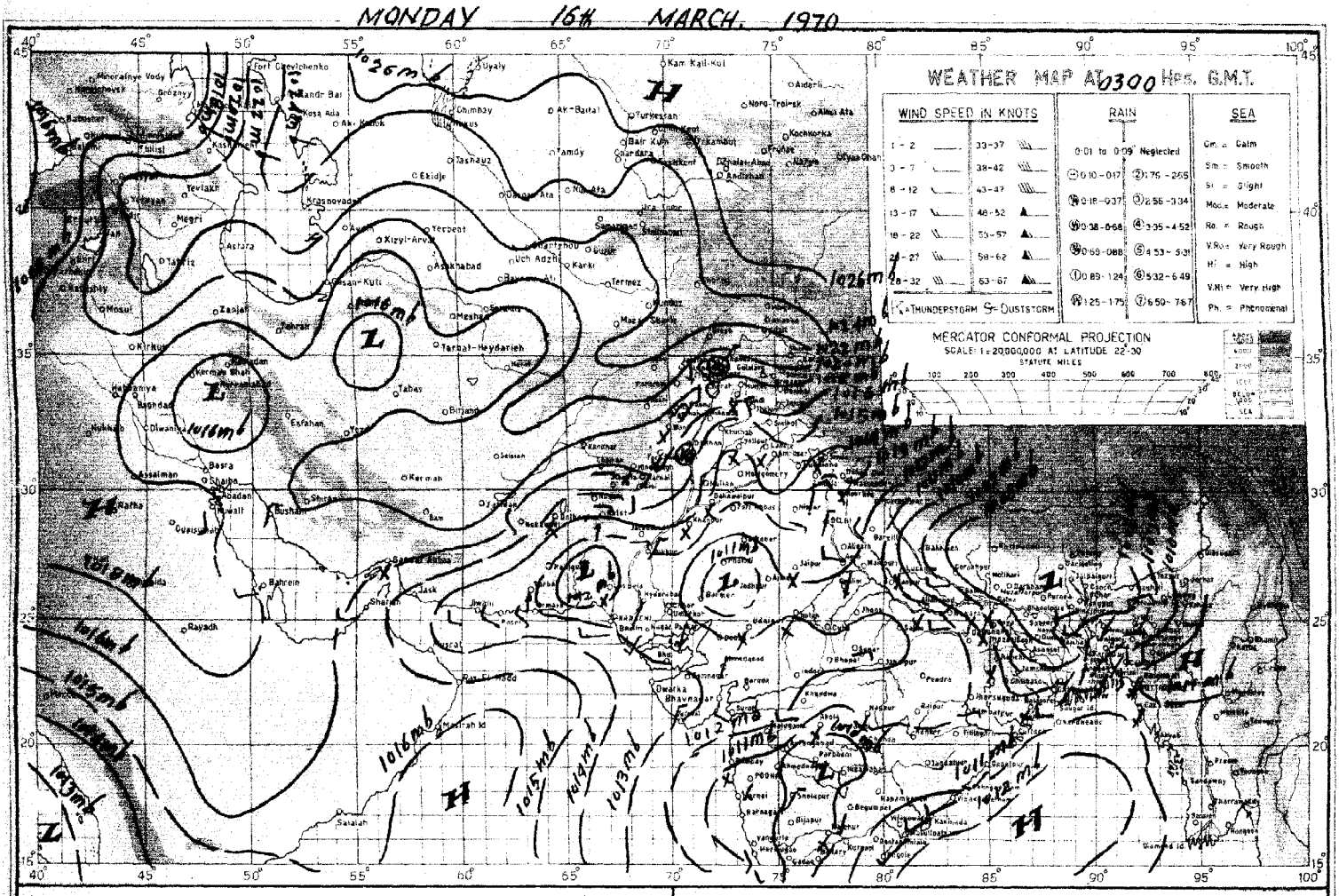
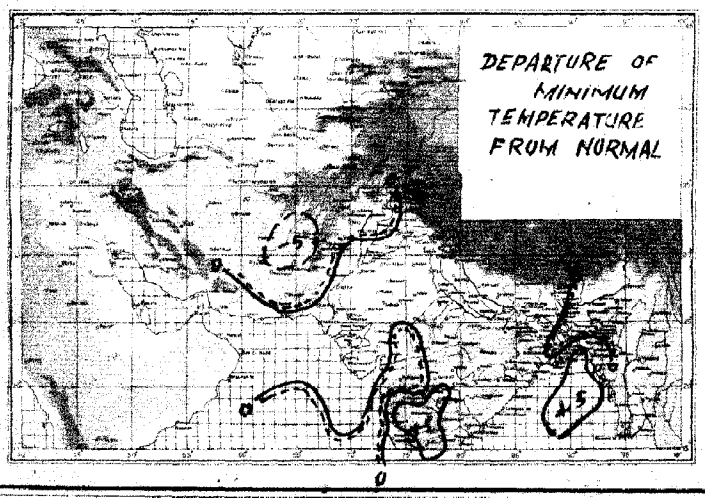
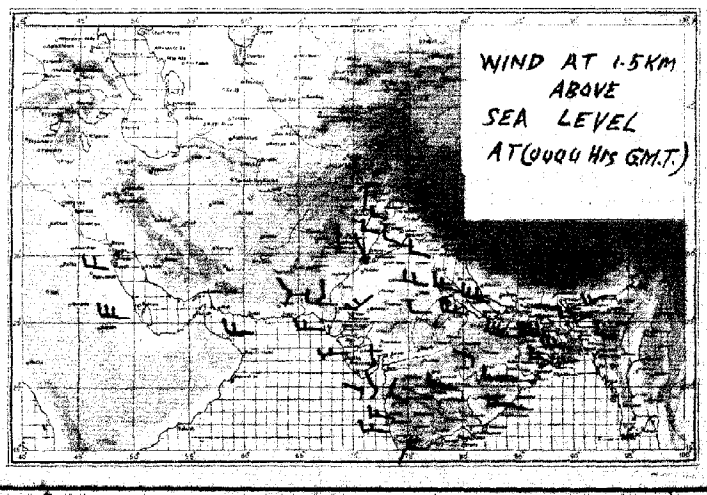
# PAKISTAN DAILY WEATHER MAP

MONDAY 16th MARCH, 1970




RGO No. 1024 RWXD'61-5000'63-5,000'67.

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**TUESDAY THE 17th MARCH, 1970.**

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

Yesterday's western disturbance over Rajasthan and adjoining West Pakistan moved away eastwards.

The western disturbance over Kalat division moved slightly eastwards and now lies over Kalat and Quetta divisions. Its trough extends to Rajasthan. It has caused scattered rain/thundershowers in Peshawar and Quetta divisions and light rain at a few places in Malakand and D. I. Khan divisions. Weather remained dry elsewhere over West Pakistan. Kakul and Loralai each recorded ¼" of rainfall.

The trough of low pressure over West Bengal and neighbourhood persists. Dry weather prevailed over East Pakistan.

Night temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan outside Rajshahi division and in Lahore, Sargodha, Bahawalpur and D. I. Khan divisions and 3 °F (2 °C) below normal in Hyderabad division.

**Forecast valid until the evening of 18th March 1970** :—Local thunderstorms/showers are likely to occur in Malakand, Peshawar, Rawalpindi divisions and Kashmir and scattered in East Pakistau and in Quetta, D. I. Khan, Sargodha, Lahore, Khairpur and Hyderabad divisions. Weather is likely to be dry elsewhere over west Pakistan.

Karachi-11
The 17th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati — | 000 | 0 | 0 | 19 | 02 | 95 | 04 | 0 | 081 | 88 | 0 | 0 | 9 | 0 | 0 | 68 | 95 |
| | Cox's Bazar — | 000 | 0 | 0 | 27 | 12 | 94 | 02 | 0 | 070 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 86 |
| | Chittagong — | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 068 | 85 | 0 | 0 | 9 | 0 | 0 | 72 | 90 |
| | Maijdee Court — | 000 | 9 | 0 | 00 | 00 | 97 | 00 | 0 | 053 | 85 | 0 | 0 | 9 | 0 | 0 | 77 | .. |
| | Comilla — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 041 | 88 | 0 | 0 | 9 | 0 | 0 | 60 | 95 |
| | Sylhet — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 032 | 86 | 0 | 0 | 9 | 0 | 0 | 59 | 93 |
| | Srimangal — | 000 | 0 | 0 | 00 | 00 | 96 | 08 | 0 | 035 | 86 | 0 | 0 | 9 | 0 | 0 | 59 | 96 |
| Dacca | Mymensingh — | 000 | 0 | 6 | 31 | 02 | 96 | 02 | 1 | 036 | 90 | 6 | 0 | 8 | 1 | 0 | 44 | 95 |
| | Narayanganj — | 000 | 0 | 0 | 27 | 02 | 93 | 00 | 0 | 043 | 90 | 0 | 0 | 9 | 0 | 0 | 76 | 90 |
| | Dacca (Tejgaon) — | 000 | 0 | 7 | 00 | 00 | 96 | 05 | 0 | 037 | 91 | 0 | 0 | 9 | 0 | 7 | 50 | 92 |
| | Faridpur — | 000 | 0 | 0 | 09 | 02 | 97 | 00 | 0 | 072 | 91 | 0 | 0 | 9 | 0 | 0 | 44 | 96 |
| Khulna | Barisal — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | - | 052 | 88 | 0 | 0 | 9 | 0 | 8 | 49 | 95 |
| | Khulna — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| | Satkhira — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 043 | 90 | 0 | 0 | 9 | 0 | 0 | 66 | 93 |
| | Jessore — | 000 | 0 | 0 | 26 | 05 | 97 | 02 | 0 | 045 | 91 | 0 | 0 | 9 | 0 | 0 | 49 | 96 |
| Rajshahi | Pabna — | 000 | 0 | 0 | 27 | 09 | 97 | 02 | 0 | 035 | 94 | 0 | 0 | 9 | 0 | 0 | 56 | 96 |
| | Sirajganj — | 000 | 0 | 0 | 27 | 03 | 94 | 00 | 0 | 032 | 91 | 0 | 0 | 9 | 0 | 0 | 49 | 96 |
| | Rajshahi — | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 038 | 90 | 0 | 0 | 9 | 0 | 0 | 60 | 96 |
| | Bogra — | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 026 | 90 | 0 | 0 | 9 | 0 | 0 | 49 | 96 |
| | Dinajpur — | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 012 | 90 | 0 | 0 | 9 | 0 | 0 | 41 | 91 |
| | Rangpur — | 000 | 0 | 0 | 00 | 00 | 94 | 01 | 0 | 030 | 74 | 0 | 0 | 9 | 0 | 0 | 62 | 95 |
| Kashmir | Jammu — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) — | 000 | 0 | 3 | 31 | 05 | 96 | 02 | 1 | 110 | // | 1 | 1 | 6 | 0 | 4 | 48 | // |
| | Sialkot — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 110 | 75 | 0 | 0 | 9 | 6 | 0 | 54 | 84 |
| Rawalpindi | Jhelum — | 000 | 0 | 2 | 31 | 03 | 98 | 02 | 0 | 111 | 77 | 2 | 2 | 6 | 0 | 0 | 48 | 78 |
| | Islamabad — | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | /// | 70 | 2 | 2 | 4 | 3 | 3 | 49 | 70 |
| | Rawalpindi — | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 126 | 60 | 1 | 1 | 8 | 0 | 0 | 52 | 72 |
| | Campbellpur — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab — | 000 | 0 | 3 | 36 | // | 97 | 01 | 1 | 120 | 74 | 3 | 0 | 4 | 2 | 0 | 49 | 80 |
| | Sargodha — | 000 | 0 | 1 | 05 | 02 | 97 | 01 | 1 | 115 | 78 | 1 | 1 | 6 | 0 | 0 | 50 | 82 |
| | Lyallpur — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | Sahiwal — | | | | | | | | | | | | | | | | | |
| | Multan — | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Leiah — | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bahawalpur | Khanpur — | 000 | 0 | 0 | 05 | 05 | 97 | 02 | 0 | 106 | 80 | 0 | 0 | 9 | 0 | 0 | 46 | 80 |
| | Bahawalpur — | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 106 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 82 |
| | Fort Abbas — | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 102 | 78 | 0 | 0 | 9 | 0 | 0 | 59 | // |
| Malakand | Chakdra — | 000 | 0 | 5 | 23 | 02 | 98 | 03 | 1 | 116 | 70 | 0 | 0 | 9 | 0 | 1 | 48 | 70 |
| Peshawar | Peshawar — | 000 | 0 | 6 | 31 | 03 | 98 | 02 | 1 | 133 | 70 | 2 | 3 | 6 | 2 | 1 | 48 | 70 |
| | Haripur — | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 120 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | 73 |
| D. I. Khan | Bannu — | 000 | 0 | 5 | 09 | 02 | 99 | 03 | 2 | 133 | 72 | 3 | 2 | 7 | 6 | 0 | 42 | 74 |
| | D. I. Khan — | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 0 | 131 | 74 | 0 | 0 | 9 | 4 | 0 | 55 | 76 |
| Quetta | Sibi — | 000 | 0 | 2 | 19 | 03 | 97 | 03 | 1 | 144 | 82 | 0 | 2 | 9 | 2 | 0 | 56 | 83 |
| | Nokkundi — | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 084 | 73 | 1 | 5 | 4 | 0 | 0 | 45 | 74 |
| Kalat | Turbat — | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 137 | 82 | 0 | 0 | 9 | 0 | 0 | 45 | 82 |
| | Jiwani — | 000 | 0 | 0 | 27 | 14 | 96 | 01 | 0 | 118 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Pasni — | 000 | 0 | 0 | 25 | 02 | 97 | 02 | 0 | 112 | 82 | 0 | 0 | 9 | 0 | 0 | 59 | 84 |
| Karachi division | Ormara — | 000 | 0 | 0 | 27 | 17 | 96 | 02 | 0 | 121 | 76 | 0 | 0 | 9 | 0 | 0 | 56 | 80 |
| | Lasbela — | 000 | 0 | 0 | 00 | 09 | 98 | 00 | 0 | 088 | 87 | 0 | 0 | 8 | 0 | 0 | 66 | 90 |
| | Karachi (Manora) — | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) — | 000 | 0 | 0 | 23 | 07 | 96 | 03 | 0 | 103 | 79 | 0 | 0 | 9 | 0 | 1 | 57 | 82 |
| Hyderabad | Nagarparkar — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 0 | 9 | 0 | 0 | 63 | 92 |
| | Chhor — | 000 | 0 | 0 | 27 | 05 | 96 | 01 | 0 | 088 | 86 | 0 | 0 | 9 | 0 | 0 | 42 | 89 |
| | Hyderabad — | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 096 | 88 | 0 | 0 | 9 | 0 | 0 | 45 | 91 |
| | Badin — | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 1 | 108 | 88 | 0 | 0 | 9 | 0 | 0 | 49 | 90 |
| Khairpur | Padidan — | 000 | 0 | 1 | 31 | 05 | 96 | 03 | 0 | 092 | 85 | 0 | 0 | 9 | 0 | 1 | 35 | 86 |
| | Nawabshah — | 000 | 0 | 1 | 31 | 05 | 96 | 03 | 0 | 102 | 87 | 0 | 0 | 9 | 0 | 1 | 73 | 88 |
| | Sukkur — | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 097 | 82 | 0 | 0 | 9 | 0 | 0 | 55 | 85 |
| | Kashmore — | | | | | | | | | | | | | | | | | |
| | Jacobabad — | 000 | 0 | 2 | 09 | 03 | 97 | 02 | 0 | 098 | 84 | 0 | 0 | 9 | 0 | 0 | 61 | 85 |
| Junagadh | Veraval — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * — | | | | | | | | | | | | | | | | | |
| | Gulmarg ** — | | | | | | | | | | | | | | | | | |
| | Sonamarg ** — | | | | | | | | | | | | | | | | | |
| | Dras ** — | | | | | | | | | | | | | | | | | |
| | Leh ** — | | | | | | | | | | | | | | | | | |
| | Skardu * — | | | | | | | | | | | | | | | | | |
| | Misgar ** — | | | | | | | | | | | | | | | | | |
| | Aliabad * — | | | | | | | | | | | | | | | | | |
| | Gilgit * — | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * — | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * — | ... | .. | . | .. | ... | ... | ... | ... | ... | ... | | | .. | ... | .. | ... | ... |
| Peshawar | Cherat * — | 000 | 0 | 0 | 36 | 07 | 98 | 02 | 0 | 509 | 55 | 0 | 0 | 9 | 0 | 0 | 41 | 57 |
| | Kakul * — | 018 | 3 | 4 | 13 | 02 | 97 | 03 | 9 | 493 | 58 | 2 | 1 | 6 | 3 | 0 | 41 | 62 |
| | Landikotal * — | 0.0 | 0 | 8 | 36 | 02 | 98 | 03 | 8 | 420 | 58 | 8 | 7 | 6 | / | / | 51 | 59 |
| | Parachinar * — | ... | .. | | ... | | | | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... |
| D.I. Khan | Miranshah * — | 000 | 0 | 8 | 05 | 05 | 96 | 01 | 0 | 533 | 55 | 0 | 0 | 9 | 0 | 0 | 48 | 55 |
| | Wana * — | 000 | 0 | 7 | 00 | 00 | 99 | 02 | 0 | 480 | 62 | 3 | 2 | 8 | 0 | 0 | 48 | 62 |
| Quetta | Fort Sandeman * — | 000 | 5 | 7 | 33 | 03 | 96 | 03 | 2 | 475 | 63 | 6 | 4 | 7 | 3 | 0 | 32 | 64 |
| | Hindubagh * — | 000 | 0 | 6 | 23 | 05 | 97 | 80 | 0 | /// | 50 | 6 | 2 | 4 | 0 | 0 | 46 | 54 |
| | Loralai * — | 000 | 0 | 8 | 27 | 05 | 97 | 01 | 0 | 500 | 58 | 0 | 1 | 9 | 0 | 8 | 48 | 60 |
| | Barkhan * — | 000 | 0 | 8 | 23 | 05 | 97 | 03 | 2 | 488 | 67 | 8 | 7 | 7 | 0 | 0 | 37 | 68 |
| | Harnai * — | 000 | 0 | 9 | 91 | 02 | 96 | 50 | 0 | 470 | 62 | 0 | 0 | 7 | 0 | 9 | 47 | 70 |
| | Samungli (Quetta) * — | 000 | 0 | 8 | 27 | 10 | 96 | 01 | 0 | 467 | 56 | 4 | 6 | 9 | 3 | 0 | 37 | 57 |
| | Chaman * — | 000 | 0 | 0 | 18 | 05 | 97 | 01 | 0 | 497 | 58 | 0 | 0 | 9 | 0 | 0 | 49 | 59 |
| | Nushki * — | 001 | 0 | 3 | 27 | 03 | 97 | 01 | 8 | 535 | 57 | 0 | 0 | 9 | 0 | 2 | 49 | 67 |
| | Dalbandin * — | 000 | 0 | 1 | 00 | 00 | 98 | 01 | 1 | 489 | 71 | 0 | 0 | 9 | 0 | 0 | 33 | 72 |
| Kalat | Kalat * — | 000 | 0 | 0 | 27 | 03 | 99 | 00 | 2 | 475 | 56 | 0 | 0 | 9 | 0 | 0 | 16 | 57 |
| | Khuzdar * — | 000 | 0 | 1 | 23 | 02 | 97 | 01 | 0 | 470 | 71 | 1 | 5 | 6 | 0 | 0 | 30 | 72 |
| | Panjgur * — | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 483 | 73 | 0 | 0 | 9 | 0 | 0 | 43 | 76 |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 0 | 118 | 84 | 0 | 0 | 9 | 0 | 0 | 72 | 76 | — | — | — | — | — | - |
| | Cox's Bazar | 000 | 0 | 4 | 36 | 05 | 96 | 02 | 0 | 103 | 82 | 2 | 5 | 7 | 2 | / | 75 | 73 | — 1 | + 6 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 0 | 03 | 00 | 96 | 01 | 2 | 106 | 81 | 7 | 7 | 3 | 0 | 0 | 76 | 79 | + 3 | + 2 | 1.4 | — 4.2 | 0.6 | 108 |
| | Maijdee Court | 000 | 8 | 0 | 18 | 02 | 98 | 00 | 0 | 103 | .. | 0 | 0 | 9 | 0 | 0 | 77 | 72 | / | + 1 | — | — | — | 115 |
| | Comilla | 000 | 9 | 0 | 30 | 00 | 96 | 03 | 0 | 181 | 79 | 0 | 0 | 9 | 0 | 0 | 68 | 77 | | / | — | — | — | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 27 | 05 | 97 | 00 | 0 | 099 | 82 | 0 | 0 | 9 | 0 | 0 | 60 | 68 | — | — | 2.5 | — 1.5 | 1.2 | 78 |
| | Sylhet | 030 | 8 | 0 | 13 | 02 | 96 | 02 | 0 | 092 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 65 | — | — | — | — | — | — |
| | Srimangal | 000 | 0 | 0 | 18 | 02 | 96 | 00 | 8 | 091 | 82 | 0 | 0 | 9 | 0 | 0 | 63 | 65 | + 6 | + 4 | — | — | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 31 | 04 | 97 | 00 | 0 | 090 | 84 | 0 | 0 | 9 | 0 | 0 | 40 | 70 | + 7 | + 4 | 1.6 | — 1.4 | 1.4 | 91 |
| | Narayanganj | 000 | 0 | 0 | 23 | 02 | 97 | 00 | 0 | 093 | // | 0 | 0 | 9 | 0 | 0 | 81 | 68 | 0 | — 1 | 2.9 | — 0.8 | 1.6 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 23 | 01 | 97 | 02 | 0 | 095 | 82 | 0 | 0 | 9 | 0 | 0 | 54 | 72 | — | — | | | | |
| | Faridpur | 000 | 0 | 0 | 02 | 02 | 97 | 08 | 0 | 095 | 86 | 0 | 0 | 9 | 0 | 0 | 49 | 67 | + 6 | 0 | 2.6 | — 1.4 | 2.0 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 33 | 03 | 97 | 02 | 0 | 104 | 82 | 0 | 0 | 9 | 0 | 0 | 56 | 69 | + 5 | 0 | 2.2 | — 2.0 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 100 | 85 | 0 | 0 | 9 | 0 | 0 | 63 | 73 | | + 4 | — | | | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 100 | 84 | 0 | 0 | 9 | 0 | 8 | 79 | 68 | 0 | — 1 | 3.2 | — 1.1 | 3.0 | 65 |
| | Jessore | 000 | 0 | 0 | 25 | 03 | 97 | 02 | 0 | 097 | 82 | 0 | 0 | 9 | 0 | 0 | 52 | 67 | — | — | — | — | — | 65 |
| Rajshahi | Pabna | 003 | 0 | 0 | 27 | 05 | 98 | 02 | 0 | 095 | 84 | 0 | 0 | 9 | 0 | 0 | 49 | 65 | — | — | 4.0 | — | 3.0 | 89 |
| | Sirajganj | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 084 | 82 | 0 | 0 | 9 | 0 | 0 | 49 | 65 | + 6 | + 1 | — | | — | 64 |
| | Rajshahi | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 087 | 84 | 0 | 0 | 9 | 0 | 0 | 58 | 67 | + 5 | + 2 | 4.5 | + 2.1 | 1.6 | — |
| | Bogra | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 077 | 82 | 0 | 0 | 9 | 0 | 0 | 42 | 63 | + 5 | — 1 | — | — | | 89 |
| | Dinajpur | 000 | 0 | 0 | 17 | 03 | 96 | 00 | 0 | 061 | 81 | 0 | 0 | 9 | 0 | 0 | 49 | 69 | + 1 | + 8 | — | — | — | 72 |
| | Rangpur | 000 | 0 | 0 | 27 | 09 | 96 | 01 | 0 | 079 | 73 | 0 | 0 | 9 | 0 | 0 | 65 | 63 | + 7 | + 2 | 2.7 | + 0.7 | 1.2 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 128 | 64 | 0 | 0 | 9 | 0 | 0 | 47 | 60 | / | + 6 | — | — | — | 19 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | 33 |
| Rawalpindi | Jhelum | 000 | 0 | 1 | 31 | 12 | 98 | 01 | 0 | 129 | 62 | 4 | 0 | 9 | 3 | 0 | 51 | 54 | — | — | 5.2 | — | 5.2 | — |
| | Islamabad | 000 | 0 | 7 | 00 | 00 | 96 | 01 | 0 | /// | 60 | 1 | 2 | 8 | 0 | 0 | 46 | 54 | — | — | — | — | — | — |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 139 | 56 | 0 | 0 | 9 | 0 | 0 | 51 | // | — 4 | / | 8.0 | 0 0 | 7.8 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 003 | 0 | 1 | 00 | 00 | 96 | 04 | 1 | 130 | 61 | / | 0 | 9 | 3 | 0 | 56 | 55 | 0 | — 1 | 1.5 | — 1.2 | 1.5 | 15 |
| | Sargodha | | | | | | | | | | | | | | | | | | — | | | | | — |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 119 | 60 | 0 | 0 | 9 | 0 | 0 | 36 | 58 | | + 3 | — | — | — | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 0 | 35 | 03 | 97 | 02 | 0 | 144 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | | — 2 | — | — | — | 7 |
| | Leiah | 000 | 0 | 8 | 34 | 00 | 97 | 00 | 0 | 136 | 60 | 0 | 0 | 9 | 0 | 0 | 56 | // | | | — | — | — | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 8 | 05 | 16 | 97 | 00 | 0 | 140 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 58 | — 9 | + 3 | — | — | — | 6 |
| | Bahawalpur | 000 | 0 | 0 | 08 | 00 | 96 | 00 | 0 | 138 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | — 5 | — 1 | 0.2 | — 0.8 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 104 | 69 | 0 | 0 | 9 | 0 | 0 | 35 | 59 | — | — | — | — | — | 6 |
| Malakand | Chakdra | 000 | 0 | 3 | 00 | 00 | 98 | 01 | 1 | 132 | 54 | 3 | 0 | 4 | 3 | 0 | 49 | 49 | — | — | 5.9 | — | 4.9 | — |
| Peshawar | Peshawar | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 49 | 0 | 0 | 9 | 0 | 0 | 43 | 47 | — 5 | — 6 | 3.8 | — 1.5 | 3.1 | 11 |
| | Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 144 | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 51 | — | | 8.1 | | 7.2 | — |
| D. I. Khan | Bannu | 000 | 0 | 2 | 27 | 01 | 99 | 01 | 1 | 137 | 56 | 2 | 2 | 7 | 0 | 0 | 47 | 50 | — | — | 7.9 | — | 7.4 | 11 |
| | D. I. Khan | 002 | 0 | 2 | 00 | 00 | 97 | // | 5 | /// | // | 0 | 0 | 9 | 0 | 0 | 51 | 60 | — 6 | + 4 | 8.4 | + 6.4 | 8.4 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 36 | 03 | 97 | 03 | 1 | 156 | 64 | 4 | 2 | 9 | 4 | 2 | 60 | 55 | — | — | 0.6 | — | 0.6 | 9 |
| | Nokkundi | 000 | 0 | 4 | 35 | 13 | 96 | 03 | 0 | 130 | 57 | 4 | 6 | 9 | 0 | 0 | 43 | 53 | — | — | 2.5 | — | 2.5 | 1 |
| Kalat | Turbat | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 153 | 63 | 0 | 0 | 9 | 0 | 0 | 56 | 62 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 1 | 29 | 07 | 96 | 02 | 0 | 126 | 68 | / | 6 | 5 | 0 | 0 | 72 | 66 | — | — | 9.2 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 4 | 11 | 08 | 97 | 02 | 0 | 109 | 67 | 4 | 0 | 9 | 0 | 0 | 54 | // | 0 | / | 2.5 | — 2.1 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 14 | 96 | 02 | 0 | 134 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | // | — | — | 2.9 | — 1.8 | 2.9 | 6 |
| | Lasbela | 000 | 0 | 0 | 07 | 00 | 98 | 00 | 0 | 122 | 65 | 0 | 0 | 8 | 0 | 0 | 61 | 61 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 115 | 66 | 0 | 0 | 9 | 0 | 0 | 60 | 61 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 143 | 69 | 0 | 0 | 9 | 0 | 0 | 61 | 69 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 0 | 23 | 02 | 96 | 03 | 0 | 116 | 63 | 0 | 0 | 9 | 0 | 0 | 57 | 58 | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | 000 | 0 | 0 | 34 | 02 | 97 | 02 | 0 | 129 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 62 | — 2 | — 3 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 000 | 0 | 0 | 33 | 01 | 97 | 02 | 0 | 130 | 63 | 0 | 0 | 9 | 0 | 0 | 58 | 62 | — 3 | — 1 | 0.1 | — 0.7 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 05 | 04 | 96 | 02 | 0 | 126 | 66 | 0 | 0 | 9 | 0 | 0 | 53 | 58 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 131 | 63 | 0 | 0 | 9 | 0 | 0 | 55 | 56 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 0 | 0 | 16 | 09 | 96 | 02 | 0 | 129 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 64 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 1 | 09 | 03 | 96 | 03 | 0 | 126 | 69 | : | 5 | 6 | 0 | 0 | 65 | 64 | — 6 | + 2 | 2.2 | + 1.2 | 2.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 28 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 24 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Malakand | Drosh | 003 | 2 | 8 | 00 | 00 | 95 | 60 | 6 | 547 | // | 6 | 4 | 6 | 2 | / | // | // | | / | — | — | — | 29 |
| Peshawar | Cherat | 000 | 0 | 0 | 12 | 07 | 98 | 02 | 0 | 502 | 81 | 0 | 0 | 9 | 0 | 8 | 35 | 45 | — 3 | — 2 | 6.0 | — 4.3 | 5.3 | — |
| | Kakul | 018 | 0 | 2 | 36 | 03 | 98 | 01 | 1 | 493 | 49 | 0 | 0 | 9 | 3 | 0 | 38 | 43 | — | — | 13.8 | — | 13.8 | — |
| | Landikotal | 000 | 0 | 6 | 36 | 02 | 98 | 03 | 6 | 612 | 43 | 6 | 7 | 6 | / | / | 40 | 35 | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar | 009 | 0 | 1 | 08 | 00 | 97 | 01 | 6 | 502 | 52 | 1 | 2 | 7 | 0 | 0 | 32 | 38 | | — 1 | — | — | — | 19 |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 536 | // | 0 | 0 | 9 | 0 | 0 | 49 | 43 | — | — | 0.1 | — 5.4 | 0.1 | 11 |
| | Wana | .. | . | .. | . | .. | ... | ... | . | ... | ... | .. | .. | ... | ... | ... | .. | ... | — | | | | | 13 |
| Quetta | Fort Sandeman | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 496 | 46 | 2 | 5 | 7 | 2 | 2 | 44 | 45 | — 7 | 0 | 2.4 | — 1.0 | 2.4 | — |
| | Hindubagh | 030 | 0 | 8 | 00 | 00 | 97 | 03 | 0 | /// | 40 | 8 | 3 | 4 | 0 | 0 | 31 | 27 | — | — | 1.7 | — | 1.5 | 9 |
| | Loralai | 030 | 0 | 6 | 27 | 04 | 98 | 01 | 0 | 495 | 48 | 0 | 1 | 9 | 0 | 6 | 39 | // | — | — | 2.2 | — | 2.1 | — |
| | Barkhan | 000 | 0 | 8 | 05 | 02 | 97 | 03 | 1 | 440 | 50 | 8 | 7 | 7 | 0 | 0 | 44 | 46 | — | — | 0.5 | — | 0.5 | 14 |
| | Harnai | 000 | 0 | 9 | 31 | 03 | 96 | 03 | 9 | 469 | 55 | 0 | 0 | 8 | 0 | 9 | 47 | 53 | — | — | 2.6 | — 1.7 | 2.6 | 9 |
| | Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 1 | 494 | 43 | 6 | 5 | 6 | 3 | 0 | 37 | 27 | — | — | 3.4 | — 3.2 | 2.8 | 9 |
| | Chaman | 000 | 8 | 0 | 09 | 03 | 97 | 00 | 0 | 489 | 42 | 0 | 0 | 9 | 0 | 0 | 37 | 40 | — 8 | — 6 | 7.7 | + 1.9 | 7.7 | — |
| | Nushki | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 526 | 38 | 4 | 5 | 7 | 4 | 0 | 34 | 54 | — | — | 3.5 | — | 3.5 | 4 |
| | Dalbandin | 000 | 0 | 3 | 13 | 03 | 98 | 01 | 1 | 479 | // | 3 | 3 | 6 | 0 | 0 | 46 | 49 | — 5 | + 2 | 3.3 | + 0.5 | 3.3 | 7 |
| Kalat | Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 499 | 48 | 0 | 0 | 9 | 0 | 0 | 36 | 35 | — 5 | — 2 | 3.0 | — 1.4 | 3.0 | — |
| | Khuzdar | 003 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 487 | 57 | 0 | 0 | 9 | 0 | 0 | 42 | 51 | — | — | 2.5 | — | 2.5 | 5 |
| | Panjgur | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 472 | 51 | 0 | 0 | 9 | 0 | 0 | 46 | 58 | — 1 | + 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 RRR is given 888 see the summary above for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 17th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

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

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | At surface and Standard Isobaric Levels | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 005 228 18 | ... | 450 154 57 | 067 030 56 | 576 073 57 | 747 185 56 | 955 337 56 | 227 557 // | 406 613 // | ... | --- | ... | --- |
| Dacca | 00 00 | 006 222 58 | -- | 410 156 60 | 076 080 // | 579 305 // | 750 165 // | 961 285 // | 238 495 // | 422 617 // | ... | --- | ... | --- |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 008 205 31 | ... | 450 114 48 | 067 300 38 | 571 131 // | 738 225 // | 944 361 // | 218 481 // | ... | ... | --- | ... | ... |
| Multan | 00 00 | 998 134 64 | ... | 465 124 58 | 088 020 30 | 586 131 // | 739 171 // | 950 265 // | ... | --- | ... | ... | ... | ... |
| Peshawar | 00 00 | 971 124 33 | ... | 400 114 56 | 064 030 57 | 571 131 // | 737 251 // | 941 371 // | 214 265 // | ... | ... | --- | --- | ... |
| Quetta | 00 00 | MISDA | --- | ... | ... | -- | -- | ... | ... | ... | ... | --- | ... | ... |
| Sargodha | 00 00 | | | | | | | | | | --- | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | /// /// // | /// /// // | 713 009 46 | 675 038 50 | 600 000 48 | 350 259 57 | --- | ... | ... | ... | --- | --- |
| Dacca | 00 00 | 300 210 61 | 800 136 61 | 600 016 // | 350 209 // | ... | --- | ... | ... | --- | ... | ... | --- |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | 200 216 62 | ... | ... |
| Karachi | 00 00 | ... | ... | --- | ... | ... | ... | ... | ... | ... | --- | ... | --- |
| Multan | 00 00 | --- | ... | ... | ... | ... | --- | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | --- | ... | --- | --- | ... | ... | --- | --- | --- |
| Quetta | 00 00 | MISDA | --- | ... | ... | ... | ... | ... | ... | ... | --- | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | --- | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | At 1200 hrs. G.M.T. † of Previous day (dd ff) 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 225 18 | 245 19 | 255 19 | 290 19 | 305 20 | 315 35 | ... | . | - |
| Bogra | 290 19 | 295 31 | | | ... | | | | . |
| Chaklala | | 285 13 | 270 11 | 270 09 | 035 03 | 045 05 | 105 08 | 215 10 | 260 13 |
| Chhor | 275 09 | 290 09 | 290 09 | 300 12 | 290 08 | 270 18 | 265 27 | 260 31 | 260 39 |
| Chittagong | 230 06 | 285 05 | 300 05 | /// // | 305 19 | /// // | 260 31 | /// // | 245 39 |
| Cherat | | ... | ... | --- | ... | ... | | ... | --- |
| Cox's Bazar | 295 17 | 220 19 | 340 23 | 350 29 | 360 23 | 290 20 | 350 12 | 020 15 | ... |
| Dacca | 270 12 | 265 17 | 270 17 | 270 20 | 275 23 | | ... | | --- |
| Dalbandin | | | 255 06 | 245 06 | 250 05 | 235 11 | 263 28 | 260 36 | 255 46 |
| D. I. Khan | 030 02 | 070 03 | 065 04 | 135 03 | 215 03 | 195 04 | --- | --- | ... |
| Drosh | --- | ... | --- | 050 01 | 110 02 | 185 06 | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 175 03 | 195 06 | 225 11 | 260 37 | ... | ... |
| Gilgit | | | | - | 255 06 | /// // | 120 03 | ... | --- |
| Ishurdi | 290 25 | 290 29 | 285 29 | | ... | ... | | ... | |
| Jacobabad | 045 05 | 090 04 | 115 13 | 160 03 | 260 04 | 275 19 | 265 35 | 260 61 | 250 78 |
| Jessore | 280 18 | 290 21 | 295 24 | 290 34 | 290 25 | 290 29 | | .. | .. |
| Jhelum | 295 07 | 320 08 | 320 12 | 340 08 | 040 04 | 130 08 | 240 12 | 255 22 | 260 29 |
| Jiwani | 255 17 | 250 19 | 245 15 | 240 09 | 265 11 | 255 23 | 255 27 | 255 41 | 255 48 |
| Karachi | 279 04 | 325 04 | 345 00 | 350 04 | 305 13 | 260 19 | 255 28 | 250 39 | 258 36 |
| Khanpur | 045 08 | 060 10 | 080 10 | 080 05 | 110 03 | 200 06 | 225 11 | 295 20 | 245 21 |
| Khuzdar | ... | | | 245 02 | 205 02 | 270 07 | 250 13 | 245 23 | 260 25 |
| Lahore | 350 11 | 345 13 | 340 13 | 340 13 | 230 06 | 270 03 | 310 04 | 265 13 | 270 21 |
| Multan | 035 09 | 075 04 | 090 07 | 125 08 | 210 10 | | .. | .. | ... |
| Nawab Shah | 305 05 | 350 03 | 355 03 | 305 09 | 270 16 | 265 25 | 250 37 | | .. |
| Nokkundi | ... | ... | 200 01 | 010 02 | 225 06 | 245 30 | 260 32 | 270 31 | 270 45 |
| Panjgur | ... | | | 250 05 | 255 05 | 255 05 | 250 19 | 250 20 | 260 25 |
| Peshawar | ... | 045 01 | 015 01 | 345 02 | 255 02 | 205 05 | 230 23 | 250 31 | 250 27 |
| Parachinar | ... | ... | .. | - | | | ... | ... | ... |
| Quetta | | | | ... | 250 05 | 210 16 | | | |
| Sargodha | 020 05 | 015 04 | 025 04 | 070 01 | 255 02 | 235 04 | 256 18 | 250 22 | 255 27 |
| Skardu | | | | 225 09 | | | ... | — | . |
| Sylhet | 245 11 | 235 15 | 250 19 | 245 25 | 250 37 | 245 53 | ... | - | ... |
| Veraval | ... | ... | | --- | ... | - | | ... | --- |

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | At 0000 hrs. G.M.T. † of date (dd ff) 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 310 05 | 315 13 | 290 14 | 320 30 | ... | ... |
| Bogra | 260 11 | 260 17 | 270 21 | 275 31 | 275 37 | .. |
| Chaklala | ... | 115 02 | 160 08 | 320 02 | 130 07 | 165 04 |
| Chhor | 300 11 | 305 12 | 305 12 | 310 02 | 275 07 | 240 23 |
| Chittagong | ... | ... | --- | --- | --- | .. |
| Cherat | ... | ... | . | - | | ... |
| Cox's Bazar | 355 05 | 355 06 | 345 03 | 315 02 | 335 05 | ... |
| Dacca | 300 22 | 300 23 | 305 15 | 360 07 | 285 33 | 050 02 |
| Dalbandin | | --- | 060 06 | 125 05 | 180 10 | ... |
| D. I. Khan | 355 11 | 340 08 | 315 06 | 280 06 | 240 07 | 205 04 |
| Drosh | No | Ascent | --- | ... | | --- |
| Fort Sandeman | . | --- | --- | 045 03 | 080 07 | 250 11 |
| Gilgit | ... | .. | --- | 120 08 | 105 05 | ... |
| Ishurdi | 300 15 | 310 31 | 305 39 | ... | .. | - |
| Jacobabad | 095 19 | 085 15 | 080 17 | 007 05 | 165 03 | 200 05 |
| Jessore | 310 10 | 325 25 | 320 27 | 295 35 | ... | ... |
| Jhelum | 305 14 | 335 13 | 330 11 | 205 06 | 020 04 | ... |
| Jiwani | 260 14 | 270 09 | 275 09 | 232 11 | 285 17 | 270 35 |
| Karachi | ... | ... | .. | ... | | --- |
| Khanpur | - | ... | ... | | ... | ... |
| Khuzdar | .. | --- | ... | 145 04 | 170 07 | 205 19 |
| Lahore | 340 07 | 050 02 | 301 // | 340 12 | 345 07 | .. |
| Multan | 010 02 | 020 21 | 110 06 | 270 10 | 120 22 | 270 23 |
| Nawab Shah | 065 11 | 075 13 | 355 06 | 005 06 | 290 04 | 230 15 |
| Nokkundi | - | --- | 050 12 | 070 04 | 100 08 | 120 10 |
| Panjgur | ... | ... | ... | 005 04 | 350 06 | 245 13 |
| Peshawar | ... | 140 01 | 170 01 | 180 08 | 220 07 | 235 08 |
| Parachinar | ... | . | --- | 245 03 | 055 03 | ... |
| Quetta | - | ... | | ... | 200 06 | 190 10 |
| Sargodha | 345 08 | 345 13 | 330 09 | 270 04 | 270 12 | 255 12 |
| Skardu | | | | 285 04 | 100 03 | — |
| Sylhet | 250 12 | 285 22 | 305 22 | 270 21 | 270 13 | — |
| Veraval | - | --- | -- | - | -- | - |

| Heights in Kms. a.s.l. → | 0.3 | 0.4 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | At 0600 hrs. G.M.T. † of date (dd ff) 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 305 13 | 315 17 | 325 21 | 320 29 | 315 27 | 305 33 | ... | - | --- | --- | ... |
| Bogra | 305 17 | 270 13 | 295 25 | 295 45 | ... | ... | - | - | - | ... | - |
| Chaklala | ... | 260 06 | 255 06 | 145 02 | 110 04 | 360 05 | 240 10 | 230 05 | 255 30 | . | --- |
| Chhor | 260 05 | 245 03 | 010 04 | 030 08 | 345 05 | 315 19 | 300 17 | 285 21 | 265 23 | 275 33 | ... |
| Chittagong | 300 10 | 310 09 | 305 08 | 290 15 | 290 29 | 275 30 | 275 33 | 280 34 | 265 31 | 265 35 | 245 39 |
| Cherat | | — | | ... | | ... | | | | --- | ... |
| Cox's Bazar | 325 12 | 330 17 | 325 19 | 310 07 | 355 06 | 300 04 | 350 22 | 355 27 | 355 28 | ... | ... |
| Dacca | 290 23 | 285 19 | 280 12 | 285 27 | 290 32 | 275 41 | 285 53 | 285 58 | 285 53 | 265 58 | 270 95 |
| Dalbandin | ... | --- | 070 07 | 140 09 | 195 12 | 265 13 | 245 13 | 245 29 | 255 45 | 245 41 | 245 43 |
| D. I. Khan | 325 10 | 335 10 | 335 10 | 270 04 | 225 05 | 215 11 | 260 10 | ... | --- | ... | .. |
| Drosh | ... | ... | ... | ... | .. | ... | .. | --- | | | |
| Fort Sandeman | --- | --- | — | 090 01 | 270 14 | 280 06 | 225 32 | 210 40 | 220 46 | 265 49 | 265 61 |
| Gilgit | - | ... | ... | --- | --- | - | ... | - | ... | ... | - |
| Ishurdi | 285 13 | 280 11 | 290 33 | — | ... | - | - | .. | ... | | .. |
| Jacobabad | 090 19 | 130 16 | 140 12 | 210 03 | 180 07 | 190 09 | 245 21 | 230 25 | 235 34 | 240 55 | 245 62 |
| Jessore | 285 23 | 285 21 | 285 13 | 305 21 | 305 37 | 285 40 | 265 56 | .. | --- | ... | ... |
| Jhelum | 305 08 | 325 09 | 335 06 | 270 01 | | 220 09 | 220 08 | 260 44 | 240 03 | --- | - |
| Jiwani | --- | | --- | | .. | ... | .. | | | ... | .. |
| Karachi | 285 02 | 290 02 | 090 04 | 005 08 | 235 04 | 250 30 | 240 24 | 250 25 | 345 35 | | |
| Khanpur | 045 13 | 075 14 | 090 13 | 095 10 | 270 03 | 135 03 | 255 04 | 295 06 | 240 12 | 195 15 | 230 25 |
| Khuzdar | | | .. | 175 04 | 185 04 | 245 13 | 250 23 | 255 10 | 255 49 | 370 47 | |
| Lahore | 335 06 | 330 10 | 325 12 | 310 09 | 325 10 | 260 11 | 280 12 | /// // | 255 13 | 255 63 | 250 69 |
| Multan | | .. | .. | . | - | --- | - | --- | ... | --- | ... |
| Nawab Shah | 345 02 | 015 08 | 055 04 | 050 07 | 195 06 | 260 23 | 240 39 | 250 45 | 250 51 | — | ... |
| Nokkundi | ... | ... | 345 17 | 270 04 | 270 08 | 275 10 | | ... | | .. | ... |
| Panjgur | ... | | - | 090 12 | 155 05 | 235 13 | 245 33 | 250 39 | 250 30 | .. | |
| Peshawar | . | 360 10 | 325 10 | 325 06 | 140 02 | 160 09 | 220 19 | 250 23 | 245 36 | 240 52 | 245 60 |
| Parachinar | ... | --- | --- | 115 03 | 125 04 | 240 27 | 235 18 | 240 29 | 240 23 | ... | - |
| Quetta | ... | . | - | --- | 230 06 | --- | --- | --- | --- | | |
| Sargodha | 340 03 | 040 05 | 295 08 | 280 09 | 300 05 | 305 08 | 290 11 | 200 13 | 285 16 | 270 25 | 275 29 |
| Skardu | | | | --- | .. | 305 01 | | --- | - | --- | ... |
| Sylhet | 255 11 | 240 04 | 240 18 | 270 26 | 270 34 | 280 51 | 275 58 | --- | ... | - | --- |
| Veraval | --- | — | --- | ... | ... | — | — | ... | --- | ... | — |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 250 14 | 265 15 | 280 14 | 290 10 | 275 10 | 240 12 | 235 27 | 240 41 | 240 50 | 240 41 | 245 61 | 235 95 | 235 39 | -- | -- | ... | -- | - |
| Multan | 035 27 | 035 23 | 065 14 | 170 02 | 320 02 | 290 14 | 265 24 | 250 36 | 280 39 | 265 53 | 270 76 | 260 97 | ... | --- | - | -- | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

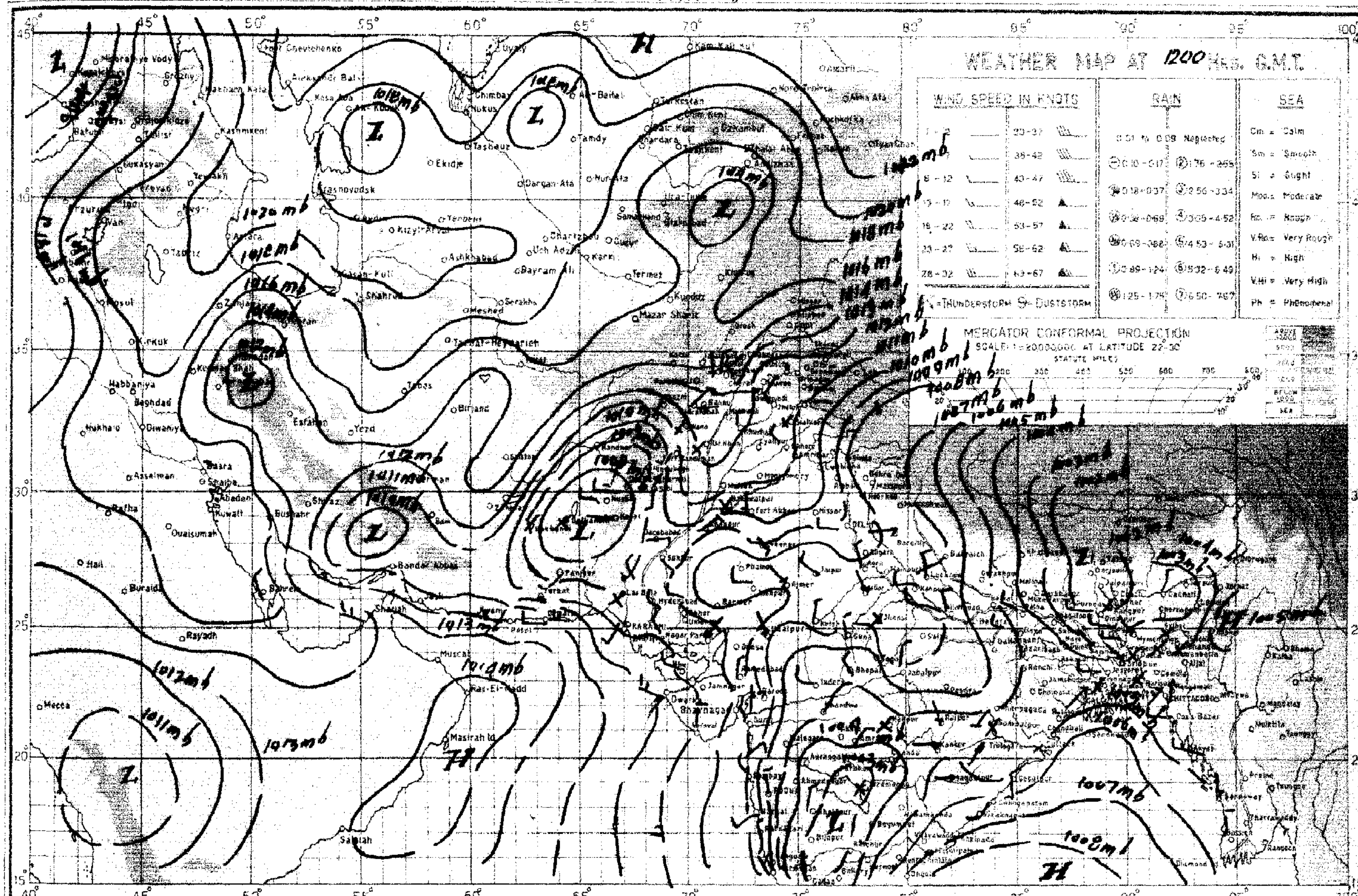
PPP—Pressure in hunderds tens and units of millibars
DD—Dew point depression
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

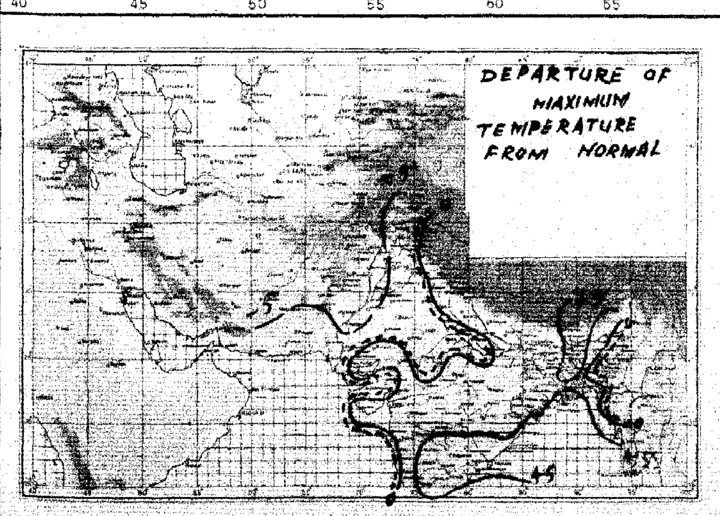
* The actual time of observations may vary within half an hour of the specified time.
† The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50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

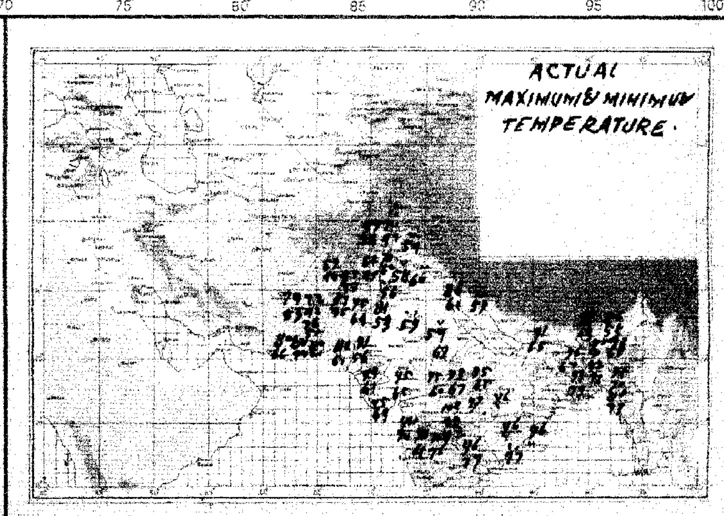
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

MONDAY 16TH MARCH 1970



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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**WEDNESDAY THE 18th MARCH, 1970.**

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

Yesterday's western disturbance over Kalat and Quetta divisions is moving across the northern divisions of West Pakistan. The trough of low pressure lies over Rajasthan.

Rain/thundershowers have been local in Quetta division and scattered in Sargodha and Multan divisions, light rain/drizzle were also reported from a few places in Rawalpindi, Peshawar, Malakand and D. I. Khan divisions. Weather remained dry elsewhere over West Pakistan.

The trough of low pressure over West Bengal and neighbourhood it less marked. Dry weather prevailed over East Pakistan.

Chief amounts of rainfall are Harnai ¾" and Lyallpur and Sibi ¼" each.

Night temperatures were 3—5 °F (2—3 °C) above normal in Khulna, Lahore, Rawalpindi and D. I. Khan divisions and 3—6 °F (2—3 °C) below normal in Quetta and Kalat divisions.

**Forecast valid until the evening of 19th March 1970 :**—Thunderstorms/showers are likely to be local in Rawalpindi division and Kashmir and scattered in D. I. Khan, Malakand, Peshawar, Sargodha, Lahore and Chittagong divisions. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 18th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

| DIVISIONS (1) | STATIONS (2) | 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 (3) | Past weather commenced at † Ws (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) | Rainfall in Cents RRR (20) | Past weather commenced at † Ws (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
| Chittagong | Rangamati | 000 | 0 | 0 | 23 | 02 | 96 | 04 | 0 | 074 | 86 | 0 | 0 | 9 | 0 | 6 | 54 | 95 | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 128 | 82 | 0 | 0 | 9 | 0 | 6 | 64 | 64 | — | | | | | |
| | Cox's Bazar | 000 | 0 | 0 | 07 | 06 | 95 | 02 | 0 | 074 | 88 | 0 | 0 | 9 | 0 | 0 | 65 | 94 | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 122 | 87 | 0 | 0 | 9 | 0 | 0 | 65 | 68 | + 7 | + 1 | — | — | — | 140 |
| | Chittagong | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 071 | 88 | 0 | 0 | 9 | 0 | 1 | 65 | 93 | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 126 | 79 | 0 | 0 | 9 | 0 | 0 | 68 | 60 | + 6 | 0 | 1.4 | — 4.1 | 0.6 | 106 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 062 | 90 | 0 | 0 | 9 | 0 | 0 | 72 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | ... | ... | ... | + 7 | | | | | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 065 | 94 | 0 | 0 | 9 | 0 | 0 | 74 | 94 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 123 | 82 | 0 | 0 | 9 | 0 | 0 | 68 | 69 | + 4 | — 2 | — | — | — | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 059 | 90 | 0 | 0 | 9 | 0 | 0 | 59 | 95 | 000 | 0 | 0 | 18 | 07 | 98 | 00 | 0 | 173 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 68 | — | — | 2.5 | — 1.5 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 050 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 94 | 000 | 0 | 0 | 13 | 02 | 94 | 05 | 4 | 112 | 77 | 0 | 0 | 9 | 0 | 0 | 55 | 62 | — | — | — | — | — | — |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 115 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 54 | — | — 2 | — | — | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | 055 | 85 | 0 | 0 | 8 | 2 | 0 | 44 | 94 | 000 | 0 | 0 | 13 | 02 | 97 | 00 | 0 | 126 | 82 | 0 | 0 | 9 | 0 | 0 | 49 | 64 | + 6 | — 2 | 1.6 | — 1.5 | 1.3 | 91 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 059 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 94 | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 121 | 82 | 0 | 0 | 9 | 0 | 0 | 62 | 69 | + 4 | 0 | 2.9 | — 0.9 | 1.6 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 058 | 90 | 0 | 0 | 9 | 0 | 0 | 44 | 96 | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 118 | 81 | 0 | 0 | 9 | 0 | 0 | 60 | 69 | — | — | — | — | — | — |
| | Faridpur | 000 | 0 | 2 | 29 | 02 | 97 | 00 | 0 | 030 | 94 | 0 | 0 | 9 | 0 | 5 | 37 | 95 | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 117 | 89 | 0 | 0 | 9 | 0 | 0 | 51 | 69 | + 5 | + 2 | 2.4 | — 1.4 | 2.0 | 71 |
| Khulna | Barisal | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 069 | 86 | 0 | 0 | 9 | 0 | 2 | 58 | 94 | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 120 | 82 | 0 | 0 | 9 | 0 | 0 | 68 | // | + 4 | — | 2.2 | — 1.8 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 079 | 90 | 0 | 0 | 9 | 0 | 0 | 60 | 99 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 123 | 84 | 0 | 0 | 9 | 0 | 0 | 68 | 73 | + 8 | + 4 | — | — | — | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 064 | 88 | 0 | 0 | 9 | 0 | 0 | 60 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | | | + 2 | | | | | 68 |
| | Jessore | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 056 | 94 | 0 | 0 | 9 | 0 | 0 | 51 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | | — | | | | | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 09 | 97 | 02 | 0 | 046 | 94 | 0 | 0 | 9 | 0 | 0 | 31 | 95 | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 115 | 86 | 0 | 0 | 9 | 0 | 0 | 49 | 64 | — | — | 4.0 | — | 3.8 | 59 |
| | Sirajganj | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 048 | 94 | 0 | 0 | 9 | 0 | 0 | 44 | 96 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 115 | 81 | 0 | 0 | 9 | 0 | 0 | 49 | 65 | + 6 | + 1 | — | — | — | 64 |
| | Rajshahi | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 0 | 051 | 88 | 0 | 0 | 9 | 0 | 0 | 58 | 94 | 000 | 0 | 0 | 21 | 02 | 96 | 02 | 0 | /// | 79 | 0 | 0 | 9 | 0 | 0 | 58 | // | + 3 | — | 4.5 | + 2.1 | 1.5 | — |
| | Bogra | 000 | 0 | 0 | 27 | 09 | 96 | 06 | 0 | 048 | 88 | 0 | 0 | 9 | 0 | 0 | 37 | 95 | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 108 | 84 | 0 | 0 | 9 | 0 | 0 | 43 | 65 | + 4 | + 1 | — | — | — | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 026 | 91 | 0 | 0 | 9 | 0 | 0 | 40 | 94 | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 106 | 82 | 0 | 0 | 9 | 0 | 0 | 47 | 62 | + 4 | + 1 | — | — | — | 72 |
| | Rangpur | — | ... | ... | ... | — | ... | ... | ... | ... | — | ... | ... | — | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 99 | 01 | 0 | /// | 73 | 0 | 0 | 9 | 0 | 0 | 78 | 62 | / | + 1 | 2.7 | + 1.7 | 1.1 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 093 | 68 | 0 | 0 | 9 | 0 | 0 | 44 | 82 | 000 | 0 | 3 | 36 | 02 | 96 | 03 | 1 | 123 | 64 | 2 | 0 | 9 | 3 | 1 | 51 | 59 | — 1 | + 5 | — | — | — | 19 |
| | Sialkot | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | | ... | ... | — | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 125 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | // | — | | — | — | — | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 1 | 31 | 02 | 98 | 01 | 0 | 084 | 80 | 0 | 0 | 9 | 0 | 1 | 46 | 82 | 004 | 2 | 2 | 27 | 02 | 97 | 01 | 6 | 123 | 60 | 3 | 5 | 6 | 7 | 0 | 56 | 59 | — | — | 5.2 | — | 5.3 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Rawalpindi | — | — | — | ... | — | ... | ... | ... | — | — | ... | — | ... | ... | ... | ... | ... | 005 | 4 | 8 | 05 | 03 | 97 | 20 | 6 | 133 | 58 | 8 | 5 | 6 | 0 | 0 | 56 | 56 | — | + 5 | 0.0 | — 0.1 | 7.0 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 03 | 97 | 01 | 0 | 089 | 78 | 0 | 0 | 9 | 2 | 0 | 52 | 85 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 127 | 59 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | + 5 | — 1 | 1.5 | — 1.3 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 1 | 23 | 01 | 97 | 01 | 0 | 091 | 82 | 1 | 1 | 6 | 0 | 1 | 46 | 82 | 001 | 1 | 7 | 00 | 00 | 97 | 21 | 4 | 1/8 | 60 | 7 | 3 | 6 | 1 | 0 | 56 | 59 | | — | — | — | — | — |
| | Lyallpur | 000 | 0 | 8 | 00 | 00 | 96 | 00 | 0 | 057 | 77 | 0 | 0 | 9 | 0 | 0 | 50 | 82 | 027 | 3 | 6 | 29 | 03 | 94 | 62 | 9 | 125 | 64 | 6 | 9 | 7 | 0 | 0 | 60 | 56 | — 1 | + 1 | — | — | — | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 3 | 13 | 05 | 97 | 02 | 0 | 093 | 80 | 2 | 1 | 6 | 3 | 0 | 51 | 82 | 011 | 2 | 8 | 21 | 02 | 95 | 02 | 5 | 127 | 60 | 5 | 7 | 4 | 2 | 1 | 56 | 60 | — 3 | + 2 | — | — | — | 7 |
| | Leiah | 000 | 0 | 8 | 36 | 01 | 94 | 00 | 0 | 069 | 82 | 0 | 0 | 9 | 0 | 0 | 44 | 62 | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | — | ... | ... | ... | ... | — | ... | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 05 | 02 | 97 | 02 | 0 | 084 | 85 | 1 | 1 | 6 | 0 | 0 | 41 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 07 | 0 | 096 | 85 | 0 | 0 | 9 | 0 | 0 | 50 | 85 | 000 | 0 | 1 | 08 | 00 | 96 | 08 | 3 | 124 | 73 | 0 | 0 | 9 | 0 | 3 | 69 | 59 | — 2 | + 2 | 0.2 | — 0.8 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 109 | /, | 0 | 8 | 9 | 0 | 0 | // | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 7 | 23 | 07 | 97 | 03 | 0 | 079 | 72 | 1 | 1 | 7 | 0 | 9 | 44 | 72 | 003 | 3 | 7 | 09 | 05 | 97 | 21 | 6 | 110 | 54 | 7 | 5 | 6 | 0 | 0 | 49 | 51 | — | — | 5.9 | — | 4.9 | — |
| Peshawar | Peshawar | 000 | 0 | 7 | 00 | 00 | 98 | 03 | 1 | 018 | 74 | 1 | 1 | 6 | 3 | 1 | 41 | 74 | 000 | 0 | 7 | 31 | 05 | 92 | 2 | 6 | 125 | 60 | 5 | 9 | 6 | 3 | 0 | 54 | 54 | — 1 | + 1 | 3.8 | — 1.6 | 3.1 | 11 |
| | Haripur | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 105 | 72 | 0 | 0 | 9 | 0 | 0 | 46 | 74 | 001 | 8 | 8 | 34 | 03 | 96 | 60 | 6 | 122 | 56 | 8 | 7 | 6 | 0 | 0 | 51 | // | — | — | 8.1 | — | 7.2 | — |
| D. I. Khan | Bannu | 000 | 0 | 8 | 18 | 01 | 98 | 04 | 2 | 101 | 72 | 0 | 0 | 9 | 0 | 1 | 49 | 76 | 005 | 1 | 8 | 05 | 05 | 98 | 03 | 8 | /// | 49 | 8 | 7 | 6 | 0 | 0 | 45 | 48 | — | — | 7.9 | — | 7.5 | 11 |
| | D. I. Khan | 000 | 0 | 6 | 23 | 02 | 97 | 03 | 0 | 100 | 77 | 6 | 4 | 7 | 3 | 0 | 46 | 80 | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 122 | 42 | 0 | 0 | 9 | 0 | 0 | 41 | 59 | — 2 | + 1 | 8.4 | + 4.3 | 8.4 | 9 |
| Quetta | Sibi | 030 | 2 | 3 | 36 | 03 | 97 | 03 | 1 | 123 | 74 | 6 | 2 | 9 | 6 | 2 | 64 | 78 | 000 | 0 | 8 | 36 | 03 | 97 | 02 | 0 | 141 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 55 | — | — | 0.6 | — | 0.6 | 8 |
| | Nokkundi | — | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 103 | 51 | 0 | 0 | 9 | 0 | 0 | 39 | 47 | — | — | 2.5 | — | 2.5 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 127 | 84 | 0 | 0 | 9 | 0 | 0 | 40 | 84 | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 171 | 73 | 0 | 0 | 9 | 0 | 0 | 34 | 61 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 0 | 25 | 06 | 96 | 02 | 0 | 111 | 77 | 0 | 0 | 9 | 0 | 0 | 56 | 80 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 147 | 68 | 0 | 0 | 5 | 0 | 0 | 63 | 67 | — | — | 9.1 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 0 | 25 | 10 | 97 | 02 | 0 | 116 | 78 | 0 | 0 | 0 | 0 | 0 | 73 | 84 | 000 | 0 | 0 | 29 | 08 | 97 | 02 | 0 | 129 | 65 | 1 | 0 | 0 | 0 | 0 | 65 | // | — | — | 2.5 | — 2.1 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 16 | 96 | 02 | 0 | 117 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 77 | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 142 | 73 | 0 | 0 | 9 | 0 | 0 | 61 | // | — | — | 2.9 | — 1.7 | 2.9 | 6 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 087 | 87 | 0 | 0 | 8 | 0 | 0 | 67 | 89 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 127 | 64 | 0 | 0 | 8 | 0 | 0 | 63 | 61 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 125 | 70 | 0 | 0 | 9 | 0 | 0 | 60 | 69 | — | — | 1.1 | + 0.4 | 1.1 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 097 | 80 | 0 | 0 | 9 | 0 | 0 | 56 | 85 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 128 | 65 | 0 | 0 | 9 | 0 | 0 | 63 | 62 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 0 | 0 | 0 | 0 | 63 | 92 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 143 | 69 | 0 | 0 | 0 | 0 | 0 | 61 | 69 | — | — | 0.0 | — | 0.0 | — |
| | Chhor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | 7 |
| | Hyderabad | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 089 | 88 | 0 | 0 | 9 | 0 | 0 | 44 | 91 | 000 | 0 | 0 | 34 | 07 | 97 | 02 | 0 | 131 | 68 | 0 | 0 | 9 | 0 | 0 | 54 | 65 | — 2 | 0 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 091 | 92 | 0 | 0 | 9 | 0 | 0 | 45 | 93 | 000 | 0 | 0 | 01 | 01 | 97 | 02 | 0 | 120 | 65 | 0 | 0 | 9 | 0 | 0 | 58 | 64 | 0 | + 1 | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 044 | 86 | 0 | 0 | 9 | 0 | 0 | 37 | 87 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 131 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 58 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 000 | 0 | 0 | 08 | 00 | 96 | 02 | 0 | 093 | 88 | 0 | 0 | 9 | 0 | 0 | 57 | 89 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 133 | 63 | 0 | 0 | 9 | 0 | 0 | 58 | 40 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 0 | 0 | 20 | 05 | 96 | 02 | 0 | 087 | 86 | 0 | 0 | 9 | 0 | 0 | 53 | 87 | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 139 | 68 | 0 | 0 | 9 | 0 | 0 | 45 | 59 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 1 | 01 | 03 | 97 | 01 | 0 | 086 | 85 | 0 | 0 | 9 | 0 | 0 | 62 | 86 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 126 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 63 | — 5 | + 1 | 2.1 | + 1.1 | 2.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Alibad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Peshawar | Cherat * | 000 | 0 | 3 | 31 | 03 | 98 | 03 | 1 | 484 | 58 | 0 | 0 | 9 | 1 | 0 | 37 | 62 | 000 | 0 | 5 | 08 | 00 | 98 | 01 | 5 | 475 | 49 | 0 | 0 | 9 | 6 | 0 | 47 | 47 | + 2 | 0 | 5.9 | — 4.4 | 5.3 | — |
| | Kakul * | 000 | 0 | 2 | 27 | 02 | 99 | 01 | 1 | 479 | 65 | 1 | 3 | 6 | 0 | 1 | 39 | 70 | 000 | 0 | 8 | 13 | 05 | 97 | 03 | 2 | 487 | 50 | 5 | 7 | 6 | 2 | 1 | 45 | 44 | — | — | 13.7 | — | 12.8 | — |
| | Landikotal * | 0.0 | 0 | 6 | 05 | 05 | 98 | 03 | 6 | 435 | 55 | 6 | 7 | 6 | 1 | 1 | 59 | 65 | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 155 | // | 0 | 0 | 9 | 0 | 0 | 56 | 52 | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar * | — | ... | ... | ... | ... | — | ... | ... | — | — | ... | ... | ... | ... | ... | ... | ... | 003 | 0 | 0 | 00 | 00 | 98 | 01 | 6 | 479 | 40 | 0 | 0 | 9 | 0 | 0 | 33 | 38 | — | — 1 | — | — | — | 13 |
| D. I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 96 | 03 | 0 | 538 | 60 | 6 | 0 | 9 | 1 | 1 | 58 | 60 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 510 | 51 | 0 | 0 | 9 | 0 | 0 | 47 | 40 | — | — | 0.1 | — 5.1 | 0.1 | 11 |
| | Wana * | 000 | 0 | 8 | 00 | 00 | 98 | 03 | 0 | 482 | 60 | 8 | 2 | 8 | 0 | 0 | 59 | 62 | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 483 | 45 | 0 | 0 | 9 | 0 | 0 | 41 | 40 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 013 | 4 | 7 | 23 | 03 | 96 | 51 | 6 | 484 | 51 | 5 | 4 | 7 | 2 | 0 | 45 | 50 | 000 | 0 | 8 | 00 | 00 | 98 | 02 | 0 | 497 | 45 | 0 | 0 | 9 | 0 | 0 | 33 | 41 | — 12 | — 4 | 2.3 | — 0.9 | 2.3 | — |
| | Hindubagh * | 003 | 0 | 8 | 27 | 03 | 97 | 03 | 0 | /// | 53 | 8 | 7 | 4 | 0 | 0 | 46 | 54 | 000 | 0 | 0 | 23 | 09 | 98 | 02 | 0 | /// | 36 | 0 | 0 | 9 | 0 | 0 | 34 | 26 | — | — | 1.7 | — | 1.3 | 9 |
| | Loralai * | 000 | 0 | 0 | 09 | 04 | 97 | 01 | 0 | 505 | 58 | 0 | 1 | 9 | 0 | 8 | 49 | 60 | 000 | 0 | 0 | 27 | 03 | 90 | 00 | 0 | 475 | 48 | 0 | 0 | 9 | 0 | 0 | 36 | 50 | — | — | 2.1 | — | 2.1 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 070 | 0 | 2 | 13 | 02 | 96 | 60 | 6 | 460 | 59 | 0 | 0 | 8 | 0 | 2 | 52 | 63 | 000 | 0 | 8 | 31 | 02 | 96 | 01 | 0 | 464 | 49 | 0 | 0 | 9 | 0 | 0 | 37 | 46 | — | — | 2.6 | — 1.7 | 2.6 | 9 |
| | Samungli (Quetta) * | 010 | 4 | 8 | 31 | 18 | 96 | 60 | 6 | 493 | 50 | 8 | 7 | 4 | 0 | 0 | 42 | 54 | 000 | 0 | 0 | 00 | 08 | 96 | 02 | 2 | 520 | 40 | : | 6 | 9 | 0 | 0 | 35 | 36 | — | — | 3.4 | — 2.9 | 2.8 | 9 |
| | Chaman * | 000 | 0 | 0 | 06 | 00 | 96 | 20 | 2 | 493 | 30 | 9 | 2 | 7 | 2 | 0 | 44 | 57 | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 474 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | 40 | — | — 6 | 7.8 | + 1.8 | 7.8 | — |
| | Nushki * | 000 | 0 | 8 | 13 | 04 | 97 | 60 | 5 | 536 | 57 | 8 | 4 | 7 | 0 | 0 | 41 | 68 | 000 | 0 | 0 | 00 | 00 | 92 | 02 | 0 | 546 | 58 | 0 | 0 | 9 | 0 | 0 | 24 | 49 | — | — | 3.5 | — | 3.5 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 05 | 97 | 01 | 1 | 490 | 65 | 5 | 0 | 9 | 7 | 0 | 47 | // | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 510 | 48 | 0 | 0 | 9 | 0 | 0 | 49 | 45 | — | — 2 | 3.3 | + 0.5 | 3.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 02 | 03 | 97 | 00 | 2 | 476 | 49 | 0 | 0 | 9 | 0 | 0 | 43 | 56 | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 2 | 511 | 38 | 0 | 0 | 9 | 0 | 0 | 33 | 32 | — 6 | — 5 | 3.8 | — 1.5 | 3.0 | — |
| | Khuzdar * | 008 | 0 | 4 | 23 | 02 | 97 | 03 | 1 | 461 | 71 | 4 | 5 | 6 | 0 | 0 | 35 | 72 | 003 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 498 | 44 | 1 | 5 | 6 | 0 | 0 | 41 | // | — | — | 2.5 | — | 2.5 | 8 |
| | Panjgur * | 008 | 0 | 3 | 31 | 07 | 96 | 03 | 0 | 485 | 73 | 3 | 4 | 6 | 0 | 0 | 45 | 75 | 000 | 0 | 0 | 36 | 02 | 96 | 01 | 0 | 410 | 56 | 1 | 5 | 7 | 0 | 0 | 49 | 51 | — 2 | — | 0.0 | — | 0.0 | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 18th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

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

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 006 210 24 | ... | 450 154 56 | 118 056 56 | 581 069 30 | 753 171 58 | 962 313 56 | 23§ 543 // | 413 703 // | 643 813 // | ... | ... | ... |
| Dacca ... | 00 00 | 008 240 56 | ... | 480 186 59 | 134 100 // | 586 033 // | 759 129 // | 973 273 // | 252 481 // | 437 605 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 008 194 47 | ... | 480 130 54 | 058 030 47 | 560 155 // | 734 241 // | 940 351 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 996 170 56 | ... | 400 110 01 | 048 075 28 | 563 175 // | 728 231 // | 936 285 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 996 164 57 | ... | 400 114 60 | 047 028 61 | 568 137 61 | 735 231 60 | 939 751 // | 210 511 // | 395 555 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 995 140 45 | ... | 410 094 58 | 030 035 30 | 560 185 // | 724 265 // | 927 361 // | 202 461 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 198 56 | 800 118 56 | 600 016 56 | 350 157 56 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 232 59 | 800 142 59 | 600 040 // | 350 195 // | 250 143 63 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | 270 16 | 275 13 | 285 11 | 290 16 | 300 13 | 305 19 | ... | ... | ... |
| Bogra ... | 270 24 | 275 31 | 275 27 | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 280 05 | 285 01 | 220 11 | 300 05 | 310 06 | 020 06 | 030 17 | 090 19 |
| Chhor ... | 230 04 | 275 03 | 245 04 | 245 07 | 245 12 | 255 23 | 250 39 | 245 46 | 240 48 |
| Chittagong ... | 355 02 | 340 02 | 340 07 | 310 19 | 290 27 | 265 13 | 201 85 | 265 34 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 215 08 | 315 11 | 350 11 | 015 13 | 315 31 | 335 27 | ... | ... | ... |
| Dacca ... | 310 17 | 290 15 | 260 17 | 285 23 | 275 26 | 290 33 | 290 35 | 280 37 | 270 43 |
| Dalbandin ... | ... | ... | 135 07 | 055 07 | 350 11 | 310 16 | 255 17 | ... | ... |
| D. I. Khan ... | 240 03 | 175 01 | 175 01 | 175 03 | 185 05 | 220 07 | 215 09 | 245 26 | 205 12 |
| Drosh ... | ... | ... | ... | 025 04 | 080 02 | 210 08 | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 300 04 | 205 13 | 220 35 | 240 44 | ... | ... |
| Gilgit ... | ... | ... | ... | 150 03 | 190 02 | /// // | 210 04 | ... | ... |
| Ishurdi ... | 290 23 | 285 23 | 290 21 | 290 25 | 285 27 | ... | ... | ... | ... |
| Jacobabad ... | 140 11 | 135 11 | 135 15 | 265 11 | 170 14 | 255 49 | 255 20 | 275 70 | ... |
| Jessore ... | 285 10 | 285 13 | 295 13 | 290 19 | 295 23 | 290 31 | ... | ... | ... |
| Jhelum ... | 325 06 | 340 06 | 340 07 | 045 04 | 105 06 | 155 10 | 240 04 | 235 25 | 265 31 |
| Jiwani ... | 235 10 | 260 09 | 275 06 | 310 08 | 300 09 | 260 14 | 275 25 | 285 14 | 265 37 |
| Karachi ... | 265 08 | 265 05 | 335 03 | 105 03 | 275 05 | 265 07 | 255 24 | 245 30 | 245 36 |
| Khanpur ... | 185 12 | 210 20 | 250 20 | 262 15 | 275 02 | 275 38 | 280 10 | 285 09 | 308 12 |
| Khuzdar ... | ... | ... | ... | 245 02 | 285 01 | 270 07 | 250 13 | 295 23 | 260 25 |
| Lahore ... | 305 03 | 300 04 | 295 06 | 300 06 | 300 04 | 300 07 | 230 06 | 255 23 | 250 27 |
| Multan ... | 125 13 | 130 08 | 160 09 | 200 15 | 215 24 | 210 17 | 200 24 | 250 46 | 255 50 |
| Nawab Shah ... | 320 03 | 025 03 | 315 03 | 290 23 | 290 03 | 275 13 | 250 93 | 245 51 | 245 54 |
| Nokkundi ... | ... | ... | 340 13 | 340 14 | 315 13 | 240 10 | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 340 19 | 335 12 | 330 05 | 270 05 | 260 12 | 245 07 |
| Peshawar ... | ... | 115 01 | 170 01 | 085 03 | 035 01 | 165 11 | 195 13 | 210 20 | 200 13 |
| Parachinar ... | ... | ... | ... | 140 07 | 175 09 | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 275 01 | 040 03 | ... | ... | ... |
| Sargodha ... | 275 04 | 305 01 | 330 01 | 290 03 | 240 06 | 220 07 | 220 27 | 170 33 | 240 34 |
| Skardu ... | ... | ... | ... | 205 03 | 017 11 | 260 12 | 225 04 | ... | ... |
| Sylhet ... | 270 07 | 240 09 | 320 11 | 240 17 | 280 25 | 270 37 | 275 44 | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T.† of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 290 23 | 310 13 | 325 11 | 315 10 | 295 10 | 280 19 |
| Bogra ... | 295 23 | 295 33 | 285 23 | 260 16 | 275 33 | 275 33 |
| Chaklala ... | ... | 225 10 | 240 11 | 260 16 | ... | ... |
| Chhor ... | 290 13 | 310 09 | 300 08 | 260 05 | 220 04 | 110 19 |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 360 15 | 330 17 | 325 15 | 350 12 | ... | ... |
| Dacca ... | 305 17 | 305 16 | 305 06 | ... | ... | ... |
| Dalbandin ... | ... | ... | 060 09 | 045 07 | 015 09 | 345 07 |
| D. I. Khan ... | 200 06 | 020 08 | 055 09 | 120 08 | 185 09 | 215 15 |
| Drosh ... | No | Ascent | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 225 14 | 270 11 | 295 10 |
| Gilgit ... | No | Ascent | ... | ... | ... | ... |
| Ishurdi ... | 305 12 | 302 31 | 305 43 | 300 31 | 300 35 | ... |
| Jacobabad ... | 340 40 | 345 30 | 340 15 | 330 10 | 260 10 | 215 12 |
| Jessore ... | 310 15 | 305 23 | 310 25 | 285 19 | 280 24 | 285 33 |
| Jhelum ... | 270 12 | 275 19 | 265 17 | 114 // | 255 14 | ... |
| Jiwani ... | 290 11 | 315 11 | 320 11 | 360 06 | 020 11 | 030 06 |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 035 15 | 015 13 | 345 17 | 355 12 | 020 13 | 190 17 |
| Khuzdar ... | ... | ... | ... | 280 12 | 270 15 | 210 06 |
| Lahore ... | 290 07 | 290 08 | 280 08 | 280 08 | 281 01 | 285 12 |
| Multan ... | 300 13 | 290 31 | 290 27 | 285 23 | ... | ... |
| Nawab Shah ... | 035 21 | 035 14 | 330 10 | 320 05 | 310 05 | 190 12 |
| Nokkundi ... | ... | ... | 330 05 | 325 08 | 325 11 | 315 16 |
| Panjgur ... | ... | ... | ... | 015 10 | 160 14 | 335 18 |
| Peshawar ... | ... | 035 06 | 080 07 | 180 07 | 180 12 | 190 17 |
| Parachinar ... | No | Ascent | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 280 08 | 280 08 |
| Sargodha ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | 275 04 | 155 05 | ... |
| Sylhet ... | 210 09 | 220 07 | 340 09 | 270 15 | 265 11 | 275 33 |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T.† of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | 295 04 | 300 06 | 290 10 | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | 260 10 | 250 11 | 280 11 | 280 22 | 298 21 | 275 25 | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 095 08 | 120 15 | 135 14 | 165 10 | 185 19 | 195 15 | ... | ... | ... | ... |
| Chhor ... | 030 06 | 005 11 | 325 11 | 310 05 | 350 02 | 240 11 | 245 31 | 220 37 | 235 34 | ... | ... |
| Chittagong ... | 040 02 | 355 03 | 330 05 | 295 11 | 280 17 | 295 31 | 250 21 | 355 19 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 330 12 | 300 12 | 280 13 | 330 19 | 270 25 | 300 38 | 290 35 | 275 41 | 275 37 | 270 49 | 260 66 |
| Dalbandin ... | ... | ... | 055 01 | 185 01 | 355 11 | 300 19 | 315 35 | 345 40 | 320 37 | 305 35 | 310 41 |
| D. I. Khan ... | 320 15 | 320 18 | 320 19 | 325 19 | 260 15 | 270 18 | 234 10 | 240 13 | 270 11 | 240 23 | 230 30 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 335 03 | 360 07 | 325 10 | 305 31 | 280 07 | 290 41 | 285 52 | 290 75 |
| Gilgit ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 260 08 | 260 19 | 265 20 | 300 27 | 305 36 | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 345 38 | 335 27 | 335 21 | 270 14 | 275 18 | 260 14 | 260 45 | ... | ... | ... | ... |
| Jessore ... | 280 15 | 290 16 | 285 11 | 338 19 | 305 35 | 330 21 | 295 41 | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 030 08 | 030 10 | 030 14 | 090 08 | 025 10 | 335 09 | 325 24 | 340 35 | 345 25 | 010 35 | 345 46 |
| Karachi ... | 050 07 | 050 14 | 035 14 | 360 11 | 010 09 | 255 15 | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | 320 04 | 275 15 | 260 20 | 260 29 | ... | ... | ... | ... |
| Lahore ... | 315 08 | 315 10 | 320 08 | 075 08 | 145 08 | 210 17 | 220 25 | 235 31 | ... | ... | ... |
| Multan ... | 340 10 | 335 10 | 235 09 | 225 17 | 220 38 | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 045 08 | 045 15 | 035 15 | 345 13 | 320 11 | 245 16 | 255 27 | 250 27 | 260 41 | ... | ... |
| Nokkundi ... | ... | ... | 305 06 | 330 10 | 345 19 | 340 31 | 335 24 | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 355 08 | 350 19 | 320 21 | 300 28 | 280 39 | 260 31 | ... | ... |
| Peshawar ... | ... | 325 13 | 320 10 | 310 05 | 300 05 | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 295 02 | 315 19 | 305 31 | 240 32 | 235 38 | 215 50 | 275 29 |
| Sargodha ... | 185 04 | 175 03 | 195 02 | 210 01 | 210 22 | 215 08 | 250 30 | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | 180 06 | 195 28 | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 255 09 | 265 05 | 265 10 | 250 15 | 265 32 | 280 37 | 275 41 | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 275 10 | 310 12 | 280 12 | 280 08 | 260 07 | 245 11 | 235 12 | 250 52 | 250 49 | 240 30 | 230 63 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

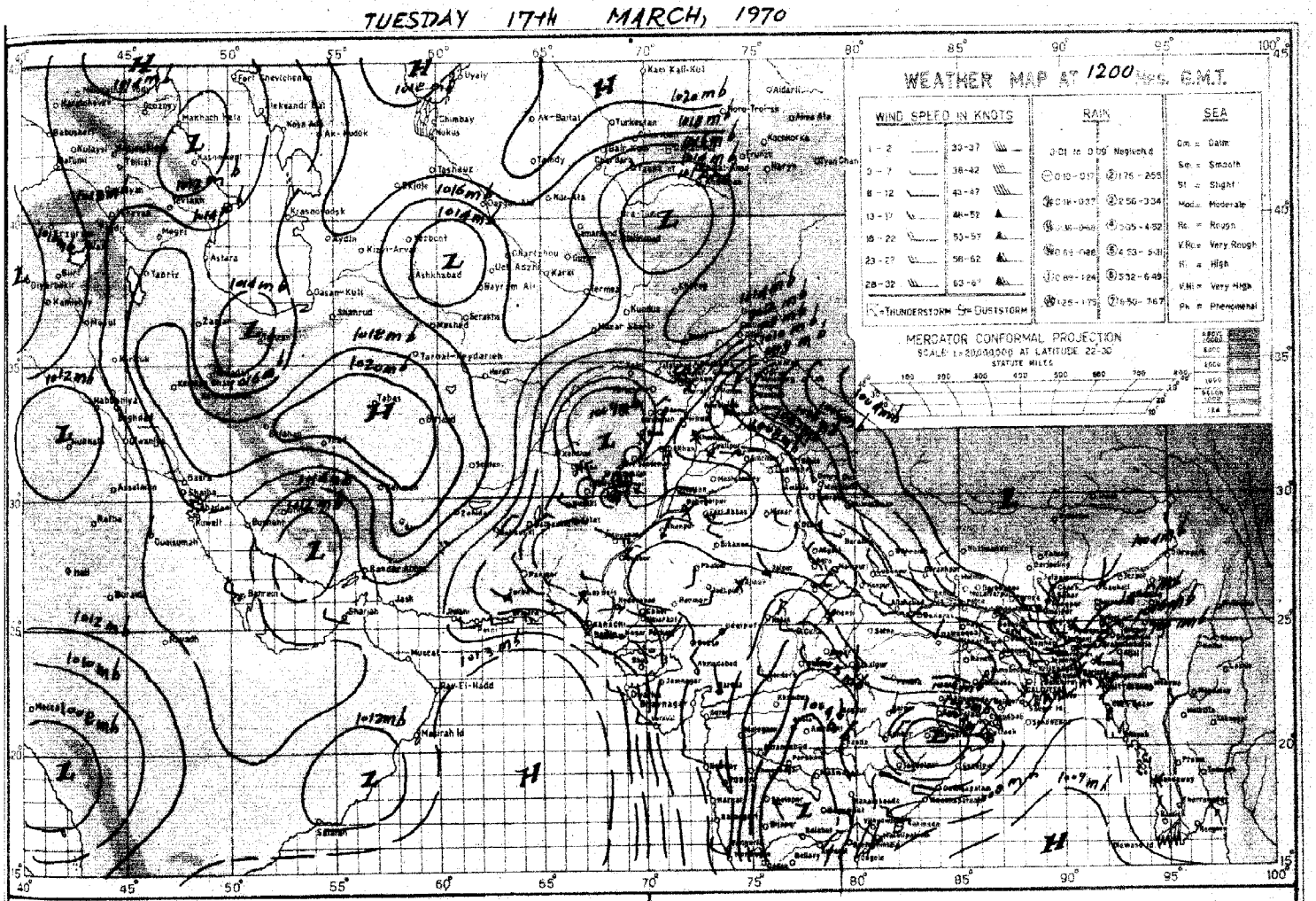
† The actual time of observations may vary within half an hour of the specified time.

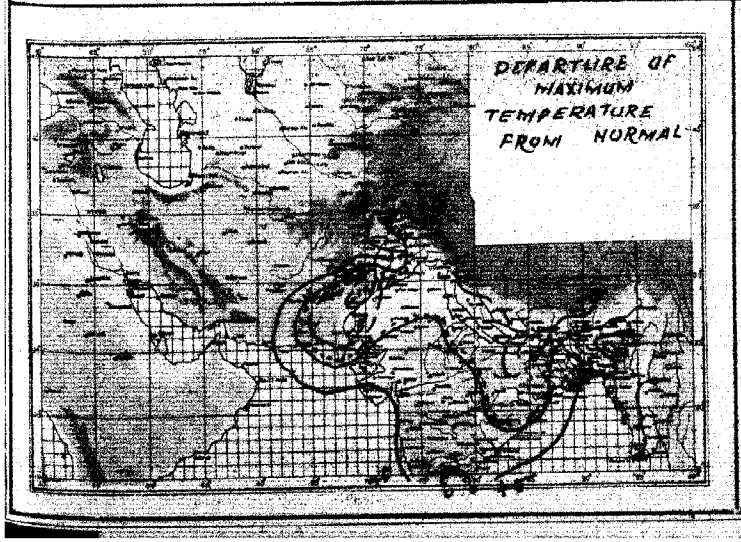
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

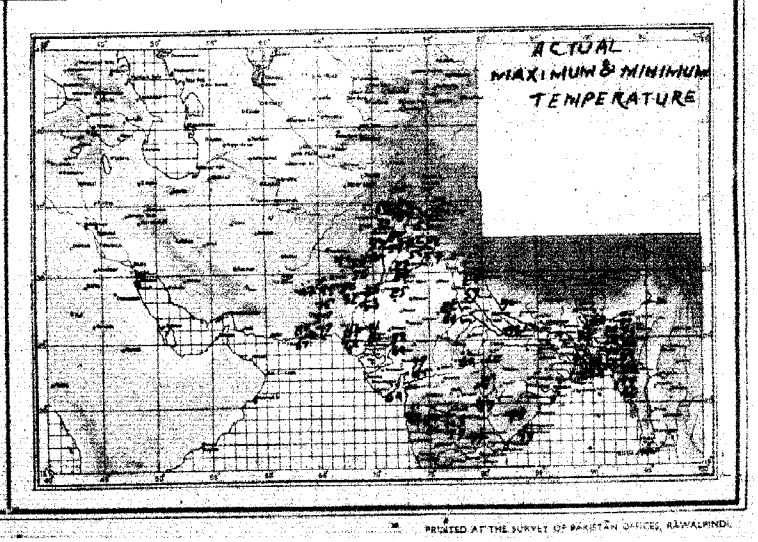
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre / Air Port KARACHI—11

# PAKISTAN DAILY WEATHER MAP

TUESDAY 17th MARCH, 1970



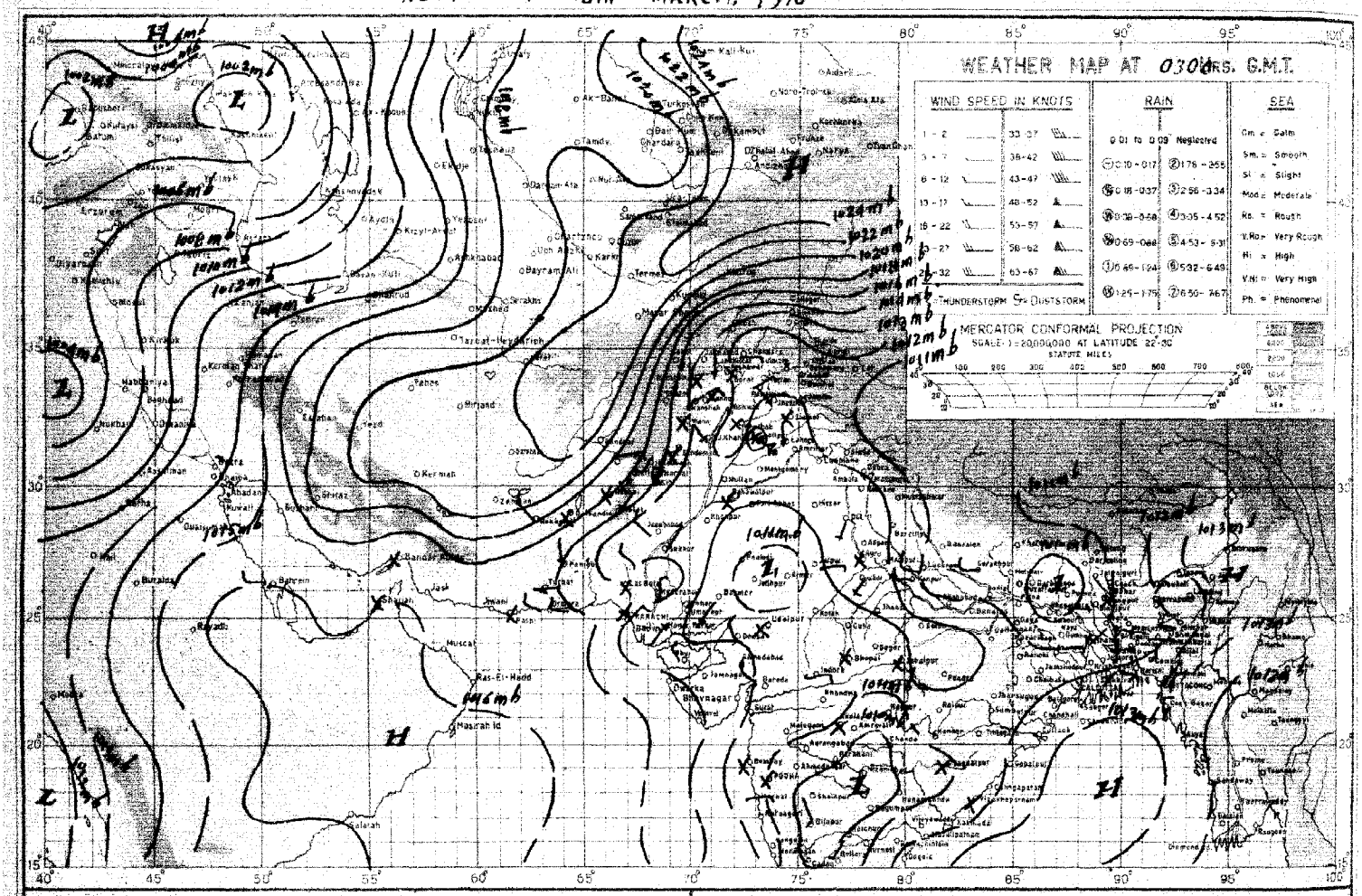



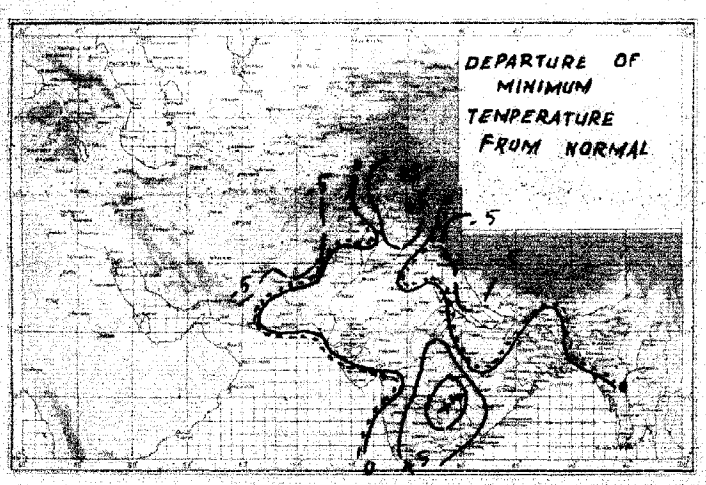



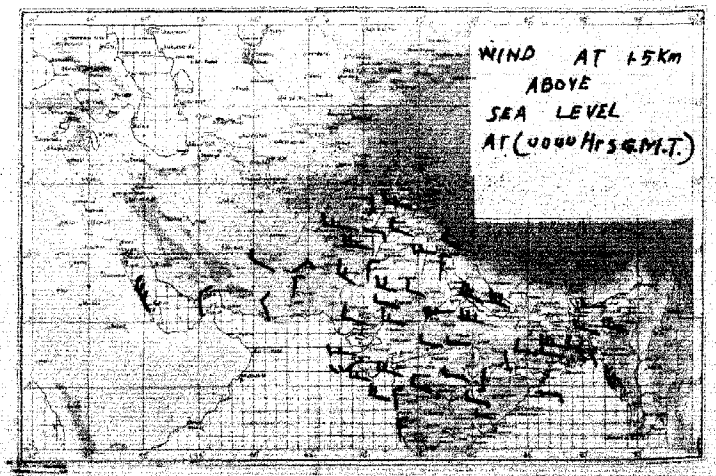

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18TH MARCH, 1970



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Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

THURSDAY THE 19th MARCH, 1970.

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

Yesterday's western disturbance over northern division of West Pakistan is moving across Lahore division and Kashmir.
The trough of low pressure moved away across Rajasthan.
Rain/thundershowers have been widespread in Malakand division, local in Rawalpindi, Sargodha and Peshawar divisions and scattered in Bahawalpur divisions
Weather remained pratically dry elsewhere over the country.
Chief amounts of rainfall are Kakul 1¼", Chakdara 1", Drosh, Jhelum and Rawalpindi ½" each, Haripur and Khushab ¼" each.
Night temperatures were 3—5 °F (2—3 °C) above normal in Lahore, Bahawalpur, Peshawar, Quetta, Kalat, Karachi and Khairpur divisions and in East Pakistan outside Khulna division.

**Forecast valid until the evening of 20th March 1970 :**—Scattered thunderstorms/showers in Kashmir and Lahore and Chittagong divisions. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 19th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 28 | 02 | 95 | 04 | 0 | 096 | 89 | 0 | 0 | 9 | 0 | 0 | 58 | // |
| | Cox's Bazar | 000 | 0 | 0 | 36 | 06 | 96 | 02 | 0 | 085 | 87 | 0 | 0 | 9 | 0 | 0 | 64 | 88 |
| | Chittagong | 000 | 0 | 0 | 23 | 02 | 96 | 01 | 0 | 084 | 86 | 0 | 0 | 9 | 0 | 0 | 74 | 94 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 072 | 94 | 0 | 0 | 9 | 0 | 0 | 59 | 94 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 081 | 85 | 0 | 0 | 9 | 0 | 0 | 59 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 063 | 90 | 0 | 0 | 9 | 0 | 0 | 60 | 94 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 4 | 075 | 82 | 0 | 0 | 9 | 0 | 0 | 49 | 94 |
| | Srimangal | 000 | 0 | 0 | 25 | 02 | 96 | 00 | 0 | 080 | 76 | 0 | 0 | 9 | 0 | 0 | 51 | 94 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 084 | 88 | 0 | 0 | 9 | 0 | 0 | 31 | 94 |
| | Narayanganj | 000 | 0 | 0 | 31 | 02 | 94 | 00 | 0 | 074 | 85 | 0 | 0 | 9 | 0 | 0 | 72 | 96 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 27 | 02 | 94 | 00 | 0 | 070 | 94 | 0 | 0 | 9 | 0 | 0 | 55 | // |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 037 | 90 | 0 | 0 | 9 | 0 | 0 | 37 | 94 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 087 | 94 | 0 | 0 | 9 | 0 | 0 | 60 | 99 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 078 | 88 | 0 | 0 | 9 | 0 | 0 | 62 | 95 |
| | Jessore | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 076 | 90 | 0 | 0 | 9 | 0 | 0 | 46 | 94 |
| Rajshahi | Pabna | 000 | 0 | 0 | 27 | 02 | 95 | 00 | 0 | 065 | 94 | 0 | 0 | 9 | 0 | 0 | 48 | 94 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 070 | 88 | 0 | 0 | 9 | 0 | 0 | 58 | 94 |
| | Rajshahi | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 063 | 88 | 0 | 0 | 9 | 0 | 0 | 34 | 94 |
| | Bogra | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 060 | 88 | 0 | 0 | 9 | 0 | 0 | 46 | 90 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 031 | 76 | 0 | 0 | 9 | 0 | 0 | 65 | 96 |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 05 | 02 | 96 | 02 | 0 | 095 | 77 | 2 | 5 | 6 | 3 | 0 | 51 | 80 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 003 | 0 | 1 | 05 | 02 | 98 | 01 | 6 | 094 | 76 | 1 | 1 | 7 | 3 | 0 | 49 | 76 |
| | Islamabad | 009 | 1 | 7 | 00 | 00 | 96 | 03 | 6 | /// | 60 | 2 | 4 | 4 | 4 | 2 | 50 | 52 |
| | Rawalpindi | 000 | 0 | 6 | 27 | 02 | 98 | 01 | 9 | 105 | 65 | 6 | 4 | 0 | 0 | 0 | 52 | 73 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 36 | 00 | 97 | 01 | 0 | 079 | 77 | 0 | 0 | 0 | 0 | 0 | 51 | 85 |
| | Sargodha | 000 | 0 | 1 | 23 | 03 | 97 | 01 | 0 | 088 | 78 | 1 | 1 | 6 | 0 | 0 | 49 | 78 |
| | Lyallpur | 027 | 9 | 8 | 29 | 07 | 96 | 02 | 9 | 027 | 74 | 4 | 0 | 9 | 4 | 0 | 55 | 90 |
| Multan | Sahiwal | 000 | 0 | 4 | 23 | 04 | 97 | 03 | 5 | 088 | 72 | 3 | 3 | 6 | 3 | 0 | 49 | 80 |
| | Multan | | | | | | | | | | | | | | | | | |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 1 | 080 | 82 | 3 | 1 | 6 | 3 | 0 | 44 | 82 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 088 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 88 |
| | Fort Abbas | | | | | | | | | | | | | | | | | |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | 000 | 0 | 4 | 27 | 07 | 97 | 03 | 1 | 112 | 66 | 2 | 3 | 6 | 3 | 0 | 44 | // |
| | Haripur | 003 | 8 | 8 | 36 | 02 | 97 | 03 | 2 | 109 | 70 | 8 | 5 | 6 | 0 | 0 | // | 76 |
| D. I. Khan | Bannu | 000 | 0 | 2 | 16 | 02 | 99 | 01 | 0 | 100 | 74 | 2 | 2 | 7 | 0 | 0 | 53 | 76 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 092 | 88 | 0 | 0 | 9 | 0 | 0 | 36 | 80 |
| Quetta | Sibi | 000 | 0 | 0 | 27 | 01 | 96 | 02 | 0 | 103 | 83 | 0 | 0 | 9 | 0 | 0 | 46 | 84 |
| | Nokkundi | 000 | 0 | 1 | 31 | 01 | 96 | 03 | 0 | 120 | 74 | 0 | 0 | 9 | 0 | 0 | 52 | 75 |
| Kalat | Turbat | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 119 | 82 | 0 | 0 | 9 | 0 | 0 | 30 | 82 |
| | Jiwani | 000 | 0 | 0 | 18 | 09 | 96 | 02 | 0 | 120 | 80 | 0 | 0 | 9 | 0 | 0 | 54 | 93 |
| | Pasni | 000 | 0 | 0 | 25 | 10 | 97 | 02 | 0 | 123 | 83 | 0 | 0 | 0 | 0 | 0 | 51 | 81 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 14 | 96 | 02 | 0 | 112 | 81 | 0 | 0 | 9 | 0 | 0 | 60 | 85 |
| | Lasbela | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 093 | 92 | 0 | 0 | 0 | 0 | 0 | 71 | 94 |
| | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 096 | 81 | 0 | 0 | 9 | 0 | 0 | 54 | 86 |
| Hyderabad | Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 0 | 0 | 0 | 0 | 63 | 92 |
| | Chhor | 000 | 0 | 2 | 23 | 02 | 96 | 02 | 0 | 108 | 88 | 2 | 5 | 6 | 0 | 0 | 45 | 90 |
| | Hyderabad | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 098 | 87 | 0 | 0 | 9 | 0 | 0 | 53 | 87 |
| | Badin | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 097 | 90 | 0 | 0 | 9 | 0 | 0 | 50 | 92 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 05 | 97 | 03 | 0 | 078 | 83 | 1 | 1 | 7 | 0 | 0 | 69 | 85 |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 102 | 86 | 0 | 0 | 9 | 0 | 0 | 55 | 86 |
| | Sukkur | 000 | 0 | 0 | 20 | 05 | 96 | 02 | 0 | 098 | 82 | 0 | 0 | 9 | 0 | 0 | 38 | 87 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 095 | 82 | 0 | 0 | 9 | 0 | 0 | 59 | 83 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 054 | 0 | 0 | 00 | 00 | 97 | 02 | 6 | 487 | 51 | 5 | 0 | 6 | 6 | 0 | 41 | 51 |
| Peshawar | Cherat * | 003 | 6 | 0 | 34 | 02 | 98 | 02 | 5 | 474 | 52 | 0 | 0 | 9 | 0 | 0 | 37 | 52 |
| | Kakul * | 006 | 7 | 6 | 23 | 07 | 98 | 17 | 6 | 469 | 50 | 5 | 4 | 3 | 3 | 0 | 37 | 40 |
| | Landikotal * | 000 | 0 | 8 | 05 | 05 | 98 | 03 | 2 | 628 | 58 | 7 | 8 | 6 | 0 | 0 | 50 | 62 |
| | Parachinar * | 000 | 0 | 2 | 13 | 05 | 99 | 02 | 0 | 469 | 51 | 2 | 2 | 7 | 0 | 0 | 28 | 58 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 450 | 51 | 0 | 0 | 9 | 0 | 0 | 46 | 57 |
| | Wana * | 000 | 0 | 2 | 18 | 04 | 99 | 00 | 0 | 444 | 64 | 2 | 2 | 8 | 0 | 0 | 51 | 68 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 473 | 60 | 2 | 1 | 8 | 0 | 0 | // | 61 |
| | Hindubagh * | 000 | 0 | 0 | 27 | 13 | 97 | 02 | 0 | /// | 57 | 0 | 0 | 9 | 0 | 0 | 46 | 55 |
| | Loralai * | 000 | 0 | 0 | 27 | 04 | 97 | 01 | 0 | 485 | 47 | 0 | 1 | 9 | 0 | 0 | 49 | 65 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 457 | 68 | 0 | 0 | 9 | 0 | 0 | 27 | 69 |
| | Samungli (Quetta) * | 000 | 0 | 2 | 29 | 10 | 96 | 01 | 0 | 582 | 52 | 2 | 4 | 6 | 0 | 0 | 25 | 54 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 516 | 58 | 0 | 0 | 9 | 0 | 0 | 32 | 58 |
| | Nushki * | 000 | 0 | 2 | 31 | 02 | 97 | 02 | 0 | 551 | 63 | 0 | 0 | 9 | 0 | 0 | 39 | 67 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 512 | 67 | 0 | 0 | 9 | 0 | 0 | 28 | 69 |
| Kalat | Kalat * | 000 | 0 | 4 | 34 | 02 | 98 | 00 | 3 | 514 | 46 | 0 | 0 | 9 | 0 | 0 | 24 | 49 |
| | Khuzdar * | 008 | 0 | 0 | 31 | 02 | 97 | 01 | 0 | 483 | 64 | 0 | 0 | 9 | 0 | 0 | 18 | 66 |
| | Panjgur * | 008 | 0 | 0 | 36 | 08 | 96 | 02 | 0 | 506 | 70 | 0 | 0 | 9 | 0 | 0 | 27 | 72 |

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

| Division (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 4 | 0 | 18 | 32 | 97 | 04 | 2 | 134 | 84 | 0 | 0 | 9 | 0 | 0 | 64 | 67 |
| | Cox's Bazar | .00 | 0 | 4 | 31 | 02 | 96 | 02 | 0 | 122 | 84 | 2 | 4 | 5 | 2 | 0 | 72 | 73 |
| | Chittagong | 000 | 0 | 0 | 02 | 02 | 96 | 02 | 0 | 123 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 59 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 113 | 82 | 0 | 0 | 9 | 0 | 0 | 69 | // |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 122 | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 65 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 116 | 81 | 0 | 0 | 9 | 0 | 0 | 64 | 65 |
| | Sylhet | 030 | 0 | 0 | 03 | 05 | 96 | 00 | 0 | 115 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 62 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 118 | 79 | 0 | 0 | 9 | 0 | 0 | 62 | 56 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 102 | 87 | 0 | 0 | 9 | 0 | 0 | 49 | 69 |
| | Narayanganj | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | 117 | 82 | 0 | 0 | 9 | 0 | 0 | 60 | 65 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 0 | 115 | 82 | 0 | 0 | 9 | 0 | 0 | 56 | 60 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 117 | 84 | 1 | 0 | 9 | 0 | 0 | 50 | 64 |
| Khulna | Barisal | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | 110 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 65 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 06 | 0 | 123 | 84 | 0 | 0 | 9 | 0 | 0 | 68 | 73 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 121 | 81 | 0 | 0 | 9 | 0 | 0 | 71 | 67 |
| | Jessore | 000 | 0 | : | 25 | 05 | 97 | 05 | 8 | 116 | 82 | 1 | 0 | 9 | 3 | 0 | 60 | 62 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 110 | 79 | 0 | 0 | 9 | 0 | 0 | 49 | 62 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 117 | 79 | 0 | 0 | 9 | 0 | 0 | 60 | 64 |
| | Rajshahi | 000 | 0 | 2 | 25 | 02 | 96 | 03 | 6 | 109 | 81 | 0 | 0 | 9 | 3 | 7 | 45 | 60 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 115 | 82 | 0 | 0 | 9 | 0 | 0 | 56 | 62 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 079 | 73 | 0 | 0 | 9 | 7 | 0 | 65 | 62 |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 8 | 09 | 03 | 96 | 03 | 9 | 133 | 59 | 6 | 7 | 5 | 2 | 1 | 54 | 56 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Islamabad | 866 | 6 | 0 | 00 | 00 | 96 | 03 | 6 | /// | 56 | 7 | 2 | 5 | 4 | 0 | 49 | 51 |
| | Rawalpindi | 054 | 4 | 7 | 00 | 00 | 97 | 02 | 9 | 142 | 54 | 5 | 6 | 6 | 4 | 0 | 50 | 50 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 2 | 139 | 56 | 5 | 6 | 9 | 4 | 0 | 54 | 54 |
| | Sargodha | 000 | 0 | 5 | 36 | 09 | 97 | 04 | 2 | 134 | 59 | 1 | 5 | 6 | 0 | 1 | 54 | 58 |
| | Lyallpur | 019 | 9 | 0 | 09 | 04 | 95 | 02 | 9 | 125 | 59 | 6 | 9 | 7 | 0 | 0 | 56 | 56 |
| Multan | Sahiwal | 000 | 0 | 1 | 27 | 03 | 94 | 02 | 0 | /// | 58 | 0 | 0 | 9 | 3 | 0 | 47 | 59 |
| | Multan | | | | | | | | | | | | | | | | | |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 8 | 148 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 51 |
| | Bahawalpur | 020 | 9 | 0 | 00 | 00 | 96 | 08 | 6 | 137 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 56 |
| | Fort Abbas | | | | | | | | | | | | | | | | | |
| Malakand | Chakdara | 119 | 1 | 0 | 05 | 02 | 98 | 01 | 0 | 149 | // | 0 | 0 | 9 | 0 | 0 | 40 | // |
| Peshawar | Peshawar | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 153 | 58 | 0 | 0 | 9 | 0 | 0 | 43 | 50 |
| | Haripur | 020 | 8 | 0 | 05 | 03 | 97 | 03 | 2 | 135 | 58 | 7 | 0 | 9 | 5 | 0 | 32 | 51 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 152 | 56 | 0 | 0 | 9 | 0 | 0 | 47 | 51 |
| | D. I. Khan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 147 | 62 | 0 | 0 | 9 | 0 | 0 | 50 | 50 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 160 | 56 | 0 | 0 | 9 | 0 | 0 | 38 | 53 |
| | Nokkundi | 000 | 0 | 0 | 09 | 09 | 97 | 02 | 0 | 166 | 57 | 0 | 0 | 9 | 0 | 0 | 42 | 57 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 171 | 73 | 0 | 0 | 9 | 0 | 0 | 34 | 61 |
| | Jiwani | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 2 | 152 | 69 | 0 | 0 | 9 | 0 | 0 | 57 | 65 |
| | Pasni | 000 | 0 | 0 | 29 | 04 | 97 | 02 | 0 | 152 | 65 | 0 | 0 | 0 | 0 | 0 | 45 | // |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 164 | 69 | 0 | 0 | 9 | 0 | 0 | 57 | // |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 161 | 64 | 0 | 0 | 0 | 0 | 0 | 58 | 58 |
| | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 145 | 64 | 0 | 0 | 9 | 0 | 0 | 57 | 62 |
| Hyderabad | Nagarparker | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 143 | 69 | 0 | 0 | 0 | 0 | 0 | 41 | 69 |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 142 | 62 | 0 | 0 | 9 | 0 | 0 | 55 | 58 |
| | Hyderabad | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 142 | 67 | 0 | 0 | 9 | 0 | 0 | 46 | 65 |
| | Badin | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | /// | 69 | 0 | 0 | 9 | 0 | 0 | 61 | 67 |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 152 | 54 | 0 | 0 | 9 | 0 | 0 | 43 | 48 |
| | Nawabshah | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 160 | 57 | 0 | 0 | 9 | 0 | 0 | 38 | 50 |
| | Sukkur | 000 | 0 | 0 | 05 | 02 | 95 | 05 | 4 | 155 | 65 | 0 | 0 | 9 | 0 | 0 | 37 | 56 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 154 | 61 | 0 | 0 | 9 | 0 | 0 | 45 | 56 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 054 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | 542 | 38 | 0 | 0 | 9 | 0 | 0 | 30 | 35 |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 03 | 92 | 02 | 0 | 499 | 47 | 0 | 0 | 9 | 0 | 0 | 41 | 45 |
| | Kakul * | 135 | 4 | 8 | 00 | 00 | 97 | 02 | 6 | 434 | // | 8 | 4 | 9 | 0 | 0 | 58 | 56 |
| | Landikotal * | 000 | 0 | 0 | 05 | 05 | 98 | 01 | 8 | 620 | 50 | 4 | 6 | 9 | 0 | 0 | 45 | // |
| | Parachinar * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 508 | 41 | 0 | 0 | 9 | 0 | 0 | 38 | 35 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 502 | 58 | 0 | 0 | 9 | 0 | 0 | 45 | 51 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 482 | 45 | 0 | 0 | 9 | 0 | 0 | 41 | // |
| Quetta | Fort Sandeman * | 003 | 0 | 0 | 18 | 02 | 98 | 01 | 0 | 502 | 48 | 0 | 0 | 9 | 0 | 0 | 28 | 41 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 13 | 98 | 02 | 0 | /// | 36 | 0 | 0 | 9 | 0 | 0 | 34 | 28 |
| | Loralai * | 000 | 0 | 0 | 09 | 07 | 98 | 00 | 0 | 465 | 48 | 0 | 0 | 9 | 0 | 0 | 44 | 54 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 476 | 49 | 0 | 0 | 9 | 0 | 0 | 33 | 45 |
| | Samungli (Quetta) * | 000 | 0 | 1 | 00 | 00 | 98 | 02 | 0 | 523 | 36 | 0 | 0 | 9 | 0 | 1 | 29 | 38 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 503 | 43 | 0 | 0 | 9 | 0 | 0 | 39 | 39 |
| | Nushki * | 000 | 0 | 0 | 09 | 07 | 97 | 02 | 0 | 558 | 52 | 0 | 0 | 9 | 0 | 0 | 37 | // |
| | Dalbandin * | 000 | 9 | 0 | 05 | 03 | 97 | 03 | 0 | 512 | 58 | 2 | 0 | 9 | 0 | 1 | 41 | 44 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 531 | 37 | 0 | 0 | 9 | 0 | 0 | 24 | 30 |
| | Khuzdar * | 003 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 589 | 55 | 0 | 0 | 9 | 0 | 0 | 36 | 51 |
| | Panjgur * | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 509 | 49 | 0 | 0 | 9 | 0 | 0 | 33 | 45 |

**Departure from Normal of / Rainfall**

| Division (1) | Stations (2) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | | | | |
| | Cox's Bazar | + 1 | + 6 | — | — | — | 146 |
| | Chittagong | + 7 | — 3 | 1.4 | — 3.3 | 0.6 | 196 |
| | Maijdee Court | + 7 | — | — | | — | 115 |
| | Comilla | + 4 | — 3 | — | — | — | 94 |
| | Brahmanbaria | — | — | 2.5 | — 1.7 | 1.2 | 78 |
| | Sylhet | — | — | — | | — | — |
| | Srimangal | + 4 | — | — | — | — | 98 |
| Dacca | Mymensingh | + 6 | + 3 | 1.5 | — 1.5 | 1.3 | 91 |
| | Narayanganj | + 6 | — 6 | 2.9 | — 1.0 | 1.6 | 74 |
| | Dacca (Tejgaon) | — | — | — | — | — | — |
| | Faridpur | + 4 | — 5 | 2.6 | — 1.5 | 2.0 | 7 |
| Khulna | Barisal | — | — 4 | 2.2 | — 1.7 | 1.3 | 81 |
| | Khulna | + 8 | + 6 | — | — | — | 68 |
| | Satkhira | + 2 | 0 | — | — | — | 68 |
| | Jessore | — | — | — | — | — | 65 |
| Rajshahi | Pabna | + 4 | — | — | | — | 59 |
| | Sirajganj | + 3 | — 1 | 4.5 | + 2.1 | 1.6 | 64 |
| | Rajshahi | + 3 | — 4 | — | | — | — |
| | Bogra | 0 | + 1 | — | — | — | 69 |
| | Dinajpur | + 8 | + 1 | 2.6 | + 0.7 | 1.1 | 72 |
| | Rangpur | | | | | | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | — 3 | + 2 | — | — | — | 59 |
| | Sialkot | | | | | | 32 |
| Rawalpindi | Jhelum | — | — | | | | — |
| | Islamabad | — | — | — | — | — | — |
| | Rawalpindi | — 3 | — 1 | 0.5 | + 0.3 | 0.4 | 38 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | + 5 | — 5 | 1.5 | — 1.3 | 1.5 | 15 |
| | Sargodha | — | — | — | — | — | — |
| | Lyallpur | + 7 | + 1 | — | — | — | 18 |
| Multan | Sahiwal | — 5 | + 1 | — | — | — | 10 |
| | Multan | | | | | | 7 |
| | Leiah | | | | | | 8 |
| Bahawalpur | Khanpur | — 7 | — 4 | — | — | — | 6 |
| | Bahawalpur | — 7 | — 1 | 0.4 | — 0.7 | 0.4 | 5 |
| | Fort Abbas | | | | | | 8 |
| Malakand | Chakdara | — | — | 6.0 | — | 4.9 | — |
| Peshawar | Peshawar | — | — 3 | 2.8 | — 1.6 | 3.1 | 11 |
| | Haripur | — | — | 8.1 | — | 7.4 | — |
| D. I. Khan | Bannu | — | — | 7.9 | — | 7.5 | 11 |
| | D. I. Khan | — 2 | 0 | 8.4 | + 5.3 | 8.4 | 9 |
| Quetta | Sibi | — | — | 0.6 | — | 0.6 | 8 |
| | Nokkundi | — | — | 2.5 | — | 2.5 | 3 |
| Kalat | Turbat | — | — | 0.7 | — | 6.7 | — |
| | Jiwani | — | — | 9.1 | — | 8.3 | 8 |
| | Pasni | — 1 | — | 2.5 | — 2.2 | 3.5 | 6 |
| Karachi division | Ormara | — | — | 2.9 | — 1.7 | 2.9 | 6 |
| | Lasbela | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | | | | | | 8 |
| | Karachi (Airport) | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparker | — | — | 0.0 | — | 0.0 | — |
| | Chhor | — | — | — | — | — | 7 |
| | Hyderabad | — 7 | 0 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | — 1 | + 4 | 0.1 | — 0.7 | 0.1 | — |
| Khairpur | Padidan | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | 4 |
| | Jacobabad | — 8 | — 6 | 2.2 | + 1.1 | 2.1 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | HILL STATIONS | | | | | | — |
| Kashmir | Srinagar * | | | | | | 71 |
| | Gulmarg ** | | | | | | 20 |
| | Sonamarg ** | | | | | | |
| | Dras ** | | | | | | 3 |
| | Leh ** | | | | | | 6 |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | — |
| | Aliabad * | | | | | | 8 |
| | Gilgit * | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | 10 |
| Malakand | Drosh * | — 8 | — | — | — | — | 29 |
| Peshawar | Cherat * | — 8 | — 2 | 5.9 | — 4.6 | 5.3 | — |
| | Kakul * | — | — | 14.1 | — | 13.2 | — |
| | Landikotal * | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar * | — 3 | — 4 | — | — | — | 13 |
| D.I. Khan | Miranshah * | — | — | 0.1 | — 5.2 | 0.1 | 11 |
| | Wana * | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | — 10 | — 4 | 2.4 | — 1.2 | 2.4 | — |
| | Hindubagh * | — | — | 1.7 | — | 1.5 | 5 |
| | Loralai * | — | — | 2.1 | — | 2.1 | — |
| | Barkhan * | | | | | | 14 |
| | Harnai * | — | — | 2.6 | — 1.7 | 2.6 | 9 |
| | Samungli (Quetta) * | — | — | 3.4 | + 3.1 | 2.7 | 9 |
| | Chaman * | — 9 | — 7 | 7.7 | + 1.7 | 7.7 | — |
| | Nushki * | — | — | 3.5 | — | 3.5 | 4 |
| | Dalbandin * | — 8 | — 3 | 3.3 | — 0.5 | 3.3 | 7 |
| Kalat | Kalat * | — 13 | — 7 | 3.0 | — 1.5 | 3.0 | — |
| | Khuzdar * | — | — | 2.5 | — | 2.5 | 1 |
| | Panjgur * | — | — 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 over 999 is given [illegible] see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 19th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhCLhCMCH | DsVsa PP | 7RR tdtR | 8NsChs hs | OTsTsTdTd | ITwTwTwsT | 3PwPwHwHw | d dwPwHwH. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 (PoPoPo ToToTo DoDo) | 1000 mb (hhh TTTa DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 007 204 23 | ... | 490 180 49 | 075 045 50 | 576 119 50 | 475 205 50 | 951 361 50 | 220 567 // | 396 731 // | ... | — | ... | ... |
| Dacca ... | 00 00 | 008 220 64 | ... | 450 198 62 | 140 110 03 | 587 053 63 | 760 135 60 | 973 277 64 | 552 479 // | 437 607 // | 681 717 // | ... | ... | — |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 009 150 48 | ... | 450 119 48 | ... | 568 511 // | 735 231 // | 940 331 // | 219 525 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 997 140 40 | ... | 425 104 22 | 040 025 05 | 581 231 // | 719 303 // | 919 405 // | 290 405 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 971 106 28 | ... | 400 086 30 | 036 013 30 | 563 181 40 | 727 281 // | 929 429 // | 195 495 // | 384 495 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | 821 042 39 | ... | .. | 067 047 // | 559 290 21 | 716 371 // | 918 429 // | ... | ... | ... | — | ... | ... |
| Sargodha ... | 00 00 | 991 120 56 | ... | 370 060 56 | 943 045 58 | 514 201 // | 714 281 // | 917 355 // | 194 431 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE PtTtPtTtTtTat | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 172 47 | 800 090 48 | 600 265 61 | 350 277 50 | 250 410 01 | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 234 43 | 800 154 61 | 600 045 62 | 350 195 64 | 250 821 11 | ... | ... | ... | ... | ... | ... | ... |
| Gilgit .. | | | | | | | | | | | | | |
| Jiwani .. | | | | | | | | | | | | | |
| Karachi .. | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan .. | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 880 042 // | 600 171 // | 350 399 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha .. | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | - | - |
| Bogra ... | 270 15 | 275 13 | 275 12 | 290 16 | 285 31 | 285 33 | 285 23 | - | - |
| Chaklala ... | . | 150 09 | 130 07 | 125 07 | ... | ... | ... | — | — |
| Chhor ... | 295 04 | 250 25 | 255 30 | 290 08 | 250 19 | | ... | ... | ... |
| Chittagong ... | 275 02 | 310 05 | 310 08 | 310 14 | 310 19 | 315 30 | 305 37 | 280 23 | 270 29 |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | | ... |
| Cox's Bazar ... | 295 09 | 345 12 | 345 17 | 335 18 | 330 24 | 345 40 | 330 34 | 265 21 | ... |
| Dacca ... | 270 19 | 270 19 | 265 18 | 275 17 | 275 21 | 285 33 | 300 58 | 295 55 | 280 56 |
| Dalbandin ... | ... | ... | 140 04 | 095 03 | 095 04 | 015 12 | 335 42 | 330 50 | 325 52 |
| D. I. Khan ... | 075 04 | 060 03 | 305 03 | 305 02 | 280 08 | 305 03 | 250 08 | 235 13 | 300 17 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 285 13 | 270 15 | 255 13 | 300 16 | 290 15 | 270 20 |
| Gilgit ... | ... | ... | ... | ... | 195 06 | 205 14 | 210 19 | ... | ... |
| Ishurdi ... | 290 15 | 290 21 | 285 10 | 280 19 | 275 27 | ... | ... | | |
| Jacobabad ... | 340 15 | 330 17 | 320 17 | 315 19 | 295 29 | 280 25 | 270 45 | /// / ; | 270 51 |
| Jessore ... | 280 15 | 275 15 | 275 15 | 280 17 | 305 14 | 305 20 | 315 33 | ... | ... |
| Jhelum ... | 100 03 | 110 04 | 130 07 | 180 12 | 210 20 | 230 18 | 210 25 | 220 31 | 220 29 |
| Jiwani ... | 200 05 | 195 04 | 195 08 | 015 11 | 340 14 | 015 25 | 340 20 | 345 21 | 340 29 |
| Karachi ... | 240 08 | 240 02 | 345 02 | 350 05 | 310 14 | 305 19 | 305 33 | 285 27 | 285 28 |
| Khanpur ... | 230 04 | 235 03 | 250 12 | 215 07 | 215 09 | 210 09 | 240 01 | - | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 005 03 | 355 03 | 350 03 | 285 06 | 280 17 | 225 08 | 280 11 | ... | ... |
| Multan ... | 110 07 | 200 07 | 230 05 | 240 10 | 245 19 | 240 30 | 240 66 | ... | .. |
| Nawab Shah ... | 315 07 | 350 05 | 355 04 | 300 07 | 270 15 | 265 18 | 285 45 | 265 18 | . |
| Nokkundi ... | ... | ... | 300 08 | 310 07 | 345 04 | 335 12 | 350 27 | 320 58 | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 285 04 | 330 05 | 300 04 | 190 05 | 220 18 | 205 12 | 200 31 | 300 26 |
| Parachinar ... | ... | ... | ... | — | 155 04 | 225 05 | 220 10 | 230 20 | ... |
| Quetta ... | | | | ... | 305 12 | 295 08 | | ... | |
| Sargodha ... | 175 04 | 165 04 | 170 04 | 195 08 | 220 17 | 215 19 | 215 22 | 235 27 | 220 28 |
| Skardu ... | ... | ... | ... | ... | ... | ... | | — | . |
| Sylhet ... | 245 10 | 250 11 | 245 16 | 245 19 | 255 14 | 285 23 | 270 35 | - | ... |
| Veraval ... | ... | ... | — | ... | ... | — | — | — | ... |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 330 13 | 310 08 | 320 06 | 315 09 | ... | ... |
| Bogra ... | 270 08 | 280 08 | 285 14 | 295 15 | 295 21 | 290 28 |
| Chaklala ... | ... | 110 08 | 140 12 | 200 08 | ... | |
| Chhor ... | 360 20 | 360 35 | 325 22 | 305 16 | 290 21 | 265 24 |
| Chittagong ... | ... | ... | ... | ... | — | .. |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | | ... | ... | ... | .. | ... |
| Dacca ... | 245 12 | 295 12 | 280 11 | ... | ... | ... |
| Dalbandin ... | ... | ... | 065 11 | 040 11 | 300 15 | 300 25 |
| D. I. Khan ... | 240 04 | 325 03 | 280 18 | 258 04 | 290 05 | 310 04 |
| Drosh ... | ... | ... | — | 070 01 | 034 40 | 045 06 |
| Fort Sandeman ... | | — | ... | 340 06 | 340 11 | 335 37 |
| Gilgit ... | | | ... | 030 03 | 060 01 | ... |
| Ishurdi ... | 365 10 | 295 10 | 300 10 | 290 20 | 300 19 | 285 20 |
| Jacobabad ... | 235 29 | 330 37 | 315 29 | 310 22 | 275 18 | . |
| Jessore ... | 290 15 | 295 03 | 290 08 | 295 11 | 310 15 | 310 19 |
| Jhelum ... | 265 11 | 345 06 | 020 04 | 105 15 | 130 33 | ... |
| Jiwani ... | 310 11 | 295 14 | 295 12 | 290 05 | 025 03 | 280 05 |
| Karachi ... | ... | | | | ... | |
| Khanpur ... | 040 05 | 020 04 | 210 15 | 340 18 | 360 24 | 340 19 |
| Khuzdar ... | | | ... | 320 05 | 305 11 | 330 27 |
| Lahore ... | 240 08 | 325 09 | 330 10 | 285 05 | 360 10 | 280 20 |
| Multan ... | | ... | | ... | | ... |
| Nawab Shah ... | 010 19 | 005 08 | 295 09 | 290 16 | 340 16 | 340 27 |
| Nokkundi ... | ... | ... | 290 10 | 215 08 | 215 06 | 240 12 |
| Panjgur ... | ... | | ... | 350 14 | 315 25 | 325 15 |
| Peshawar ... | ... | 135 04 | 130 05 | 130 14 | 145 15 | 180 08 |
| Parachinar ... | .. | ... | .. | 060 01 | 005 04 | ... |
| Quetta ... | ... | | ... | ... | | ... |
| Sargodha ... | 125 04 | 135 05 | 135 05 | 170 07 | 195 10 | 235 15 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 120 12 | 210 27 | 210 10 | 340 11 | 275 19 | 330 45 |
| Veraval ... | ... | ... | ... | — | — | — |

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 275 07 | 270 08 | 270 08 | 310 29 | 295 21 | ... | ... | ... | | ... | |
| Bogra ... | 275 04 | 295 06 | 245 08 | 295 19 | 295 27 | 290 28 | 245 36 | /// // | 245 39 | .. | |
| Chaklala ... | ... | 040 05 | 015 06 | 360 05 | 025 05 | 015 01 | 255 06 | | | | ... |
| Chhor ... | 005 07 | 350 12 | 305 13 | 280 19 | 340 19 | 320 24 | 305 35 | 305 49 | 300 55 | .. | ... |
| Chittagong ... | 355 07 | 220 08 | 270 10 | 290 13 | 285 13 | 290 31 | 290 24 | 260 21 | 240 24 | 222 21 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... |
| Cox's Bazar ... | 310 14 | 295 12 | 295 11 | 280 08 | 295 06 | 260 04 | 330 29 | 290 76 | 290 36 | .. | |
| Dacca ... | 250 04 | 265 05 | 280 07 | 290 15 | 290 20 | 305 23 | 220 40 | 260 36 | 280 37 | 745 42 | ... |
| Dalbandin ... | .. | ... | 095 07 | 060 08 | 345 15 | 325 18 | 300 30 | 305 26 | 310 51 | 300 33 | 275 78 |
| D. I. Khan ... | - | ... | ... | ... | ... | — | | | | ... | ... |
| Drosh ... | ... | ... | ... | ... | | | | | | | - |
| Fort Sandeman ... | ... | ... | — | 030 01 | 250 05 | 320 11 | 295 22 | 275 52 | 270 59 | 275 60 | |
| Gilgit ... | | | | | | | ... | | .. | ... | |
| Ishurdi ... | 275 05 | 275 12 | 285 15 | 280 19 | 300 12 | 305 49 | | | | | .. |
| Jacobabad ... | 040 13 | 015 12 | 020 20 | 335 13 | 335 16 | 330 29 | 310 31 | 310 04 | 300 46 | .. | .. |
| Jessore ... | 270 08 | 270 08 | 255 09 | 290 15 | 320 23 | 320 39 | 340 33 | ... | ... | .. | |
| Jhelum ... | ... | | | | | | | | | | |
| Jiwani ... | 330 06 | 295 05 | 285 04 | 275 06 | 220 10 | 275 10 | 265 27 | 295 33 | 285 37 | 295 32 | 305 36 |
| Karachi ... | 025 12 | 045 07 | 325 09 | 330 10 | 335 14 | 320 17 | 340 28 | 310 29 | 320 42 | | |
| Khanpur ... | 030 13 | 025 14 | 015 15 | 015 16 | 360 13 | 010 08 | 060 08 | 165 12 | 155 15 | 185 13 | 190 06 |
| Khuzdar ... | | | | | ... | ... | | .. | | .. | ... |
| Lahore ... | 320 08 | 325 13 | 325 10 | 295 05 | 105 10 | 120 14 | 140 18 | ... | .. | .. | ... |
| Multan ... | 360 11 | 360 17 | 355 34 | 350 40 | 350 45 | 353 60 | 240 45 | 340 14 | 340 45 | .. | ... |
| Nawab Shah ... | 0.0 12 | 345 11 | 325 08 | 350 11 | 345 21 | 300 25 | 305 47 | 300 47 | .. | .. | .. |
| Nokkundi ... | ... | ... | 100 19 | 180 13 | 270 10 | 270 10 | | .. | . | | ... |
| Panjgur ... | ... | | | 325 05 | 290 06 | 300 07 | 255 13 | | | | |
| Peshawar ... | | 215 06 | 170 11 | 165 11 | 145 14 | 155 19 | 205 13 | 190 22 | 195 39 | 175 47 | 175 60 |
| Parachinar ... | ... | ... | — | ... | 280 02 | 210 07 | | | | | |
| Quetta ... | ... | | | ... | 305 06 | 285 07 | 360 14 | 290 53 | 300 23 | | .. |
| Sargodha ... | 340 08 | 340 12 | 360 15 | 360 14 | 345 12 | 010 08 | 335 13 | 335 41 | 345 49 | 340 40 | .. |
| Skardu ... | | | | 260 03 | 105 11 | | | | | | ... |
| Sylhet ... | 130 02 | 250 07 | 245 13 | 255 11 | 270 16 | 280 27 | 290 73 | 260 30 | 285 42 | .. | ... |
| Veraval ... | — | ... | ... | ... | ... | — | — | ... | | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi .. | 305 18 | 330 22 | 330 19 | 310 13 | 320 15 | 330 32 | 320 34 | 300 40 | 290 63 | 290 53 | 300 61 | — | — | | — | ... | — | — |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta . | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

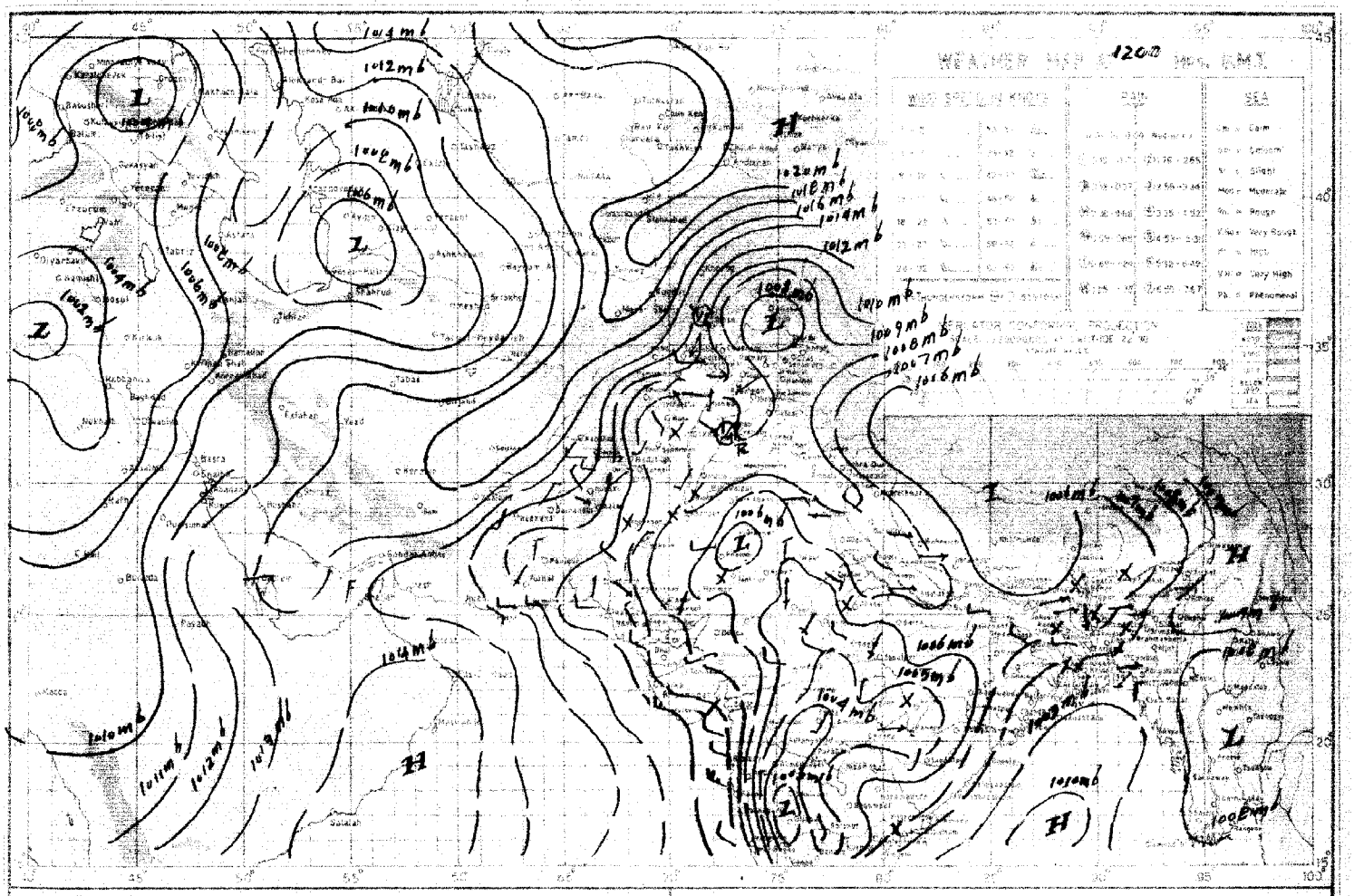
† The actual time of observation may vary within half an hour of the specified time.

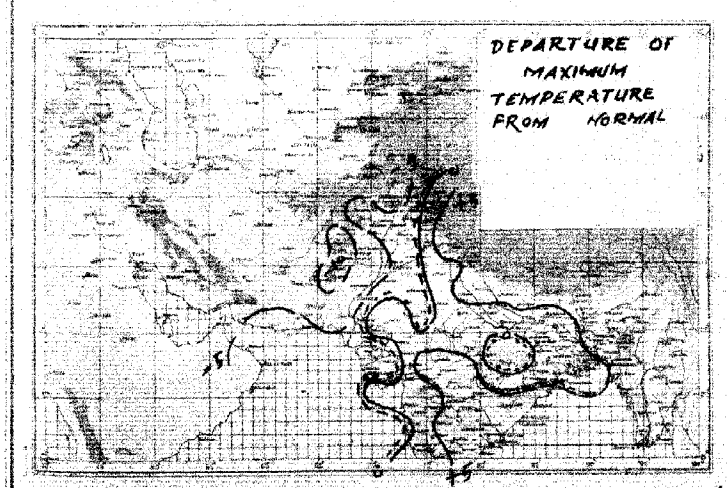
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "f" omitted.

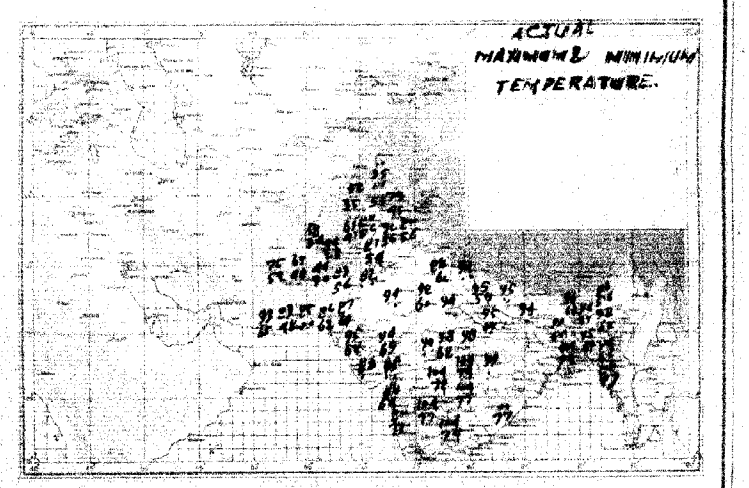
The accuracy of individual entries in this report cannot be guaranteed. Corrections checked, if necessary on ap[illegible] to the Meteorologist, Weather Centre (Air Port) KARACHI—11

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18TH MARCH, 1970



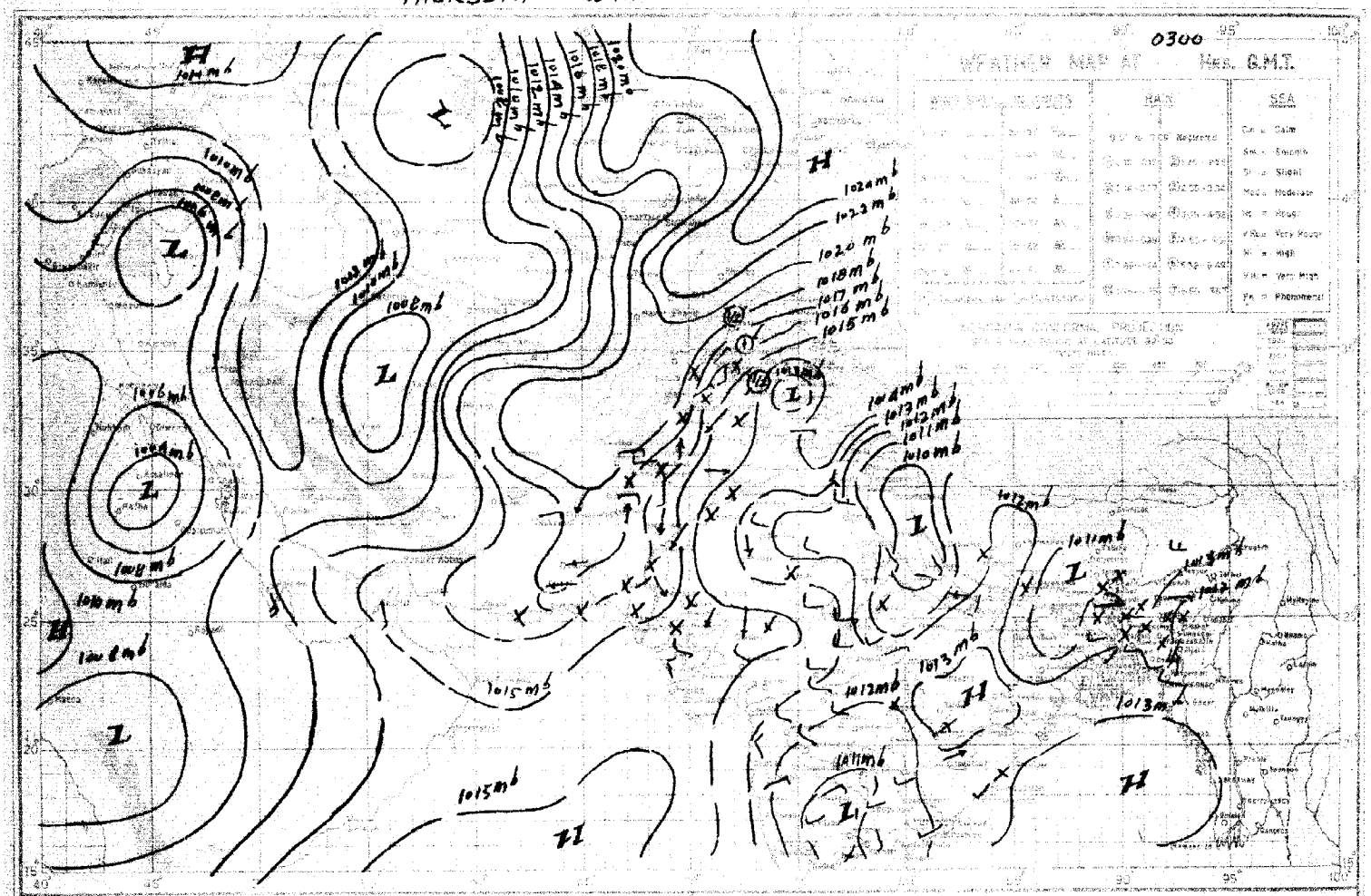



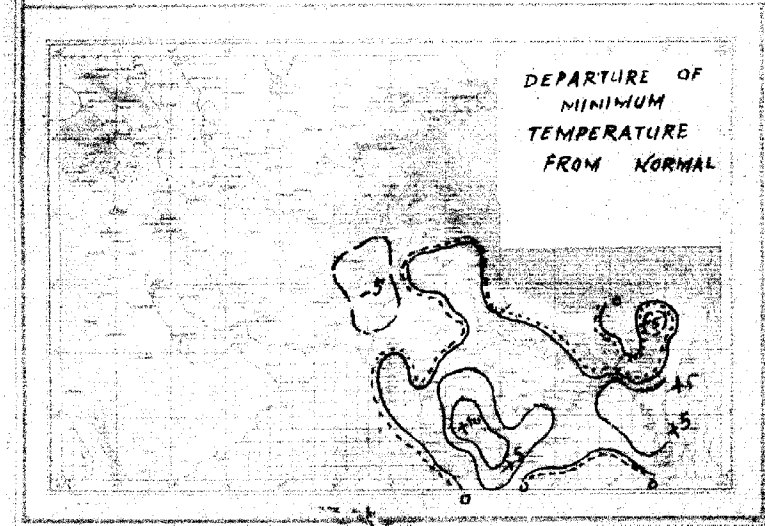



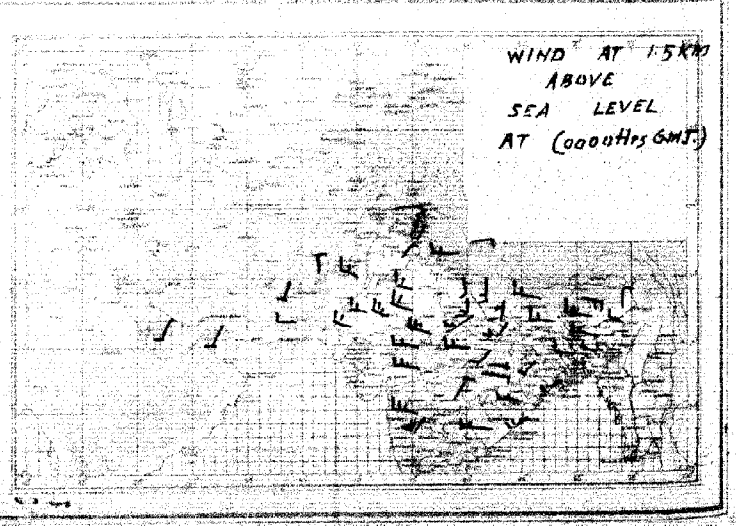

PRINTED AT THE SURVEY OF PAKISTAN OFFICE, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

THURSDAY 19TH MARCH, 1970

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Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 20th MARCH, 1970.**

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

Yesterday's western disturbance over Lahore division and Kashmir moved away eastwards.
A fresh western disturbance that lay over southeast Iran and adjoining Kalat division last evening, persists over that region.
A few falls of light rain have occurred in Lahore and Rawalpindi divisions. Weather remained dry elsewhere over the country.
Night temperatures were 3—8 °F (2—4 °C) below normal in Sargodha, Multan, Bahawalpur, Peshawar, Quetta, Kalat, Hyderabad and Khairpur divisions.
**Forecast valid until the evening of 21st March 1970 :**—Rain/thundershowers are likely to occur in Quetta and Kalat divisions and scattered in D. I. Khan, Peshawar, Malakand and Khairpur divisions. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 20th March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 23 | 03 | 96 | 04 | 0 | 095 | 90 | 0 | 0 | 9 | 0 | 0 | 56 | 95 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 06 | 94 | 02 | 0 | 088 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 90 |
| | Chittagong | 000 | 0 | 2 | 25 | 03 | 96 | 03 | 0 | 084 | 84 | 0 | 0 | 9 | 0 | 1 | 72 | 91 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 083 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | 94 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 078 | 87 | 0 | 0 | 9 | 0 | 0 | 58 | 55 |
| | Brahmanbaria | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 1 | 173 | 86 | 0 | 0 | 9 | 0 | 0 | 64 | 95 |
| | Sylhet | 000 | 0 | 4 | 13 | 02 | 96 | 01 | 0 | 071 | 80 | 0 | 0 | 9 | 0 | 0 | 49 | 91 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 078 | 84 | 0 | 0 | 9 | 0 | 0 | 60 | 95 |
| Dacca | Mymensingh | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 1 | 076 | 87 | 6 | 4 | 6 | 2 | 0 | 54 | 95 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 92 | 00 | 0 | 079 | 90 | 0 | 0 | 9 | 0 | 0 | 60 | 98 |
| | Dacca (Tejgaon) | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 075 | 90 | 1 | 0 | 9 | 3 | 1 | 45 | 98 |
| | Faridpur | 000 | 0 | 3 | 20 | 02 | 97 | 01 | 0 | 040 | 91 | 3 | 5 | 6 | 0 | 0 | 41 | 93 |
| Khulna | Barisal | 000 | 0 | 3 | 27 | 03 | 96 | 02 | 0 | 079 | 87 | 0 | 0 | 9 | 0 | 0 | 60 | 95 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 083 | 91 | 0 | 0 | 9 | 0 | 0 | 60 | 98 |
| | Satkhira | 000 | 0 | 5 | 00 | 00 | 97 | 00 | 0 | /// | // | / | / | / | / | / | 56 | 96 |
| | Jessore | 000 | 0 | 5 | 30 | 05 | 97 | 02 | 2 | 076 | 90 | 2 | 3 | 5 | 0 | 8 | 46 | 96 |
| Rajshahi | Pabna | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 070 | 90 | 6 | 0 | 1 | 9 | 0 | 54 | 95 |
| | Sirajganj | 000 | 0 | 6 | 27 | 02 | 95 | 03 | 2 | 093 | 91 | 6 | 0 | 7 | 5 | 0 | 40 | 94 |
| | Rajshahi | 000 | 0 | 8 | 31 | 02 | 93 | 03 | 3 | 084 | 87 | 8 | 0 | 9 | 3 | 0 | 59 | 95 |
| | Bogra | 000 | 0 | 7 | 27 | 03 | 96 | 03 | 2 | 071 | 87 | 2 | 5 | 5 | 7 | 0 | 41 | 95 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 03 | 2 | 068 | 86 | 6 | 0 | 9 | 6 | 0 | 43 | 91 |
| | Rangpur | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 1 | 024 | 73 | 7 | 0 | 9 | 2 | 0 | 64 | 94 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 003 | 1 | 3 | 80 | 00 | 96 | 21 | 6 | 118 | 66 | 2 | 5 | 6 | 2 | 0 | 56 | 66 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 177 | // | 0 | 0 | 9 | 0 | 0 | 58 | 84 |
| Rawalpindi | Jhelum | 002 | 0 | 3 | 00 | 00 | 98 | 01 | 4 | 202 | 73 | 2 | 0 | 9 | 1 | 0 | 50 | 75 |
| | Islamabad | 000 | 0 | 5 | 00 | 00 | 98 | 02 | 0 | /// | 68 | 3 | 4 | 7 | 4 | 0 | 51 | 68 |
| | Rawalpindi | 000 | 0 | 5 | 09 | 02 | 99 | 02 | 2 | 112 | 69 | 0 | 0 | 9 | 6 | 4 | 46 | 73 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 095 | 79 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Sargodha | 008 | 0 | 3 | 05 | 05 | 97 | 03 | 0 | 185 | 77 | 1 | 1 | 6 | 0 | 1 | 46 | 78 |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 96 | 00 | 0 | 112 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 75 |
| Multan | Sahiwal | 000 | 0 | 4 | 36 | 03 | 97 | 03 | 1 | 118 | 78 | 1 | 0 | 5 | 3 | 1 | 43 | 80 |
| | Multan | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 128 | 80 | 0 | 0 | 9 | 0 | 0 | 32 | 80 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 117 | 80 | 0 | 0 | 9 | 0 | 0 | 36 | 84 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 110 | 79 | 0 | 0 | 9 | 0 | 0 | 54 | 96 |
| | Fort Abbas | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 106 | 73 | 0 | 0 | 9 | 0 | 0 | 55 | 75 |
| Malakand | Chakdra | 000 | 0 | 7 | 18 | 07 | 97 | 03 | 1 | 044 | 72 | 1 | 1 | 7 | 0 | 8 | 46 | 72 |
| Peshawar | Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Haripur | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 893 | 72 | 0 | 0 | 9 | 0 | 0 | 52 | 79 |
| D. I. Khan | Bannu | 000 | 0 | 5 | 18 | 02 | 99 | 01 | 1 | 113 | 75 | 0 | 0 | 9 | 0 | 8 | 33 | 79 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 118 | 80 | 0 | 0 | 9 | 0 | 0 | 40 | 81 |
| Quetta | Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 140 | 83 | 0 | 6 | 9 | 4 | 2 | 56 | 84 |
| | Nokkundi | 000 | 0 | 4 | 09 | 02 | 97 | 03 | 0 | 090 | 78 | 4 | 5 | 6 | 0 | 0 | 55 | 79 |
| Kalat | Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 184 | 84 | 0 | 0 | 9 | 0 | 0 | 31 | 85 |
| | Jiwani | 000 | 0 | 3 | 23 | 07 | 96 | 01 | 0 | 131 | 80 | 0 | 0 | 9 | 0 | 0 | 56 | 84 |
| | Pasni | 000 | 0 | 0 | 11 | 02 | 97 | 02 | 0 | 133 | 84 | 0 | 0 | 0 | 0 | 0 | 53 | 88 |
| Karachi division | Ormara | 000 | 0 | 3 | 27 | 12 | 96 | 01 | 1 | 125 | 83 | 3 | 0 | 9 | 0 | 0 | 58 | 87 |
| | Lasbela | 000 | 0 | 2 | 13 | 02 | 98 | 00 | 0 | 103 | 91 | 0 | 0 | 8 | 0 | 0 | 71 | 93 |
| | Karachi (Manora) | 000 | 0 | 4 | 27 | 07 | 97 | 03 | 0 | 118 | 80 | 0 | 0 | 9 | 0 | 1 | 64 | 86 |
| | Karachi (Airport) | 000 | 0 | 3 | 23 | 05 | 96 | 03 | 0 | 111 | 88 | 0 | 0 | 9 | 0 | 0 | 36 | 91 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 121 | 87 | 0 | 0 | 0 | 0 | 0 | 43 | 92 |
| | Chhor | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 105 | 88 | 0 | 0 | 9 | 0 | 0 | 15 | 91 |
| | Hyderabad | 000 | 0 | 2 | 31 | 02 | 97 | 03 | 0 | 122 | 86 | 0 | 0 | 9 | 0 | 1 | 29 | 88 |
| | Badin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 141 | 90 | 0 | 0 | 9 | 0 | 0 | 47 | 92 |
| Khairpur | Padidan | 000 | 0 | 0 | 18 | 03 | 97 | 03 | 0 | 131 | 84 | 0 | 0 | 9 | 0 | 1 | 24 | 85 |
| | Nawabshah | 000 | 0 | 2 | 05 | 03 | 96 | 03 | 0 | 128 | 85 | 0 | 0 | 9 | 0 | 4 | 42 | // |
| | Sukkur | 000 | 0 | 0 | 11 | 02 | 96 | 02 | 0 | 120 | 86 | 0 | 0 | 9 | 0 | 0 | 53 | 87 |
| | Keshmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 112 | 85 | 0 | 0 | 9 | 0 | 0 | 63 | 86 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat * | 000 | 0 | 0 | 29 | 03 | 98 | 02 | 0 | 501 | 60 | 0 | 0 | 9 | 0 | 0 | 32 | 63 |
| | Kakul * | 000 | 0 | 4 | 13 | 03 | 98 | 01 | 1 | 498 | 59 | 3 | 4 | 4 | 0 | 1 | 36 | 60 |
| | Landikotal * | 000 | 0 | 8 | 05 | 05 | 98 | 02 | 2 | 628 | 58 | 8 | 7 | 6 | 8 | 0 | 50 | 60 |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 490 | 51 | 0 | 0 | 9 | 0 | 0 | 41 | 64 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 480 | 66 | 0 | 0 | 9 | 0 | 0 | 40 | 60 |
| Quetta | Fort Sandeman * | 000 | 0 | 3 | 13 | 03 | 97 | 03 | 0 | 486 | 47 | 0 | 0 | 9 | 0 | 1 | 27 | 67 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 05 | 97 | 03 | 0 | /// | 48 | 0 | 0 | 9 | 0 | 0 | 40 | 50 |
| | Loralai * | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 470 | 63 | 0 | 0 | 9 | 0 | 0 | 43 | 66 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 0 | 478 | 72 | 0 | 0 | 9 | 0 | 0 | 32 | 72 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 08 | 03 | 97 | 03 | 0 | 555 | 57 | 1 | 0 | 9 | 0 | 4 | 25 | 60 |
| | Chaman * | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 0 | 510 | 65 | 0 | 0 | 9 | 0 | 0 | 41 | 66 |
| | Nushki * | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 545 | 67 | 0 | 0 | 9 | 0 | 2 | 39 | 67 |
| | Dalbandin * | 000 | 0 | 8 | 05 | 05 | 97 | 03 | 1 | 508 | 75 | 0 | 0 | 9 | 8 | 7 | 32 | 74 |
| Kalat | Kalat * | 000 | 0 | 8 | 02 | 02 | 96 | 00 | 3 | 580 | 61 | 0 | 0 | 9 | 0 | 0 | 32 | 71 |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur * | 000 | 0 | 5 | 23 | 02 | 96 | 02 | 1 | 507 | 79 | 1 | 0 | 9 | 2 | 1 | 35 | 81 |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 04 | 56 | 96 | 04 | 4 | 128 | 84 | 1 | 1 | 7 | 3 | 1 | 65 | 73 | — | — | 4.0 | — | 2.4 | - |
| | Cox's Bazar | 300 | 0 | 0 | 09 | 06 | 96 | 02 | 0 | 117 | 82 | 0 | 0 | 9 | 1 | 0 | 65 | // | + 3 | — | 0.9 | — 4.6 | 0.3 | 140 |
| | Chittagong | 000 | 0 | 4 | 05 | 02 | 96 | 02 | 1 | 119 | 84 | 0 | 0 | 9 | 0 | 4 | 69 | 69 | + 4 | + 1 | 1.4 | — 4.4 | 0.6 | 106 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 112 | 79 | 0 | 0 | 9 | 0 | 1 | 75 | 73 | + 7 | + 2 | 3.6 | — 0.9 | 3.3 | 115 |
| | Comilla | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 107 | 77 | 1 | 0 | 9 | 2 | 2 | 75 | 73 | + 5 | + 5 | 2.2 | — 1.8 | 1.7 | 94 |
| | Brahmanbaria | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 0 | 105 | 82 | 0 | 0 | 9 | 6 | 0 | 64 | 69 | — | — | 2.5 | — 1.9 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 0 | 89 | 04 | 97 | 02 | 0 | 109 | 75 | 0 | 0 | 9 | 0 | 0 | 58 | 61 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 123 | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 58 | + 5 | — 3 | 2.3 | — 2.0 | 4.7 | 58 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 84 | 0 | 0 | 9 | 0 | 0 | 67 | 60 | + 7 | — 6 | 1.6 | — 1.6 | 1.3 | 91 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 115 | 84 | 0 | 0 | 9 | 0 | 0 | 65 | 73 | + 8 | — 4 | 2.9 | — 1.2 | 1.5 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 00 | 02 | 94 | 05 | 0 | 112 | 86 | 1 | 0 | 9 | 4 | 0 | 46 | 69 | — | — | 2.5 | — | 1.2 | — |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 109 | 87 | 0 | 0 | 9 | 0 | 0 | 50 | 65 | + 3 | — 2 | 3.4 | — 1.6 | 2.0 | 71 |
| Khulna | Barisal | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 112 | 81 | 2 | 0 | 9 | 2 | 0 | 73 | 75 | + 5 | + 6 | 2.2 | — 2.0 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 06 | 0 | 098 | 90 | 0 | 0 | 9 | 0 | 0 | 60 | 69 | + 7 | — 3 | 4.7 | + 1.1 | 3.4 | 68 |
| | Satkhira | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 114 | 84 | 0 | 0 | 9 | 0 | 0 | 65 | 73 | + 3 | + 4 | 3.2 | — 0.6 | 3.0 | 68 |
| | Jessore | 000 | 0 | 1 | 25 | 05 | 91 | 02 | 1 | 112 | 84 | 0 | 0 | 9 | 0 | 1 | 56 | 68 | — | — | 4.7 | + 1.0 | 3.6 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 110 | 84 | 0 | 0 | 9 | 0 | 0 | 59 | 45 | | — | 4.0 | — | 3.0 | 89 |
| | Sirajganj | 000 | 0 | 2 | 18 | 02 | 98 | 00 | 0 | 110 | 82 | 0 | 0 | 9 | 0 | 0 | 45 | 64 | + 4 | 0 | 2.2 | — 0.3 | 1.9 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 119 | 81 | 0 | 0 | 9 | 0 | 0 | 62 | 65 | + 4 | 0 | 4.5 | + 2.1 | 1.6 | — |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 107 | 82 | 0 | 0 | 9 | 0 | 0 | 54 | 65 | + 4 | + 1 | 2.6 | — | 1.4 | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 106 | 91 | 0 | 0 | 9 | 0 | 0 | 58 | 62 | + 1 | + 1 | 1.7 | — 0.1 | 1.8 | 72 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 106 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 62 | + 6 | + 1 | 2.7 | + 0.7 | 1.1 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 003 | 0 | 3 | 00 | 00 | 95 | 05 | 1 | 160 | 58 | 0 | 0 | 9 | 0 | 2 | 54 | 52 | + 7 | — 2 | 2.0 | — 1.1 | 2.0 | 19 |
| | Sialkot | 008 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 120 | 62 | 0 | 0 | 9 | 0 | 0 | 54 | // | + 3 | — | 1.8 | — 3.9 | 1.7 | 32 |
| Rawalpindi | Jhelum | 002 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 154 | 58 | 0 | 0 | 9 | 0 | 1 | 52 | 52 | — | — | 5.3 | — | 5.2 | — |
| | Islamabad | 0*0 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | /// | 58 | 3 | 3 | 6 | 4 | 0 | 47 | 51 | — | — | 6.2 | — | 6.3 | — |
| | Rawalpindi | 000 | 0 | 3 | 36 | 01 | 98 | 00 | 0 | 165 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 50 | — 3 | — 1 | 8.6 | + 0.3 | 9.4 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 003 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 150 | 65 | 0 | 0 | 9 | 0 | 0 | 40 | 54 | 0 | — 3 | 1.5 | — 1.4 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 7 | 00 | 00 | 96 | 04 | 1 | 155 | 58 | 0 | 0 | 9 | 0 | 1 | 48 | 50 | — | — | 1.9 | — | 1.7 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 142 | 58 | 0 | 0 | 9 | 0 | 0 | 52 | 54 | — 8 | — 1 | 1.8 | + 0.1 | 1.5 | 13 |
| Multan | Sahiwal | 000 | 0 | 7 | 00 | 00 | 94 | 04 | 4 | 158 | 63 | 3 | 0 | 9 | 0 | 4 | 46 | 52 | — 5 | — 6 | 0.0 | — 0.5 | 0.0 | 18 |
| | Multan | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 150 | 62 | 0 | 0 | 9 | 0 | 0 | 58 | 56 | — | — | 0.0 | — | 0.0 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 158 | 59 | 0 | 0 | 9 | 0 | 2 | 49 | 52 | — 5 | — 3 | 2.0 | + 0.9 | 1.7 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 08 | 00 | 95 | 00 | 0 | 182 | 68 | 0 | 0 | 9 | 0 | 0 | 52 | 56 | + 9 | — | 0.4 | — 0.6 | 0.4 | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 7 | 18 | 05 | 97 | 03 | 1 | 156 | 53 | 0 | 0 | 9 | 0 | 8 | 45 | 45 | — | — | 5.9 | — | 4.9 | — |
| Peshawar | Peshawar | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 1 | 168 | 56 | 0 | 0 | 9 | 0 | 2 | 43 | 49 | — | — | 3.8 | — 1.8 | 3.1 | 11 |
| | Haripur | 020 | 3 | 4 | 05 | 02 | 98 | 01 | 1 | 158 | 40 | 4 | 0 | 9 | 0 | 5 | 49 | 49 | — | — | 8.3 | — | 7.4 | — |
| D. I. Khan | Bannu | 000 | 0 | 6 | 31 | 02 | 99 | 02 | 1 | 156 | 56 | 0 | 0 | 9 | 0 | 0 | 35 | 53 | — | — | 7.9 | — | 7.5 | 11 |
| | D. I. Khan | 000 | 0 | 5 | 00 | 00 | 97 | 00 | 0 | 150 | 59 | 0 | 0 | 9 | 0 | 0 | 47 | 54 | — 1 | — 2 | 8.4 | + 6.2 | 8.4 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 27 | 03 | 97 | 03 | 1 | 154 | 56 | 4 | 2 | 9 | 5 | 7 | // | 54 | — | — | 0.6 | — | 0.6 | 8 |
| | Nokkundi | 000 | 0 | 7 | C0 | 10 | 96 | 03 | 2 | 113 | 64 | 4 | 5 | 5 | 2 | 0 | 48 | 56 | — | — | 3.5 | — | 3.5 | 9 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 171 | 66 | 0 | 0 | 9 | 0 | 0 | 48 | 60 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 1 | 150 | 66 | 2 | 4 | 3 | 3 | 0 | 62 | 60 | — | — | 2.0 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 4 | 29 | 04 | 97 | 02 | 0 | 141 | 65 | 4 | 0 | 9 | 0 | 0 | 56 | // | + 4 | — | 2.5 | — 2.2 | 2.8 | 6 |
| Karachi division | Ormara | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 159 | 68 | 5 | 0 | 9 | 0 | 0 | 65 | // | — | — | 2.9 | — 1.7 | 2.9 | 6 |
| | Lasbela | 003 | 0 | 4 | 00 | 00 | 98 | 00 | 0 | 150 | 61 | 0 | 0 | 9 | 0 | 0 | 57 | 58 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 003 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 152 | 71 | 0 | 0 | 9 | 0 | 0 | 67 | 69 | + 3 | — 1 | 1.1 | — 0.4 | 1.1 | 8 |
| | Karachi (Airport) | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 0 | 155 | 63 | 0 | 0 | 9 | 0 | 1 | 47 | 43 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 01 | 97 | 02 | 0 | 172 | 70 | 0 | 0 | 0 | 0 | 0 | 34 | // | — | — | — | — | — | — |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 7 |
| | Hyderabad | 000 | 0 | 7 | 00 | 00 | 94 | 05 | 0 | 157 | 64 | 3 | 0 | 9 | 3 | 1 | 51 | 61 | — 5 | — 4 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 000 | 0 | 6 | 27 | 02 | 96 | 03 | 0 | 141 | 61 | 0 | 0 | 9 | 0 | 6 | 40 | 50 | — | — | 0.1 | — 0.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 5 | 05 | 02 | 96 | 03 | 1 | 151 | 62 | 0 | 0 | 9 | 0 | 5 | 39 | 50 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 003 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 157 | 62 | 0 | 0 | 9 | 0 | 6 | 45 | 50 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 2 | 6 | 13 | 02 | 96 | 03 | 1 | 152 | 66 | 6 | 0 | 9 | 6 | 0 | 44 | 62 | — | — | 0.9 | — | 0.9 | — |
| | Keshmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 5 | 09 | 03 | 96 | 03 | 1 | 150 | 63 | 5 | 0 | 9 | 7 | 0 | 51 | 59 | — 5 | — | 2.2 | + 1.8 | 2.1 | 10 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Peshawar | Cherat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | — |
| | Kakul * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 513 | 54 | 0 | 0 | 9 | 0 | 0 | 20 | 46 | | — 1 | 6.0 | — 5.1 | 5.3 | — |
| | Landikotal * | 000 | 0 | 2 | 05 | 02 | 98 | 01 | 1 | 511 | 58 | 0 | 0 | 9 | 0 | 1 | 41 | 40 | | — | 14.1 | — | 13.2 | 29 |
| | Parachinar * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 497 | 36 | 0 | 0 | 9 | 0 | 0 | 45 | 50 | | — | 0.1 | — 5.1 | 0.1 | 11 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 508 | 50 | 0 | 0 | 9 | 7 | 1 | 39 | 47 | — 4 | — 3 | 2.4 | — 1.2 | 2.4 | — |
| | Hindubagh * | 000 | 0 | 6 | 20 | 13 | 97 | 03 | 0 | /// | 41 | 6 | 2 | 5 | 0 | 0 | 34 | 30 | — | — | 1.7 | — | 1.4 | 9 |
| | Loralai * | 000 | 0 | 8 | 09 | 04 | 97 | 01 | 0 | 485 | 50 | 0 | 1 | 9 | 0 | 8 | 45 | // | — | — | 2.2 | — | 2.1 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 5 | 05 | 03 | 96 | 03 | 0 | 492 | 53 | 0 | 0 | 9 | 0 | 0 | 41 | 48 | — | — | 2.6 | — 1.8 | 2.6 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 8 | 11 | 03 | 94 | 03 | 2 | 521 | 41 | 4 | 5 | 6 | 2 | / | 35 | 35 | — 1 | — | 3.4 | — 3.0 | 2.8 | 9 |
| | Chaman * | 000 | 4 | 0 | 09 | 03 | 97 | 02 | 0 | 518 | 49 | 0 | 0 | 9 | 0 | 0 | 39 | 40 | — | — | 7.7 | + 1.7 | 7.7 | — |
| | Nushki * | 000 | 0 | 2 | 09 | 05 | 97 | 02 | 0 | 541 | 62 | 0 | 0 | 9 | 0 | 2 | 35 | 56 | — | — | 3.5 | — | 3.5 | 4 |
| | Dalbandin * | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 487 | 58 | 7 | 0 | 9 | 3 | 8 | 38 | 46 | — 1 | — | 3.3 | + 0.4 | 3.3 | 9 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 3 | 522 | 43 | 0 | 0 | 9 | 0 | 0 | 37 | 28 | 0 | — 9 | 3.0 | — 1.6 | 3.0 | — |
| | Khuzdar * | 003 | 0 | 7 | 00 | 00 | 96 | 03 | 0 | 503 | 55 | 5 | 0 | 9 | 2 | 1 | 32 | 33 | | — | 2.5 | — | 2.5 | 8 |
| | Panjgur * | 000 | 0 | 5 | 05 | 02 | 96 | 03 | 1 | 497 | 52 | 3 | 5 | 6 | 4 | 9 | 42 | 40 | + 4 | — 1 | 0.0 | — | 0.0 | — |

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

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 20th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Steelmaker | 99 2 00 | 10 6 38 | 19 1 23 | 10 2 08 | 98 0 20 | 13 9 65 | 00 6 05 | 13 8 20 | ... | | 0 / / 20 | 12 9 33 | 30 2 01 | 02 2 01 |
| Bombala | 99 2 01 | 10 6 99 | 19 1 81 | 03 3 07 | 98 0 20 | 13 4 78 | 00 9 00 | 34 3 19 | ... | | 05 3 48 | ... | 30 4 00 | 03 5 02 |
| Bamora | 99 1 90 | 10 6 42 | 19 1 83 | 00 9 04 | 98 0 20 | 15 3 79 | 00 9 00 | 34 6 15 | 84 / // | | 05 1 63 | ... | 30 2 02 | 02 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 |
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | 006 232 09 | ... | 458 135 56 | 101 046 50 | 576 129 39 | 744 205 48 | 952 363 50 | 220 569 // | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 008 224 57 | ... | 410 114 57 | 054 009 57 | 588 145 // | 735 217 58 | 941 335 81 | 212 148 // | 421 677 // | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 010 190 56 | ... | 450 100 60 | 069 024 // | 571 121 // | 729 211 // | 946 351 // | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 000 120 40 | ... | 400 090 46 | 093 035 // | 570 121 // | 738 251 // | 942 365 // | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 972 106 56 | ... | 440 100 59 | 053 012 58 | 569 123 // | 737 221 // | 945 367 // | 210 561 // | 392 577 // | ... | ... | ... | ... |
| Quetta | 00 00 | 821 056 59 | ... | ... | 080 117 // | 572 115 // | 740 189 // | 952 255 // | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 991 120 57 | ... | 380 080 58 | 152 003 // | 572 191 // | 734 291 // | 936 381 // | 209 461 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{tt}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | 900 174 45 | 800 110 56 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 148 // | 800 076 // | 600 076 57 | 350 181 58 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | 800 056 // | 600 043 // | 350 221 // | 250 831 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 255 07 | 265 05 | 330 05 | 340 15 | 335 19 | ... | ... | ... | ... |
| Bogra | 285 08 | 280 23 | 275 21 | 290 28 | ... | ... | ... | ... | ... |
| Chaklala | ... | 075 09 | 095 09 | 105 09 | 140 08 | 175 08 | ... | ... | ... |
| Chhor | 345 06 | 345 08 | 345 08 | 340 10 | 315 12 | 300 26 | 315 21 | 315 35 | 315 38 |
| Chittagong | 280 09 | 315 10 | 315 13 | 320 19 | 330 19 | 325 31 | 330 58 | 250 13 | 235 11 |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 325 10 | 245 14 | 355 12 | 325 20 | 315 32 | 305 68 | ... | ... | ... |
| Dacca | 295 14 | 295 14 | 270 16 | 070 16 | 285 20 | 310 30 | 290 45 | 265 31 | 265 31 |
| Dalbandin | ... | ... | 105 04 | 120 06 | 135 03 | 265 12 | 295 17 | ... | ... |
| D. I. Khan | 245 01 | 360 03 | 360 03 | 010 05 | 005 08 | 345 15 | 345 21 | 320 26 | 325 33 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | 320 05 | 230 07 | 300 01 | 340 21 | 330 23 | 330 32 |
| Gilgit | ... | ... | ... | 010 15 | 040 13 | 175 10 | 095 11 | ... | ... |
| Ishurdi | 290 07 | 290 10 | 285 10 | 290 12 | 305 17 | 305 21 | ... | ... | ... |
| Jacobabad | 265 05 | 240 02 | 265 03 | 300 07 | 305 10 | 315 21 | 305 43 | 300 59 | ... |
| Jamora | 350 37 | 305 10 | 310 17 | 310 11 | 310 12 | 350 23 | ... | ... | ... |
| Jhelum | 045 02 | 055 02 | 000 00 | 165 08 | 150 10 | 115 04 | 340 07 | 335 10 | 325 13 |
| Jiwani | 230 08 | 335 08 | 235 08 | 230 15 | 235 11 | 270 24 | 265 39 | 315 43 | 305 23 |
| Karachi | 150 02 | 060 02 | 060 02 | 290 19 | 280 22 | 305 28 | 310 29 | 330 12 | 330 26 |
| Khanpur | 035 12 | 030 01 | 280 20 | 035 12 | 045 07 | 355 06 | 330 11 | 340 21 | 340 26 |
| Khuzdar | ... | ... | ... | 310 14 | 330 14 | 310 23 | 335 19 | /// // | 335 69 |
| Lahore | 180 02 | 155 02 | 205 03 | 200 08 | 165 09 | 035 04 | ... | ... | ... |
| Multan | 360 07 | 015 06 | 015 06 | 360 07 | 335 10 | 340 40 | 315 28 | 330 80 | ... |
| Nawab Shah | 295 03 | 310 04 | 310 04 | 315 09 | 300 21 | 310 23 | 325 39 | 315 33 | ... |
| Nokkundi | ... | ... | 130 11 | 130 08 | 180 08 | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | 220 05 | 240 07 | 308 03 | 280 07 | 280 30 | 290 12 |
| Peshawar | ... | 045 06 | 015 06 | 350 05 | 355 04 | 005 18 | 350 23 | 330 29 | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 360 08 | 350 06 | 290 04 | 330 09 | 330 14 |
| Sargodha | 070 07 | 020 08 | 020 09 | 005 10 | 355 11 | 325 16 | 330 29 | 330 28 | 325 23 |
| Skardu | ... | ... | ... | 240 02 | 235 02 | 240 02 | ... | ... | ... |
| Sylhet | 255 05 | 250 12 | 245 15 | 245 15 | 250 12 | 295 31 | 280 38 | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 250 03 | 255 03 | 270 09 | 280 04 | 280 09 | ... |
| Bogra | 350 06 | 310 12 | 280 17 | 275 21 | 275 20 | ... |
| Chaklala | ... | 085 05 | 260 03 | 335 04 | 340 06 | 265 24 |
| Chhor | 210 20 | 250 20 | 265 02 | 275 05 | ... | ... |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 250 10 | 365 20 | 275 05 | 275 12 | 280 20 | 290 03 |
| Dacca | 315 06 | 315 09 | 315 09 | /// // | 280 17 | ... |
| Dalbandin | ... | ... | 075 04 | 205 06 | 215 06 | 265 17 |
| D. I. Khan | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | 040 05 | 050 03 | 020 07 |
| Fort Sandeman | ... | ... | ... | 210 04 | 225 10 | 280 16 |
| Gilgit | ... | ... | ... | 055 06 | 030 06 | ... |
| Ishurdi | 290 04 | 290 10 | 275 18 | 280 17 | 280 23 | ... |
| Jacobabad | 255 04 | 265 05 | 285 03 | 330 04 | 311 05 | 330 08 |
| Jamora | 295 08 | 295 14 | 295 13 | 310 12 | 285 13 | 270 15 |
| Jhelum | 270 04 | 120 06 | 070 04 | 090 02 | 350 04 | 010 06 |
| Jiwani | 255 07 | 240 20 | 365 06 | 266 06 | 255 17 | 250 14 |
| Karachi | ... | ... | ... | ... | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 225 03 | 250 09 | 263 13 |
| Lahore | 210 10 | 230 08 | 250 69 | 360 08 | 285 08 | 165 05 |
| Multan | 200 08 | 210 04 | 290 02 | 335 08 | 310 10 | 175 21 |
| Nawab Shah | 145 07 | 175 07 | 200 09 | 310 08 | 375 07 | 290 13 |
| Nokkundi | ... | ... | 085 09 | 095 09 | 105 09 | ... |
| Panjgur | ... | ... | ... | 235 04 | 240 03 | 256 10 |
| Peshawar | ... | 360 06 | 300 04 | 265 04 | 265 05 | 295 16 |
| Parachinar | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | ... | ... |
| Sargodha | 345 03 | 335 06 | 325 09 | 330 08 | 015 11 | 340 16 |
| Skardu | ... | ... | ... | 165 02 | ... | ... |
| Sylhet | 155 26 | 225 01 | 185 03 | 205 21 | 285 12 | 285 36 |
| Veraval | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 330 08 | 315 08 | 360 09 | 285 11 | 285 17 | 285 11 | 250 21 | 285 26 | 260 41 | 220 04 | ... |
| Bogra | 275 03 | 290 53 | 295 03 | 275 17 | 270 51 | 270 29 | 360 35 | ... | ... | ... | ... |
| Chaklala | ... | 325 83 | 325 06 | 320 05 | 005 06 | 310 06 | 310 72 | 290 08 | 285 06 | ... | ... |
| Chhor | 120 09 | 140 09 | 290 02 | 345 05 | 230 07 | 325 30 | 325 35 | 295 21 | 295 47 | ... | ... |
| Chittagong | 265 03 | 290 03 | 295 03 | 305 07 | 225 15 | 295 15 | 240 17 | 350 43 | 250 21 | 235 44 | 235 74 |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 200 08 | 200 08 | 270 08 | 285 12 | 220 17 | 270 24 | 270 22 | 270 39 | 260 42 | 250 53 | 245 18 |
| Dalbandin | ... | ... | 120 09 | 345 03 | 140 04 | 325 90 | 339 07 | 295 21 | 305 25 | ... | ... |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | 075 05 | 010 09 | 015 16 | 355 09 | 320 29 | 340 37 | 350 31 | ... |
| Fort Sandeman | ... | ... | ... | 240 21 | 240 03 | 295 14 | 275 21 | 275 24 | 270 30 | 265 16 | ... |
| Gilgit | ... | ... | ... | 340 04 | 380 03 | 208 08 | 220 04 | ... | ... | ... | ... |
| Ishurdi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 170 03 | 185 03 | 190 07 | 205 09 | 245 07 | 295 12 | 265 21 | 290 29 | 316 15 | 295 43 | 325 41 |
| Jamora | 255 15 | 265 15 | 265 13 | 265 17 | 270 19 | 280 19 | 270 27 | 270 35 | 265 40 | ... | ... |
| Jhelum | 275 05 | 325 05 | 325 18 | 235 06 | 115 04 | 310 17 | ... | ... | ... | ... | ... |
| Jiwani | 230 07 | 280 08 | 280 08 | 325 06 | 250 07 | 235 15 | 255 20 | 270 24 | 260 12 | ... | ... |
| Karachi | 240 05 | 240 12 | 240 12 | 235 19 | 150 09 | 150 06 | 285 14 | 295 14 | 295 19 | 305 14 | ... |
| Khanpur | 185 07 | 175 07 | 180 08 | 240 08 | 310 08 | 360 10 | 325 41 | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 205 01 | 230 04 | 225 14 | ... | ... | ... | ... | ... |
| Lahore | 070 02 | 295 04 | 290 06 | 190 07 | 200 07 | 255 05 | 180 03 | 210 04 | 325 01 | 316 13 | 325 17 |
| Multan | 195 06 | 205 06 | 215 07 | 180 04 | 265 05 | 285 14 | 315 17 | 310 24 | 290 27 | 280 31 | 275 24 |
| Nawab Shah | 180 10 | 195 11 | 200 11 | 275 05 | 290 10 | 280 14 | 310 29 | 315 37 | 315 31 | ... | ... |
| Nokkundi | ... | ... | 081 51 | 250 10 | 235 26 | 260 12 | 265 59 | ... | ... | ... | ... |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 015 13 | 350 03 | 230 09 | 225 08 | 305 13 | 315 19 | 285 13 | 275 19 | ... | ... |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | ... | ... | ... | ... | 175 03 | 215 09 | 365 17 | ... | ... | ... | ... |
| Sargodha | 290 05 | 330 06 | 295 09 | 340 08 | 355 10 | 355 09 | 310 17 | 310 35 | 230 31 | 335 43 | ... |
| Skardu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet | 140 53 | 210 04 | 245 12 | 275 21 | 280 31 | 270 35 | 270 41 | ... | ... | ... | ... |
| Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 294 11 | 274 04 | 180 04 | 180 06 | 290 08 | 290 17 | 285 22 | 275 23 | 310 29 | 295 34 | 300 43 | ... | ... | ... | ... | ... | ... | ... |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

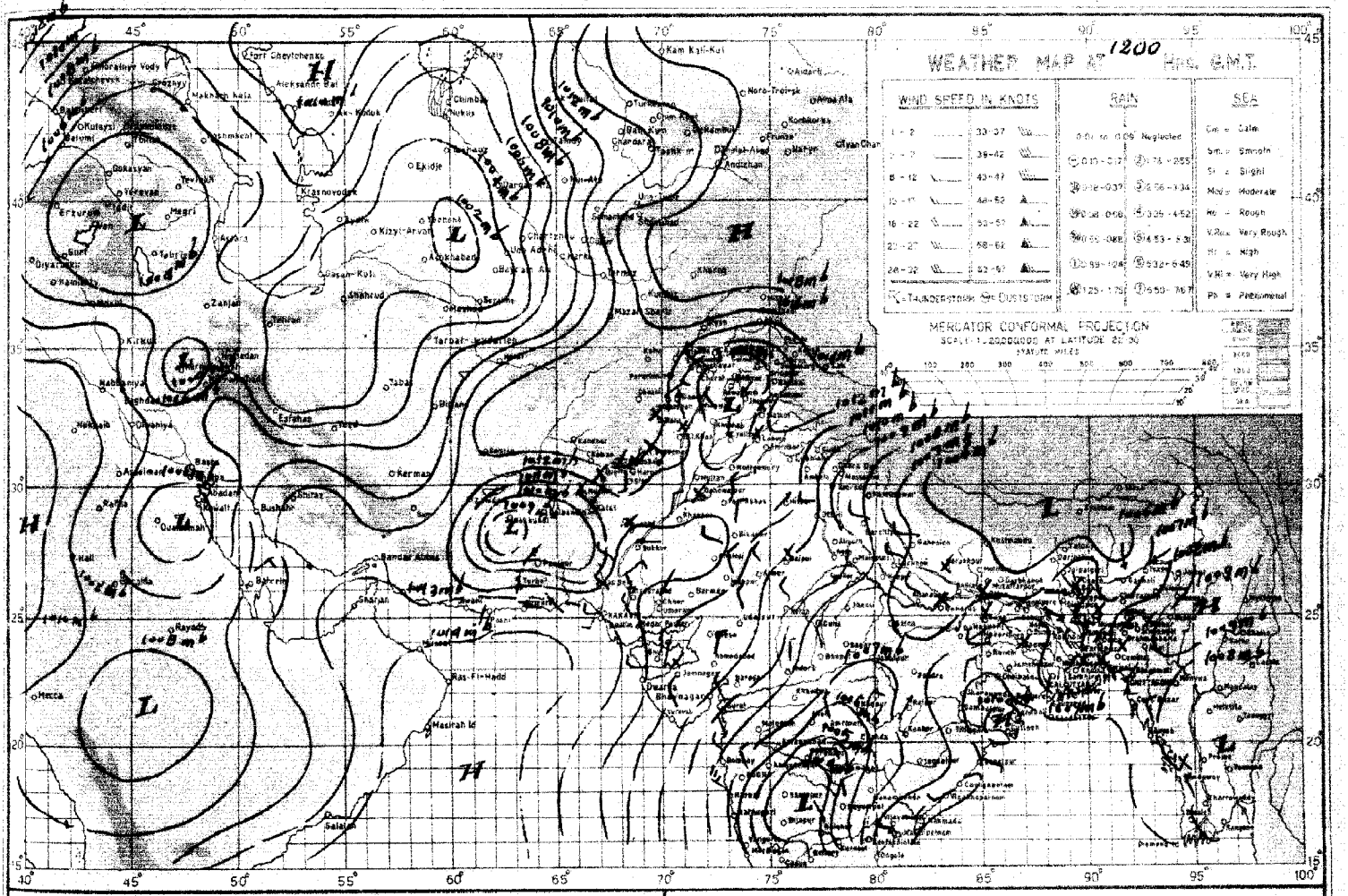
† The actual time of observations may vary within half an hour of the specified time.

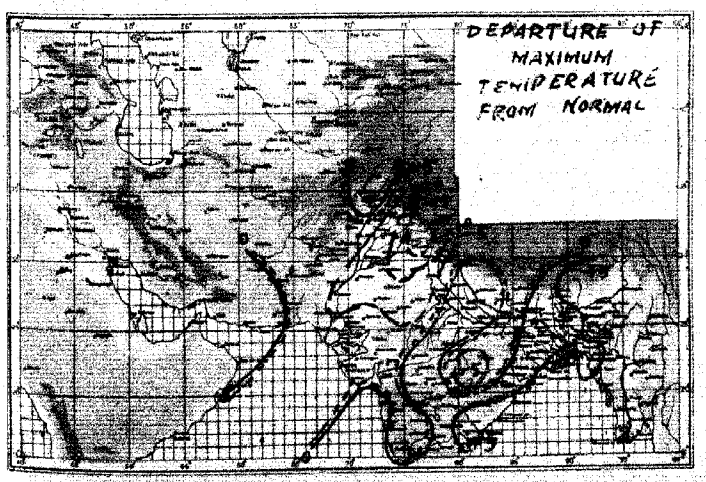
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

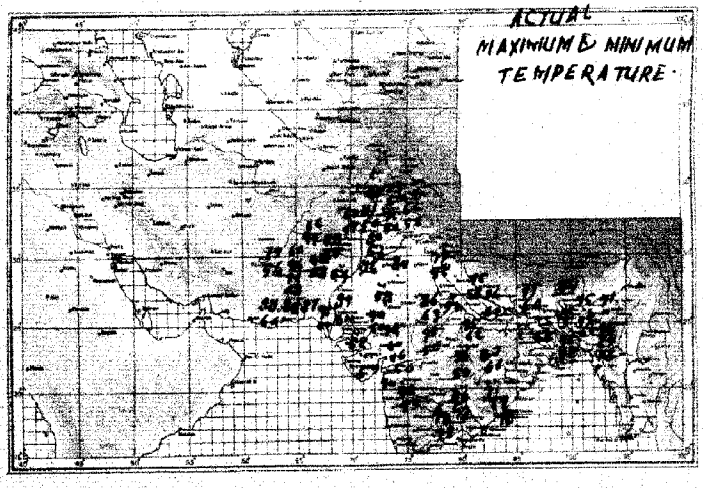
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

THURSDAY 19TH MARCH, 1970




REG. No. 1024 RWKD/[illegible]

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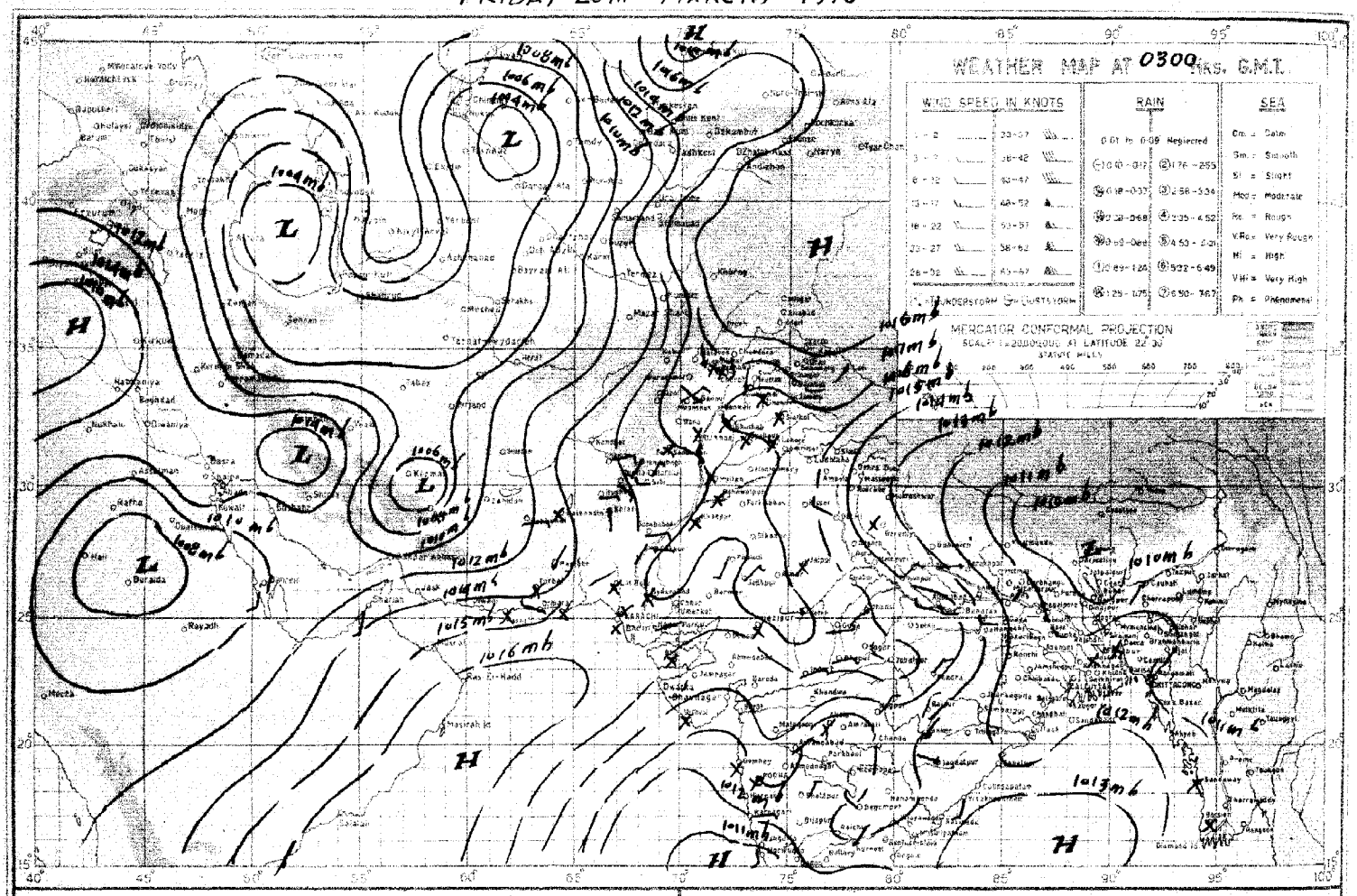
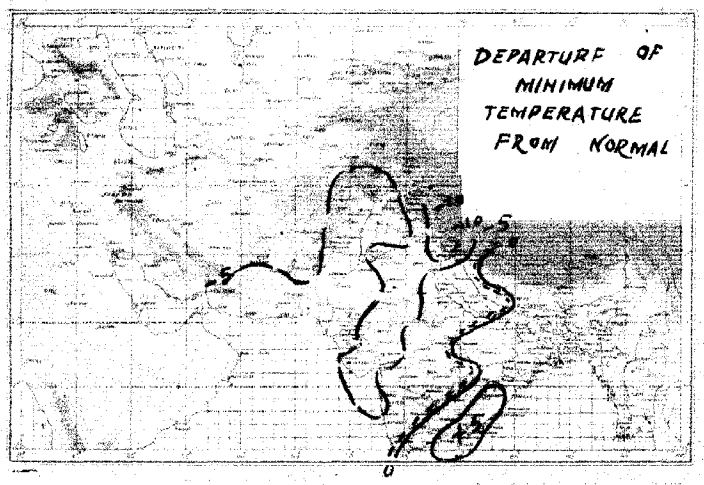
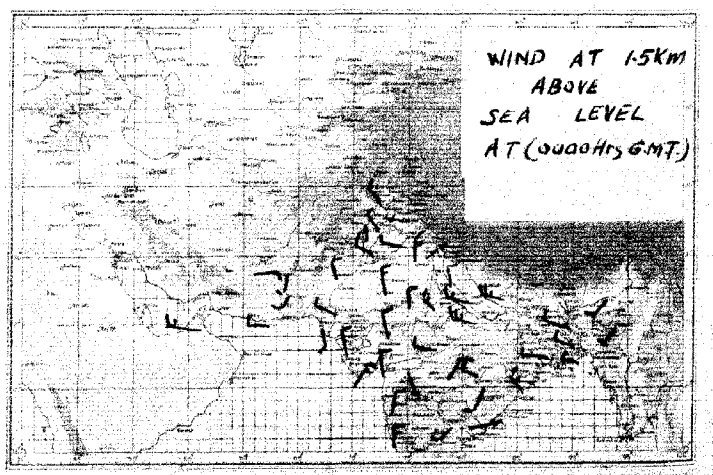
# PAKISTAN DAILY WEATHER MAP

FRIDAY 20TH MARCH, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SATURDAY THE 21st MARCH, 1970.**

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's western disturbance over southeast Iran and adjoining Kalat division now lies over the southern and central divisions of west Pakistan.
Weather remained dry over the country.

Night temperatures were 3—4 °F (2 °C) above normal in Chittagong and Lahore divisions and 3—8 °F (2—4 °C) below normal in Rajshahi, Sargodha, Multan, Kalat and Hyderabad divisions.

**Forecast valid until the evening of 22nd March 1970 :—** Scattered thunderstorms/showers are likely to occur in Quetta, Kalat, D. I. Khan, Malakand, Peshawar, Rawalpindi, Sargodha divisions and Kashmir. Weather will be mainly dry elsewhere over the country.

Karachi-11
The 21st March, 1970.

ZARIF AHMAD
for Director, Meteorological Service.

## OBSERVATIONS

| Division (1) | Stations (2) | | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)* PPP (11) | Dry Bulb temperature* TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 080 | 0 | 1 | 23 | 03 | 95 | 04 | 0 | 080 | 91 | 0 | 0 | 9 | 0 | 0 | 73 | 96 |
| | Cox's Bazar | — | 000 | 6 | 0 | 27 | 07 | 95 | 02 | 0 | 076 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 90 |
| | Chittagong | — | 000 | 0 | 4 | 27 | 03 | 96 | 02 | 1 | 080 | 85 | 2 | 0 | 9 | 3 | 1 | 77 | 91 |
| | Maijdee Court | — | C00 | 0 | 1 | 28 | 12 | 97 | 00 | 0 | 076 | 86 | 0 | 0 | 9 | 0 | 0 | 80 | // |
| | Comilla | — | 080 | 0 | 0 | C0 | C0 | 96 | 02 | 0 | 107 | 90 | 0 | 0 | 9 | 0 | 0 | 54 | 93 |
| | Brahmanbaria | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 065 | 90 | 0 | 0 | 9 | 0 | 0 | 47 | 95 |
| | Sylhet | — | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 062 | 85 | 0 | 0 | 9 | 0 | 0 | 54 | 93 |
| | Srimangal | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 068 | 85 | 0 | 0 | 9 | 0 | 0 | 64 | 96 |
| Dacca | Mymensingh | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 070 | 87 | 0 | 0 | 9 | 0 | 0 | 59 | 96 |
| | Narayanganj | — | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 062 | 90 | 0 | 0 | 9 | 0 | 0 | 77 | 93 |
| | Dacca (Tejgaon) | — | 000 | 0 | 2 | 27 | 03 | 96 | 03 | 0 | 064 | 86 | 1 | 2 | 5 | 4 | 0 | 56 | 98 |
| | Faridpur | — | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 051 | 93 | 0 | 0 | 9 | 0 | 8 | 50 | 96 |
| Khulna | Barisal | — | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 073 | 92 | 0 | 1 | 9 | 0 | 0 | 63 | 94 |
| | Khulna | — | 009 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 91 | 0 | 0 | 9 | 0 | 0 | 67 | 98 |
| | Satkhira | — | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 067 | 93 | 0 | 0 | 9 | 0 | 0 | 63 | // |
| | Jessore | — | 000 | 0 | 2 | 20 | 05 | 97 | 02 | 0 | 068 | 93 | 1 | 2 | 6 | 3 | 0 | 56 | // |
| Rajshahi | Pabna | — | 000 | 0 | 3 | 00 | 00 | 98 | 03 | 0 | 061 | 91 | 0 | 0 | 9 | 0 | 3 | 60 | 96 |
| | Sirajganj | — | 000 | 0 | 0 | 23 | 03 | 95 | 00 | 0 | 063 | 86 | 0 | 0 | 9 | 0 | 0 | 51 | 93 |
| | Rajshahi | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 069 | 80 | 0 | 0 | 9 | 0 | 0 | 64 | 95 |
| | Bogra | — | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 060 | 90 | 0 | 0 | 9 | 0 | 0 | 54 | 96 |
| | Dinajpur | — | 000 | 0 | 0 | 27 | 05 | 96 | 00 | 0 | 068 | 92 | 0 | 0 | 9 | 0 | 0 | 59 | 95 |
| | Rangpur | — | 000 | 0 | 0 | 27 | 05 | 96 | 01 | 0 | 044 | 78 | 0 | 0 | 9 | 1 | 0 | 70 | 96 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 0 | 34 | 02 | 96 | 02 | 0 | 128 | 76 | 1 | 5 | 8 | 7 | 1 | 70 | 77 |
| | Sialkot | — | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | — | 009 | 0 | 6 | 30 | 12 | 98 | 03 | 1 | 125 | 78 | 0 | 0 | 9 | 0 | 6 | 51 | 80 |
| | Islamabad | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | | ... |
| | Rawalpindi | — | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 2 | 131 | 72 | 8 | 0 | 9 | 0 | 8 | 49 | 73 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 129 | 80 | 2 | 5 | 4 | 9 | 0 | 54 | 85 |
| | Sargodha | — | 000 | 0 | 7 | 36 | 05 | 97 | 02 | 2 | 126 | 80 | 3 | 0 | 9 | 3 | 2 | 43 | 83 |
| | Lyallpur | — | 000 | 0 | 5 | 36 | 02 | 96 | 02 | 3 | 127 | 77 | 5 | 1 | 8 | 0 | 0 | 59 | 80 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 1 | 13 | 03 | 97 | 02 | 2 | 126 | 80 | 2 | 0 | 9 | 3 | 4 | 41 | 83 |
| | Leiah | — | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 129 | 78 | 0 | 0 | 9 | 0 | 0 | 56 | 78 |
| Bahawalpur | Khanpur | — | 000 | 0 | 7 | 23 | 02 | 96 | 02 | 2 | 122 | 85 | 3 | 0 | 9 | 4 | 2 | 38 | 87 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 100 | 78 | 0 | 0 | 9 | 0 | 0 | 54 | 80 |
| | Fort Abbas | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 126 | 82 | 0 | 0 | 9 | 0 | 0 | 45 | 82 |
| Malakand | Chakdra | — | 000 | 0 | 7 | 23 | 05 | 98 | 03 | 1 | 129 | 67 | 7 | 0 | 9 | 1 | 0 | 32 | 68 |
| Peshawar | Peshawar | — | 000 | 0 | 7 | 13 | 02 | 97 | 02 | 2 | 119 | 73 | 2 | 0 | 4 | 3 | 1 | 41 | 73 |
| | Haripur | — | 000 | 3 | 0 | 23 | 03 | 98 | 03 | 2 | 131 | 72 | 5 | 0 | 9 | 0 | 0 | 43 | 76 |
| D. I. Khan | Bannu | — | 000 | 0 | 6 | 09 | 02 | 99 | 03 | 2 | 126 | 76 | 0 | 0 | 8 | 0 | 8 | 38 | 78 |
| | D. I. Khan | — | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | 124 | 78 | 0 | 0 | 9 | 0 | 2 | 45 | 80 |
| Quetta | Sibi | — | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 1 | 148 | 40 | 0 | 6 | 9 | 4 | 2 | 38 | 85 |
| | Nokkundi | — | 000 | 0 | 5 | 13 | 03 | 96 | 01 | 2 | 057 | 82 | 5 | 6 | 6 | 0 | 0 | 58 | 83 |
| Kalat | Turbat | — | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 119 | 85 | 0 | 0 | 9 | 0 | 0 | 34 | 82 |
| | Jiwani | — | 000 | 0 | 4 | 23 | 02 | 96 | 02 | 0 | 129 | // | 0 | 0 | 9 | 0 | 1 | 62 | 90 |
| | Pasni | — | 000 | 0 | 4 | 25 | 12 | 97 | 02 | 0 | 140 | 81 | 4 | 0 | 9 | 0 | 0 | 74 | 87 |
| Karachi division | Ormara | — | 000 | 0 | 5 | 27 | 10 | 94 | 02 | 2 | 143 | 78 | 5 | 0 | 9 | 0 | 0 | 65 | 83 |
| | Lasbela | — | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | — | 000 | 0 | 4 | 27 | 05 | 97 | 03 | 1 | 127 | 78 | 0 | 0 | 9 | 0 | 4 | 49 | 81 |
| | Karachi (Airport) | — | 000 | 0 | 4 | 23 | 03 | 94 | 01 | 0 | 122 | 82 | 0 | 0 | 9 | 0 | 1 | 50 | 87 |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 150 | 88 | 0 | 0 | 0 | 0 | 0 | 68 | 92 |
| | Chhor | — | 000 | 0 | 7 | 27 | 02 | 96 | 03 | 2 | 123 | 89 | 0 | 0 | 9 | 3 | 7 | 37 | 91 |
| | Hyderabad | — | 000 | 0 | 7 | 13 | 03 | 97 | 02 | 2 | 152 | 89 | 2 | 0 | 9 | 3 | 8 | 30 | 92 |
| | Badin | — | 000 | 0 | 0 | 23 | 04 | 97 | 03 | 0 | 127 | 92 | 0 | 0 | 9 | 0 | 4 | 41 | 93 |
| Khairpur | Padidan | — | 000 | 0 | 7 | 23 | 03 | 96 | 03 | 2 | 118 | 86 | 0 | 0 | 9 | 0 | 5 | 34 | 85 |
| | Nawabshah | — | 000 | 0 | 8 | 18 | 03 | 96 | 03 | 2 | 126 | 87 | 0 | 0 | 9 | 3 | 4 | 41 | 90 |
| | Sukkur | — | 000 | 0 | 6 | 23 | 03 | 95 | 05 | 4 | 118 | 86 | 6 | 8 | 9 | 1 | 0 | 53 | 88 |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 080 | 0 | 8 | 18 | 03 | 96 | 03 | 2 | 118 | 84 | 8 | 0 | 9 | 7 | 1 | 49 | 85 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | HILL STATIONS* | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | |
| | Dras | ** ... | | | | | | | | | | | | | | | | | |
| | Leh | ** ... | | | | | | | | | | | | | | | | | |
| | Skardu | * ... | | | | | | | | | | | | | | | | | |
| | Misgar | ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | * ... | 000 | 0 | 5 | 00 | 00 | 98 | 01 | 2 | 508 | 67 | 5 | 0 | 9 | 4 | 0 | 29 | 70 |
| Peshawar | Cherat | * ... | 000 | 0 | 0 | 28 | 01 | 98 | 02 | 0 | 512 | 61 | 0 | 0 | 9 | 0 | 0 | 48 | // |
| | Kakul | * ... | 000 | 0 | 8 | 13 | 05 | 98 | 01 | 1 | 507 | 60 | 8 | 0 | 9 | 2 | 1 | 40 | 64 |
| | Landikotal | * ... | 000 | 0 | 6 | 36 | 02 | 98 | 02 | 1 | 488 | 67 | 0 | 0 | 9 | 2 | 0 | 54 | // |
| | Parachinar | * ... | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah | * ... | 000 | 0 | 4 | 05 | 05 | 96 | 03 | 0 | 503 | 72 | 4 | 0 | 9 | 0 | 0 | 40 | 78 |
| | Wana | * ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 463 | 67 | 0 | 0 | 9 | 0 | / | // | 78 |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 5 | 05 | 03 | 97 | 01 | 2 | 484 | 71 | 2 | 0 | 9 | 3 | 1 | 21 | 75 |
| | Hindubagh | * ... | 000 | 0 | 7 | 23 | 13 | 97 | 03 | 0 | /// | 55 | 7 | 2 | 6 | 0 | 0 | 39 | 56 |
| | Loralai | * ... | 080 | 0 | 6 | 27 | 04 | 96 | 01 | 0 | 485 | 65 | 0 | 1 | 9 | 0 | 6 | 48 | 66 |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | |
| | Harnai | * ... | 000 | 0 | 2 | 31 | 01 | 94 | 03 | 1 | 490 | 71 | 0 | 0 | 9 | 0 | 2 | 24 | 78 |
| | Samungli (Quetta) | * ... | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 485 | 70 | 7 | 0 | 9 | 0 | 1 | 32 | 71 |
| | Chaman | * ... | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 495 | 75 | 0 | 0 | 9 | 0 | 0 | 46 | 77 |
| | Nushki | * ... | 000 | 0 | 0 | 23 | 18 | 95 | 00 | 3 | 536 | 78 | 0 | 0 | 9 | 0 | 0 | 50 | 72 |
| | Dalbandin | * ... | 000 | 0 | 7 | 23 | 03 | 97 | 03 | 1 | 495 | 79 | 3 | 5 | 6 | 0 | 0 | 46 | 80 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 490 | 64 | 0 | 0 | 9 | 0 | 0 | 27 | 67 |
| | Khuzdar | * ... | 008 | 0 | 6 | 20 | 03 | 97 | 01 | 2 | 494 | 75 | 5 | 0 | 9 | 2 | 1 | // | 65 |
| | Panjgur | * ... | | | | | | | | | | | | | | | | | |

| Stations (2) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths)* PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 2 | 10 | 02 | 97 | 05 | 0 | 135 | 84 | 1 | 1 | 7 | 0 | 1 | 68 | 73 | — | — | 4.0 | — | 2.4 | — |
| Cox's Bazar | 000 | 0 | 0 | 09 | 04 | 96 | 02 | 0 | 125 | 82 | 0 | 0 | 9 | 0 | 2 | 75 | 73 | + 3 | + 4 | 0.9 | — 4.9 | 0.3 | 140 |
| Chittagong | 000 | 0 | 5 | 09 | 02 | 96 | 02 | 1 | 125 | 82 | 0 | 0 | 9 | 0 | 2 | 73 | 73 | + 4 | + 3 | 1.4 | — 4.4 | 0.4 | 108 |
| Maijdee Court | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 0 | 123 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | — | + 1 | 3.6 | — 0.9 | 3.3 | 115 |
| Comilla | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 131 | 81 | 0 | 0 | 9 | 0 | 0 | 56 | 64 | — | — 6 | 2.2 | — 2.9 | 1.7 | 94 |
| Brahmanbaria | 000 | 0 | 0 | 31 | 03 | 97 | 00 | 0 | 128 | 84 | 0 | 0 | 9 | 0 | 0 | 59 | 70 | — | — | 2.5 | — 2.1 | 1.3 | 78 |
| Sylhet | 000 | 0 | 5 | 05 | 02 | 96 | 05 | 4 | 120 | 77 | 0 | 0 | 9 | 3 | 1 | 62 | 62 | — | — | 7.3 | — | 5.8 | — |
| Srimangal | 000 | 0 | 0 | 20 | 05 | 96 | 00 | 4 | 127 | // | 0 | 0 | 9 | 0 | 0 | 56 | 62 | + 6 | — 1 | 3.2 | — 2.1 | 1.7 | 98 |
| Mymensingh | 000 | 0 | 0 | 13 | 04 | 97 | 00 | 0 | 135 | 82 | 0 | 0 | 9 | 0 | 0 | 51 | 65 | + 8 | — 2 | 1.6 | — 1.6 | 1.3 | 91 |
| Narayanganj | 000 | 0 | 3 | 13 | 02 | 97 | 02 | 1 | 131 | 84 | 0 | 0 | 7 | 3 | 1 | 73 | 69 | 0 | — 2 | 2.9 | — 1.2 | 1.5 | 74 |
| Dacca (Tejgaon) | 000 | 0 | 0 | 31 | 05 | 94 | 01 | 4 | 128 | 81 | 0 | 0 | 9 | 0 | 0 | 47 | 69 | — | — | 2.5 | — | 1.2 | — |
| Faridpur | ... | .. | | ... | .. | ... | ... | ... | ... | ... | | .. | .. | ... | | | ... | + 6 | | | | | 71 |
| Barisal | 000 | 0 | 5 | 02 | 02 | 97 | 03 | 2 | 125 | 91 | 1 | 1 | 9 | 1 | 4 | 47 | /' | — | + 2 | 2.2 | — 2.0 | 1.3 | 81 |
| Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 136 | 84 | 0 | 0 | 9 | 0 | 0 | 54 | 73 | + 7 | + 2 | 4.5 | + 1.0 | 3.3 | 68 |
| Satkhira | 000 | 0 | 0 | 06 | 03 | 97 | 00 | 0 | 132 | 82 | 0 | 0 | 0 | 0 | 0 | 50 | 62 | — | — 2 | 3.1 | — 0.6 | 3.0 | 68 |
| Jessore | 000 | 0 | 2 | 02 | 05 | 96 | 05 | 0 | 129 | 87 | 0 | 0 | 9 | 0 | 1 | 49 | 65 | — | — | 4.7 | + 0.9 | 3.6 | 65 |
| Pabna | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 122 | 82 | 0 | 0 | 9 | 0 | 0 | 47 | 44 | — | — | 4.0 | — | 3.0 | 59 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 130 | 81 | 0 | 0 | 9 | 0 | 0 | 51 | 66 | + 3 | 0 | 2.2 | — 0.3 | 1.9 | 64 |
| Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 130 | 77 | 0 | 0 | 9 | 0 | 0 | 58 | 64 | + 4 | — 3 | 4.5 | + 2.0 | 1.6 | — |
| Bogra | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 0 | 126 | 79 | 0 | 0 | 9 | 0 | 0 | 45 | 64 | + 5 | — 1 | 2.7 | — | 1.4 | 60 |
| Dinajpur | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 125 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 60 | — | — 3 | 1.7 | — 0.1 | 1.0 | 73 |
| Rangpur | 000 | 6 | 0 | 27 | 05 | 96 | 01 | 0 | 108 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 62 | + 8 | — 1 | 2.7 | + 0.7 | 1.1 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 2 | 21 | 03 | 96 | 01 | 0 | 121 | 62 | 1 | 0 | 9 | 3 | 1 | 50 | 58 | — 6 | + 3 | 2.0 | — 1.2 | 2.0 | 19 |
| Sialkot | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Jhelum | 008 | 0 | 4 | 31 | 02 | 96 | 03 | 2 | 120 | 64 | 1 | 5 | 7 | 7 | 0 | 49 | 58 | — | — | 5.3 | — | 5.2 | — |
| Islamabad | 800 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | /// | 81 | / | / | / | / | / | 53 | 56 | — | — | 6.2 | — | 6.3 | — |
| Rawalpindi | 000 | 0 | 6 | 31 | 01 | 98 | 01 | 2 | 126 | 58 | 2 | 0 | 9 | 6 | 3 | 51 | 54 | — 3 | + 1 | 8.6 | — 0.1 | 8.4 | 34 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 47 | 56 | + 5 | — 3 | 1.5 | — 1.4 | 1.5 | 15 |
| Sargodha | 000 | 0 | 4 | 27 | 03 | 96 | 04 | 1 | 132 | 62 | 2 | 0 | 9 | 3 | 1 | 47 | 54 | — | — | 1.9 | — | 1.7 | — |
| Lyallpur | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 3 | 146 | 58 | 5 | 0 | 9 | 2 | 0 | 51 | 54 | — 3 | — 6 | 1.8 | 0.0 | 1.5 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 2 | 133 | 60 | 3 | 0 | 9 | 4 | 3 | 49 | 56 | — 2 | — 4 | 0.8 | — 0.4 | 0.8 | 7 |
| Leiah | ... | .. | .. | .. | ... | .. | ... | .. | ... | .. | ... | ... | .. | .. | ... | ... | ... | — | | | | | 8 |
| Khanpur | 000 | 0 | 7 | 11 | 02 | 96 | 02 | 2 | 129 | 63 | 3 | 5 | 6 | 7 | 0 | 45 | 56 | — 2 | — 1 | 1.9 | + 0.9 | 1.7 | 4 |
| Bahawalpur | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 7 | | | | | 6 |
| Fort Abbas | 000 | 0 | 2 | 18 | 02 | 98 | 01 | 6 | 128 | 65 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — | — | 0.1 | — | 0.1 | 8 |
| Chakdra | 000 | 0 | 3 | 05 | 05 | 97 | 01 | 1 | 122 | 65 | 0 | 0 | 9 | 0 | 4 | 49 | 50 | — | — | 6.0 | — | 4.9 | — |
| Peshawar | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 2 | 131 | 62 | 5 | 0 | 9 | 3 | 1 | 51 | 54 | — | — 1 | 3.8 | — 2.2 | 3.1 | 11 |
| Haripur | 000 | 0 | 6 | 05 | 02 | 97 | 03 | 3 | 132 | 58 | 6 | 0 | 9 | 0 | 0 | 54 | 54 | — 2 | — | 8.2 | — | 7.4 | — |
| Bannu | 000 | 0 | 7 | 03 | 02 | 98 | 04 | 2 | 120 | 60 | 7 | 1 | 7 | 0 | 8 | 47 | 54 | — | — | 7.9 | — | 7.5 | 11 |
| D. I. Khan | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 128 | 62 | 0 | 0 | 9 | 0 | 0 | 56 | 59 | — 2 | + 1 | 8.4 | + 6.2 | 8.4 | 9 |
| Sibi | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 152 | 60 | 4 | 2 | 9 | 4 | 2 | 46 | 55 | — | — | 0.6 | — | 0.6 | 8 |
| Nokkundi | 000 | 0 | 4 | 09 | 09 | 96 | 02 | 0 | 110 | 60 | 4 | 5 | 6 | 0 | 0 | 40 | 59 | — | — | 2.5 | — | 2.5 | 3 |
| Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 161 | 69 | 0 | 0 | 9 | 0 | 0 | 67 | 60 | — | — | 0.7 | — | 0.7 | — |
| Jiwani | 000 | 0 | 7 | 27 | 02 | 94 | 03 | 2 | 137 | 69 | 3 | 6 | 5 | 3 | 6 | 65 | 65 | — | — | 3.1 | — | 3.1 | 3 |
| Pasni | 000 | 0 | 4 | 29 | 08 | 97 | 02 | 0 | 129 | 65 | 4 | 0 | 9 | 0 | 0 | 58 | // | + 3 | — | 2.5 | — 2.2 | 2.5 | 6 |
| Ormara | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 140 | 69 | 5 | 0 | 9 | 0 | 0 | 67 | // | — | — | 2.9 | — 1.7 | 2.9 | 6 |
| Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Manora) | 000 | 0 | 7 | 31 | 03 | 96 | 02 | 2 | 131 | 76 | 0 | 0 | 9 | 0 | 4 | 60 | 70 | — 2 | — 1 | 1.1 | — 0.4 | 1.1 | 8 |
| Karachi (Airport) | 000 | 5 | 7 | 00 | 00 | 96 | 03 | 2 | 135 | 68 | 0 | 0 | 9 | 0 | 1 | 59 | 60 | — | — | 3.0 | — | 3.0 | — |
| Nagarparkar | ... | .. | ... | ... | ... | .. | | ... | ... | .. | ... | .. | ... | ... | ... | ... | ... | | | | | | — |
| Chhor | 000 | 0 | 0 | 18 | 03 | 96 | 01 | 2 | 127 | 65 | 0 | 0 | 9 | 0 | 5 | 45 | 59 | — | — | 2.5 | — | 2.5 | 7 |
| Hyderabad | 000 | 0 | 7 | 23 | 03 | 97 | 03 | 2 | 129 | 69 | 2 | 0 | 9 | 3 | 1 | 56 | 67 | — 1 | — 5 | 1.1 | + 0.3 | 1.1 | 9 |
| Badin | 000 | 0 | 2 | 23 | 03 | 96 | 02 | 3 | 130 | // | 0 | 0 | 9 | 0 | 8 | 58 | 61 | 0 | — 3 | 0.1 | — 0.8 | 0.1 | — |
| Padidan | 000 | 0 | 6 | 29 | 02 | 96 | 03 | 2 | 121 | 61 | 0 | 0 | 9 | 0 | 5 | 47 | 52 | — | — | 0.9 | — | 0.9 | — |
| Nawabshah | 030 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 125 | 60 | 0 | 0 | 9 | 0 | 3 | 51 | 51 | — | — | 0.4 | — | 0.4 | 4 |
| Sukkur | 000 | 0 | 6 | 13 | 02 | 96 | 05 | 4 | 120 | 66 | 6 | 0 | 9 | 6 | 0 | 44 | 64 | — | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 1 | 123 | 66 | 7 | 0 | 9 | 7 | 0 | 56 | // | — | 0 | 2.1 | + 1.1 | 2.1 | 89 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| HILL STATIONS* | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 80 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 89 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Drosh | 000 | 0 | 7 | 05 | 09 | 97 | 02 | 2 | 524 | 52 | 4 | 8 | 6 | 7 | 0 | 32 | 41 | + 11 | — 1 | 4.0 | — | 3.4 | 39 |
| Cherat | 000 | 0 | 0 | 34 | 05 | 98 | 02 | 0 | 496 | 58 | 0 | 0 | 9 | 0 | 0 | 32 | 52 | — | + 4 | 6.0 | — 4.8 | 5.3 | — |
| Kakul | 000 | 0 | 6 | 13 | 07 | 98 | 01 | 2 | 490 | 34 | 4 | 3 | 6 | 2 | 0 | 49 | 50 | — | — | 14.1 | — | 13.1 | — |
| Landikotal | 000 | 0 | 0 | 36 | 02 | // | // | / | 480 | 56 | 6 | 8 | 9 | 2 | 0 | 38 | 49 | — | — | 4.8 | — | 3.6 | 39 |
| Parachinar | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Miranshah | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 496 | 60 | 8 | 0 | 9 | 0 | 0 | 35 | 45 | — | — | 0.1 | — 5.3 | 0.1 | 11 |
| Wana | 000 | 0 | 8 | 13 | 02 | 97 | 02 | 0 | 492 | 49 | 8 | 2 | 7 | 0 | 0 | 45 | 45 | — | — | 4.3 | — | 4.3 | 12 |
| Fort Sandeman | 000 | 0 | 4 | 05 | 01 | 98 | 00 | 0 | 496 | 51 | 0 | 0 | 9 | 3 | 1 | 41 | 48 | + 2 | 0 | 2.4 | — 1.3 | 2.4 | — |
| Hindubagh | 000 | 0 | 7 | 23 | 05 | 97 | 03 | 0 | /// | 46 | 7 | 0 | 8 | 0 | 5 | 42 | 30 | — | — | 1.7 | — | 1.8 | 9 |
| Loralai | 000 | 0 | 6 | 09 | 02 | 98 | 00 | 0 | 480 | 53 | 0 | 0 | 8 | 0 | 0 | 41 | 55 | — | — | 2.2 | — | 2.1 | — |
| Barkhan | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| Harnai | 000 | 0 | 4 | 31 | 03 | 96 | 03 | 3 | 462 | 57 | 0 | 0 | 8 | 0 | 4 | 41 | 52 | — | — | 2.6 | — 1.7 | 2.6 | 9 |
| Samungli (Quetta) | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 499 | 41 | 2 | 0 | 9 | 1 | 0 | 34 | 41 | — | — | 3.4 | — 3.1 | 2.8 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 518 | 60 | 0 | 0 | 9 | 0 | 0 | 39 | // | + 10 | — | 7.7 | + 1.6 | 7.7 | — |
| Nushki | 000 | 0 | 4 | 09 | 09 | 97 | 01 | 0 | 524 | 65 | 0 | 0 | 9 | 0 | 2 | 36 | 60 | — | — | 3.5 | — | 3.5 | 4 |
| Dalbandin | 000 | 0 | 6 | 00 | 00 | 97 | 01 | 1 | 475 | 59 | 6 | 0 | 9 | 3 | 0 | 50 | 55 | + 3 | + 2 | 3.3 | + 0.4 | 3.3 | 7 |
| Kalat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 505 | 48 | 0 | 0 | 9 | 0 | 0 | 20 | 30 | + 5 | — 8 | 3.0 | + 1.4 | 3.0 | — |
| Khuzdar | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 487 | 57 | 5 | 0 | 9 | 2 | 1 | 32 | 54 | — | — | 2.5 | — | 2.5 | 5 |
| Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When over 999 is given 989 see the summary sheet for the actual amount of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 21st MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ d | $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABAIN SEA** | | | | | | | | | | | | | | |
| Prsibanthayes ... ... | 99 1 89 | 10 6 28 | 20 0 63 | 00 5 05 | 98 0 20 | 17 2 73 | 00 1 00 | 53 2 12 | ... | | 0 / / 29 | 12 5 69 | 30 2 02 | 35 6 02 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 007 232 / / | ... | 420 122 41 | 071 022 34 | 571 135 43 | 738 253 61 | 940 395 70 | 209 589 / / | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 018 236 60 | ... | 500 170 / / | 158 048 64 | 571 075 75 | 751 217 70 | 956 265 13 | 229 527 / / | 410 661 / / | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 090 200 47 | ... | 450 125 45 | 077 030 38 | 572 131 / / | 740 201 / / | 948 301 / / | 230 421 / / | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 999 160 57 | ... | 500 140 61 | 096 036 45 | 571 131 / / | 741 205 / / | 951 291 / / | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 967 144 44 | ... | 495 170 56 | 141 060 50 | 581 131 / / | 737 221 / / | 943 351 / / | 217 465 / / | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 819 092 59 | ... | ... | 075 032 / / | 574 071 / / | 745 147 / / | 972 171 / / | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 996 126 55 | ... | 440 090 57 | 042 031 59 | 561 211 / / | 723 295 / / | 924 391 / / | 197 571 / / | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 158 41 | 800 104 23 | 600 043 47 | 350 315 80 | 250 093 / / | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 224 69 | 800 130 65 | 600 007 18 | 350 295 71 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 084 / / | 600 031 / / | 350 157 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dd ff) | | | | | | At 0600 hrs. G.M.T. † of date (dd ff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal ... | 230 06 | 245 07 | 270 08 | 300 11 | 305 13 | 285 19 | 270 31 | ... | ... | 360 12 | 355 17 | 295 08 | 230 10 | 245 17 | 260 15 | 025 11 | 360 08 | 360 08 | 270 01 | 270 15 | 255 21 | 260 38 | ... | ... | ... | ... |
| Bogra ... | 250 10 | 255 10 | 270 12 | 270 25 | 270 25 | 155 25 | ... | ... | ... | 310 12 | 305 17 | 285 20 | 235 26 | 235 25 | 265 25 | 300 07 | 295 08 | 250 17 | 245 25 | 255 23 | 267 45 | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 280 08 | 295 08 | 535 08 | 340 04 | 195 02 | ... | ... | ... | ... | 055 03 | 025 03 | 005 05 | 335 08 | 300 10 | ... | 245 04 | 200 07 | 100 02 | 220 08 | 145 09 | ... | ... | ... | ... | ... |
| Chhor ... | 265 07 | 265 06 | 260 05 | 240 10 | 180 03 | 320 08 | ... | ... | ... | 230 10 | 240 09 | 240 09 | 250 11 | 265 12 | 275 23 | 320 08 | 205 22 | 215 32 | 245 19 | 245 18 | 260 22 | 255 25 | ... | ... | ... | ... |
| Chittagong ... | 245 09 | 280 06 | 300 51 | 345 08 | 310 33 | 290 19 | 233 33 | 265 32 | 245 38 | ... | ... | ... | ... | ... | ... | 345 04 | 315 05 | 305 06 | 265 12 | 290 99 | 255 22 | 275 26 | 260 27 | 270 31 | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 245 13 | 215 12 | 305 10 | 340 19 | 345 12 | 255 15 | 335 20 | 300 20 | ... | 085 02 | 335 01 | 310 03 | 345 06 | 335 06 | ... | 295 07 | 320 05 | 320 06 | 005 09 | 360 13 | 005 11 | 330 10 | 320 11 | 300 20 | ... | ... |
| Dacca ... | 280 13 | 280 11 | 275 12 | 270 12 | 265 12 | 275 25 | 260 42 | 265 44 | 275 47 | 220 14 | 320 19 | 300 15 | /// // | 235 17 | ... | 335 11 | 335 15 | 335 15 | 310 10 | 310 09 | 260 12 | 315 57 | 255 21 | 255 24 | 265 27 | 270 33 |
| Dalbandin ... | ... | ... | 180 09 | 200 17 | 250 14 | 150 14 | ... | ... | ... | ... | ... | 250 03 | 245 09 | 285 12 | 285 06 | ... | ... | 255 05 | 215 08 | 300 08 | 290 19 | 275 24 | 280 22 | 275 34 | 265 50 | 270 53 |
| D. I. Khan ... | 200 03 | 225 03 | 200 06 | 175 06 | 175 01 | 295 07 | 300 13 | 320 12 | 295 08 | 040 04 | 060 06 | 109 03 | 180 05 | 250 04 | 270 07 | 285 13 | 290 04 | 250 03 | 200 02 | 180 03 | 305 06 | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 320 01 | 070 04 | 015 04 | 195 04 | ... | ... | No | Ascent | ... | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 340 04 | 285 09 | 215 13 | 250 16 | 250 22 | 265 27 | ... | ... | ... | 060 07 | 330 06 | 110 11 | ... | ... | ... | 025 03 | 260 05 | 280 14 | 285 12 | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 055 06 | 020 06 | /// // | 095 06 | ... | ... | | | | 260 01 | 220 02 | ... | ... | | ... | ... | ... | ... | ... | | ... | ... | ... |
| Ishurdi ... | 265 07 | 280 08 | 270 10 | 250 23 | 245 51 | ... | ... | ... | ... | 325 15 | 320 23 | 285 28 | 230 21 | 230 24 | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | ... |
| Jacobabad ... | 193 88 | 180 06 | 185 09 | 210 14 | 235 24 | 265 31 | ... | ... | ... | 190 05 | 200 05 | 205 06 | 225 07 | 325 09 | 235 11 | 130 12 | 130 15 | 135 10 | 160 05 | 240 05 | 285 04 | 260 22 | 295 37 | ... | ... | ... |
| Jessore ... | 271 08 | 260 10 | 260 10 | 250 12 | 240 12 | 230 15 | 270 20 | ... | ... | 345 16 | 340 14 | 265 07 | 240 15 | 245 17 | 295 24 | 340 08 | 340 07 | 290 07 | 243 16 | 260 10 | 270 17 | 275 25 | 290 24 | 285 05 | ... | ... |
| Jhelum ... | 265 05 | 300 05 | 305 07 | 305 18 | 350 08 | 275 06 | 295 13 | 310 18 | 295 62 | 315 14 | 325 17 | 315 13 | 325 15 | 220 07 | 340 08 | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 210 10 | 215 09 | 210 08 | 290 07 | 260 10 | 265 17 | 270 26 | 295 24 | 295 26 | 245 06 | 275 09 | 300 10 | 295 10 | ... | ... | 245 05 | 230 05 | ... | ... | | ... | ... | ... | ... | ... | ... |
| Karachi ... | 245 09 | 280 08 | 265 11 | 215 19 | 245 12 | 245 12 | 290 14 | 265 17 | 270 20 | ... | ... | | ... | | ... | 260 06 | 240 10 | 260 10 | 255 12 | 265 13 | 265 18 | 255 23 | 280 33 | 285 36 | | ... |
| Khanpur ... | 230 07 | 250 03 | 250 03 | 230 07 | 265 07 | 280 17 | 295 19 | ... | ... | 055 15 | 085 12 | 085 14 | 140 05 | 265 13 | 260 23 | | ... | ... | | | | | | ... | ... | ... |
| Khuzdar ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 03 | 285 12 | 260 13 | | ... | ... | 270 04 | 265 05 | 295 15 | 295 35 | ... | | ... | ... |
| Lahore ... | 285 07 | 305 04 | 330 06 | 330 04 | 325 07 | 245 06 | 240 03 | ... | ... | 300 12 | 310 15 | 310 14 | 320 15 | 330 14 | 345 11 | 300 06 | 305 09 | 310 15 | 320 18 | 320 18 | 310 12 | | | | | ... |
| Multan ... | ... | | ... | ... | ... | ... | ... | ... | ... | 135 11 | 145 10 | 205 07 | 230 07 | 270 09 | 265 15 | 175 06 | 195 10 | 190 08 | 210 14 | 230 11 | 250 12 | 230 71 | 235 21 | 260 13 | 275 52 | 275 95 |
| Nawab Shah ... | 205 05 | 215 08 | 225 12 | 225 11 | 240 15 | 260 21 | 255 29 | ... | ... | 220 12 | 275 08 | 265 07 | 235 17 | 250 15 | 260 22 | 290 03 | 240 05 | 215 09 | 244 17 | 255 18 | 255 26 | | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 100 07 | 135 05 | 185 07 | 205 06 | ... | ... | ... | ... | ... | 325 05 | 340 08 | 015 09 | ... | ... | ... | 075 05 | 285 13 | 280 15 | 270 15 | 285 21 | 305 28 | 295 31 | ... | ... |
| Panjgur ... | ... | | | | | ... | | | | ... | | | | | | | | | | | | | | | | |
| Peshawar ... | ... | 070 03 | 005 01 | 155 04 | 240 09 | 305 09 | 260 17 | 355 23 | ... | ... | 320 08 | 345 08 | 020 08 | 020 10 | 280 13 | ... | 125 01 | 320 07 | 340 18 | 005 05 | 165 08 | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | |
| Quetta ... | | | | ... | 270 06 | 275 08 | 285 73 | 295 17 | 295 23 | ... | ... | ... | ... | ... | ... | ... | | | ... | 165 01 | 270 10 | 260 25 | 255 24 | 260 35 | 260 56 | 280 82 |
| Sargodha ... | 260 04 | 315 05 | 315 06 | 355 05 | 335 08 | 305 08 | 305 10 | 310 15 | 295 22 | 320 11 | 315 07 | 325 07 | 330 05 | 300 10 | 335 07 | 285 08 | 290 11 | 290 10 | 290 07 | 275 03 | 225 03 | 265 15 | 250 17 | | ... | ... |
| Skardu ... | ... | ... | ... | | 270 02 | 281 43 | 260 15 | | ... | ... | ... | | 350 02 | 110 04 | 310 02 | ... | ... | ... | | | ... | | | | ... | ... |
| Sylhet ... | 285 17 | 250 09 | 235 13 | 250 24 | 265 15 | 270 41 | ... | ... | ... | 255 05 | 245 08 | 285 12 | 245 15 | 255 22 | 230 37 | 165 01 | 285 07 | 285 13 | 245 11 | 206 15 | 265 30 | 285 33 | /// // | 260 22 | ... | ... |
| Veraval ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | ... | | ... | ... |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 260 14 | 245 18 | 235 15 | 235 16 | 250 21 | 260 19 | 265 25 | 270 29 | 270 33 | 275 38 | 285 47 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 175 12 | 185 12 | 235 10 | 235 08 | 245 10 | 275 11 | 270 16 | 285 19 | 290 29 | 275 42 | 290 62 | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V. V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

$T_a$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

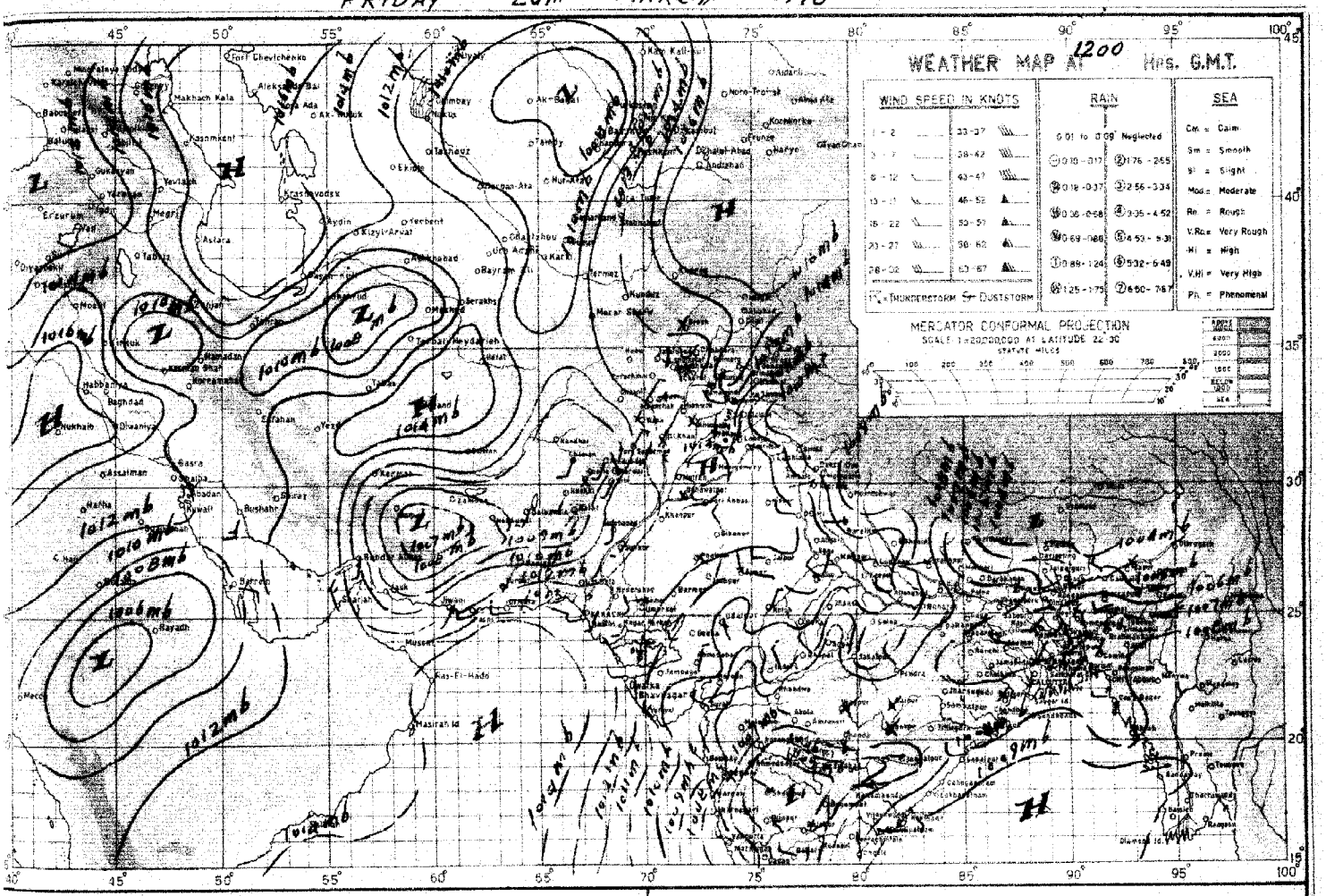
† The actual time of observations may vary within half an hour of the specified time.

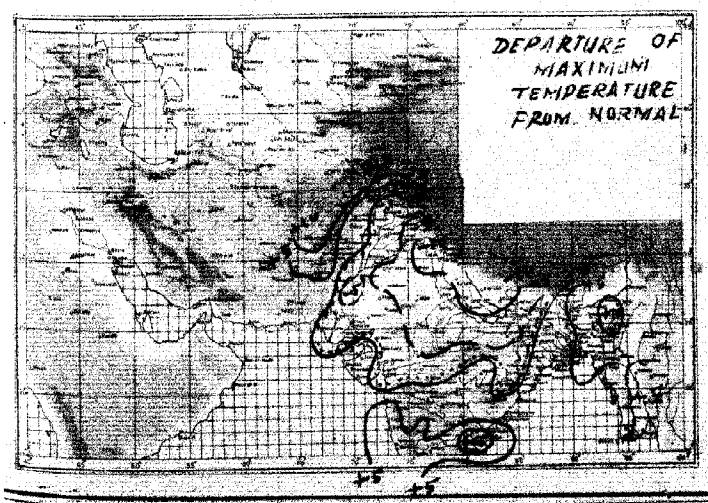
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

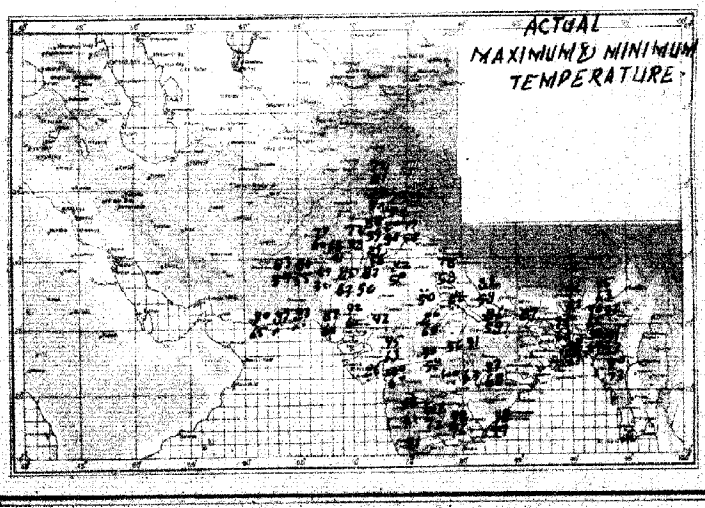
The accuracy of individual entries in this report cannot also be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

FRIDAY 20th MARCH 1970

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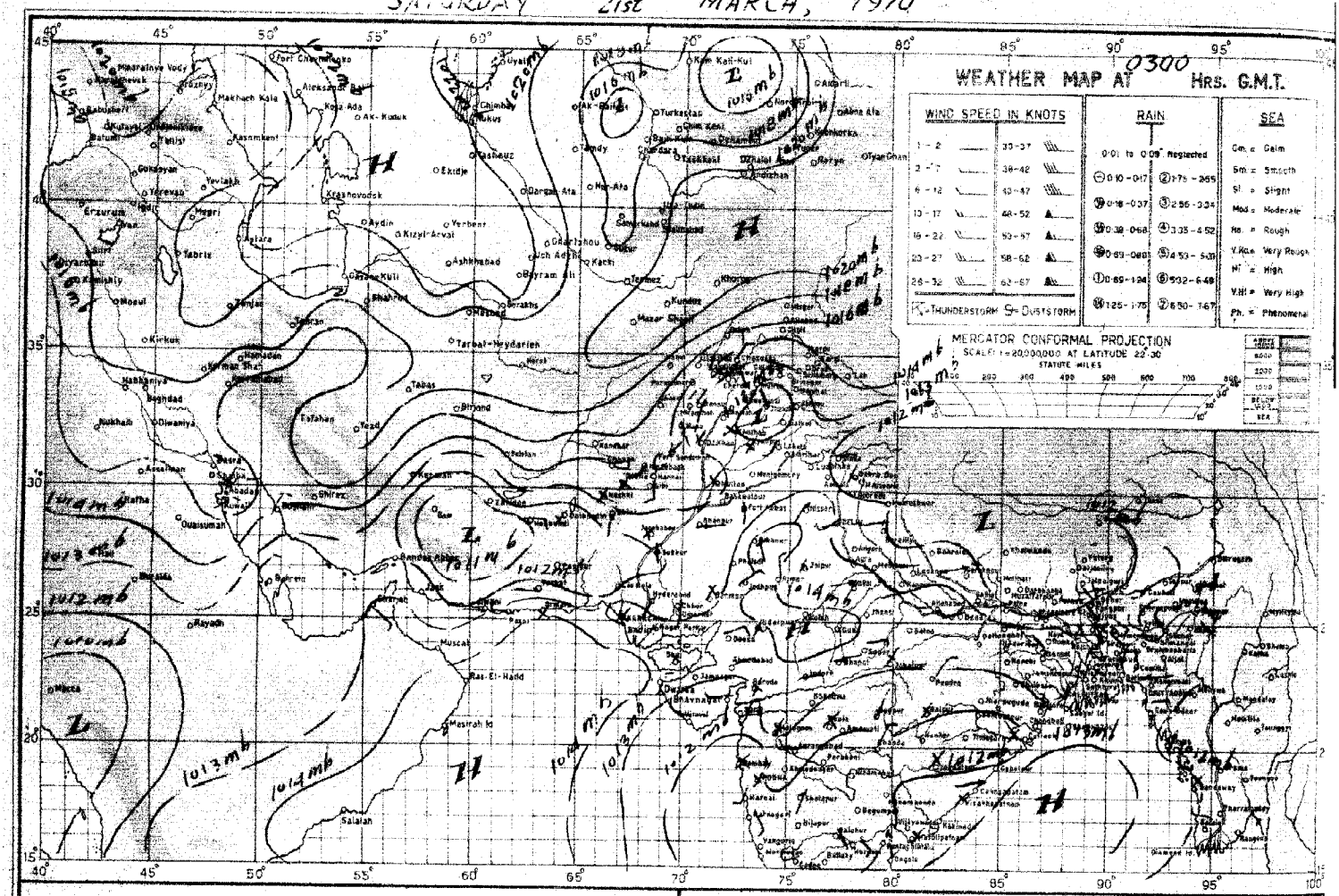
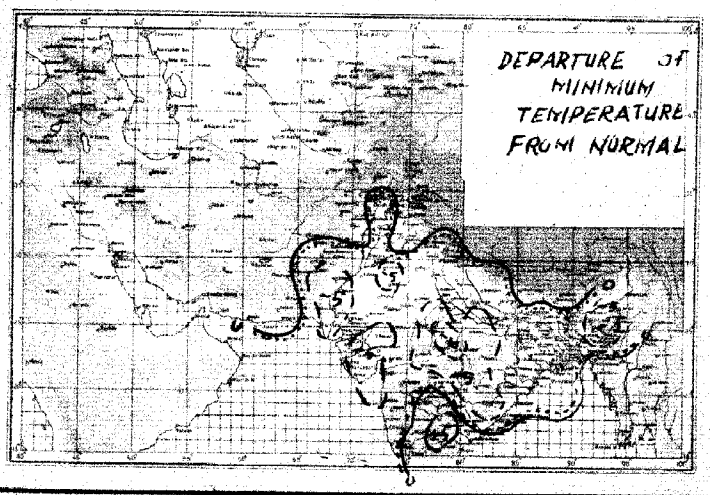
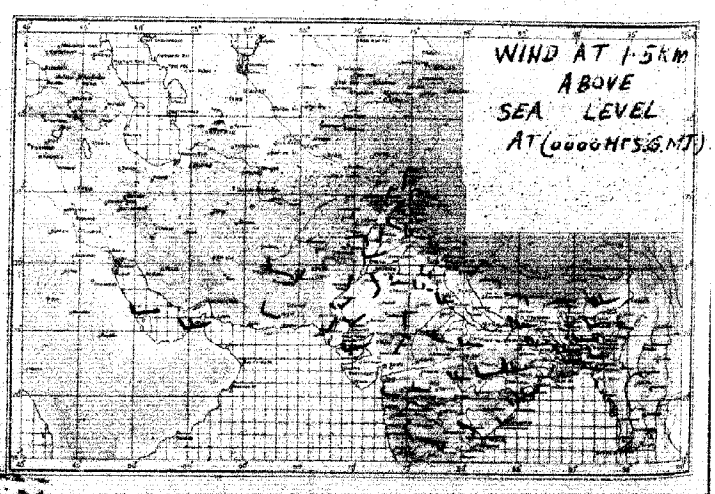
# PAKISTAN DAILY WEATHER MAP

SATURDAY 21st MARCH, 1970

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Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**SUNDAY THE 22nd MARCH, 1970.**

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's western disturbance is moving away across the northern divisions of west Pakistan.

A few falls of light rain or drizzle have occurred in Peshawar and Rawalpindi divisions. Weather remained dry elsewhere over the country.

Night temperatures were 3—6 °F (2—3 °C) below normal in East Pakistan and Multan and Kalat divisions and to the same extent above normal in Lahore, Rawalpindi, Malakand and Peshawar divisions.

**Forecast valid until the evening of 23rd March 1970 :**—A few thunderstorm/showers may occur in Malakand, Peshawar, Rawalpindi divisions and Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 22nd March, 1970.

## O B S E R V A T I O N S

ZARIF AHMAD
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature °F TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 1 | 23 | 02 | 95 | 04 | 0 | 098 | 90 | 1 | 1 | 7 | 0 | 8 | 59 | 98 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 05 | 95 | 02 | 0 | 084 | 82 | 0 | 0 | 9 | 0 | 0 | 75 | 98 |
| | Chittagong | 000 | 0 | 5 | 27 | 02 | 96 | 02 | 2 | 088 | 84 | 0 | 0 | 9 | 0 | 3 | 70 | 92 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 089 | 87 | 0 | 0 | 9 | 0 | 0 | 60 | 93 |
| | Brahmanbaria | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 087 | 87 | 0 | 0 | 9 | 0 | 0 | 46 | 95 |
| | Sylhet | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 089 | 86 | 0 | 0 | 9 | 0 | 0 | 52 | 94 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 084 | 90 | 0 | 0 | 9 | 0 | 0 | 54 | 94 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 093 | 85 | 0 | 0 | 9 | 0 | 0 | 54 | 92 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 080 | 87 | 0 | 0 | 9 | 0 | 0 | 62 | 87 |
| | Dacca (Tejgaon) | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 085 | 90 | 0 | 1 | 8 | 0 | 1 | 49 | 94 |
| | Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 052 | 91 | 0 | 0 | 9 | 0 | 0 | 56 | 96 |
| Khulna | Barisal | 000 | 0 | 4 | 01 | 02 | 96 | 05 | 0 | 080 | 86 | 0 | 0 | 9 | 0 | 0 | 62 | 94 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 081 | 90 | 0 | 0 | 9 | 0 | 0 | 68 | 98 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 087 | 87 | 0 | 0 | 9 | 0 | 0 | 60 | 99 |
| | Jessore | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 1 | 083 | 90 | 0 | 0 | 9 | 0 | 1 | 56 | 94 |
| Rajshahi | Pabna | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | /// | 90 | 0 | 0 | 9 | 0 | 0 | 46 | 94 |
| | Sirajganj | 000 | 0 | 0 | 23 | 02 | 95 | 00 | 0 | 085 | // | 0 | 0 | 9 | 0 | 0 | 43 | 91 |
| | Rajshahi | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 0 | 085 | 87 | 0 | 0 | 9 | 0 | 0 | 62 | 91 |
| | Bogra | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 1 | 078 | 86 | 0 | 0 | 9 | 0 | 8 | 79 | 91 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 045 | 79 | 0 | 0 | 9 | 0 | 0 | 69 | 96 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 5 | 31 | 03 | 96 | 01 | 1 | 099 | 79 | 2 | 8 | 7 | 7 | 0 | 45 | 79 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | . | ... |
| Rawalpindi | Jhelum | 000 | 9 | 7 | 13 | 02 | 97 | 02 | 2 | 099 | 75 | 2 | 5 | 6 | 7 | 0 | 54 | 77 |
| | Islamabad | 000 | 0 | 8 | 00 | 00 | 94 | 03 | 0 | /// | 68 | 0 | 4 | 5 | 4 | 0 | 51 | 69 |
| | Rawalpindi | 000 | 0 | 8 | 27 | 02 | 98 | 02 | 2 | 107 | 69 | 8 | 4 | 7 | 0 | 0 | 56 | 71 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | // | 97 | 03 | 2 | 105 | 58 | 6 | 5 | 8 | 2 | 0 | 58 | 79 |
| | Sargodha | 000 | 0 | 7 | 27 | 05 | 97 | 02 | 2 | 103 | 77 | 4 | 3 | 6 | 3 | 0 | 45 | 82 |
| | Lyallpur | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | 098 | 79 | 5 | 3 | 8 | 0 | 0 | 59 | 75 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 1 | 13 | 05 | 97 | 01 | 1 | 091 | 84 | 1 | 0 | 9 | 3 | 0 | 46 | 84 |
| | Leiah | 003 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 128 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 80 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 1 | 077 | 90 | 8 | 0 | 9 | 0 | 0 | 35 | 90 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 084 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| | Fort Abbas | 050 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 092 | 84 | 0 | 0 | 9 | 0 | 0 | 41 | 86 |
| Malakand | Chakdra | 000 | 0 | 6 | 23 | 02 | 98 | 03 | 7 | 070 | 79 | 6 | 0 | 9 | 4 | 0 | 56 | 79 |
| Peshawar | Peshawar | 000 | 0 | 7 | 18 | 03 | 97 | 02 | 2 | 092 | 73 | 1 | 5 | 6 | 7 | 2 | 49 | 79 |
| | Haripur | 000 | 2 | 0 | 13 | 02 | 98 | 02 | 1 | 154 | 75 | 5 | 0 | 9 | 0 | 0 | 32 | 75 |
| D. I. Khan | Bannu | 000 | 0 | 7 | // | 01 | 98 | 04 | 2 | 105 | 73 | 0 | 0 | 9 | 1 | 0 | 46 | 73 |
| | D. I. Khan | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 1 | 118 | 75 | 4 | 5 | 6 | 2 | 0 | 52 | 80 |
| Quetta | Sibi | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 1 | 121 | 80 | 4 | 2 | 9 | 4 | 2 | 58 | 82 |
| | Nokkundi | 000 | 0 | 0 | 36 | 23 | 96 | 02 | 0 | 066 | 84 | 0 | 0 | 9 | 0 | 0 | 50 | 85 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 103 | 89 | 0 | 0 | 9 | 0 | 0 | 23 | 89 |
| | Jiwani | 000 | 0 | 1 | 27 | 14 | 96 | 01 | 1 | 100 | 79 | 1 | 8 | 9 | 3 | 0 | 67 | 81 |
| | Pasni | 000 | 0 | 0 | 25 | 24 | 97 | 02 | 0 | 104 | 84 | 0 | 0 | 9 | 0 | 0 | 80 | 82 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 16 | 94 | 04 | 4 | 109 | 78 | 1 | 6 | 6 | 0 | 0 | 74 | 80 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 5 | 27 | 09 | 97 | 03 | 0 | 101 | 77 | 0 | 0 | 9 | 0 | 1 | 69 | 79 |
| | Karachi (Airport) | 000 | 0 | 3 | 27 | 09 | 96 | 01 | 2 | 097 | 80 | 0 | 0 | 9 | 0 | 1 | 63 | 82 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 050 | 88 | 0 | 0 | 9 | 0 | 0 | 62 | 92 |
| | Chhor | 000 | 0 | 0 | 23 | 09 | 96 | 02 | 0 | 077 | 90 | 0 | 0 | 9 | 0 | 0 | 37 | 99 |
| | Hyderabad | 000 | 0 | 2 | 23 | 05 | 97 | 01 | 1 | 088 | 89 | 1 | 0 | 9 | 3 | 1 | 38 | 93 |
| | Badin | 000 | 0 | 3 | 23 | 08 | 97 | 03 | 0 | 087 | 92 | 0 | 0 | 9 | 0 | 2 | 45 | 93 |
| Khairpur | Padidan | 000 | 0 | 1 | 23 | 05 | 96 | 01 | 1 | 079 | 89 | 0 | 0 | 9 | 0 | 1 | 34 | 90 |
| | Nawabshah | 000 | 0 | 1 | 32 | 03 | 96 | 01 | 2 | 082 | 93 | 0 | 0 | 9 | 2 | 0 | 43 | 95 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 088 | 90 | 0 | 0 | 9 | 0 | 0 | 50 | 92 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 073 | 89 | 0 | 0 | 9 | 0 | 0 | 48 | 90 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 487 | 63 | 8 | 5 | 7 | / | / | 40 | 45 |
| Peshawar | Cherat * | 000 | 0 | 4 | 16 | 65 | 98 | 03 | 3 | 496 | 42 | 0 | 0 | 9 | 6 | 0 | 45 | 66 |
| | Kakul * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Landikotal * | 000 | 0 | 8 | 16 | 02 | 98 | 03 | 6 | 470 | 68 | 8 | 7 | 9 | 6 | 0 | 36 | 69 |
| | Parachinar * | 000 | 0 | 8 | 27 | 06 | 97 | 02 | 3 | 495 | 56 | 6 | 8 | 5 | 2 | / | 40 | 60 |
| D.I. Khan | Miranshah * | 000 | 0 | 4 | 05 | 05 | 97 | 03 | 0 | 412 | 72 | 4 | 0 | 9 | 0 | 0 | 41 | 72 |
| | Wana * | 010 | 3 | 0 | 13 | 20 | 98 | 03 | 5 | 484 | 58 | 8 | 2 | 7 | 0 | 0 | 58 | 63 |
| Quetta | Fort Sandeman * | 000 | 7 | 6 | 05 | 19 | 97 | 01 | 2 | 487 | 60 | 5 | 4 | 7 | 9 | 0 | 41 | 64 |
| | Hindubagh * | 000 | 0 | 8 | 30 | 05 | 97 | 03 | 0 | /// | 60 | 8 | 2 | 4 | 0 | 1 | 30 | 61 |
| | Loralai * | 000 | 0 | 0 | 10 | 02 | 97 | 00 | 0 | 486 | 60 | 0 | 0 | 9 | 0 | 0 | 45 | 65 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 5 | 13 | 01 | 96 | 03 | 2 | 460 | 76 | 0 | 0 | 9 | 5 | 0 | 39 | 76 |
| | Samungli (Quetta) * | 000 | 0 | 4 | 27 | 10 | 94 | 04 | 0 | 468 | 71 | 2 | 4 | 6 | 3 | 0 | 37 | 75 |
| | Chaman * | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 482 | 70 | 0 | 0 | 9 | 0 | 0 | 48 | 74 |
| | Nushki * | 000 | 0 | 0 | 31 | 05 | 93 | 05 | 0 | 529 | 80 | 0 | 0 | 9 | 0 | 0 | 43 | 80 |
| | Dalbandin * | 000 | 0 | 1 | 31 | 07 | 94 | 07 | 3 | 491 | 84 | 1 | 0 | 9 | 3 | 0 | 55 | 85 |
| Kalat | Kalat * | 000 | 0 | 0 | 24 | 02 | 98 | 00 | 2 | 470 | 65 | 0 | 0 | 9 | 0 | 0 | 38 | 78 |
| | Khuzdar * | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 460 | 80 | 0 | 0 | 9 | 0 | 0 | 34 | 81 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

At 0300 Hrs. G.M.T. of date

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 0 | 35 | 05 | 95 | 04 | 0 | 134 | 81 | 0 | 0 | 3 | 0 | 0 | 64 | 73 |
| Cox's Bazar | 300 | 0 | 0 | 04 | 07 | 96 | 05 | 0 | 121 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 71 |
| Chittagong | 000 | 0 | 0 | 05 | 03 | 96 | 01 | 2 | 123 | 81 | 0 | 0 | 9 | 0 | 0 | 64 | 69 |
| Maijdee Court | 000 | 9 | 0 | 00 | 00 | 98 | 00 | 0 | 121 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 68 |
| Comilla | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 120 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 64 |
| Brahmanbaria | 000 | 0 | 0 | 13 | 03 | 97 | 00 | 0 | 121 | 86 | 0 | 0 | 9 | 0 | 0 | 64 | 65 |
| Sylhet | 0'0 | 0 | 0 | 09 | 05 | 96 | 03 | 1 | 130 | 79 | 0 | 1 | 9 | 0 | 0 | 58 | 62 |
| Srimangal | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 128 | 86 | 0 | 0 | 9 | 0 | 0 | 54 | 56 |
| Mymensingh | 000 | 0 | 0 | 13 | 02 | 97 | 00 | 0 | 138 | 84 | 0 | 0 | 9 | 0 | 0 | 59 | 62 |
| Narayanganj | 000 | 0 | 8 | 00 | 00 | 97 | 00 | 0 | 127 | 90 | 0 | 0 | 8 | 0 | 0 | 58 | 68 |
| Dacca (Tejgaon) | 000 | 0 | 1 | 13 | 02 | 96 | 05 | 0 | 136 | 84 | 0 | 0 | 9 | 0 | 1 | 54 | 64 |
| Faridpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 136 | 87 | 0 | 0 | 9 | 0 | 0 | 47 | 62 |
| Barisal | 000 | 0 | 0 | 09 | 02 | 97 | 02 | 0 | 125 | 81 | 0 | 0 | 9 | 0 | 0 | 62 | // |
| Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 131 | 81 | 0 | 0 | 0 | 0 | 0 | 64 | 65 |
| Jessore | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 127 | 79 | 0 | 0 | 9 | 0 | 0 | 56 | 62 |
| Pabna | 000 | 0 | 0 | 05 | 00 | 98 | 02 | 0 | 118 | 81 | 0 | 0 | 9 | 0 | 0 | 51 | 62 |
| Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 122 | 81 | 0 | 0 | 9 | 0 | 0 | 54 | 62 |
| Rajshahi | 000 | 0 | 0 | 00 | 02 | 96 | 02 | 0 | 136 | 75 | 0 | 0 | 9 | 0 | 0 | 60 | 62 |
| Bogra | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 125 | 82 | 0 | 0 | 9 | 0 | 1 | 54 | 62 |
| Dinajpur | | | | | | | | | | | | | | | | | |
| Rangpur | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 6 | 00 | 00 | 95 | 05 | 1 | 123 | 64 | 5 | 6 | 3 | 0 | 0 | 56 | 60 |
| Sialkot | 050 | 0 | 0 | 20 | 15 | 98 | 00 | 0 | 124 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | // |
| Jhelum | 000 | 2 | 7 | 31 | 02 | 97 | 21 | 6 | 119 | 68 | 4 | 5 | 6 | 2 | 0 | 54 | 60 |
| Islamabad | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | /// | 64 | 3 | 5 | 6 | 3 | 0 | 49 | 58 |
| Rawalpindi | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 126 | 60 | 7 | 0 | 9 | 3 | 0 | 56 | 58 |
| Campbellpur | | | | | | | | | | | | | | | | | |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 1 | 120 | 62 | 0 | 0 | 9 | 8 | 0 | 47 | 60 |
| Sargodha | 000 | 0 | 7 | 00 | 00 | 97 | 01 | 2 | 119 | 64 | 4 | 5 | 6 | 3 | 0 | 59 | 60 |
| Lyallpur | 080 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 098 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 58 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 121 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 54 |
| Leiah | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 158 | // | 0 | 0 | 9 | 0 | 0 | 58 | 54 |
| Khanpur | 000 | 9 | 1 | 36 | 03 | 96 | 02 | 0 | 114 | 62 | 8 | 0 | 9 | 3 | 0 | 32 | 56 |
| Bahawalpur | 000 | 9 | 0 | 00 | 00 | 96 | 00 | 0 | 123 | 73 | 0 | 0 | 9 | 0 | 0 | 50 | 58 |
| Fort Abbas | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakdra | 000 | 0 | 0 | 33 | 05 | 98 | 03 | 1 | 125 | 62 | 8 | 0 | 9 | 1 | 0 | 56 | 45 |
| Peshawar | 000 | 8 | 5 | 23 | 01 | 97 | 01 | 2 | 124 | 65 | 1 | 1 | 4 | 3 | 0 | 51 | 60 |
| Haripur | 000 | 3 | 4 | 13 | 02 | 97 | 03 | 2 | 138 | 58 | 0 | 0 | 9 | 0 | 2 | 50 | 56 |
| Bannu | 000 | 0 | 3 | 27 | 02 | 99 | 01 | 1 | 128 | 60 | 0 | 0 | 1 | 4 | 0 | 51 | 58 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 121 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 59 |
| Sibi | 000 | 0 | 2 | 23 | 03 | 97 | 03 | 0 | 149 | 60 | 0 | 2 | 9 | 2 | 0 | 56 | 56 |
| Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 136 | 65 | 0 | 0 | 9 | 0 | 0 | 38 | 57 |
| Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 1 | 117 | 70 | 3 | 6 | 4 | 0 | 0 | 68 | 66 |
| Pasni | 000 | 0 | 0 | 39 | 08 | 97 | 02 | 0 | 120 | 68 | 0 | 0 | 9 | 0 | 0 | 68 | // |
| Ormara | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 2 | 130 | 74 | 2 | 6 | 6 | 0 | 0 | 73 | // |
| Lasbela | | | | | | | | | | | | | | | | | |
| Karachi (Manora) | 000 | 0 | 2 | 31 | 05 | 96 | 01 | 1 | 115 | 74 | 0 | 0 | 9 | 0 | 4 | 70 | 72 |
| Karachi (Airport) | 000 | 0 | 3 | 27 | 02 | 96 | 01 | 0 | 114 | 73 | 0 | 0 | 9 | 0 | 1 | 64 | 64 |
| Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 109 | 69 | 0 | 0 | 9 | 0 | 0 | 64 | 62 |
| Hyderabad | 000 | 0 | 1 | 00 | 00 | 97 | 03 | 0 | 115 | 71 | 0 | 0 | 9 | 0 | 1 | 59 | 65 |
| Badin | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Padidan | 000 | 0 | 5 | 31 | 02 | 95 | 05 | 1 | 126 | 64 | 0 | 0 | 9 | 0 | 7 | 52 | 56 |
| Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 117 | 64 | 0 | 0 | 9 | 0 | 0 | 53 | 57 |
| Sukkur | 060 | 2 | 0 | 05 | 03 | 95 | 05 | 4 | 113 | 66 | 0 | 0 | 9 | 0 | 0 | 44 | 63 |
| Kashmore | | | | | | | | | | | | | | | | | |
| Jacobabad | 000 | 0 | 0 | 02 | 00 | 96 | 02 | 0 | 111 | 71 | 0 | 0 | 9 | 0 | 0 | 56 | 64 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | |
| Gulmarg ** | | | | | | | | | | | | | | | | | |
| Sonamarg ** | | | | | | | | | | | | | | | | | |
| Dras ** | | | | | | | | | | | | | | | | | |
| Leh ** | | | | | | | | | | | | | | | | | |
| Skardu * | | | | | | | | | | | | | | | | | |
| Misgar ** | | | | | | | | | | | | | | | | | |
| Aliabad * | | | | | | | | | | | | | | | | | |
| Gilgit * | | | | | | | | | | | | | | | | | |
| Murree * | | | | | | | | | | | | | | | | | |
| Drosh * | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 0 | 516 | 52 | 4 | 8 | 7 | 3 | 0 | 41 | 49 |
| Cherat * | 000 | 0 | 8 | 00 | 08 | 98 | 02 | 2 | 496 | 58 | 0 | 0 | 9 | 0 | 0 | 41 | 54 |
| Kakul * | 081 | 0 | 5 | 34 | 07 | 98 | 01 | 2 | 499 | 54 | 3 | 2 | 6 | 2 | 0 | 45 | 51 |
| Landikotal * | 000 | 0 | 4 | 06 | 02 | 98 | 01 | 0 | 482 | 59 | 4 | 3 | 9 | 1 | 0 | 41 | 50 |
| Parachinar * | 000 | 0 | 1 | 05 | 02 | 98 | 01 | 2 | 505 | 47 | 1 | 1 | 7 | 0 | 0 | 38 | 45 |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 97 | 03 | 0 | 534 | 49 | 8 | 0 | 9 | 0 | 0 | 41 | 40 |
| Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 474 | 54 | 0 | 0 | 9 | 0 | 0 | 49 | 41 |
| Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 495 | 52 | 0 | 0 | 9 | 0 | 0 | 38 | 46 |
| Hindubagh * | 000 | 0 | 0 | 27 | 05 | 97 | 02 | 0 | /// | 47 | 0 | 0 | 9 | 0 | 0 | 37 | 32 |
| Loralai * | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 480 | 53 | 0 | 0 | 9 | 0 | 0 | 36 | // |
| Barkhan * | | | | | | | | | | | | | | | | | |
| Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 470 | 40 | 0 | 0 | 9 | 0 | 0 | 45 | 55 |
| Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 94 | 02 | 0 | /// | 50 | 0 | 0 | 9 | 0 | 0 | 38 | 47 |
| Chaman * | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 491 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 58 |
| Nushki * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 561 | 64 | 0 | 0 | 9 | 0 | 0 | 35 | 58 |
| Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 05 | 1 | 504 | 59 | 2 | 0 | 9 | 0 | 1 | 50 | // |
| Kalat * | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 2 | 519 | 50 | 0 | 0 | 9 | 0 | 0 | 27 | 32 |
| Khuzdar * | 000 | 0 | 3 | 31 | 03 | 96 | 02 | 0 | 498 | 65 | 0 | 0 | 9 | 0 | 0 | 31 | 57 |
| Panjgur * | | | | | | | | | | | | | | | | | |

Departure from Normal of / Rainfall

| Stations (2) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 4.0 | — | 2.4 | — |
| Cox's Bazar | + 11 | + 2 | — | — | — | 140 |
| Chittagong | + 5 | — 1 | 1.4 | — 4.5 | 0.6 | 108 |
| Maijdee Court | | — 4 | 3.6 | — 1.0 | 3.3 | 115 |
| Comilla | + 2 | — 6 | 2.2 | — 3.0 | 1.7 | 94 |
| Brahmanbaria | — | — | 2.5 | + 1.3 | 1.2 | 78 |
| Sylhet | — | — | 7.3 | — | 5.8 | — |
| Srimangal | + 4 | — 7 | — | — | — | 98 |
| Mymensingh | + 2 | — 5 | 1.6 | — 1.7 | 1.3 | 91 |
| Narayanganj | — 4 | — 3 | 2.9 | — 1.3 | 1.5 | 74 |
| Dacca (Tejgaon) | — | — | 2.5 | — | 1.2 | — |
| Faridpur | + 6 | — 7 | 3.6 | — 0.8 | 2.0 | 71 |
| Barisal | + 3 | / | 2.2 | — 2.1 | 1.3 | 81 |
| Khulna | + 4 | | | | | 68 |
| Satkhira | + 5 | — 6 | 3.2 | — 1.4 | 3.0 | 65 |
| Jessore | — | — | 4.7 | + 0.8 | 3.6 | 65 |
| Pabna | — | — | 4.0 | — | 3.0 | 59 |
| Sirajganj | — 2 | — 4 | 2.2 | — 0.4 | 1.9 | 64 |
| Rajshahi | — 1 | — 5 | 4.5 | + 2.0 | 1.6 | — |
| Bogra | — 2 | — 3 | 2.7 | — 0.1 | 1.4 | 60 |
| Dinajpur | | | | | | 72 |
| Rangpur | + 6 | | | | | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | — 7 | + 5 | 2.0 | — 1.2 | 2.0 | 19 |
| Sialkot | | / | 1.8 | — 4.0 | 1.8 | 32 |
| Jhelum | — | — | 5.3 | — | 5.2 | — |
| Islamabad | — | | 6.3 | — | 6.2 | — |
| Rawalpindi | — 8 | + 5 | 9.6 | + 0.1 | 9.4 | 36 |
| Campbellpur | | | | | | — |
| Khushab | — 3 | + 1 | 1.5 | — 1.4 | 1.5 | 15 |
| Sargodha | — | — | 1.9 | — | 1.7 | — |
| Lyallpur | — 11 | + 1 | 1.8 | 0.0 | 1.5 | 13 |
| Sahiwal | | | | | | 18 |
| Multan | — 2 | — 6 | 0.8 | — 0.6 | 0.8 | 7 |
| Leiah | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | — 1 | — 1 | 2.0 | + 0.9 | 1.7 | 6 |
| Bahawalpur | — 9 | 0 | 0.2 | — 0.8 | 0.2 | 6 |
| Fort Abbas | — | | | | | 8 |
| Chakdra | — | — | 6.0 | — | 4.9 | — |
| Peshawar | + 2 | + 5 | 3.8 | — 2.0 | 3.1 | 11 |
| Haripur | — | — | 8.3 | — | 7.4 | — |
| Bannu | — | — | 7.9 | — | 7.5 | 11 |
| D. I. Khan | — 5 | + 1 | 8.4 | + 6.2 | 8.4 | 9 |
| Sibi | — | — | 0.6 | — | 0.6 | 8 |
| Nokkundi | — | — | 2.5 | — | 2.5 | 3 |
| Turbat | — | | | | | — |
| Jiwani | — | — | 9.2 | — | 8.3 | 8 |
| Pasni | — 4 | / | 2.5 | — 2.2 | 2.5 | 6 |
| Ormara | — | — | 2.9 | — 1.7 | 2.9 | 8 |
| Lasbela | | | | | | 8 |
| Karachi (Manora) | — 5 | + 1 | 1.1 | — 0.4 | 1.1 | 8 |
| Karachi (Airport) | — | — | 3.0 | — | 3.0 | — |
| Nagarparkar | — | | | | | — |
| Chhor | — | — | 2.5 | — | 2.5 | 7 |
| Hyderabad | — 2 | — 1 | 1.1 | + 0.3 | 1.1 | 9 |
| Badin | — 2 | | | | | — |
| Padidan | — | — | 0.9 | — | 0.9 | — |
| Nawabshah | — | — | 0.4 | — | 0.4 | 4 |
| Sukkur | — | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | 4 |
| Jacobabad | — 3 | + 1 | 2.2 | + 1.2 | 2.1 | 20 |
| Veraval | | | | | | 26 |
| HILL STATIONS | | | | | | |
| Srinagar * | | | | | | — |
| Gulmarg ** | | | | | | 71 |
| Sonamarg ** | | | | | | 20 |
| Dras ** | | | | | | 3 |
| Leh ** | | | | | | 4 |
| Skardu * | | | | | | — |
| Misgar ** | | | | | | — |
| Aliabad * | | | | | | 5 |
| Gilgit * | | | | | | 59 |
| Murree * | | | | | | 18 |
| Drosh * | + 4 | + 7 | 4.0 | — | 3.4 | 29 |
| Cherat * | + 5 | + 6 | 6.0 | — 4.9 | 5.3 | — |
| Kakul * | — | — | 14.1 | — | 13.2 | — |
| Landikotal * | — | — | 4.3 | — | 3.6 | 29 |
| Parachinar * | — 3 | + 4 | 5.6 | — | 5.8 | 18 |
| Miranshah * | — | — | 0.1 | — 5.5 | 0.1 | 11 |
| Wana * | — | — | 4.4 | — | 4.4 | 13 |
| Fort Sandeman * | — 11 | — 2 | 2.4 | — 1.3 | 2.4 | — |
| Hindubagh * | — | — | 1.7 | — | 1.5 | 9 |
| Loralai * | — | — | 2.2 | — | 2.1 | — |
| Barkhan * | | | | | | 14 |
| Harnai * | — | — | 2.6 | — 1.8 | 2.4 | 9 |
| Samungli (Quetta) * | — | — | 3.4 | — 3.1 | 2.8 | 9 |
| Chaman * | + 6 | + 11 | 7.7 | + 0.6 | 7.7 | — |
| Nushki * | — | — | 3.5 | — | 3.5 | 4 |
| Dalbandin * | + 2 | / | 3.3 | + 0.4 | 3.3 | 9 |
| Kalat * | + 6 | — 6 | 3.0 | — 1.7 | 3.0 | |
| Khuzdar * | — | — | 2.5 | — | 2.5 | 5 |
| Panjgur * | | | | | | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 22nd MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99LaLaLa | QcLoLoLo | YYGGiw | N dd FF | VV ww W | PPP TT | NhClhCmCh | DsVsa PP | 7RR tgtg | 8NsCh hs | 0TsTsTdTd | 1TwTwTwT | 3PwPwHwHw | d dwPwHwHw |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| British Freedom ... ... | 99 1 89 | 10 6 31 | 21 1 25 | 18 1 03 | 99 0 20 | 13 4 26 | 00 9 05 | 33 6 16 | | | 0// 19 | 12 7 59 | 30 1 01 | — |
| Baitish Vijilance ... — | 99 1 79 | 10 6 44 | 21 1 23 | 23 6 30 | /// // | ///// | ///// | /// / // | | | 0// 22 | 12 6 58 | 30 2 01 | — |
| British Freedom ... ... | 99 1 79 | 10 6 40 | 21 1 03 | 01 0 07 | 99 0 00 | 14 4 23 | 00 9 00 | 33 1 04 | | | 0// 17 | 12 6 10 | 30 1 02 | 10 5 02 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface PoPoPo ToToTo DoDo | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTTa DD (At surface and Standard Isobaric Levels) | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 009 228 57 | ... | 500 154 58 | 132 084 59 | 582 009 58 | 752 191 60 | 959 347 59 | ... | ... | ... | — | ... | ... |
| Dacca ... | 00 00 | 009 224 59 | ... | 440 156 61 | 105 058 61 | 578 107 62 | 746 223 61 | 952 361 60 | 221 565 // | 400 663 // | 639 769 // | — | ... | — |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 007 223 5 | ... | 400 130 26 | 065 030 // | 571 145 // | 739 215 // | 946 351 // | 221 411 // | ... | ... | — | ... | ... |
| Multan ... | 00 00 | 996 150 59 | ... | 400 160 62 | 090 034 65 | 566 201 // | 735 261 // | ... | ... | ... | ... | — | ... | ... |
| Peshawar ... | 00 00 | 970 164 39 | ... | 400 120 56 | 063 026 52 | 570 135 45 | 736 251 54 | 939 391 // | 212 441 // | ... | ... | — | ... | ... |
| Quetta ... | 00 00 | 820 116 65 | ... | /// /// // | 102 058 // | 578 087 // | 748 161 // | 962 221 // | ... | — | ... | — | ... | — |
| Sargodha ... | 00 00 | 994 160 57 | ... | 450 114 58 | 057 000 56 | 567 161 // | 733 231 // | 939 331 // | 217 451 // | ... | — | — | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT Ta DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE PtTtPtTtTtTat | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 900 194 59 | 800 118 58 | 776 104 58 | 250 415 // | ... | ... | ... | ... | ... | ... | ... | — |
| Dacca ... | 00 00 | 900 200 61 | 800 116 41 | 610 090 60 | 600 007 60 | 350 391 60 | 264 431 // | ... | ... | — | 135 261 40 | ... | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | — | ... | ... | ... | ... | — | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | — | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 126 06 | 145 05 | 190 07 | | | ... | ... | ... | — |
| Bogra | 250 08 | 250 09 | 290 13 | 250 17 | 285 13 | 290 16 | 275 24 | 220 27 | 265 28 |
| Chaklala | ... | 265 06 | 215 05 | 185 06 | 200 61 | 135 05 | 065 06 | ... | — |
| Chhor | 295 10 | 235 11 | 230 17 | 235 19 | 250 21 | 290 25 | 180 21 | | ... |
| Chittagong | 280 04 | 020 02 | 005 01 | 310 02 | 300 05 | 275 18 | 280 18 | 270 20 | 275 23 |
| Cherat | ... | ... | ... | ... | | ... | ... | ... | ... |
| Cox's Bazar | 330 19 | 330 12 | 345 13 | 350 15 | 340 17 | 302 11 | 355 26 | ... | ... |
| Dacca | 295 02 | 255 04 | 255 05 | 260 09 | 265 15 | 290 17 | 290 24 | 280 25 | 280 33 |
| Dalbandin | ... | ... | 255 07 | 245 15 | 280 14 | 320 15 | ... | — | ... |
| D. I. Khan | 335 07 | 345 06 | 300 06 | 320 12 | 315 12 | 255 10 | ... | ... | ... |
| Drosh | ... | ... | — | 245 01 | 180 01 | ... | ... | ... | — |
| Fort Sandeman | ... | ... | ... | 045 19 | 090 25 | 030 01 | 320 09 | ... | ... |
| Gilgit | ... | — | ... | ... | ... | ... | ... | . | ... |
| Ishurdi | 265 06 | 270 10 | // // | 255 14 | 225 05 | 250 31 | ... | ... | ... |
| Jacobabad | 045 03 | 130 03 | 160 03 | 235 03 | 275 05 | 295 05 | 305 15 | 325 17 | 335 22 |
| Jessore | 255 05 | 250 06 | 250 06 | 245 07 | 265 09 | 270 21 | 270 41 | ... | ... |
| Jhelum | 335 05 | 290 10 | 315 06 | 315 20 | 335 19 | 340 10 | 060 04 | 065 12 | |
| Jiwani | 245 17 | 285 19 | 285 20 | 310 20 | 315 16 | 315 18 | 300 25 | 285 47 | 285 46 |
| Karachi | 355 18 | 280 10 | 265 13 | 255 12 | 265 17 | 260 18 | 285 27 | 270 26 | 270 41 |
| Khanpur | 175 06 | 190 07 | 190 09 | 175 06 | 125 03 | 300 06 | 085 06 | 305 07 | 305 14 |
| Khuzdar | ... | — | | 265 05 | 295 13 | 325 15 | 275 39 | 275 47 | ... |
| Lahore | 325 09 | 315 07 | 310 08 | 310 11 | 300 08 | 225 07 | 290 07 | .. | |
| Multan | 140 09 | 150 01 | 150 08 | 235 06 | 280 12 | 285 11 | 275 15 | 255 39 | 265 31 |
| Nawab Shah | 235 08 | 225 09 | 220 10 | 265 14 | 275 18 | 280 18 | 290 15 | 265 43 | 270 35 |
| Nokkundi | ... | ... | 340 16 | 340 10 | 345 21 | 135 26 | ... | — | — |
| Panjgur | ... | | | | ... | ... | | — | ... |
| Peshawar | ... | 145 03 | 050 02 | 265 06 | 195 04 | 315 05 | 220 04 | ... | |
| Parachinar | ... | .. | ... | .. | ... | | .. | — | ... |
| Quetta | ... | | | ... | 270 36 | 290 32 | 255 22 | ... | ... |
| Sargodha | 295 07 | 275 09 | 245 09 | 275 07 | ... | ... | ... | ... | .. |
| Skardu | ... | ... | ... | | | | | — | .. |
| Sylhet | 255 01 | 245 10 | /// // | 270 21 | 270 24 | 265 33 | 260 27 | .. | ... |
| Veraval | ... | ... | | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 355 07 | 340 04 | 010 02 | 355 01 | 350 10 | 215 09 |
| Bogra | 035 02 | 295 03 | 225 05 | 270 12 | 250 16 | 245 19 |
| Chaklala | ... | 065 07 | 060 10 | 075 03 | 175 03 | |
| Chhor | 250 19 | 265 10 | 245 07 | 315 08 | 290 10 | 280 18 |
| Chittagong | ... | ... | ... | .. | ... | ... |
| Cherat | ... | ... | — | | ... | ... |
| Cox's Bazar | | | ... | | | ... |
| Dacca | 065 02 | 340 01 | 305 02 | 305 04 | 305 13 | 225 13 |
| Dalbandin | ... | ... | 020 07 | 170 09 | 320 18 | 310 19 |
| D. I. Khan | 125 04 | 110 05 | 150 03 | 300 03 | 290 04 | 280 04 |
| Drosh | ... | — | ... | | | ... |
| Fort Sandeman | ... | ... | ... | 280 04 | 260 12 | 220 27 |
| Gilgit | ... | | ... | | ... | |
| Ishurdi | 050 07 | 030 05 | 350 03 | 230 07 | 280 17 | 285 17 |
| Jacobabad | 110 05 | 110 03 | 050 02 | 005 01 | 330 04 | 350 06 |
| Jessore | 315 06 | 315 07 | 285 06 | 180 02 | 220 02 | 265 15 |
| Jhelum | 315 04 | 045 08 | 005 08 | 070 12 | /// // | 070 12 |
| Jiwani | 220 02 | 230 12 | 330 11 | 310 09 | 305 13 | 295 12 |
| Karachi | ... | ... | | | | ... |
| Khanpur | 340 11 | 345 11 | 345 05 | 305 10 | 205 02 | 275 11 |
| Khuzdar | ... | ... | | 310 10 | 315 12 | 305 15 |
| Lahore | 085 05 | 010 05 | 340 06 | 340 09 | 345 10 | |
| Multan | 145 05 | 155 06 | 140 04 | 175 04 | 260 09 | 285 15 |
| Nawab Shah | 035 14 | 020 09 | 360 10 | 340 20 | 330 28 | 325 29 |
| Nokkundi | .. | .. | 310 06 | 325 05 | 345 07 | 005 09 |
| Panjgur | ... | .. | | ... | | ... |
| Peshawar | ... | 290 12 | 345 19 | 300 07 | 200 25 | 350 12 |
| Parachinar | ... | ... | ... | 285 03 | 175 02 | ... |
| Quetta | ... | ... | | ... | ... | ... |
| Sargodha | 290 07 | 290 06 | 280 07 | 295 04 | 275 11 | 270 19 |
| Skardu | .. | ... | | ... | ... | ... |
| Sylhet | 305 10 | 020 06 | 345 03 | 235 09 | 225 20 | 235 17 |
| Veraval | . | ... | .. | — | ... | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 245 06 | 295 04 | 295 03 | 305 09 | 305 12 | 235 21 | 350 27 | 335 50 | 340 55 | | |
| Bogra | 250 03 | 235 05 | 235 08 | 225 51 | 280 15 | 240 15 | 260 59 | 265 29 | 265 24 | 265 35 | 265 39 |
| Chaklala | ... | 215 03 | 170 02 | 160 03 | 115 05 | 050 07 | 010 17 | | | ... | — |
| Chhor | 170 01 | 060 03 | 025 06 | 340 15 | 345 09 | 310 08 | 305 18 | 315 39 | 310 52 | .. | .. |
| Chittagong | 350 03 | 300 03 | 255 04 | 260 04 | 175 02 | 195 15 | 240 48 | 235 21 | 235 21 | 235 28 | 245 41 |
| Cherat | ... | ... | ... | ... | | ... | ... | | | | . |
| Cox's Bazar | 320 06 | 340 09 | 340 10 | 335 08 | 290 25 | 225 02 | 230 12 | 200 24 | 225 28 | 255 20 | .. |
| Dacca | 305 02 | 295 03 | 245 03 | 260 03 | 260 07 | 295 15 | 260 21 | 250 24 | 260 26 | 265 31 | 265 38 |
| Dalbandin | — | ... | 090 05 | 040 11 | 335 16 | 325 23 | 300 26 | 305 38 | 315 45 | 315 51 | |
| D. I. Khan | 285 08 | 320 11 | 320 10 | 350 03 | 295 08 | 255 06 | 315 08 | 325 11 | 320 09 | 325 47 | 310 36 |
| Drosh | ... | .. | — | ... | .. | | | | ... | ... | ... |
| Fort Sandeman | .. | .. | — | 325 06 | 320 05 | 235 10 | 325 45 | 325 31 | . | . | ... |
| Gilgit | ... | ... | ... | ... | | | .. | | ... | | |
| Ishurdi | 035 07 | 035 03 | 085 01 | 265 06 | 240 08 | 235 12 | ... | | ... | .. | |
| Jacobabad | 105 02 | 305 04 | 335 06 | 350 15 | 360 15 | 290 03 | 315 15 | 325 30 | 320 31 | 315 43 | 305 63 |
| Jessore | 225 02 | 230 04 | 245 03 | 280 09 | 300 17 | 270 18 | | ... | ... | | .. |
| Jhelum | 330 01 | 055 04 | 140 04 | 130 04 | 190 04 | 100 07 | 250 04 | 215 06 | 330 07 | 280 31 | 270 15 |
| Jiwani | 115 08 | 085 15 | 085 15 | 005 07 | 015 07 | 005 08 | 300 12 | 300 15 | 305 28 | 300 27 | 300 37 |
| Karachi | 320 04 | 010 08 | 005 10 | 040 06 | 350 08 | 305 12 | 320 45 | 300 56 | ... | | .. |
| Khanpur | 015 08 | 035 08 | 020 06 | 040 07 | 360 08 | 330 15 | 305 10 | 270 11 | 235 14 | 330 17 | 340 29 |
| Khuzdar | .. | — | — | 010 07 | 335 05 | 320 15 | 310 35 | 310 37 | 315 33 | - | . |
| Lahore | /// // | /// // | /// // | 320 09 | 295 10 | /// // | 300 15 | | | | ... |
| Multan | 165 05 | 165 04 | 175 05 | 225 06 | 280 08 | 285 12 | 290 14 | 310 37 | 325 47 | 325 51 | 315 67 |
| Nawab Shah | 355 08 | 350 13 | 345 14 | 335 15 | 325 10 | 290 15 | 300 39 | 275 56 | 285 31 | .. | ... |
| Nokkundi | ... | ... | 190 08 | 225 15 | 120 05 | 255 03 | ... | | .. | .. | ... |
| Panjgur | ... | | | ... | ... | ... | | | .. | | ... |
| Peshawar | ... | 355 03 | 335 07 | 345 01 | 305 04 | 295 05 | 275 07 | | ... | | |
| Parachinar | ... | ... | — | 285 01 | 195 03 | 320 23 | 345 13 | 320 25 | 335 32 | 300 37 | 320 53 |
| Quetta | ... | ... | ... | — | 280 12 | 290 27 | 310 21 | 300 25 | 315 27 | . | — |
| Sargodha | ... | ... | ... | ... | ... | — | ... | ... | ... | .. | .. |
| Skardu | | | | — | 015 01 | ... | | | | | ... |
| Sylhet | 115 09 | 105 06 | 170 04 | 255 07 | 285 12 | 245 12 | 305 28 | 240 37 | 265 31 | 265 56 | ... |
| Veraval | ... | ... | ... | — | ... | — | — | ... | — | ... | ... |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 42.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 295 15 | 285 14 | 230 13 | 320 12 | 320 11 | 335 15 | 300 39 | 290 48 | 295 54 | ... | — | — | ... | ... | — | ... | — | — |
| Multan ... | 150 12 | 185 10 | 185 11 | 260 10 | 310 15 | 310 14 | 320 21 | 300 29 | 300 29 | 295 16 | 300 18 | ... | ... | — | ... | ... | — | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

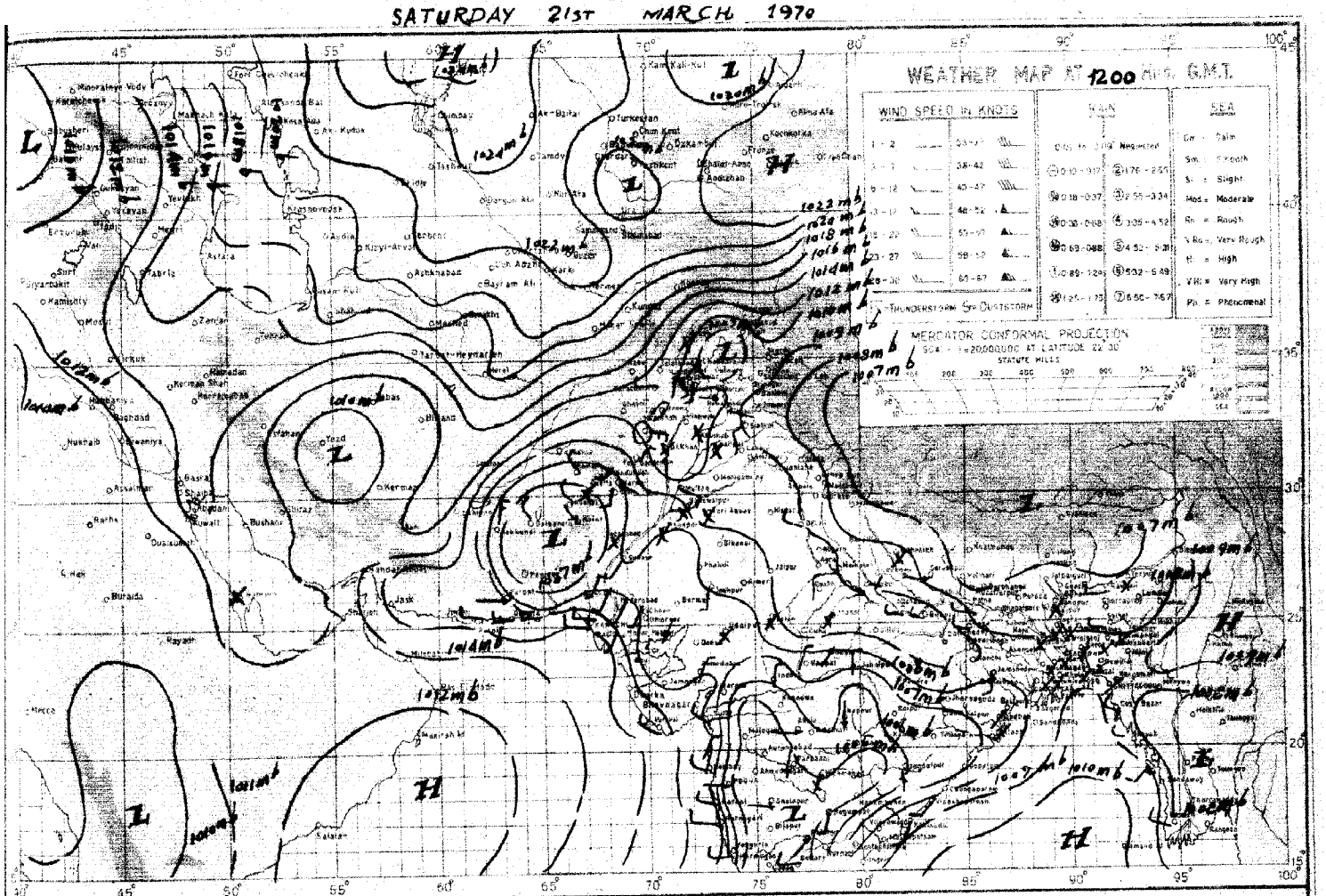
† The actual time of observations may vary within half an hour of the specified time.

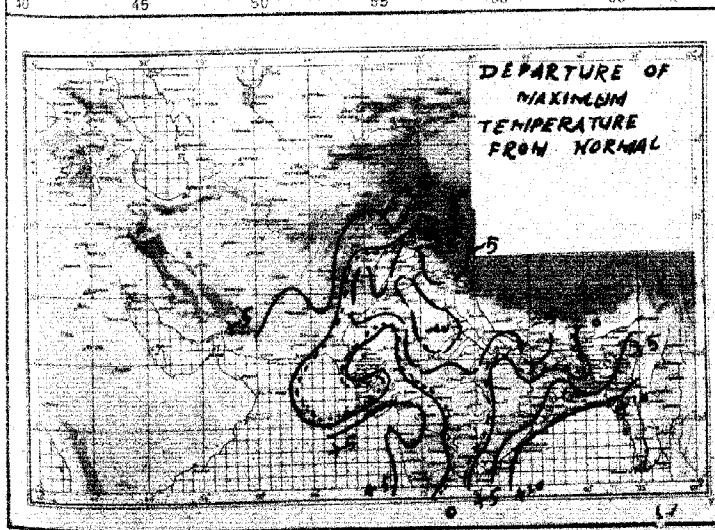
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

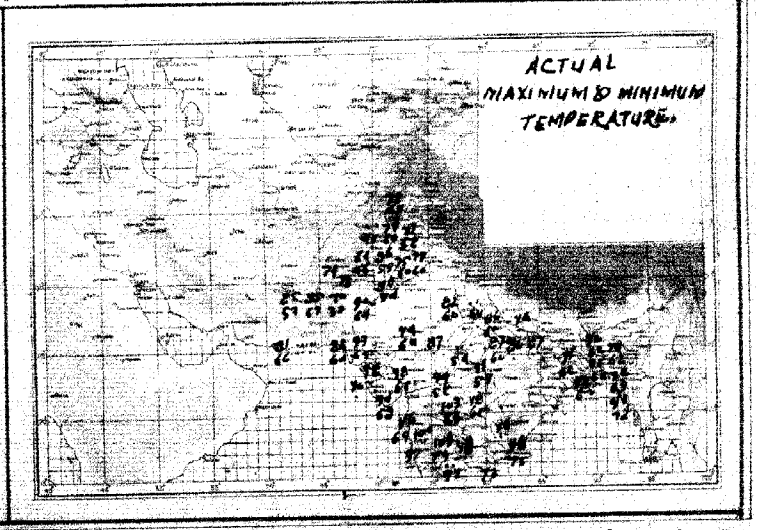
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port KARACHI—1)

# PAKISTAN DAILY WEATHER MAP

SATURDAY 21ST MARCH 1970



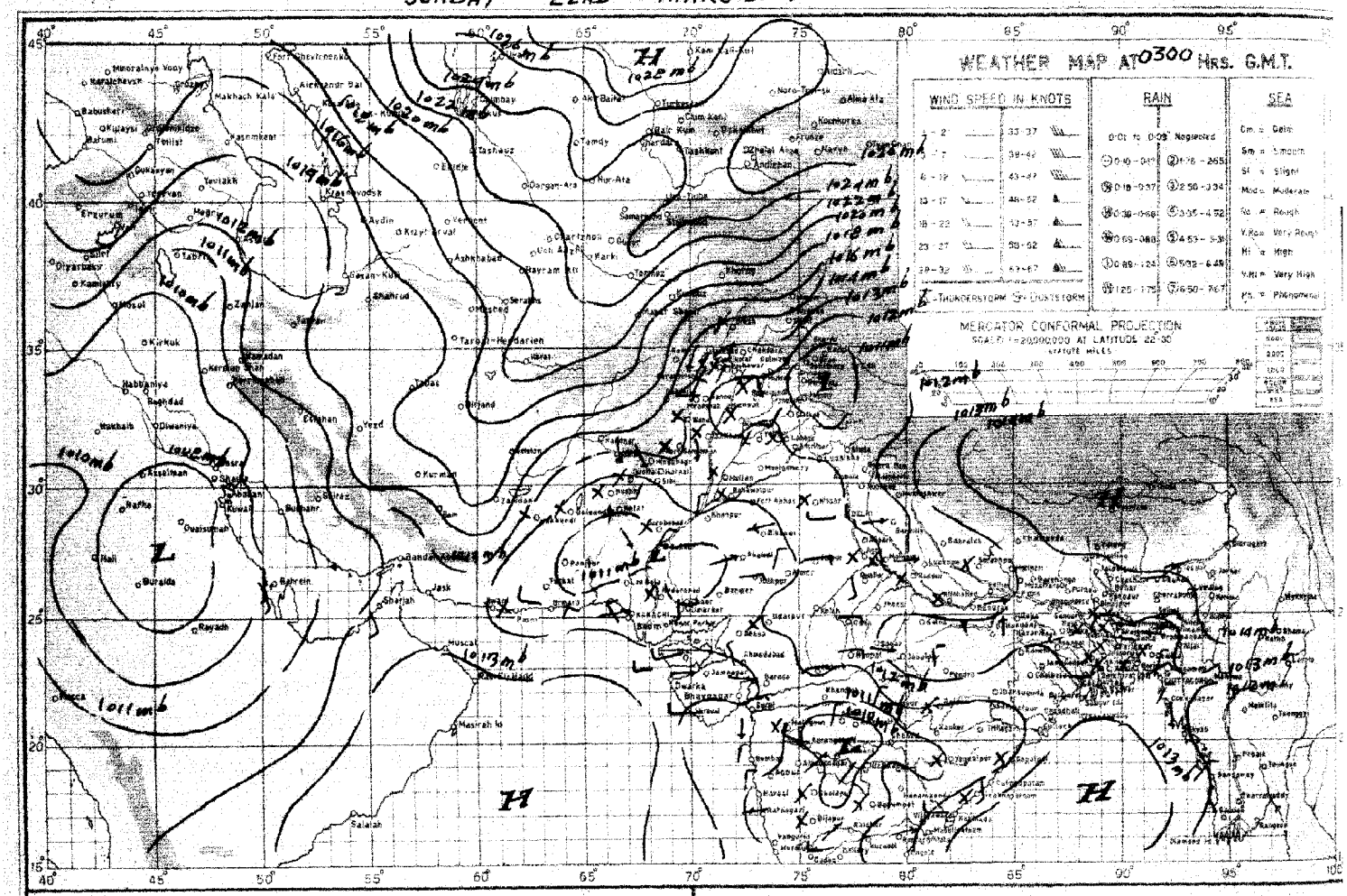



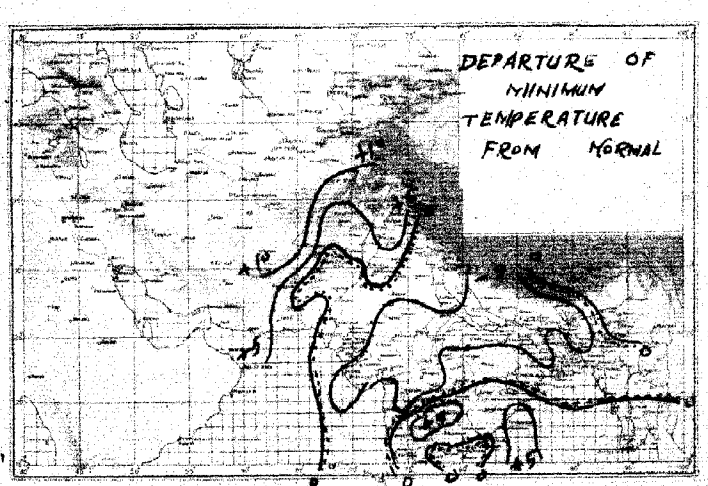



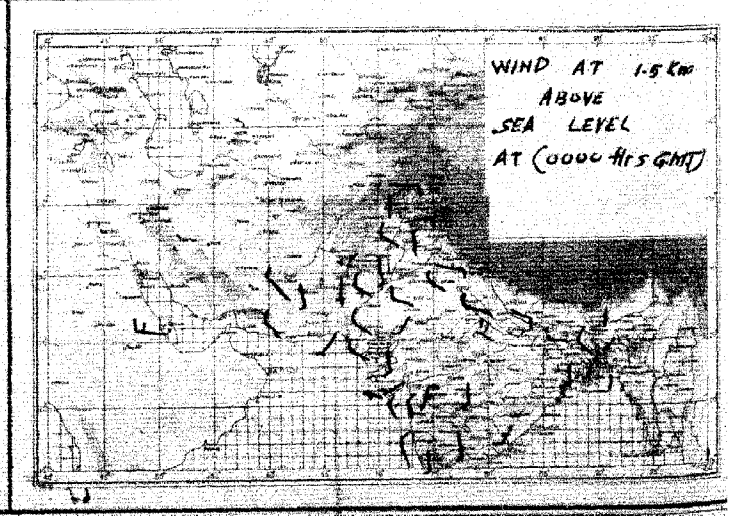

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 22ND MARCH 1970



# PAKISTAN DAILY WEATHER REPORT

**MONDAY THE 23rd MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | d $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong — | 00 00 | 007 200 33 | ... | 480 146 62 | 096 042 60 | 575 135 65 | 741 241 42 | 945 365 62 | 214 561 / / | ... | ... | — | ... | — |
| Dacca — | 00 00 | 008 260 80 | ... | 425 162 25 | 100 042 61 | 576 133 62 | 742 239 60 | 942 381 59 | 217 531 / / | 392 623 / / | — | — | ... | — |
| Gilgit — | | | | | | | | | | | | | | |
| Jiwani — | | | | | | | | | | | | | | |
| Karachi — | 00 00 | 008 204 25 | ... | 350 139 25 | 082 034 18 | 572 125 / / | 789 231 / / | 946 331 / / | 225 435 / / | ... | ... | — | ... | — |
| Multan — | 00 00 | 998 140 40 | ... | 450 156 30 | 126 076 / / | 058 071 / / | 754 156 / / | ... | ... | ... | ... | — | ... | ... |
| Peshawar — | 00 00 | 971 183 41 | ... | 401 080 40 | 043 201 / / | ... | ... | 942 328 / / | 219 451 / / | ... | ... | — | — | ... |
| Quetta — | 00 00 | MISDA | — | | | | | | | — | ... | — | ... | — |
| Sargodha — | 00 00 | 994 160 62 | ... | 415 144 60 | 003 024 40 | 563 155 / / | 729 23 / / | 934 351 / / | 211 451 / / | ... | — | — | ... | — |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong — | 00 00 | 900 194 64 | 800 096 61 | 600 037 62 | 350 321 61 | 250 762 21 | ... | ... | ... | ... | ... | ... | — |
| Dacca — | 00 00 | 900 196 63 | 800 118 60 | 600 027 61 | 350 311 60 | ... | ... | ... | — | — | ... | ... | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | — | ... | ... | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | — | ... | ... | — | ... | ... | — | ... | — |
| Peshawar — | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | — | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | — | ... | ... | ... | — | ... | — | — | ... | — |
| Sargodha — | 00 00 | ... | ... | ... | ... | ... | — | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal — | ... | ... | ... | ... | ... | ... | ... | ... | — |
| Bogra — | 285 07 | 240 12 | 260 15 | 245 15 | 285 10 | 280 19 | 260 29 | 270 37 | — |
| Chaklala — | ... | 240 04 | 310 05 | 330 03 | 010 03 | 345 03 | 280 05 | 330 13 | 335 24 |
| Chhor — | 020 01 | 020 02 | 345 03 | 300 07 | 290 07 | 325 18 | 345 27 | 301 23 | 360 33 |
| Chittagong — | 265 13 | 290 10 | 310 06 | 110 04 | 150 05 | 255 09 | 240 17 | 325 22 | 255 54 |
| Cherat — | | | | | | | | | ... |
| Cox's Bazar — | 310 12 | 310 18 | 310 21 | 315 24 | 315 25 | 305 34 | 025 03 | 010 04 | ... |
| Dacca — | 325 05 | 200 05 | 290 06 | 280 08 | 280 10 | 260 12 | 270 34 | 270 42 | 270 43 |
| Dalbandin — | — | — | 100 05 | 140 07 | 060 03 | 330 09 | 190 31 | 295 34 | — |
| D. I. Khan — | 335 06 | 310 08 | 330 17 | 010 04 | 310 18 | 330 08 | ... | ... | ... |
| Drosh — | ... | ... | ... | 240 10 | | | | | |
| Fort Sandeman — | ... | ... | ... | 265 03 | 295 05 | 320 07 | 335 11 | 305 06 | 305 33 |
| Gilgit — | ... | ... | ... | 220 12 | ... | ... | ... | | ... |
| Ishurdi — | | | | | | | | | ... |
| Jacobabad — | 340 03 | 360 02 | 260 03 | 280 41 | 240 10 | 240 10 | 315 05 | 350 07 | ... |
| Jessore — | 250 09 | 240 09 | 275 04 | 265 08 | 265 08 | 270 15 | 260 30 | ... | ... |
| Jhelum — | 100 04 | 300 01 | 225 01 | 315 11 | 315 12 | 305 06 | 240 21 | 300 06 | 320 10 |
| Jiwani — | 135 13 | 125 16 | 125 13 | 080 05 | 360 11 | 355 14 | 325 17 | 300 21 | 295 20 |
| Karachi — | 280 06 | 020 06 | 335 06 | 305 07 | 305 08 | 310 15 | 325 39 | 330 20 | 325 30 |
| Khanpur — | 050 23 | 040 09 | 040 10 | 030 18 | 030 08 | 230 08 | 325 11 | 335 12 | 315 25 |
| Khuzdar — | ... | ... | | | ... | | | | |
| Lahore — | 285 08 | 290 09 | 290 10 | 295 08 | 305 12 | 285 15 | 215 17 | 275 10 | 355 09 |
| Multan — | 070 06 | 050 04 | 050 03 | 330 06 | 300 10 | 320 07 | 320 39 | 315 37 | 310 49 |
| Nawab Shah — | 345 05 | 345 06 | 295 09 | 335 05 | 327 19 | 315 09 | 328 20 | 340 27 | 325 25 |
| Nokkundi — | ... | ... | 020 12 | 035 05 | 125 10 | 132 05 | 220 09 | 250 06 | 260 70 |
| Panjgur — | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar — | ... | 110 04 | 150 04 | 230 04 | 255 09 | 295 17 | 330 02 | 330 20 | 330 22 |
| Parachinar — | ... | ... | ... | 095 04 | 165 05 | 310 23 | 345 19 | ... | ... |
| Quetta — | ... | ... | ... | ... | 285 12 | 320 07 | 310 17 | 300 20 | 315 44 |
| Sargodha — | 355 04 | 280 04 | 285 07 | 300 06 | 280 09 | 285 11 | 280 15 | 335 20 | 330 34 |
| Skardu — | | | | 220 10 | 265 20 | | | | |
| Sylhet — | 265 11 | 260 09 | 260 09 | 240 06 | 290 07 | 275 13 | 260 24 | 352 71 | 250 31 |
| Veraval — | — | — | — | — | — | — | — | — | — |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal — | | | | | | |
| Bogra — | 280 10 | 280 02 | 290 12 | 300 05 | 310 05 | 320 05 |
| Chaklala — | ... | 050 04 | 255 03 | 290 03 | 320 03 | 330 04 |
| Chhor — | 024 12 | 028 08 | 325 17 | 295 14 | 310 19 | 230 14 |
| Chittagong — | ... | ... | ... | ... | ... | ... |
| Cherat — | ... | ... | ... | | ... | ... |
| Cox's Bazar — | 335 04 | 335 07 | 325 17 | 350 14 | 020 12 | ... |
| Dacca — | 225 04 | 255 06 | 255 04 | ... | | ... |
| Dalbandin — | | | 070 06 | 070 56 | 270 06 | 300 11 |
| D. I. Khan — | 140 05 | 125 05 | 135 08 | 165 02 | 270 03 | 290 05 |
| Drosh — | ... | ... | ... | 110 02 | 085 02 | 055 02 |
| Fort Sandeman — | ... | ... | ... | 220 01 | 290 08 | 285 16 |
| Gilgit — | | | | | | |
| Ishurdi — | 230 11 | 235 09 | 345 09 | 250 11 | 260 23 | 255 39 |
| Jacobabad — | 130 09 | 150 06 | 185 05 | 275 03 | 310 03 | 265 67 |
| Jessore — | 240 16 | 245 16 | 245 15 | 225 10 | 215 06 | 265 35 |
| Jhelum — | 275 02 | 230 02 | 330 04 | 310 07 | 330 11 | 330 23 |
| Jiwani — | 060 04 | 285 03 | 230 03 | — | — | — |
| Karachi — | ... | | | | | ... |
| Khanpur — | 015 04 | 015 06 | 035 04 | 140 08 | 255 05 | 300 17 |
| Khuzdar — | | | | 325 05 | 330 14 | |
| Lahore — | 005 06 | 350 07 | 340 08 | 355 12 | 340 11 | 335 12 |
| Multan — | 135 07 | 170 01 | 270 03 | 285 05 | 290 07 | 335 12 |
| Nawab Shah — | 030 07 | 035 07 | 336 04 | 330 04 | 300 14 | 330 14 |
| Nokkundi — | ... | ... | 110 15 | 160 11 | 195 11 | 210 08 |
| Panjgur — | ... | | | | | |
| Peshawar — | ... | 270 01 | 278 02 | 275 03 | 280 03 | 305 01 |
| Parachinar — | ... | ... | ... | 240 05 | 095 06 | |
| Quetta — | ... | | | | 280 06 | 370 12 |
| Sargodha — | 260 05 | 285 04 | 285 05 | 320 05 | 335 08 | 335 07 |
| Skardu — | | | | | | |
| Sylhet — | 120 05 | 140 02 | 285 02 | 285 08 | ... | ... |
| Veraval — | — | — | — | — | — | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal — | 335 05 | 340 09 | 340 10 | 195 09 | 285 09 | 300 21 | — | ... | ... | ... | ... |
| Bogra — | 160 05 | 190 04 | 200 07 | 230 18 | 230 16 | 250 17 | | | | ... | — |
| Chaklala — | ... | 210 03 | 255 04 | 310 07 | 305 71 | 295 97 | 350 04 | 005 05 | 345 14 | ... | ... |
| Chhor — | 040 03 | 025 06 | 005 07 | 355 09 | 240 12 | 345 12 | 330 15 | 315 35 | | ... | ... |
| Chittagong — | 270 14 | 300 09 | 305 09 | 315 08 | 270 09 | 285 12 | 280 11 | 315 14 | 215 23 | 220 22 | 220 58 |
| Cherat — | | | | ... | | ... | | | | | |
| Cox's Bazar — | 305 15 | 330 13 | 340 19 | 360 16 | 010 21 | 020 21 | ... | ... | ... | | ... |
| Dacca — | 250 11 | 240 12 | 240 20 | 225 18 | 215 21 | 260 18 | 310 32 | 290 30 | 260 21 | 275 35 | ... |
| Dalbandin — | — | ... | 075 07 | 195 06 | 220 10 | 265 11 | 260 16 | 275 29 | 275 33 | 270 41 | ... |
| D. I. Khan — | 105 01 | 095 03 | 050 09 | 015 01 | 210 04 | 290 05 | 270 16 | 320 01 | 315 15 | 330 21 | 305 17 |
| Drosh — | ... | ... | ... | ... | | | | | ... | ... | ... |
| Fort Sandeman — | ... | ... | ... | 229 03 | 220 09 | 269 11 | 289 10 | 289 19 | ... | ... | ... |
| Gilgit — | | | | | | | | | | | |
| Ishurdi — | 215 05 | 255 08 | 218 23 | 210 17 | 245 33 | 245 21 | ... | | ... | ... | ... |
| Jacobabad — | 155 13 | 155 11 | 170 07 | 336 25 | 315 02 | 240 03 | 305 23 | 310 17 | 325 10 | ... | ... |
| Jessore — | 245 06 | 240 07 | 230 08 | 215 12 | 220 21 | 220 26 | | | ... | ... | ... |
| Jhelum — | 270 02 | 275 03 | 325 07 | 310 07 | 300 06 | 315 07 | 305 23 | 325 26 | 310 45 | 315 43 | ... |
| Jiwani — | 110 03 | 180 05 | 175 08 | 245 02 | 020 03 | 300 05 | 285 11 | 270 16 | 265 20 | 270 39 | 275 25 |
| Karachi — | 245 02 | 196 03 | 315 04 | 266 15 | 300 06 | 310 07 | 345 06 | 320 72 | 335 16 | .. | ... |
| Khanpur — | /// // | /// // | /// // | 155 04 | /// // | 110 05 | /// // | 285 08 | // // | 190 03 | ... |
| Khuzdar — | | | | 340 03 | 325 07 | 305 11 | 305 14 | 190 33 | 340 37 | 275 52 | ... |
| Lahore — | 315 06 | 330 04 | 330 07 | 330 11 | 320 11 | 325 11 | 330 13 | 320 09 | 345 11 | .. | ... |
| Multan — | 200 09 | 190 10 | 195 06 | 230 07 | 275 09 | ... | | | .. | . | ... |
| Nawab Shah — | 085 03 | 355 02 | 260 05 | 290 06 | 315 09 | 330 10 | 310 10 | 305 36 | 315 43 | . | ... |
| Nokkundi — | ... | ... | 130 06 | 135 10 | 220 08 | 220 04 | 280 27 | 270 38 | 355 35 | | |
| Panjgur — | ... | | | | | | | | | | ... |
| Peshawar — | . | 055 02 | 030 03 | 350 03 | 280 04 | 270 08 | 290 14 | 320 07 | 300 33 | 300 49 | 295 85 |
| Parachinar — | ... | ... | — | ... | 250 03 | 320 03 | 230 38 | 310 29 | 295 32 | 295 45 | 285 28 |
| Quetta — | ... | | | — | 360 03 | 270 04 | 290 04 | 295 16 | 295 18 | | — |
| Sargodha — | 300 03 | 290 04 | 290 06 | 230 03 | 305 04 | 310 10 | 322 57 | 330 22 | 310 37 | 315 39 | 320 60 |
| Skardu — | | | | | | | | | | | |
| Sylhet — | 225 05 | 270 01 | 250 05 | 255 15 | 260 16 | ... | ... | ... | ... | ... | ... |
| Veraval — | — | — | — | ... | ... | ... | — | ... | | ... | — |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong — | | | | | | | | | | | | | | | | | | |
| Dacca — | | | | | | | | | | | | | | | | | | |
| Gilgit — | | | | | | | | | | | | | | | | | | |
| Jiwani — | | | | | | | | | | | | | | | | | | |
| Karachi — | 350 04 | 230 09 | 310 08 | 180 07 | 332 13 | 385 13 | 338 15 | 330 27 | 300 29 | 316 31 | 310 85 | ... | ... | ... | ... | ... | ... | — |
| 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
Te—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

The accuracy of individual entries in this report cannot be guaranteed. Corrections supplied, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

MONDAY THE 23rd MARCH, 1970.

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's western disturbance over northern divisions of West Pakistan moved away.

A westerly low pressure wave is moving across West Bengal and adjoining East Pakistan.

Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) below normal in Multan and Kalat divisions and to the same extent above normal in Lahore, Rawalpindi, Malakand, Peshawar, Quetta, Hyderabad and Khairpur divisions.

**Forecast valid until the evening of 24th March 1970 :**— Local thunderstorms/showers with squally winds are likely to occur in Dacca, Khulna and Rajshahi divisions and scattered in Chittagong division. Dry weather is likely to prevail over West Pakistan.

**Earthpuake Report:**- Seismograph of geophysical centre Quetta recorded an earthquake of moderate intensity on 23rd March 1970 at 0600 Hrs. 55 minutes W.P.S.T. The epicentre lies about 650 miles south east of Quetta near western India.

Karachi-11
The 23rd March, 1970.

## OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

**At 12 Hrs. G.M.T. of Previous day**

| DIVISIONS | STATIONS | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 080 | 0 | 2 | 03 | 03 | 95 | 04 | 0 | 083 | 80 | 0 | 0 | 9 | 0 | 8 | 68 | 98 |
| | Cox's Bazar | 000 | 0 | 0 | 31 | 06 | 94 | 02 | 0 | 085 | 86 | 0 | 0 | 9 | 0 | 0 | 67 | 91 |
| | Chittagong | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 082 | 93 | 0 | 0 | 9 | 0 | 0 | 63 | 95 |
| | Maijdee Court | 080 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 084 | 87 | 0 | 0 | 9 | 0 | 0 | 80 | 95 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 082 | 90 | 0 | 0 | 9 | 0 | 0 | 59 | 93 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 081 | 90 | 0 | 0 | 9 | 0 | 0 | 70 | 95 |
| | Sylhet | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 078 | 86 | 0 | 0 | 9 | 0 | 0 | 54 | 93 |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 083 | 86 | 0 | 0 | 9 | 0 | 0 | 51 | 95 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 086 | 85 | 0 | 0 | 9 | 0 | 0 | 60 | 95 |
| | Narayanganj | 000 | 0 | 0 | 00 | 00 | 93 | 00 | 0 | 076 | 91 | 0 | 0 | 9 | 0 | 0 | 63 | 93 |
| | Dacca (Tejgaon) | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 078 | 91 | 0 | 0 | 9 | 0 | 0 | 49 | 96 |
| | Faridpur | 000 | 0 | 0 | 34 | 02 | 97 | 00 | 0 | 053 | 90 | 0 | 0 | 9 | 0 | 0 | 59 | 95 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| | Khulna | 008 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 081 | 91 | 0 | 0 | 9 | 0 | 0 | 68 | 98 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 080 | 90 | 0 | 0 | 9 | 0 | 0 | 64 | 95 |
| | Jessore | 000 | 0 | 0 | 26 | 05 | 97 | 02 | 0 | 077 | 91 | 0 | 0 | 9 | 0 | 0 | 56 | 96 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 072 | 91 | 0 | 0 | 9 | 0 | 0 | 58 | 95 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 080 | 81 | 0 | 0 | 9 | 0 | 0 | 59 | 93 |
| | Rajshahi | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 081 | 90 | 0 | 0 | 9 | 0 | 0 | 70 | 93 |
| | Bogra | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 075 | 90 | 0 | 0 | 9 | 0 | 0 | 49 | 95 |
| | Dinajpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 074 | 93 | 0 | 0 | 0 | 0 | 0 | 63 | 94 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 046 | 79 | 0 | 0 | 9 | 0 | 0 | 70 | 96 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 29 | 03 | 96 | 02 | 1 | 104 | 80 | 0 | 6 | 9 | 0 | 0 | 51 | 82 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 106 | 85 | 0 | 0 | 9 | 0 | 0 | 51 | 90 |
| Rawalpindi | Jhelum | 000 | 0 | 1 | 13 | 02 | 98 | 01 | 0 | 097 | 82 | 1 | 1 | 7 | 0 | 0 | 54 | 84 |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rawalpindi | 000 | 0 | 1 | 00 | 00 | 99 | 00 | 0 | 105 | 78 | 1 | 2 | 8 | 0 | 0 | 51 | 80 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sargodha | 000 | 0 | 1 | 23 | 03 | 98 | 02 | 0 | 100 | 85 | 1 | 1 | 6 | 0 | 1 | 49 | 85 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 101 | 82 | 0 | 0 | 9 | 0 | 0 | // | 85 |
| Multan | Sahiwal | 000 | 0 | 3 | 05 | 02 | 97 | 03 | 0 | 096 | 86 | 0 | 0 | 9 | 0 | 1 | 41 | 90 |
| | Multan | 002 | 0 | 0 | 36 | 00 | 94 | 00 | 0 | 128 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 82 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 086 | 90 | 0 | 0 | 9 | 0 | 0 | 38 | 91 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 1 | 106 | 84 | 0 | 0 | 9 | 0 | 0 | 52 | 90 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 68 | 87 |
| Malakand | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... |
| Peshawar | Peshawar | 000 | 0 | 3 | 09 | 03 | 97 | 03 | 0 | 099 | 80 | 1 | 1 | 6 | 0 | 1 | 37 | 81 |
| | Haripur | 000 | 0 | 0 | 23 | 03 | 98 | 00 | 0 | 159 | 76 | 0 | 0 | 9 | 0 | 0 | 38 | 77 |
| D. I. Khan | Bannu | 000 | 0 | 4 | 13 | 02 | 99 | 02 | 1 | 078 | 80 | 0 | 0 | 9 | 4 | 5 | 47 | 85 |
| | D. I. Khan | 000 | 0 | 2 | 08 | 05 | 97 | 07 | 0 | 096 | 85 | 0 | 0 | 9 | 0 | 0 | 64 | 86 |
| Quetta | Sibi | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 1 | 102 | 81 | 0 | 0 | 9 | 4 | 2 | 48 | 82 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 073 | 86 | 0 | 0 | 9 | 0 | 7 | 82 | 86 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 113 | 99 | 0 | 0 | 9 | 0 | 0 | 39 | 99 |
| | Jiwani | 000 | 0 | 0 | 20 | 07 | 98 | 02 | 0 | 094 | 85 | 0 | 0 | 9 | 0 | 0 | 58 | 87 |
| | Pasni | 000 | 0 | 0 | 29 | 10 | 97 | 01 | 0 | 091 | 86 | 0 | 0 | 0 | 0 | 0 | 77 | 88 |
| Karachi division | Ormara | 000 | 0 | 0 | 36 | 08 | 97 | 02 | 0 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 30 | 96 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 2 | 27 | 07 | 97 | 03 | 0 | 101 | 77 | 0 | 0 | 9 | 0 | 1 | 72 | 80 |
| | Karachi (Airport) | 000 | 0 | 1 | 27 | 05 | 96 | 02 | 0 | 085 | 83 | 0 | 0 | 9 | 0 | 1 | 67 | 89 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 150 | 88 | 0 | 0 | 9 | 0 | 0 | 68 | 92 |
| | Chhor | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 076 | 94 | 0 | 0 | 9 | 0 | 1 | 42 | 96 |
| | Hyderabad | 000 | 0 | 6 | 36 | 03 | 97 | 03 | 1 | 088 | 93 | 0 | 0 | 9 | 2 | 1 | 61 | 94 |
| | Badin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 87 | 0 | 0 | 9 | 0 | 0 | // | 84 |
| Khairpur | Padidan | 000 | 0 | 0 | 36 | 08 | 98 | 05 | 0 | 091 | 89 | 0 | 0 | 9 | 0 | 5 | 44 | 91 |
| | Nawabshah | 000 | 0 | 0 | 36 | 09 | 95 | 06 | 0 | 094 | 92 | 0 | 0 | 9 | 0 | 0 | 65 | 94 |
| | Sukkur | 000 | 0 | 0 | 31 | 03 | 95 | 05 | 4 | /// | // | 2 | 0 | 9 | 0 | 0 | 56 | 92 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 083 | 92 | 5 | 0 | 9 | 3 | 0 | 71 | 93 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 0 | /// | 73 | 2 | 9 | 7 | 1 | 0 | // | 73 |
| Malakand | Drosh * | 000 | 0 | 0 | 23 | 03 | 98 | 01 | 0 | 470 | // | 3 | 1 | 7 | 0 | 0 | 38 | 76 |
| Peshawar | Cherat * | 000 | 0 | 0 | 19 | 03 | 98 | 02 | 0 | 502 | 67 | 0 | 0 | 9 | 0 | 0 | 47 | 70 |
| | Kakul * | 000 | 0 | 4 | 31 | 02 | 97 | 01 | 1 | 497 | 64 | 1 | 3 | 6 | 4 | 0 | 40 | 67 |
| | Landikotal * | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 0 | 492 | 72 | 4 | 3 | 7 | 0 | 0 | 58 | 73 |
| | Parachinar * | 000 | 0 | 3 | 16 | 05 | 98 | 03 | 1 | 498 | 63 | 3 | 2 | 7 | 0 | 3 | 34 | 64 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 529 | 73 | 0 | 0 | 9 | 0 | 0 | 40 | 72 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 473 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 63 |
| Quetta | Fort Sandeman * | 000 | 0 | 2 | 13 | 02 | 97 | 02 | 0 | 487 | 71 | 0 | 0 | 9 | 0 | 1 | 26 | 72 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 12 | 97 | 03 | 0 | /// | 67 | 0 | 0 | 9 | 0 | 5 | 33 | 68 |
| | Loralai * | 000 | 0 | 0 | 33 | 07 | 97 | 00 | 0 | 480 | 64 | 0 | 0 | 9 | 0 | 0 | 41 | 65 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 478 | 79 | 0 | 0 | 9 | 0 | 0 | 39 | 81 |
| | Samungli (Quetta) * | 000 | 0 | 4 | 27 | 03 | 97 | 03 | 1 | 501 | 67 | 4 | 0 | 9 | 0 | 4 | 35 | 69 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 482 | 73 | 0 | 0 | 9 | 0 | 0 | 49 | 75 |
| | Nushki * | 000 | 0 | 2 | 31 | 03 | 91 | 03 | 1 | 555 | 77 | 0 | 0 | 9 | 0 | 0 | 39 | 82 |
| | Dalbandin * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 499 | 61 | 0 | 0 | 9 | 0 | 0 | 32 | 65 |
| | Khuzdar * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 2 | 479 | 79 | 2 | 0 | 9 | 2 | 4 | 31 | 81 |
| | Panjgur * | | | | | | | | | | | | | | | | | |

**At 0300 Hrs. G. M. T. of date; Departure from Normal of; Rainfall**

| DIVISIONS | STATIONS | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 0 | 27 | 02 | 95 | 04 | 0 | 129 | 84 | 0 | 0 | 9 | 0 | 0 | 69 | 69 | — | — | 4.0 | — | 2.4 | - |
| | Cox's Bazar | 300 | 0 | 0 | 05 | 04 | 96 | 02 | 0 | 119 | 81 | 0 | 0 | 9 | 0 | 0 | 69 | 68 | + 4 | — 1 | 0.9 | — 4.9 | 0.3 | 140 |
| | Chittagong | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 0 | 120 | 79 | 0 | 0 | 9 | 0 | 0 | 67 | 65 | + 8 | — 5 | 1.4 | — 4.1 | 0.6 | 108 |
| | Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 120 | // | 0 | 0 | 8 | 0 | 0 | 62 | 62 | + 8 | — 10 | 3.6 | — 1.1 | 3.3 | 115 |
| | Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 121 | 79 | 0 | 0 | 9 | 3 | 0 | 60 | 64 | + 2 | — 6 | 2.2 | — 3.1 | 1.7 | 94 |
| | Brahmanbaria | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 114 | 82 | 6 | 0 | 9 | 0 | 2 | 69 | 65 | — | — | 2.5 | — 2.4 | 1.2 | 78 |
| | Sylhet | 000 | 0 | 3 | 09 | 05 | 96 | 02 | 0 | 115 | 77 | 3 | 0 | 9 | 2 | 1 | 58 | 64 | — | — | 7.3 | — | 5.8 | — |
| | Srimangal | 000 | 0 | 0 | 31 | 02 | 96 | 00 | 0 | 121 | 84 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | + 5 | — 7 | 3.2 | — 2.3 | 1.7 | 98 |
| Dacca | Mymensingh | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 1 | 118 | 82 | 6 | 5 | 4 | 0 | 0 | 58 | 65 | + 5 | — 2 | 1.6 | — 1.7 | 1.3 | 91 |
| | Narayanganj | 000 | 0 | 4 | 27 | 02 | 97 | 02 | 1 | 114 | 84 | 2 | 6 | 6 | 3 | 1 | 64 | 73 | + 2 | + 2 | 2.9 | — 1.6 | 1.5 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 23 | 02 | 96 | 02 | 2 | 112 | 84 | 1 | 0 | 9 | 4 | 2 | 60 | 73 | — | — | 2.5 | — | 1.2 | — |
| | Faridpur | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 1 | 100 | 81 | 4 | 4 | 6 | 1 | 0 | 62 | // | + 5 | — | 3.6 | — 0.8 | 2.0 | 71 |
| Khulna | Barisal | 000 | 0 | 3 | 27 | 02 | 97 | 02 | 0 | 114 | 82 | 2 | 0 | 9 | 3 | 1 | 65 | 73 | — | + 2 | 2.2 | — 2.2 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 081 | 79 | 0 | 0 | 9 | 0 | 0 | 40 | // | + 6 | — | 4.8 | + 0.9 | 3.4 | 68 |
| | Satkhira | 000 | 0 | 4 | 18 | 05 | 97 | 00 | 0 | 121 | 82 | 2 | 3 | 9 | 0 | 0 | 73 | 73 | + 1 | + 2 | 3.2 | — 0.5 | 3.0 | 48 |
| | Jessore | 800 | 0 | 7 | 21 | 05 | 96 | 05 | 2 | 111 | 81 | 3 | 0 | 9 | 9 | 8 | 73 | 69 | — | — | 4.7 | + 0.7 | 3.6 | 65 |
| Rajshahi | Pabna | 000 | 0 | 6 | 18 | 05 | 98 | 03 | 1 | 106 | 82 | 6 | 0 | 9 | 6 | 0 | 69 | 69 | — | — | 4.0 | — | 3.0 | 88 |
| | Sirajganj | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 111 | 84 | 0 | 0 | 9 | 0 | 0 | 56 | 65 | 0 | — | 2.2 | — 0.5 | 1.9 | 64 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | — |
| | Bogra | 000 | 0 | 6 | 13 | 02 | 96 | 03 | 2 | 108 | 82 | 0 | 0 | 9 | 0 | 2 | 50 | 65 | — 2 | 0 | 2.3 | — 0.5 | 1.9 | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 72 |
| | Rangpur | 800 | 8 | 7 | 18 | 02 | 96 | 03 | 0 | 119 | 79 | 7 | 0 | 9 | 2 | 0 | 65 | 62 | — | — 1 | 2.7 | + 0.6 | 1.1 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 132 | 65 | 0 | 0 | 9 | 8 | 1 | 59 | 59 | — 4 | + 4 | 2.0 | — 0.8 | 2.0 | 19 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 6 | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 105 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | // | — | — | 5.3 | — | 5.2 | — |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | /// | 62 | 2 | 3 | 8 | 0 | 0 | 49 | 58 | — | — | 6.2 | — | 6.2 | |
| | Rawalpindi | 000 | 0 | 1 | 08 | 01 | 98 | 00 | 0 | 143 | 56 | 0 | 0 | 9 | 0 | 6 | 51 | 56 | + 1 | + 3 | 8.6 | + 0.1 | 8.4 | 18 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 3 | 36 | 01 | 97 | 01 | 0 | 132 | 64 | 0 | 0 | 9 | 0 | 3 | 54 | 60 | — | + 1 | 1.5 | — 1.5 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 5 | 00 | 00 | 95 | 04 | 1 | 132 | 65 | 0 | 0 | 9 | 0 | 1 | 51 | 56 | — | — | 1.9 | — | 1.7 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 122 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | 58 | — 1 | + 1 | 1.8 | 0.0 | 1.5 | 13 |
| Multan | Sahiwal | 000 | 0 | 6 | 00 | 00 | 96 | 04 | 0 | 133 | 65 | 3 | 0 | 9 | 3 | 2 | 51 | 56 | + 4 | — 4 | 0.8 | — 0.6 | 0.8 | 10 |
| | Multan | 000 | 0 | 0 | 36 | 01 | 92 | 00 | 0 | 150 | 61 | 0 | 0 | 9 | 0 | 0 | 57 | // | — | — | 0.0 | — | 0.0 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 2 | 130 | 65 | 1 | 0 | 9 | 3 | 1 | 50 | 58 | 0 | + 1 | 2.8 | + 0.9 | 1.7 | 6 |
| | Bahawalpur | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 110 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 60 | — | + 2 | 0.2 | + 0.9 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 134 | 69 | 0 | 0 | 9 | 0 | 0 | 47 | 59 | — | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdra | 000 | 0 | 2 | 05 | 02 | 98 | 02 | 0 | 137 | 58 | 0 | 0 | 9 | 0 | 4 | 50 | 51 | — | — | 6.0 | — | 4.9 | — |
| Peshawar | Peshawar | 000 | 0 | 5 | 10 | 02 | 98 | 03 | 0 | 137 | 62 | 0 | 0 | 9 | 0 | 4 | 54 | 56 | + 4 | + 1 | 3.8 | — 2.0 | 3.1 | 11 |
| | Haripur | 000 | 0 | 4 | 05 | 02 | 97 | 03 | 2 | 148 | 59 | 4 | 0 | 9 | 4 | 0 | 54 | 56 | — | — | 8.3 | — | 7.4 | — |
| D. I. Khan | Bannu | 000 | 0 | 3 | 09 | 01 | 99 | 01 | 1 | 136 | 60 | 0 | 0 | 9 | 0 | 7 | 51 | 56 | — | — | 7.9 | — | 7.4 | 11 |
| | D. I. Khan | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 134 | 64 | 0 | 0 | 9 | 0 | 2 | 56 | 58 | + 1 | 0 | 8.4 | + 6.1 | 8.4 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 143 | 64 | 0 | 0 | 9 | 0 | 6 | 42 | 61 | — | — | 0.4 | — | 0.6 | 1 |
| | Nokkundi | 000 | 0 | 0 | 05 | 09 | 96 | 02 | 0 | 110 | 69 | 0 | 0 | 9 | 0 | 0 | 51 | 64 | — | — | 2.5 | — | 2.5 | 1 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 88 | 00 | 0 | 149 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 71 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 4 | 13 | 03 | 96 | 01 | 1 | 119 | 71 | 4 | 6 | 4 | 0 | 0 | 69 | 67 | — | — | 9.2 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 120 | 69 | 0 | 0 | 0 | 0 | 0 | 67 | // | + 2 | — | 2.8 | — 2.2 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 5 | 127 | 75 | 0 | 0 | 9 | 0 | 0 | 72 | // | — | — | 2.9 | — 1.7 | 2.9 | 8 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 122 | 73 | 0 | 0 | 9 | 0 | 0 | 68 | 70 | — 4 | — 1 | 1.1 | — 0.4 | 1.1 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 124 | 71 | 0 | 0 | 9 | 0 | 0 | 66 | 68 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 173 | 70 | 0 | 0 | 9 | 0 | 0 | 36 | 70 | — | — | 0.1 | — | 0.1 | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 114 | 68 | 0 | 0 | 9 | 0 | 0 | 49 | 63 | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | 000 | 0 | 0 | 36 | 01 | 97 | 01 | 0 | 124 | 74 | 0 | 0 | 9 | 0 | 0 | 50 | 70 | — 1 | + 4 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 109 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | // | — | — | 0.1 | — 0.9 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 1 | 35 | 02 | 95 | 05 | 0 | 135 | 68 | 0 | 0 | 9 | 0 | 7 | 55 | 57 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 129 | 68 | 0 | 0 | 9 | 0 | 0 | 52 | 59 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 09 | 02 | 96 | 02 | 0 | 136 | 72 | 1 | 0 | 9 | 3 | 0 | 60 | 66 | 0 | + 3 | 2.2 | — 1.2 | 2.1 | 18 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | — | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | + 17 | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 530 | 51 | 6 | 8 | 7 | 6 | 0 | 40 | 59 | + 15 | + 8 | 4.0 | — | 3.4 | 19 |
| Peshawar | Cherat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 9 | | | | | — |
| | Kakul * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 58 | 0 | 0 | 9 | 0 | 0 | 47 | 54 | — | + 6 | 6.0 | — 3.1 | 5.3 | 19 |
| | Landikotal * | 000 | 0 | 4 | 36 | 02 | 98 | 01 | 0 | 461 | 54 | 4 | 3 | 9 | 4 | 0 | 45 | 40 | — | — | 4.8 | — | 3.6 | 19 |
| | Parachinar * | 000 | 0 | 5 | 00 | 00 | 98 | 03 | 0 | 521 | 51 | 2 | 0 | 9 | 5 | 3 | 38 | 47 | + 11 | + 8 | 5.6 | — | 5.9 | 13 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 512 | 73 | 0 | 0 | 9 | 0 | 0 | 45 | 45 | — | — | 0.1 | — 5.5 | 0.1 | 11 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 15 |
| Quetta | Fort Sandeman * | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | 511 | 58 | 0 | 0 | 9 | 0 | 7 | 37 | 49 | — 3 | + 1 | 2.3 | — 1.3 | 1.3 | — |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 28 | // | — | — | 1.7 | — | 1.5 | 9 |
| | Loralai * | 000 | 0 | 0 | 17 | 04 | 97 | 01 | 0 | 485 | 50 | 0 | 1 | 9 | 0 | 0 | 43 | // | — | — | 2.1 | — | 2.1 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | — | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 470 | 60 | 0 | 0 | 9 | 0 | 0 | 37 | 54 | — | — | 3.6 | — 1.8 | 2.6 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 1 | 521 | 45 | 0 | 0 | 9 | 0 | 4 | 34 | 38 | — | — | 3.6 | — 3.1 | 2.8 | 9 |
| | Chaman * | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 0 | 490 | 63 | 0 | 0 | 9 | 0 | 0 | 40 | // | + 7 | — | 7.7 | + 0.4 | 7.7 | — |
| | Nushki * | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 553 | 65 | 0 | 0 | 9 | 0 | 0 | 31 | 61 | — | — | 8.5 | — | 3.5 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 91 | 02 | 0 | 582 | 59 | 0 | 0 | 9 | 0 | 0 | 39 | 54 | — | + 1 | 3.3 | + 0.4 | 3.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 95 | 00 | 2 | 520 | 58 | 0 | 0 | 9 | 0 | 0 | 38 | 32 | + 1 | — 8 | 3.0 | — 0.7 | 3.0 | — |
| | Khuzdar * | 000 | 0 | 0 | 09 | 32 | 96 | 01 | 0 | 105 | 61 | 0 | 0 | 9 | 0 | 0 | 39 | 34 | — | — | 2.5 | — | 1.5 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

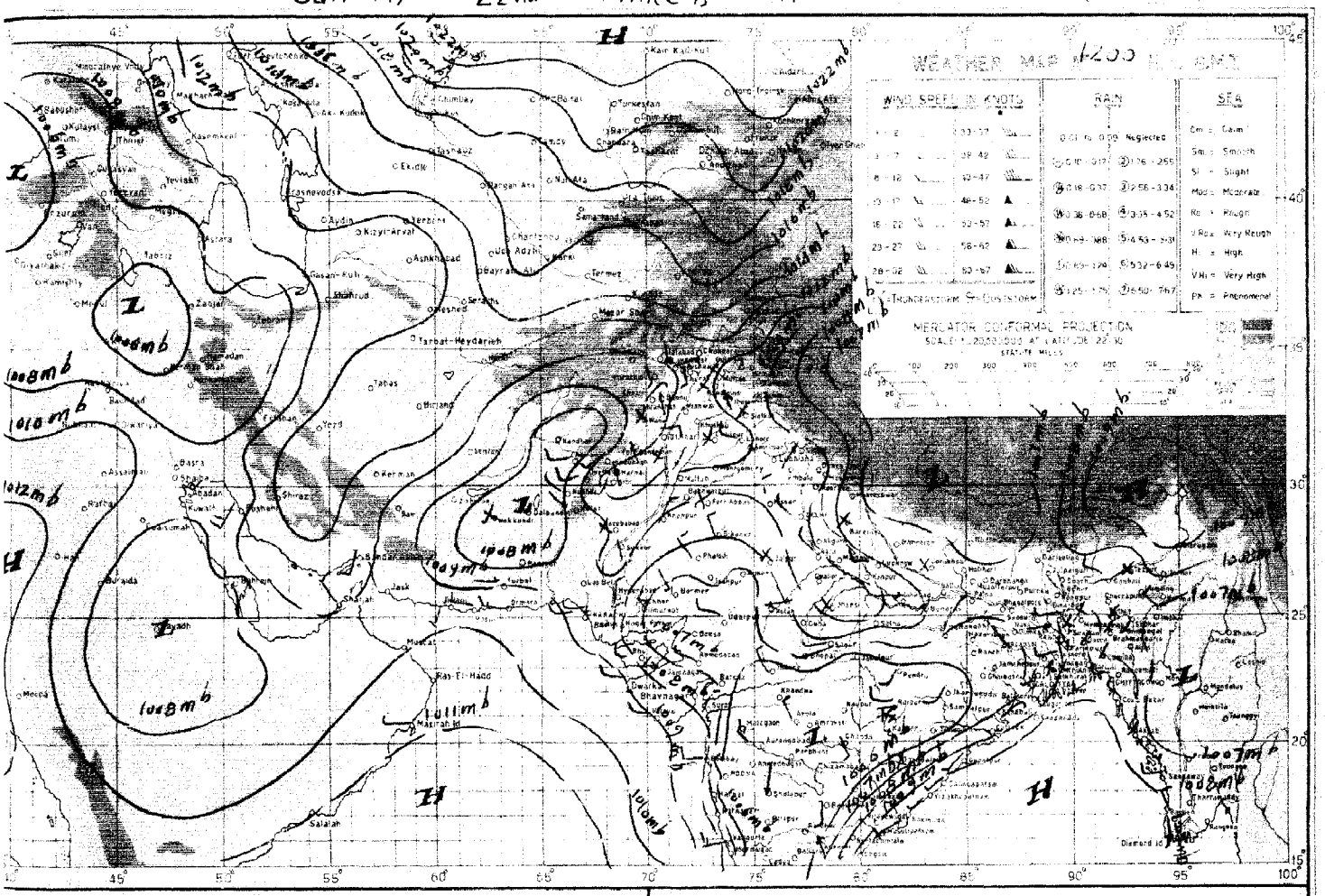
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

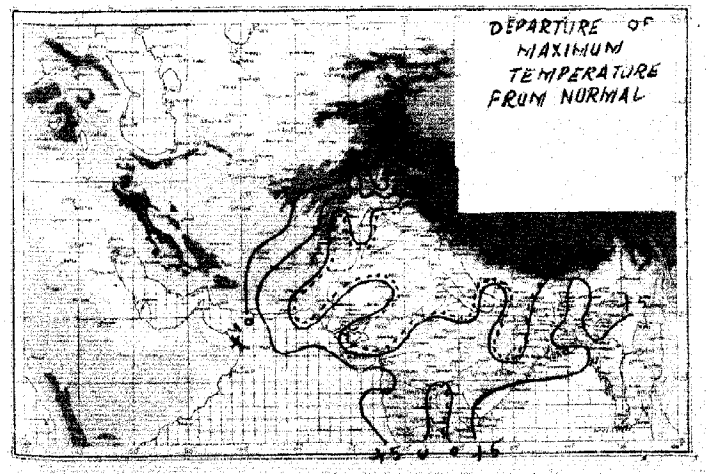
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

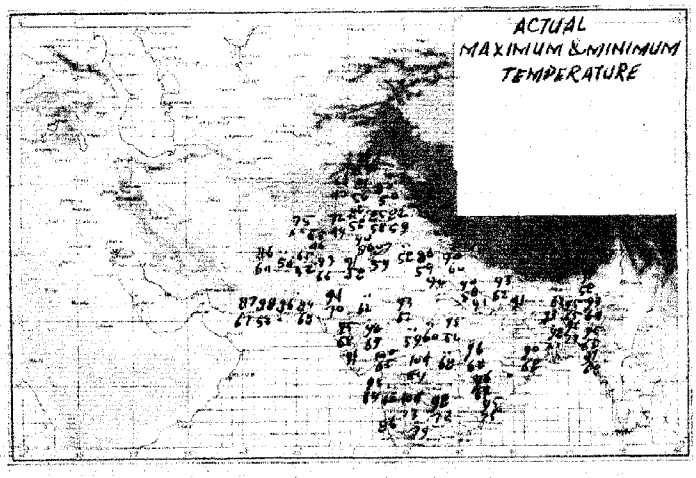
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd MARCH, 1970

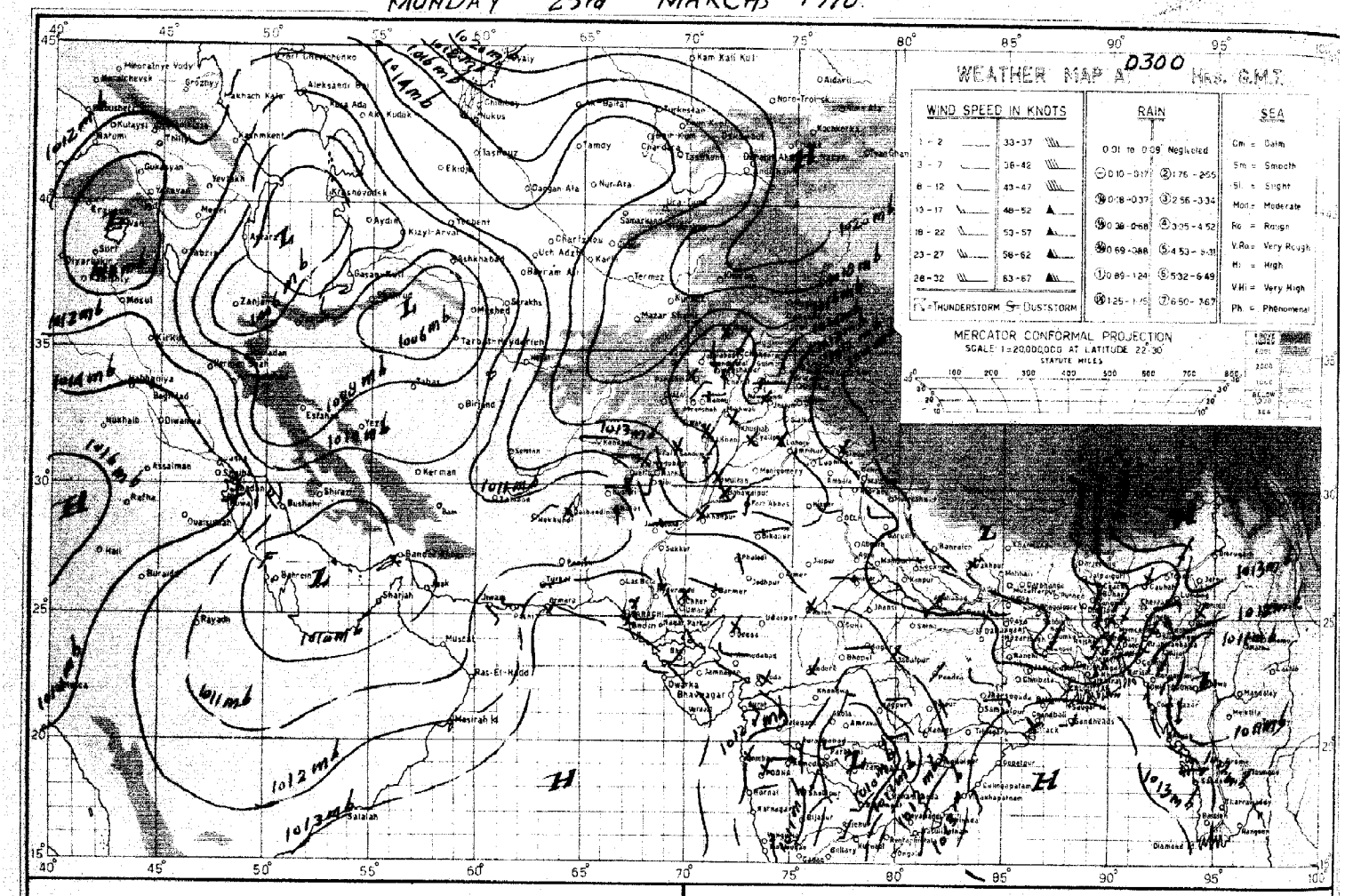


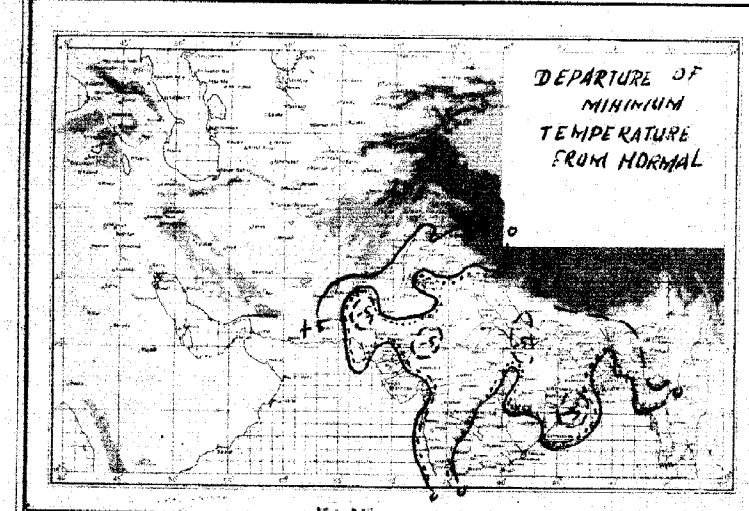



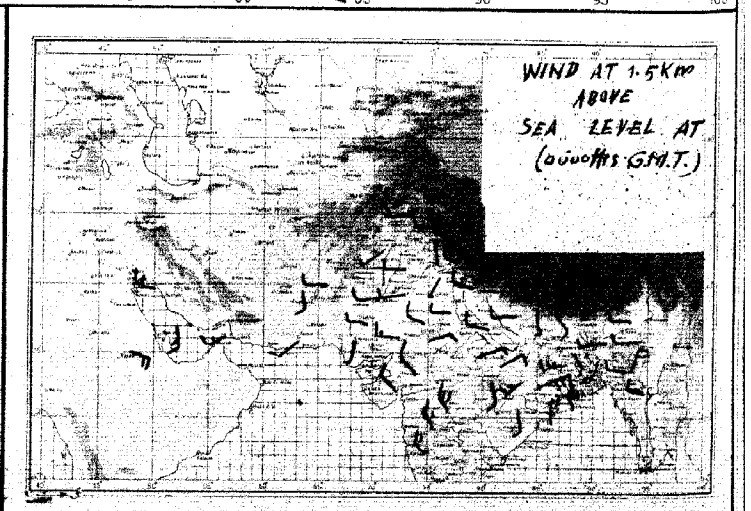



# PAKISTAN DAILY WEATHER MAP

MONDAY 23rd MARCH, 1970.




REG. No. 1024 RWXD61-1,45,805-63

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**TUESDAY THE 24th MARCH, 1970.**

**Summary of observations recorded at 0300 Hrs. G.M.T.**

A western disturbance lies over southeast Iran and adjoining Kalat divisions.

Yesterday's westerly low pressure wave now lies over East Pakistan and adjoining West Bengal.

Rain/thundershowers have been widespread in Dacca division local in Khulna and Chittagong divisions and scattered in Rajshahi division. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are: Mymensingh (upto 0000 G.M.T.) and Satkhira ¾", Narayanganj and Dacca (upto 1200 G.M.T.) Comilla, Sylhet, Faridpur and Sirajganj ½" each.

Night temperatures were 3—8 °F (2—4 °C) below normal in Chittagong, Dacca, Khulna and Rajshahi divisions and to the same extent above normal in Lahore, Rawalpindi, Peshawar, Bahawalpur, D. I. Khan, Quetta, Hyderabad and Khairpur divisions.

**Forecast valid until the evening of 25th March 1970 :—** Rain/thundershowers will be local in Dacca and Chittagong divisions scattered elsewhere over East Pakistan. Local in Kalat, Quetta, D.I. Khan, Malakand, Peshawar divisions and Kashmir. Mainly dry weather will prevail elsewhere over West Pakistan.

Karachi-11
The 24th March, 1970.

## OBSERVATIONS

QAZI SUBHAN AHMAD
for Director, Meteorological Service.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility† | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature * | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *# | Maximum temperature *# |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | RRR 3 | Wt 4 | N 5 | dd 6 | ff 7 | VV 8 | ww 9 | W 10 | PPP 11 | TT 12 | Nh 13 | CL 14 | h 15 | CM 16 | CH 17 | TdTd 18 | TxTx 19 |
| Chittagong | Rangamati | 080 | 0 | 4 | 27 | 03 | 95 | 04 | 1 | 071 | 87 | 3 | 3 | 3 | 7 | 0 | 63 | 96 |
| | Cox's Bazar | 000 | 0 | 1 | 27 | 10 | 96 | 02 | 0 | 067 | 82 | 0 | 0 | 9 | 1 | 0 | 76 | 87 |
| | Chittagong | 000 | 0 | 5 | 23 | 09 | 96 | 01 | 2 | 066 | 82 | 2 | 0 | 9 | 3 | 1 | 73 | 91 |
| | Huljdee Court | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 061 | 82 | 0 | 0 | 9 | 0 | 0 | 78 | 93 |
| | Comilla | 000 | 0 | 3 | 18 | 05 | 96 | 02 | 1 | 070 | 90 | 3 | 4 | 7 | 0 | 0 | 67 | 93 |
| | Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 056 | 92 | 0 | 0 | 9 | 0 | 0 | 63 | 94 |
| | Sylhet | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 057 | 85 | 3 | 0 | 9 | 3 | 1 | 51 | 91 |
| | Srimangal | 000 | 0 | 2 | 08 | 05 | 96 | 00 | 0 | 072 | 93 | 0 | 0 | 9 | 0 | 0 | 50 | 90 |
| Dacca | Mymensingh | 000 | 0 | 0 | 13 | 03 | 95 | 00 | 0 | 107 | 84 | 0 | 0 | 9 | 0 | 0 | // | 94 |
| | Narayanganj | 000 | 0 | 8 | 23 | 02 | 93 | 02 | 2 | 048 | 90 | 8 | 4 | 9 | 0 | 0 | 62 | 90 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 18 | 05 | 96 | // | / | 062 | 90 | 6 | 5 | 5 | 4 | 0 | 56 | 93 |
| | Faridpur | 005 | 0 | 8 | 27 | 12 | 95 | 95 | 2 | 041 | 90 | 8 | 5 | 5 | 0 | 0 | 60 | 93 |
| Khulna | Barisal | 000 | 0 | 4 | 18 | 02 | 97 | 02 | 0 | 066 | 92 | 2 | 4 | 6 | 3 | 0 | 63 | 94 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 062 | 87 | 0 | 0 | 9 | 0 | 0 | 64 | 93 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jessore | 000 | 0 | 8 | 36 | 10 | 96 | 17 | 9 | 061 | 77 | 4 | 3 | 4 | 2 | 0 | 59 | 93 |
| Rajshahi | Pabna | 012 | 9 | 0 | 00 | 00 | // | 63 | 9 | 089 | 86 | 8 | 7 | 6 | 0 | 0 | 54 | 87 |
| | Sirajganj | 046 | 4 | 7 | 04 | 05 | 96 | 95 | 9 | 057 | 93 | 5 | 5 | 2 | 1 | 0 | 68 | 93 |
| | Rajshahi | 000 | 0 | 7 | 13 | 05 | 96 | 90 | 9 | 063 | 72 | 3 | 3 | 4 | 2 | 1 | 60 | 95 |
| | Bogra | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 1 | /// | 91 | 0 | 0 | 9 | 0 | 0 | 59 | 95 |
| | Dinajpur | 000 | 0 | 6 | 27 | 05 | 96 | 03 | 1 | 059 | 79 | 6 | 0 | 9 | 0 | 2 | 59 | // |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Intl Ap.) | 000 | 0 | 5 | 24 | 18 | 96 | 03 | 1 | 102 | 82 | 2 | 0 | 9 | 3 | 2 | 49 | 85 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 7 | 13 | 02 | 98 | 03 | 1 | 095 | 82 | 1 | 1 | 7 | 1 | 2 | 56 | 87 |
| | Islamabad | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 0 | /// | 76 | 3 | 4 | 6 | 3 | 1 | 49 | 76 |
| | Rawalpindi | 000 | 0 | 7 | 27 | 02 | 98 | 01 | 2 | 104 | 77 | 0 | 0 | 9 | 0 | 0 | 51 | 80 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 23 | 07 | 97 | 03 | 2 | 093 | 87 | 2 | 5 | 9 | 4 | 0 | 59 | 90 |
| | Sargodha | 000 | 0 | 7 | 23 | 02 | 97 | 02 | 1 | 098 | 86 | 1 | 1 | 6 | 0 | 1 | 50 | 87 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 095 | 85 | 0 | 0 | 9 | 0 | 0 | 59 | 85 |
| Multan | Sahiwal | 000 | 0 | 7 | 18 | 02 | 97 | 03 | 0 | 094 | 87 | 0 | 2 | 9 | 3 | 0 | 49 | 90 |
| | Multan | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 128 | 81 | 0 | 0 | 9 | 0 | 0 | 52 | 81 |
| | Laiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 085 | 94 | 0 | 0 | 9 | 0 | 0 | 49 | 94 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 093 | 90 | 0 | 0 | 9 | 0 | 0 | 47 | 91 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 090 | 90 | 0 | 0 | 9 | 0 | 0 | 63 | 90 |
| Malakand | Chakdara | 000 | 0 | 8 | 23 | 07 | 98 | 03 | 0 | 076 | 78 | 2 | 2 | 0 | 7 | 8 | 40 | 78 |
| Peshawar | Peshawar | 000 | 0 | 7 | 23 | 02 | 98 | 02 | 2 | 099 | 88 | 1 | 8 | 6 | 2 | 8 | 51 | 82 |
| | Haripur | 000 | 0 | 5 | 13 | 05 | 98 | 03 | 1 | /// | 68 | 3 | 4 | 6 | 4 | 0 | 43 | 77 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 17 | 02 | 98 | 02 | 1 | 097 | 80 | 0 | 0 | 9 | 1 | 7 | 50 | 85 |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Sibi | 000 | 0 | 8 | 28 | 03 | 97 | 03 | 1 | 093 | 93 | 0 | 0 | 9 | 2 | 0 | 58 | 94 |
| | Nokkundi | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 027 | 91 | 0 | 0 | 9 | 0 | 0 | 56 | 92 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 096 | 08 | 0 | 0 | 9 | 0 | 0 | 44 | 97 |
| | Jiwani | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 091 | 80 | 0 | 0 | 9 | 0 | 0 | 65 | 85 |
| | Pasni | 000 | 0 | 0 | 23 | 06 | 97 | 02 | 0 | 111 | 84 | 0 | 0 | 0 | 0 | 0 | 77 | 89 |
| Karachi division | Ormara | 000 | 0 | 0 | 27 | 07 | 96 | 03 | 3 | 100 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 91 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 07 | 97 | 02 | 0 | 094 | 79 | 0 | 0 | 9 | 0 | 0 | 74 | 83 |
| | Karachi (Airport) | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 093 | 86 | 0 | 0 | 9 | 0 | 0 | 64 | 93 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 150 | 88 | 0 | 0 | 9 | 0 | 0 | 68 | 92 |
| | Chhor | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 076 | 95 | 0 | 0 | 9 | 0 | 0 | 39 | 99 |
| | Hyderabad | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 083 | 97 | 0 | 0 | 9 | 0 | 0 | 47 | 00 |
| | Badin | 000 | 0 | 0 | 30 | 13 | 97 | 02 | 0 | 101 | 99 | 0 | 0 | 9 | 0 | 0 | 47 | 01 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 084 | 93 | 0 | 0 | 9 | 0 | 0 | 38 | 96 |
| | Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 091 | 95 | 0 | 0 | 9 | 0 | 0 | 53 | 97 |
| | Sukkur | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | /// | 95 | 0 | 0 | 9 | 0 | 0 | 29 | 96 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 09 | 02 | 97 | 01 | 0 | 080 | 94 | 0 | 0 | 9 | 0 | 0 | 75 | 95 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | AIR STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Minar | | | | | | | | | | | | | | | | | |
| | Allahai | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | 000 | 0 | 5 | 00 | 00 | 98 | 02 | 2 | 482 | 73 | 4 | 2 | 7 | 6 | 0 | 32 | 79 |
| Peshawar | Chitral | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 503 | 67 | 0 | 0 | 9 | 0 | 0 | 47 | 70 |
| | Kakul | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Landikotal | 000 | 0 | 5 | 03 | 05 | 98 | 03 | 2 | 485 | 71 | 6 | 8 | 9 | 3 | 0 | 60 | 72 |
| | Peshawar | 000 | 0 | 7 | 16 | 03 | 98 | 02 | 3 | 393 | 83 | 1 | 1 | 7 | 2 | 0 | 36 | 84 |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 532 | 74 | 0 | 0 | 9 | 0 | 0 | 43 | 73 |
| | Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman | 000 | 0 | 7 | 24 | 03 | 97 | 02 | 2 | 487 | 73 | 3 | 0 | 9 | 3 | 1 | 39 | 74 |
| | Hindubagh | 000 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | /// | 59 | 0 | 0 | 9 | 0 | 0 | 42 | 62 |
| | Loralai | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 475 | 65 | 0 | 0 | 9 | 0 | 0 | 46 | 65 |
| | Barkhan | | | | | | | | | | | | | | | | | |
| | Harnai | 000 | 0 | 8 | 13 | 02 | 96 | 03 | 0 | 470 | 79 | 0 | 0 | 9 | 0 | 0 | 39 | 81 |
| | Sanjawi (Quetta) | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 493 | 72 | 3 | 0 | 9 | 0 | 0 | 37 | 72 |
| | Chaman | 000 | 0 | 8 | 27 | 03 | 97 | 02 | 0 | 511 | 69 | 0 | 0 | 9 | 0 | 0 | 47 | 64 |
| | Nushki | 000 | 0 | 0 | 00 | 00 | 97 | 03 | 0 | 531 | 83 | 0 | 0 | 9 | 0 | 0 | 48 | 79 |
| | Dalbandin | 000 | 0 | 0 | 13 | 02 | 97 | 03 | 0 | 491 | 37 | 0 | 0 | 9 | 0 | 0 | 32 | 89 |
| Kalat | Kalat | 000 | 0 | 8 | 36 | 02 | 98 | 00 | 2 | 474 | 70 | 0 | 0 | 9 | 0 | 0 | 23 | 73 |
| | Khuzdar | 000 | 0 | 0 | 23 | 03 | 91 | 01 | 0 | 488 | 83 | 0 | 0 | 9 | 0 | 0 | 53 | // |
| | Panjgur | | | | | | | | | | | | | | | | | |

| DIVISIONS | STATIONS | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) * | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature *# | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum Temperature | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | RRR 20 | Wt 21 | N 22 | dd 23 | ff 24 | VV 25 | ww 26 | W 27 | PPP 28 | TT 29 | h 30 | CL 31 | h 32 | CM 33 | CH 34 | TdTd 35 | TnTn 36 | TxTx 37 | TnTn 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 0 | 23 | 02 | 97 | 04 | 1 | 136 | 84 | 1 | 1 | 7 | 3 | 0 | 58 | // | — | — | 4.0 | — | 2.4 | — |
| | Cox's Bazar | 000 | 0 | 4 | 09 | 06 | 94 | 58 | 2 | 125 | 75 | 5 | 5 | 4 | 1 | 0 | 62 | 70 | 0 | + 1 | 1.0 | — 5.0 | 0.3 | 140 |
| | Chittagong | 003 | 9 | 4 | 18 | 02 | 96 | 01 | 9 | 125 | 79 | 4 | 0 | 9 | 3 | 0 | // | 65 | + 4 | — 5 | 1.5 | — 4.6 | 0.6 | 105 |
| | Hujjdee Court | 015 | 9 | 0 | 00 | 00 | 98 | 00 | 0 | 116 | 87 | 0 | 0 | 9 | 0 | 0 | 60 | 64 | + 6 | — 8 | 3.0 | — 1.0 | 3.4 | 115 |
| | Comilla | 025 | 9 | 0 | 00 | 00 | 96 | 02 | 6 | 122 | 73 | 0 | 0 | 9 | 0 | 0 | 64 | 62 | + 2 | — 8 | 2.4 | — 1.9 | 2.0 | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 78 |
| | Sylhet | 027 | 9 | 7 | 09 | 05 | 96 | 02 | 0 | 128 | 73 | 2 | 0 | 9 | 2 | 0 | 59 | 62 | — | — | 9.6 | — | 6.1 | — |
| | Srimangal | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | /// | 86 | 0 | 0 | 9 | 0 | 0 | 62 | // | + 10 | — | 3.2 | — 2.5 | 1.7 | 98 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 91 |
| | Narayanganj | 045 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 124 | 79 | 0 | 0 | 9 | 0 | 0 | 63 | 65 | — 1 | — 6 | 3.3 | — 1.0 | 2.0 | 74 |
| | Dacca (Tejgaon) | 040 | 9 | 0 | 12 | 02 | 96 | 01 | 9 | 124 | 73 | 0 | 0 | 9 | 0 | 0 | 61 | 65 | — | — | 3.0 | — | 1.6 | — |
| | Faridpur | 028 | 0 | 0 | 10 | 05 | 97 | 00 | 0 | 112 | 77 | 0 | 0 | 9 | 0 | 0 | 65 | 64 | + 3 | — 5 | 3.9 | — 0.6 | 2.3 | 71 |
| Khulna | Barisal | 000 | 0 | 8 | 18 | 05 | 97 | 02 | 9 | 116 | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 64 | — | — 7 | 2.2 | — 2.3 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 128 | 79 | 0 | 0 | 9 | 0 | 0 | 69 | 65 | — 1 | — 6 | 4.8 | + 0.9 | 3.4 | 68 |
| | Satkhira | 069 | 0 | 8 | 18 | 04 | 97 | 00 | 0 | 116 | 77 | 0 | 0 | 9 | 0 | 0 | 59 | 64 | — | — 7 | 3.9 | — 0.8 | 3.7 | 65 |
| | Jessore | 009 | 7 | 8 | 27 | 09 | 97 | 01 | 1 | 120 | 81 | 1 | 1 | 5 | 4 | 0 | 75 | // | — | — | 4.9 | + 0.7 | 3.7 | 65 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Sirajganj | 018 | 9 | 0 | 13 | 03 | 98 | 00 | 9 | 124 | 73 | 0 | 0 | 9 | 0 | 0 | 62 | 56 | — 6 | — 10 | 2.4 | — 0.4 | 2.0 | 64 |
| | Rajshahi | 046 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 109 | 76 | 0 | 0 | 9 | 0 | 0 | 65 | 65 | + 1 | — | — | — | — | — |
| | Bogra | 008 | 0 | 0 | 00 | 00 | 96 | 02 | 9 | 121 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | 62 | + 2 | — 3 | 2.3 | — 9.5 | 1.9 | 89 |
| | Dinajpur | 000 | 0 | 9 | 09 | 02 | 95 | 00 | 8 | 098 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | // | + 3 | — | — | — | — | 73 |
| | Rangpur | 000 | 0 | 0 | 13 | 02 | 96 | 01 | 1 | 122 | 79 | 0 | 0 | 9 | 0 | 0 | 65 | 62 | — | — 1 | 2.7 | + 0.5 | 1.2 | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Intl Ap.) | 000 | 0 | 1 | 27 | 03 | 96 | 03 | 1 | 108 | 69 | 1 | 0 | 9 | 3 | 0 | 51 | 62 | — 1 | + 7 | 2.0 | — 1.2 | 2.0 | 19 |
| | Sialkot | | | | | | | | | | | | | | | | | | | | | | | 32 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Islamabad | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 0 | /// | 65 | 2 | 3 | 9 | 1 | 0 | 51 | 58 | — | — | 6.2 | — | 6.2 | — |
| | Rawalpindi | 000 | 0 | 2 | 36 | 02 | 98 | 00 | 0 | 120 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — | + 3 | 8.6 | 0.0 | 9.4 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | + 1 | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 109 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 60 | — | + 1 | 1.5 | — 1.5 | 1.5 | 15 |
| | Sargodha | 000 | 0 | 0 | 00 | 00 | 94 | 04 | 0 | 110 | 64 | 0 | 0 | 9 | 0 | 0 | 56 | 58 | + 8 | — 1 | 1.9 | — | 1.9 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 115 | 60 | 0 | 0 | 9 | 0 | 0 | 54 | 58 | — 1 | + 1 | 1.8 | 0.0 | 1.5 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 5 | 00 | 00 | 97 | 03 | 0 | 117 | 69 | 0 | 0 | 9 | 0 | 4 | 54 | // | + 4 | — | 0.8 | — 0.6 | 0.8 | 7 |
| | Laiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 9 |
| Bahawalpur | Khanpur | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 3 | 112 | 73 | 0 | 0 | 9 | 0 | 1 | 54 | 64 | — | + 7 | 1.9 | + 0.6 | 1.6 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 129 | 76 | 0 | 0 | 9 | 0 | 0 | 52 | 65 | + 2 | — | 0.2 | + 0.9 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | // | // | / | /// | // | 0 | 0 | 9 | 0 | 0 | // | 60 | + 2 | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdara | 000 | 0 | 6 | 05 | 03 | 97 | 03 | 1 | 121 | 56 | 0 | 0 | 9 | 0 | 8 | 51 | 51 | — | — | 6.0 | — | 4.9 | — |
| Peshawar | Peshawar | 000 | 0 | 4 | 18 | 02 | 98 | 02 | 0 | 126 | 62 | 1 | 0 | 9 | 3 | 1 | 56 | 58 | + 5 | + 3 | 3.8 | — 2.0 | 3.1 | 11 |
| | Haripur | 000 | 0 | 0 | 07 | 02 | 98 | 00 | 0 | 129 | 65 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — | — 3 | 8.3 | — | 7.4 | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 31 | 01 | 98 | 00 | 0 | 116 | 64 | 0 | 0 | 9 | 0 | 0 | 50 | 58 | — | — | 7.9 | — | 7.5 | 11 |
| | D. I. Khan | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 0 | 119 | 64 | 0 | 0 | 9 | 0 | 4 | 56 | 60 | — | + 2 | 8.4 | + 6.1 | 8.4 | 9 |
| Quetta | Sibi | 000 | 0 | 6 | 13 | 03 | 97 | 05 | 1 | 130 | 65 | 6 | 0 | 9 | 4 | 2 | 38 | 62 | — | — | 0.6 | — | 0.6 | 8 |
| | Nokkundi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 88 | 00 | 0 | 142 | 72 | 0 | 0 | 9 | 0 | 0 | 53 | 60 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 6 | 13 | 03 | 96 | 01 | 1 | 112 | 71 | 6 | 6 | 4 | 0 | 0 | 69 | 67 | — | — | 9.2 | — | 8.3 | 5 |
| | Pasni | 000 | 0 | 0 | 23 | 02 | 94 | 00 | 4 | 116 | 69 | 0 | 0 | 9 | 0 | 0 | 65 | // | + 3 | — | 2.8 | — 1.7 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 119 | 73 | 2 | 0 | 9 | 0 | 0 | 70 | // | — | — | 2.9 | — 1.7 | 2.9 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 09 | 03 | 97 | 03 | 0 | 109 | 73 | 3 | 0 | 9 | 1 | 0 | 71 | 71 | — 1 | 0 | 1.1 | — 0.3 | 1.1 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 115 | 71 | 0 | 0 | 9 | 0 | 0 | 65 | 67 | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | — |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 109 | // | 0 | 0 | 9 | 0 | 0 | 40 | 62 | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 9 | 116 | 76 | 0 | 0 | 9 | 0 | 0 | 59 | 70 | + 5 | + 4 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 128 | 70 | 0 | 0 | 9 | 0 | 0 | 65 | 68 | + 4 | + 4 | 0.1 | — 0.9 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 112 | 66 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 116 | 68 | 0 | 0 | 9 | 0 | 0 | 55 | 63 | — | — | 0.3 | — | 0.3 | 4 |
| | Sukkur | 000 | 0 | 4 | 23 | 02 | 95 | 05 | 4 | 107 | 73 | 0 | 0 | 9 | 0 | 8 | 56 | 64 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 20 | 09 | 96 | 03 | 0 | 109 | 73 | 2 | 0 | 9 | 3 | 0 | 60 | 67 | — 2 | + 4 | 2.2 | + 1.2 | 2.1 | 10 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | AIR STATIONS | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Minar | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Allahai | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Malakand | Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 03 | 1 | 497 | 60 | 0 | 0 | 9 | 6 | 0 | 43 | 56 | — | + 9 | 6.0 | — 5.1 | 5.3 | — |
| Peshawar | Chitral | 000 | 0 | 2 | 07 | 02 | 98 | 03 | 1 | 502 | 60 | 0 | 0 | 9 | 3 | 0 | 41 | 51 | + 9 | — | — | — | — | — |
| | Kakul | 000 | 0 | 4 | 34 | 02 | 98 | 01 | 0 | 479 | 60 | 4 | 3 | 9 | 4 | 0 | 49 | 38 | — | — | 4.3 | — | 3.6 | 39 |
| | Landikotal | 000 | 0 | 2 | 20 | 03 | 98 | 01 | 0 | 512 | 56 | 0 | 0 | 9 | 0 | 1 | 45 | 45 | + 1 | + 4 | 5.6 | — | 5.8 | 18 |
| | Peshawar | | | | | | | | | | | | | | | | | | | | | | | — |
| D.I. Khan | Miranshah | 000 | 0 | 0 | 05 | 01 | 98 | 00 | 8 | 503 | 73 | 0 | 0 | 0 | 0 | 0 | 40 | 49 | — | — | 0.1 | — 5.6 | 0.1 | 11 |
| | Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 12 |
| Quetta | Fort Sandeman | 000 | 0 | 5 | 00 | 00 | // | / | / | /// | 71 | 0 | 0 | 9 | 0 | 2 | 39 | 53 | — 1 | — | 2.3 | — 1.4 | 2.3 | — |
| | Hindubagh | 000 | 0 | 0 | 00 | 00 | 97 | 05 | 0 | 509 | 55 | 8 | 0 | 9 | 4 | 1 | 39 | 43 | — | — | 1.7 | — | 1.5 | 9 |
| | Loralai | 000 | 0 | 0 | 09 | 09 | 97 | 00 | 0 | 480 | 40 | 0 | 0 | 9 | 0 | 0 | 38 | // | — | — | 2.1 | — | 2.1 | — |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai | 000 | 0 | 5 | 13 | 02 | 96 | 03 | 2 | 478 | 64 | 0 | 0 | 9 | 0 | 4 | 43 | 59 | — | — | 2.6 | — 1.8 | 2.6 | 9 |
| | Sanjawi (Quetta) | 000 | 0 | 8 | 13 | 05 | 96 | 03 | 3 | 505 | 55 | 8 | 0 | 9 | 4 | 4 | 39 | 43 | — | — | 3.4 | — 2.1 | 2.0 | 9 |
| | Chaman | 000 | 0 | 8 | 09 | 00 | 97 | 02 | 0 | 490 | 63 | 8 | 0 | 9 | 0 | 4 | 45 | 39 | — 4 | — | 7.7 | + 1.5 | 7.7 | — |
| | Nushki | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 530 | 73 | 0 | 0 | 9 | 0 | 2 | 35 | 46 | — | — | 3.5 | — | 3.5 | 4 |
| | Dalbandin | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 488 | 67 | 7 | 0 | 9 | 0 | 0 | 47 | 59 | + 6 | + 6 | 3.3 | + 0.4 | 3.3 | 7 |
| Kalat | Kalat | 000 | 0 | 9 | 05 | 02 | 98 | 02 | 0 | 512 | 53 | 0 | 0 | 9 | 0 | 0 | 38 | // | + 7 | — | 3.0 | — 1.7 | 3.0 | — |
| | Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 500 | 65 | 0 | 0 | 9 | 0 | 1 | 42 | 59 | — | — | 2.5 | — | 2.5 | 8 |
| | Panjgur | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0906 hrs. G.M.T. of the same day. When over 000 is given RRR are the summary shows for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**TUESDAY THE 24th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_at_a$ | $8N_sC_h$ $h_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| **ARABAIN SEA** | | | | | | | | | | | | | | |
| Dwarka | 99 2 42 | 10 6 22 | 23 0 61 | 00 0 00 | 99 0 20 | 13 8 26 | 00 9 00 | 24 2 24 | — | | 01 1 22 | 3 / / 00 | — | |
| Chanser | 99 2 21 | 10 6 80 | 23 0 63 | 03 2 07 | 98 0 20 | 13 6 26 | 00 0 00 | 73 2 14 | — | | 0 / / 69 | 30 2 02 | — | |
| Dwarka | 99 2 43 | 10 6 36 | 23 1 23 | 02 0 10 | 99 8 20 | 10 5 26 | 00 9 80 | 24 6 12 | ... | | 01 0 23 | 30 5 01 | ... | |
| Dwarka | 99 2 45 | 10 6 51 | 23 1 83 | 22 7 10 | 98 0 90 | 12 5 24 | 22 5 00 | 24 2 10 | 00 8 21 | | ... | 30 5 08 | 21 2 01 | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb (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 | MISDA | ... | | | | | | | | | ... | ... | ... |
| Dacca | 00 00 | 009 202 23 | ... | 400 140 30 | 081 030 57 | 571 147 59 | 736 261 59 | 938 401 59 | 209 497 // | 394 587 // | 643 693 // | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 007 210 20 | ... | 490 125 45 | 034 060 // | 571 081 // | 742 141 // | 955 271 // | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 996 170 40 | ... | 509 195 71 | 117 094 // | 381 095 // | 749 304 // | | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 970 150 45 | ... | 500 114 53 | 061 040 56 | 725 100 // | 740 221 // | 945 363 // | 210 451 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | ... | | | | | | | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 994 124 55 | ... | 540 104 57 | 047 015 50 | 565 191 // | 728 291 // | 930 371 // | 206 425 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels (PPP TT $T_s$ DD) | | | | | | | | | Max. Wind Speed ($P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$) | TROPOPAUSE ($P_tT_tP_tT_tT_tT_{st}$) | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | MISDA | | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 900 166 56 | 800 104 57 | 600 087 38 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 190 14 | 210 10 | 215 10 | 220 14 | 220 11 | 250 08 | 140 13 | — | — |
| Bogra | 160 17 | 190 17 | 191 10 | | ... | ... | ... | . | — |
| Chaklala | — | 280 10 | 290 13 | 295 09 | | | | | |
| Chhor | 270 04 | 290 04 | 325 05 | 340 07 | 315 07 | 300 13 | 310 27 | 325 33 | 315 33 |
| Chittagong | 230 15 | 225 13 | 225 15 | 115 06 | 085 07 | 055 13 | 225 17 | 225 25 | 240 27 |
| Cherat | — | ... | ... | — | ... | ... | ... | ... | ... |
| Cox's Bazar | 280 19 | 285 19 | 290 11 | 320 05 | 340 04 | 085 12 | 240 08 | 220 07 | ... |
| Dacca | 185 13 | 185 19 | 190 18 | 215 15 | 205 15 | ... | ... | ... | ... |
| Dalbandin | ... | — | 165 01 | 100 00 | 115 06 | 165 05 | 270 23 | 270 26 | 295 62 |
| D. I. Khan | 150 02 | 135 02 | 130 01 | 285 04 | 295 07 | 320 12 | 315 19 | 275 13 | 285 14 |
| Drosh | — | — | — | 245 03 | 260 03 | 160 17 | 200 03 | ... | ... |
| Fort Sandeman | ... | ... | ... | 250 03 | 235 03 | 285 16 | 345 27 | 350 43 | 336 40 |
| Gilgit | — | — | ... | 030 11 | 020 10 | 065 23 | 035 11 | 360 21 | 305 08 |
| Ishurdi | No | Ascent | ... | ... | | | ... | ... | ... |
| Jacobabad | 235 03 | 295 04 | 230 04 | 230 04 | 080 04 | 095 04 | 300 14 | 290 17 | 285 21 |
| Jessore | 175 17 | 180 15 | 185 13 | 200 10 | ... | ... | ... | ... | ... |
| Jhelum | 280 09 | 285 13 | 285 14 | 300 13 | 310 13 | 310 09 | ... | ... | ... |
| Jiwani | 180 09 | 175 12 | 175 12 | 170 06 | 240 02 | 280 04 | 275 17 | 285 22 | 280 20 |
| Karachi | 230 08 | 260 06 | 275 06 | 315 08 | 010 05 | 295 06 | 295 19 | 310 19 | 310 24 |
| Khanpur | 330 02 | 235 05 | 235 04 | 265 04 | 240 03 | 230 06 | 305 13 | 300 18 | 290 21 |
| Khuzdar | ... | — | | 285 05 | 315 05 | 305 09 | 315 31 | 320 32 | 330 31 |
| Lahore | 310 06 | 300 06 | 300 07 | 300 09 | 305 10 | 345 13 | 330 13 | 335 13 | 310 20 |
| Multan | 160 06 | 200 03 | 220 05 | 230 07 | 245 13 | 310 18 | 300 25 | 300 29 | 300 33 |
| Nawab Shah | 250 03 | 230 04 | 300 05 | 320 05 | 300 05 | 295 11 | 305 23 | 305 23 | 295 22 |
| Nokkundi | ... | ... | 090 07 | 115 09 | 180 06 | 245 08 | 260 35 | 270 40 | 265 35 |
| Panjgur | ... | ... | | | ... | ... | ... | — | ... |
| Peshawar | ... | 155 02 | 245 01 | 275 02 | 250 04 | 295 17 | — | — | ... |
| Parachinar | ... | ... | ... | 005 04 | 145 07 | 260 19 | 275 08 | — | ... |
| Quetta | — | — | | ... | 320 15 | 215 04 | 345 15 | 275 19 | 275 39 |
| Sargodha | 255 06 | 255 04 | 275 04 | 290 06 | 290 06 | 290 14 | 310 21 | 330 53 | 300 35 |
| Skardu | ... | ... | ... | | ... | ... | ... | — | — |
| Sylhet | 225 03 | 275 04 | 235 08 | 225 10 | 285 08 | 280 11 | 280 12 | ... | ... |
| Veraval | ... | — | ... | ... | ... | — | — | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 170 01 | 205 01 | 210 25 | 285 11 | 245 03 | 250 07 |
| Bogra | 155 04 | 205 12 | 225 08 | 290 04 | 255 02 | 295 18 |
| Chaklala | ... | 270 03 | 300 04 | 325 06 | 285 10 | 350 20 |
| Chhor | 300 12 | 330 12 | 345 06 | 280 04 | 265 02 | 195 04 |
| Chittagong | 175 09 | 175 13 | 215 22 | 230 17 | 260 12 | 310 15 |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | No | Ascent | ... | ... | ... | ... |
| Dacca | ... | ... | ... | ... | ... | ... |
| Dalbandin | ... | ... | 140 06 | 220 12 | 225 16 | 215 21 |
| D. I. Khan | 345 04 | 015 02 | 060 02 | 100 02 | 240 03 | 285 04 |
| Drosh | ... | — | ... | 140 01 | 320 03 | 005 07 |
| Fort Sandeman | — | — | ... | 115 03 | 225 13 | 280 10 |
| Gilgit | ... | ... | — | 230 04 | 210 04 | ... |
| Ishurdi | No | Ascent | | ... | ... | ... |
| Jacobabad | 160 05 | 095 04 | 135 02 | 215 02 | 180 08 | 215 15 |
| Jessore | ... | ... | ... | ... | ... | ... |
| Jhelum | 300 15 | 315 12 | 305 21 | 305 21 | 035 09 | 055 17 |
| Jiwani | 135 09 | 205 09 | 300 08 | 175 09 | 165 06 | 265 02 |
| Karachi | | | | | | |
| Khanpur | 120 04 | 125 04 | 165 02 | 280 04 | 235 01 | 245 13 |
| Khuzdar | ... | ... | ... | 315 07 | 310 09 | 320 10 |
| Lahore | 295 09 | 315 07 | 320 08 | 310 10 | 285 10 | 265 07 |
| Multan | 185 10 | 200 09 | 215 07 | 255 07 | 280 17 | 290 14 |
| Nawab Shah | 145 06 | 225 05 | 225 09 | 225 06 | 345 02 | 250 03 |
| Nokkundi | ... | ... | 060 06 | 210 11 | 250 13 | |
| Panjgur | ... | ... | ... | ... | ... | ... |
| Peshawar | ... | 295 05 | 360 06 | 330 10 | 320 07 | 305 13 |
| Parachinar | ... | ... | ... | . | ... | ... |
| Quetta | ... | ... | | ... | 220 09 | 255 32 |
| Sargodha | 300 09 | 300 10 | 300 10 | 315 09 | 315 11 | 315 21 |
| Skardu | ... | ... | ... | 330 01 | 335 01 | 265 04 |
| Sylhet | 040 09 | 355 09 | 210 08 | 220 14 | 245 10 | 280 15 |
| Veraval | — | ... | ... | — | — | — |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 235 09 | 245 09 | 240 11 | 220 10 | 215 13 | 275 25 | 290 37 | 290 41 | 290 55 | 295 56 | 295 61 |
| Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 265 07 | 290 06 | 015 09 | 310 05 | 290 05 | | ... | ... | ... | ... |
| Chhor | 125 05 | 020 02 | 305 04 | 275 04 | 015 07 | 230 04 | 280 13 | 285 14 | 285 17 | ... | ... |
| Chittagong | 170 05 | 225 17 | 225 17 | 235 17 | 230 18 | 268 16 | 270 86 | 270 48 | 270 40 | 270 40 | 265 46 |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 180 07 | 170 05 | 285 07 | 205 10 | 215 13 | 250 12 | 270 24 | 280 12 | 275 22 | ... | ... |
| Dacca | 175 08 | 225 11 | 250 11 | 250 16 | 250 15 | 275 31 | 220 21 | 275 23 | 300 39 | 290 38 | 300 60 |
| Dalbandin | — | ... | 295 01 | 215 10 | 225 15 | 225 17 | 275 18 | ... | — | ... | ... |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh | ... | ... | ... | ... | | | | | | ... | ... |
| Fort Sandeman | ... | ... | ... | 195 07 | 255 03 | 250 23 | 205 15 | 300 28 | 285 80 | ... | ... |
| Gilgit | | | | 300 05 | 170 01 | | ... | | ... | ... | ... |
| Ishurdi | 215 06 | 245 11 | 240 10 | 236 09 | 230 08 | 265 15 | 290 24 | ... | 290 29 | ... | ... |
| Jacobabad | 115 05 | 180 07 | 180 08 | 215 05 | 240 15 | 180 05 | 280 28 | ... | ... | ... | ... |
| Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | ... | — | ... | ... | | | ... | ... | ... | ... | ... |
| Jiwani | 155 06 | 180 08 | 180 09 | 145 13 | 135 08 | 280 04 | 225 26 | 235 27 | 235 33 | ... | ... |
| Karachi | 270 09 | 270 09 | 280 08 | 255 08 | 150 11 | 166 06 | 245 08 | ... | ... | ... | — |
| Khanpur | 200 08 | 205 08 | 225 01 | 251 61 | 220 15 | 275 09 | 280 10 | 200 12 | 285 28 | 195 09 | 250 21 |
| Khuzdar | | ... | — | 245 03 | 255 06 | 275 15 | 260 19 | ... | ... | ... | ... |
| Lahore | 325 10 | 335 13 | 320 14 | 315 19 | 315 22 | 310 23 | 315 27 | 305 29 | 320 27 | 315 09 | 310 19 |
| Multan | 180 10 | 235 11 | 225 06 | 290 09 | 235 07 | 280 10 | 255 15 | 275 15 | 285 28 | | ... |
| Nawab Shah | 230 01 | 245 06 | 230 08 | 200 07 | 070 04 | 290 12 | 280 21 | 275 25 | 280 30 | 275 51 | — |
| Nokkundi | ... | ... | 050 17 | 265 10 | 250 15 | 205 15 | . | — | ... | .. | ... |
| Panjgur | .. | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | .. | 320 02 | 285 03 | 310 08 | 305 08 | 275 10 | 265 17 | 255 27 | 260 26 | 280 27 | 275 75 |
| Parachinar | ... | ... | — | ... | ... | ... | .. | ... | . | . | ... |
| Quetta | ... | — | | ... | 175 08 | 250 12 | — | ... | — | — | — |
| Sargodha | 270 06 | 285 05 | 290 07 | 300 10 | 310 12 | 295 15 | 280 17 | 270 15 | 275 28 | 295 27 | ... |
| Skardu | | | | 115 07 | /// // | 060 10 | 090 07 | 135 02 | 075 19 | 140 06 | 280 27 |
| Sylhet | 150 06 | 215 02 | 250 09 | 235 06 | 245 08 | — | ... | ... | ... | ... | — |
| Veraval | — | ... | ... | ... | ... | — | ... | ... | — | ... | — |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 301 14 | 300 10 | 290 09 | 240 08 | 120 08 | 080 04 | 275 05 | 295 19 | 270 23 | 270 73 | 275 88 | ... | ... | ... | ... | ... | ... | ... |
| Multan | | | | | | | | | | | | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C

$T_a$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

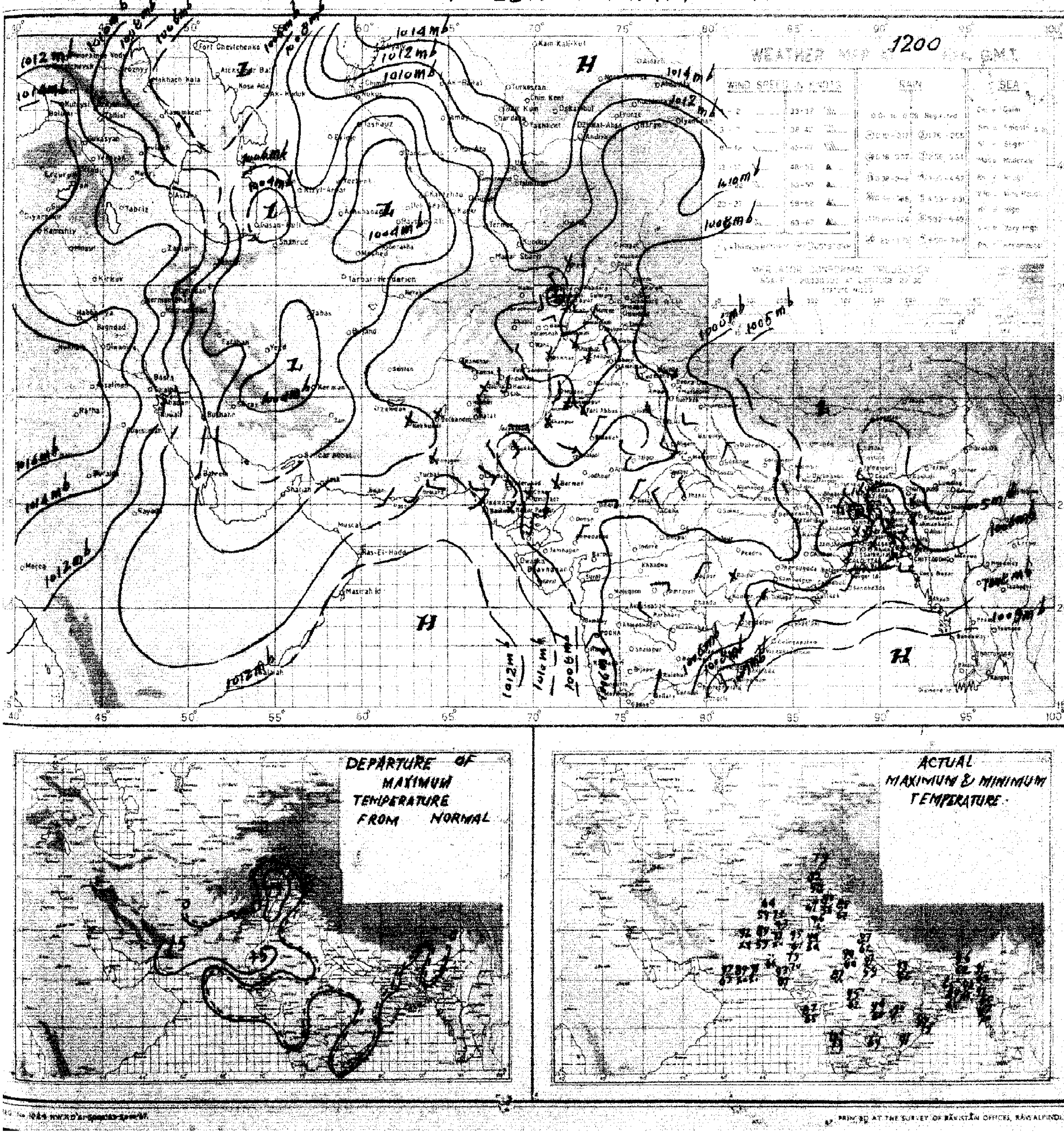
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

MONDAY 23rd MARCH, 1970

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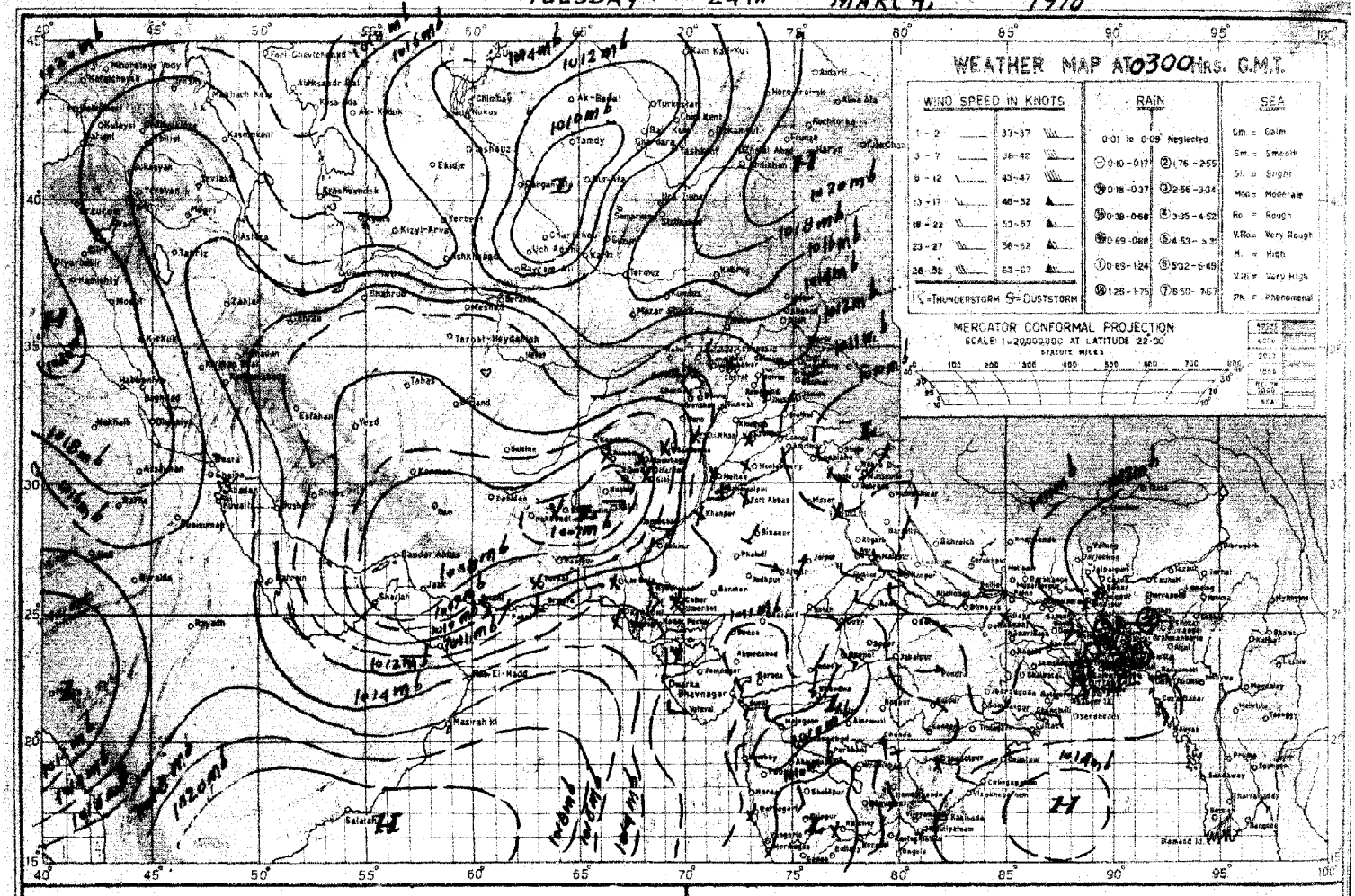
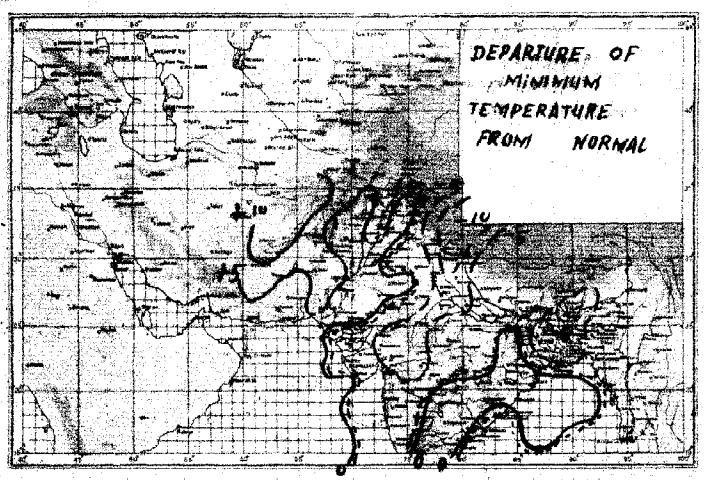
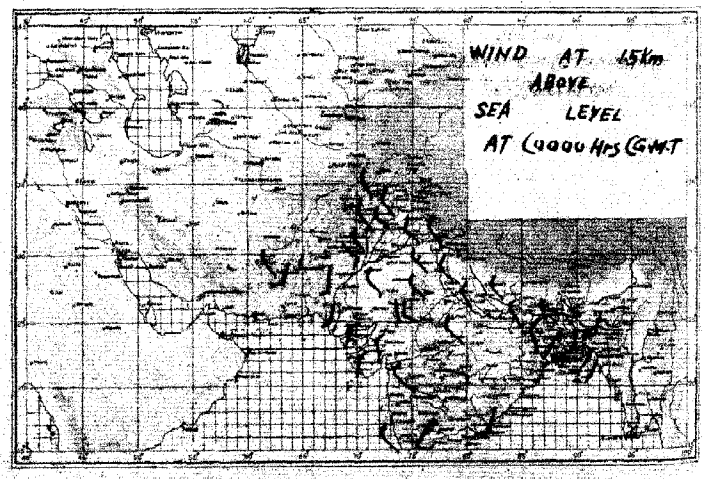
# PAKISTAN DAILY WEATHER MAP

TUESDAY 24th MARCH, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

WEDNESDAY THE 25th MARCH, 1970.

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's western disturbance over southeast Iran and adjoining Kalat divisions, weakened and is now moving across the northern and central divisions of west Pakistan. It has caused scattered rain in Malakand division and a few thundetrorms in Khairpur division. Dry weather prevailed elsewhere over west Pakistan.

Yesterday's westerly low pressure wave over East Pakistan moved away eastwards. A trough of low pressure lies over Orissa and West Bengal. Scattered rain or thundershowers have occurred in Dacca and Khulna divisions and a few thunderstorms in Chittagong division. Weather remained dry in Rajshahi division.

Chief amounts of rainfall are : Khulna and Narayanganj and Drosh ½" each.

Night temperatures were 9—12 °F (5—7 °C) above normal in Rawalpindi, Peshawar divisions and 3—8 °F (2—4 °C) so in Rajshahi division and elsewhere in west Pakistan outside Kalat, Karachi and Hyderabad divisions and were 3—6 °F (2—3 °C) below normal in the northern districts of Kalat division.

**Forecast valid until the evening of 26th March 1970 :**—Scattered thunderstorms/showers are likely to occur in Quetta, D. I. Khan, Peshnwar, Malakand, Dacca and Chittagong divisions and Kashmir.

Weather is likely to be dry elsewhere over the country.

**Earth Quake Report** The Seismograph of the geophysical centre, Quetta recorded an earthquake of severe intensity on the 24th March 1970 at 16 hours and 47 minutes W.P.S.T. Its epicentre lay about 5300 miles southeast of Quetta near New Guinea. It also recorded another earthquake of moderate intensity at 20 hours and 47 minutes W.P.S.T. on the same day with epicentre lying about 30 miles southeast of Kabul near Pakistan—Afghanistan border.

Karachi-11
The 25th March, 1970.

## OBSERVATIONS

QAZI SUBHAN AHMAD
for Director, Meteorological Service.

**At 12 Hrs. G.M.T. of Previous day**

| Division (1) | Stations (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 1 | 23 | 05 | 96 | 04 | 0 | 090 | 87 | 1 | 1 | 7 | 0 | 0 | // | 96 |
| | Cox's Bazar | — | 000 | 0 | 2 | 18 | 05 | 93 | 03 | 0 | 098 | 82 | 0 | 0 | 9 | 0 | 0 | 64 | 86 |
| | Chittagong | — | 000 | 0 | 3 | 23 | 07 | 96 | 03 | 0 | 096 | 82 | 1 | 3 | 6 | 1 | 2 | 70 | 90 |
| | Maijdee Court | — | 000 | 4 | 0 | 18 | 02 | 98 | 00 | 0 | 104 | 87 | 0 | 0 | 9 | 0 | 0 | 80 | // |
| | Comilla | — | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 088 | 80 | 7 | 4 | 4 | 0 | 0 | 60 | 87 |
| | Brahmanbaria | — | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 1 | 085 | 80 | 2 | 1 | 7 | 0 | 0 | 67 | 87 |
| | Sylhet | — | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 086 | 80 | 2 | : | 6 | 0 | 0 | 64 | 86 |
| | Srimangal | — | .. | .. | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | .. | ... | ... | ... | ... |
| Dacca | Mymensingh | — | 000 | 0 | 0 | 00 | 00 | 94 | 00 | 0 | 096 | 68 | 0 | 0 | 9 | 0 | 0 | 70 | 82 |
| | Narayanganj | — | 000 | 0 | 4 | 00 | 00 | 93 | 03 | 1 | 077 | 87 | 3 | 6 | 6 | 3 | 1 | 72 | 87 |
| | Dacca (Tezgaon) | — | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 079 | 85 | 2 | 9 | 6 | 0 | 0 | 70 | 90 |
| | Faridpur | — | 000 | 0 | 1 | 20 | 02 | 97 | 02 | 2 | 042 | 82 | 3 | 5 | 5 | 0 | 0 | 63 | 82 |
| Khulna | Barisal | — | 000 | 0 | 6 | 18 | 07 | 96 | 02 | 2 | 078 | 85 | 4 | 3 | 4 | 7 | 0 | 70 | 90 |
| | Khulna | — | 050 | 0 | 8 | 00 | 10 | 97 | 00 | 0 | 084 | 91 | 4 | 2 | 9 | 0 | 0 | 67 | 91 |
| | Satkhira | — | 000 | 0 | 6 | 18 | 03 | 96 | 17 | 9 | 070 | 87 | 6 | 3 | 6 | 0 | 0 | 70 | 91 |
| | Jessore | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rajshahi | Pabna | — | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 069 | 87 | 0 | 0 | 9 | 0 | 0 | 66 | 90 |
| | Sirajganj | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rajshahi | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 070 | 85 | 0 | 0 | 9 | 0 | 0 | 60 | 90 |
| | Bogra | — | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 1 | 077 | 82 | 0 | 0 | 9 | 0 | 0 | 67 | 87 |
| | Dinajpur | — | | | | | | | | | | | | | | | | | |
| | Rangpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 060 | 78 | 0 | 0 | 9 | 0 | 0 | 70 | 96 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 4 | 31 | 03 | 96 | 03 | 0 | 078 | 85 | 2 | 0 | 9 | 7 | 1 | 51 | 87 |
| | Sialkot | — | 000 | 0 | 2 | 31 | 02 | 98 | 02 | 0 | 064 | 90 | 0 | 0 | 9 | 0 | 1 | 56 | 91 |
| Rawalpindi | Jhelum | — | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | |
| | Islamabad | — | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | /// | 77 | 1 | 1 | 8 | 0 | 0 | 49 | 78 |
| | Rawalpindi | — | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 073 | 82 | 0 | 0 | 9 | 0 | 4 | 51 | 82 |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | // | 98 | 00 | 0 | 072 | 90 | 0 | 0 | 9 | 0 | 0 | 70 | 90 |
| | Sargodha | — | 000 | 0 | 6 | 27 | 03 | 97 | 01 | 1 | 072 | 90 | 0 | 0 | 9 | 0 | 2 | 47 | 91 |
| | Lyallpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 079 | // | 0 | 0 | 9 | 0 | 0 | 77 | 87 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 8 | 18 | 05 | 97 | 02 | 2 | 079 | 87 | 3 | 5 | 6 | 2 | / | 47 | 90 |
| | Leiah | — | 000 | 0 | 8 | 36 | 00 | 94 | 02 | 2 | 075 | 82 | 0 | 0 | 9 | 0 | 8 | 51 | 82 |
| Bahawalpur | Khanpur | — | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 074 | 93 | 3 | 0 | 9 | 3 | 0 | 50 | 95 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 093 | 90 | 0 | 0 | 9 | 0 | 0 | // | 93 |
| | Fort Abbas | — | /// | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 067 | 90 | 0 | 0 | 9 | 0 | 0 | 47 | 91 |
| Malakand | Chakdara | — | 000 | 0 | 2 | 21 | // | 98 | 03 | 1 | 050 | 80 | 0 | 0 | 9 | 0 | 8 | 52 | 82 |
| Peshawar | Peshawar | — | 000 | 0 | 1 | 13 | 03 | 98 | 02 | 0 | 065 | 76 | 1 | 0 | 9 | 3 | 1 | 54 | 86 |
| | Haripur | — | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 069 | 80 | 0 | 0 | 9 | 0 | 0 | 52 | 82 |
| D. I. Khan | Bannu | — | 000 | 0 | 2 | 09 | 01 | 90 | 01 | 0 | 069 | 85 | 0 | 0 | 9 | 0 | 4 | 51 | 87 |
| | D. I. Khan | — | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 071 | 86 | 0 | 0 | 9 | 0 | 0 | 49 | 00 |
| Quetta | Sibi | — | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 070 | 93 | 4 | 2 | 9 | 4 | 2 | 56 | 94 |
| | Nokkundi | — | 000 | 0 | 0 | 13 | 05 | 96 | 01 | 0 | 099 | 90 | 0 | 0 | 9 | 0 | 0 | 49 | 91 |
| Kalat | Turbat | — | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 1 | 113 | 94 | 0 | 0 | 9 | 0 | 0 | 56 | 94 |
| | Jiwani | — | 000 | 0 | 1 | 18 | 09 | 96 | 02 | 1 | 098 | 80 | 1 | 0 | 9 | 2 | 0 | 64 | 84 |
| | Pasni | — | 000 | 0 | 0 | 25 | 06 | 97 | 02 | 0 | 117 | 84 | 0 | 0 | 9 | 0 | 0 | 69 | 86 |
| Karachi division | Ormara | — | 000 | 0 | 0 | 27 | 14 | 96 | 02 | 0 | 107 | 80 | 0 | 0 | 9 | 0 | 0 | 76 | 83 |
| | Lasbela | — | 000 | 0 | 4 | 18 | 02 | 98 | 00 | 0 | 076 | 99 | 0 | 0 | 8 | 0 | 0 | 57 | 01 |
| | Karachi (Manora) | — | 000 | 0 | 3 | 27 | 05 | 97 | 03 | 0 | 101 | 80 | 0 | 0 | 9 | 0 | 1 | 72 | 81 |
| | Karachi (Airport) | — | 000 | 0 | 2 | 25 | 07 | 96 | 03 | 0 | 091 | 91 | 0 | 0 | 9 | 0 | 1 | 49 | 92 |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 158 | 88 | 0 | 0 | 9 | 0 | 0 | 68 | 90 |
| | Chhor | — | 000 | 0 | 6 | 00 | 00 | 96 | 03 | 1 | 074 | 93 | 0 | 0 | 9 | 0 | 5 | 49 | 00 |
| | Hyderabad | — | 000 | 0 | 3 | 13 | 05 | 97 | 01 | 1 | 082 | 97 | 0 | 0 | 9 | 0 | 1 | 48 | 02 |
| | Badin | — | 000 | 0 | 4 | 27 | 05 | 97 | 03 | 0 | 092 | 99 | 0 | 0 | 9 | 0 | 0 | 51 | 01 |
| Khairpur | Padidan | — | 000 | 0 | 2 | 18 | 03 | 96 | 03 | 0 | 087 | 97 | 0 | 0 | 9 | 0 | 1 | 43 | 99 |
| | Nawabshah | — | 000 | 0 | 5 | 22 | 03 | 96 | 03 | 1 | 082 | 97 | 0 | 0 | 9 | 0 | 4 | 67 | 00 |
| | Sukkur | — | — | ... | ... | ... | ... | ... | — | — | ... | .. | ... | ... | ... | .. | ... | ... | ... |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | 071 | 95 | 0 | 0 | 9 | 0 | 0 | 77 | 96 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | |
| | Dras | ** ... | | | | | | | | | | | | | | | | | |
| | Leh | ** ... | | | | | | | | | | | | | | | | | |
| | Skardu | * ... | | | | | | | | | | | | | | | | | |
| | Misgar | ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | * ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | * ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat | * ... | 000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 02 | 0 | 490 | 73 | 0 | 0 | 9 | 8 | 0 | 45 | 76 |
| | Kakul | * ... | 000 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | 01 | 1 | 485 | 73 | 0 | 0 | 9 | 0 | 1 | 38 | 76 |
| | Landikotal | * ... | 000 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 0 | 467 | 77 | 0 | 0 | 9 | 8 | 0 | 64 | 78 |
| | Parachinar | * ... | 000 | [illegible] | 3 | [illegible] | [illegible] | [illegible] | [illegible] | 0 | 480 | 68 | 5 | 7 | 0 | / | / | 33 | 71 |
| D.I. Khan | Miranshah | * ... | 000 | 0 | 0 | 00 | [illegible] | [illegible] | [illegible] | [illegible] | 505 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 80 |
| | Wana | * ... | 000 | 0 | 0 | 00 | 00 | [illegible] | [illegible] | [illegible] | 472 | 70 | 0 | 0 | 9 | 0 | 0 | 56 | 72 |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 6 | 23 | 07 | 97 | [illegible] | [illegible] | [illegible] | 78 | 3 | 0 | 9 | 3 | 1 | 37 | 80 |
| | Hindubagh | * ... | 000 | 0 | 0 | 22 | 13 | 97 | [illegible] | [illegible] | [illegible] | 40 | 8 | 0 | 8 | 0 | 5 | 30 | 65 |
| | Loralai | * ... | 000 | 0 | 0 | 18 | 03 | 98 | 00 | [illegible] | [illegible] | [illegible] | 0 | 1 | 9 | 1 | 8 | 45 | 65 |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | |
| | Harnai | * ... | 000 | 0 | 4 | 13 | 02 | 96 | 03 | [illegible] | [illegible] | [illegible] | [illegible] | 0 | 9 | 0 | 6 | 42 | 80 |
| | Samungli (Quetta) | * ... | 000 | 0 | 7 | 27 | 05 | 96 | 02 | 2 | [illegible] | [illegible] | [illegible] | 0 | 9 | 3 | 0 | 41 | 75 |
| | Chaman | * ... | 000 | 0 | 0 | 23 | 05 | 95 | 07 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | 9 | 0 | 0 | 45 | 81 |
| | Nushki | * ... | 000 | 0 | 6 | 23 | 03 | 97 | 03 | 0 | 531 | [illegible] | [illegible] | [illegible] | 9 | 0 | 2 | 46 | 86 |
| | Dalbandin | * ... | 000 | 0 | 6 | 23 | 03 | 95 | 03 | 2 | 481 | [illegible] | [illegible] | [illegible] | [illegible] | 2 | 0 | 33 | 89 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 18 | 02 | 97 | 00 | 2 | 470 | 71 | [illegible] | [illegible] | [illegible] | [illegible] | 0 | 37 | 73 |
| | Khuzdar | * ... | 000 | 0 | 0 | 19 | 02 | 97 | 01 | 0 | 477 | 84 | [illegible] | [illegible] | [illegible] | [illegible] | 0 | 42 | 85 |
| | Panjgur | * ... | 000 | 0 | 0 | 23 | 05 | 96 | 01 | 0 | 485 | 85 | 0 | [illegible] | [illegible] | [illegible] | 0 | 53 | 87 |

**At 0300 Hrs. G. M. T. of date; Departure from Normal of; Rainfall**

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wc (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure: Maximum temperature TxTx (37) | Departure: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 1 | 15 | 05 | 97 | 04 | 0 | 157 | 87 | 1 | 4 | 6 | 8 | 7 | 66 | 73 | — | — | 4.0 | — | 2.4 | |
| Cox's Bazar | 000 | 0 | 4 | 25 | 06 | 96 | 03 | 0 | 150 | 82 | 3 | 3 | 4 | 3 | 0 | 73 | 71 | — 1 | + 2 | 1.0 | — 5.0 | 0.3 | 142 |
| Chittagong | 000 | 3 | 5 | 13 | 03 | 96 | 02 | 9 | 147 | 82 | 3 | 3 | 4 | 3 | 0 | 73 | 71 | + 3 | + 1 | 1.5 | — 4.7 | 0.6 | 108 |
| Maijdee Court | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 141 | 80 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | / | + 1 | 3.8 | — 1.1 | 3.4 | 115 |
| Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 132 | 80 | 0 | 0 | 9 | 3 | 0 | 71 | 69 | — 4 | — 1 | 2.4 | — 3.0 | 2.0 | 74 |
| Brahmanbaria | 000 | 0 | 6 | 18 | 02 | 97 | 03 | 1 | 140 | 82 | 4 | 4 | 5 | 0 | 0 | 73 | 68 | — | — | — | — | | 78 |
| Sylhet | 000 | 0 | 1 | 09 | 02 | 96 | 04 | 0 | 150 | 77 | 1 | 0 | 9 | 0 | 0 | 64 | 66 | — | — | 9.6 | | 6.1 | — |
| Srimangal | 000 | 0 | 5 | 11 | 02 | 96 | 04 | 0 | 147 | 77 | 3 | 9 | 4 | 7 | 2 | 68 | 63 | | 0 | 3.2 | — 2.6 | 1.7 | 98 |
| Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 152 | 80 | 0 | 0 | 9 | 0 | 0 | 58 | 66 | — 8 | — 1 | — | — | — | 91 |
| Narayanganj | 020 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 143 | 80 | 4 | 6 | 6 | 3 | 1 | 73 | // | — 4 | / | 3.5 | — 0.9 | 2.2 | 74 |
| Dacca (Tezgaon) | 000 | 9 | 3 | 00 | 00 | 96 | 05 | 9 | 143 | 80 | 3 | 5 | 4 | 0 | 0 | 73 | 69 | — | — | 3.0 | | 1.6 | — |
| Faridpur | 000 | 0 | 6 | 20 | 02 | 97 | 01 | ' | 137 | 79 | 4 | 4 | 6 | 1 | 0 | 64 | 62 | — 8 | — 7 | 3.9 | — 0.7 | 2.3 | 71 |
| Barisal | 000 | 0 | 4 | 18 | 02 | 96 | 03 | 2 | 140 | 80 | 4 | 5 | 4 | 0 | 0 | 73 | 67 | — 1 | — 2 | 2.2 | — 2.4 | 1.3 | 81 |
| Khulna | 050 | 9 | 0 | 00 | 00 | 97 | 0· | 0 | 145 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 7? | — 1 | + 2 | 5.3 | + 1.3 | 3.9 | 60 |
| Satkhira | 000 | 0 | 2 | 18 | 02 | 97 | 00 | 0 | 138 | 82 | 0 | 1 | 9 | 0 | 0 | 75 | 71 | — 3 | 0 | 3.9 | 0.9 | 3.7 | 65 |
| Jessore | 003 | 4 | 3 | 18 | 08 | 97 | 03 | 4 | 136 | 80 | 3 | 7 | 4 | 0 | 0 | 75 | 68 | | — | 4.9 | + 0.7 | 3.7 | 65 |
| Pabna | 000 | 0 | 6 | 13 | 02 | 97 | 03 | 1 | 138 | 79 | 8 | 0 | 9 | 9 | / | 75 | // | — | — | — | | — | 59 |
| Sirajganj | 000 | 0 | 6 | 18 | 02 | 98 | 01 | 2 | 147 | 77 | 6 | 0 | 7 | 4 | 0 | 73 | 69 | | + 3 | 2.4 | — 0.4 | 2.0 | 64 |
| Rajshahi | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 142 | 79 | 3 | 4 | 5 | 0 | 1 | 73 | 69 | — 2 | + 2 | — | | — | — |
| Bogra | 000 | 0 | 5 | 13 | 02 | 96 | 03 | 0 | 140 | 80 | 5 | 5 | 4 | 0 | 0 | 72 | 69 | — 6 | + 4 | 2.3 | — 0.6 | 1.9 | 69 |
| Dinajpur | | | | | | | | | | | | | | | | | | | | | | | 72 |
| Rangpur | 000 | 0 | 0 | 09 | 02 | 96 | 01 | 0 | 149 | 79 | 0 | 0 | 9 | 0 | 0 | 66 | 69 | + 6 | + 6 | 2.2 | + 0.5 | 1.2 | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 118 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 62 | + 1 | + 7 | 2.0 | — 1.2 | 2.0 | 19 |
| Sialkot | ... | ... | ... | ... | ... | .. | ... | .. | — | — | — | .. | .. | — | | ... | ... | — | | | | | 32 |
| Jhelum | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 1 | 120 | 68 | 3 | 0 | 9 | 7 | 0 | 58 | 60 | | — | — | — | — | — |
| Islamabad | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | /// | 72 | 3 | 4 | 7 | 2 | 0 | 54 | 64 | — | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 2 | 117 | 64 | 0 | 0 | 9 | 0 | 3 | 54 | 63 | + 3 | + 10 | 8.6 | — 0.1 | 8.4 | 38 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 6 | 36 | // | 97 | 01 | 0 | 147 | 69 | 5 | 5 | 3 | 9 | 3 | 56 | 62 | + 8 | + 3 | 1.5 | — 1.5 | 1.5 | 15 |
| Sargodha | 000 | 0 | 1 | 09 | 10 | 96 | 04 | 0 | 104 | 69 | 1 | 0 | 2 | 3 | 1 | 58 | 62 | — | — | 1.9 | — | 1.7 | — |
| Lyallpur | 000 | 0 | 0 | 13 | 02 | 96 | 00 | 0 | 106 | 68 | 0 | 0 | 9 | 0 | 0 | 58 | 59 | + 1 | + 2 | 1.8 | 0.0 | 1.5 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 0 | 107 | 72 | 0 | 0 | 9 | 0 | 1 | 46 | 66 | + 4 | + 6 | 0.8 | — 0.4 | 0.8 | 7 |
| Leiah | 000 | 0 | 6 | 36 | 00 | 93 | 03 | 2 | 105 | 66 | 0 | 0 | 9 | 0 | 6 | 56 | 54 | — | — | — | — | — | 8 |
| Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 105 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 62 | + 4 | + 5 | 2.0 | + 0.0 | 1.7 | 6 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 109 | 73 | 0 | 0 | 9 | 0 | 0 | 43 | // | + 4 | / | 0.2 | + 0.0 | 0.2 | 6 |
| Fort Abbas | /// | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 119 | 75 | 0 | 0 | 9 | 0 | 0 | 52 | // | — | — | 0.1 | — | 0.1 | 8 |
| Chakdara | 000 | 0 | 7 | 09 | 07 | 97 | 02 | 0 | 094 | 64 | 7 | 0 | 9 | 6 | 0 | 56 | 54 | — | — | 6.0 | — | 4.9 | — |
| Peshawar | 000 | 0 | 7 | 27 | 02 | 96 | 04 | 2 | 111 | 68 | 8 | 5 | 6 | 7 | 0 | 58 | 66 | + 9 | + 11 | 3.8 | — 2.1 | 3.1 | 11 |
| Haripur | 000 | 4 | 5 | 36 | 02 | 97 | 01 | 2 | 168 | 69 | 5 | 0 | 9 | 0 | 5 | 54 | 62 | — | — | 8.3 | — | 7.4 | — |
| Bannu | 000 | 0 | 5 | 34 | 01 | 98 | 03 | 1 | 110 | 66 | 0 | 0 | 9 | 6 | 0 | 54 | 64 | — | — | 8.0 | — | 7.5 | 11 |
| D. I. Khan | 000 | 0 | 3 | 05 | 03 | 97 | 02 | 1 | 066 | 69 | 0 | 0 | 9 | 0 | 2 | 58 | 62 | + 15 | + 4 | 8.4 | + 6.1 | 8.4 | 9 |
| Sibi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 114 | 68 | 0 | 0 | 9 | 0 | 0 | 66 | 64 | — | — | 0.9 | — | 0.9 | 8 |
| Nokkundi | 000 | 0 | 6 | 13 | 03 | 96 | 03 | 0 | 098 | 71 | 6 | 5 | 6 | 0 | 0 | 62 | 67 | — | — | 3.5 | — | 3.5 | 3 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 121 | 70 | 0 | 0 | 9 | 0 | 0 | 68 | 68 | — | — | 0.7 | — | 0.7 | — |
| Jiwani | 000 | 0 | 2 | 23 | 02 | 96 | 01 | 0 | 128 | 72 | 2 | 6 | 4 | 0 | 0 | 68 | 68 | — | — | 9.2 | — | 8.3 | 5 |
| Pasni | ... | ... | ... | ... | — | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | .. | 0 | | | | | 6 |
| Ormara | 000 | 0 | 1 | 27 | 09 | 96 | 02 | 2 | 130 | 74 | 1 | 6 | 6 | 0 | 0 | 70 | // | — | — | 2.9 | — 1.7 | 2.9 | 4 |
| Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 117 | 71 | 0 | 0 | 8 | 0 | 0 | 66 | 65 | — | — | — | — | — | 8 |
| Karachi (Manora) | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 117 | 74 | 0 | 0 | 9 | 0 | 0 | 69 | 71 | — 3 | 0 | 1.1 | — 0.4 | 1.1 | 8 |
| Karachi (Airport) | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | 118 | 70 | 1 | 6 | 5 | 0 | 0 | 67 | 68 | — | — | 3.0 | — | 3.0 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 172 | 70 | 0 | 0 | 9 | 0 | 0 | 16 | 70 | — | — | — | — | — | — |
| Chhor | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 113 | 70 | 0 | 0 | 9 | 0 | 0 | 57 | 63 | — | — | 2.5 | — | 2.5 | 7 |
| Hyderabad | 000 | 0 | 0 | 26 | 02 | 98 | 02 | 0 | 112 | 73 | 0 | 0 | 9 | 0 | 0 | 63 | 66 | + 7 | 0 | 1.1 | + 0.3 | 1.1 | 9 |
| Badin | 000 | 0 | 0 | 23 | 01 | 97 | 02 | 0 | 143 | 70 | 0 | 0 | 9 | 0 | 0 | 66 | 70 | + 6 | + 6 | 0.1 | — 0.9 | 0.1 | — |
| Padidan | 000 | 0 | 1 | 13 | 03 | 96 | 01 | 0 | 090 | 71 | 0 | 0 | 9 | 0 | 1 | 45 | 64 | — | — | 0.9 | — | 0.9 | — |
| Nawabshah | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 105 | 70 | 0 | 0 | 9 | 0 | 0 | 51 | 60 | — | — | 0.4 | — | 0.4 | 4 |
| Sukkur | 000 | 2 | 0 | 23 | 02 | 95 | 05 | 4 | 098 | 74 | 0 | 0 | 9 | 0 | 0 | 53 | 69 | | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 3 | 18 | 02 | 96 | 13 | 0 | 101 | 73 | 3 | 0 | 9 | 3 | 0 | 66 | 67 | + 3 | + 4 | 2.2 | + 1.2 | 7.1 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 34 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Murree | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh | 022 | 3 | 8 | 16 | 03 | 96 | 54 | 3 | 520 | 49 | 8 | 5 | 6 | / | / | 45 | 49 | | + 7 | — | — | — | 29 |
| Cherat | 000 | 0 | 8 | 00 | 00 | 98 | 01 | 2 | 494 | 62 | 0 | 0 | 9 | 0 | 3 | 45 | 60 | + 15 | + 12 | 6.0 | — 3.3 | 5.3 | — |
| Kakul | 000 | 0 | 7 | 07 | 02 | 98 | 03 | 2 | 501 | 62 | 4 | 4 | 6 | 3 | 0 | 46 | 56 | — | — | — | — | — | — |
| Landikotal | 000 | 0 | 8 | 36 | 05 | 98 | 03 | 0 | 656 | 64 | 8 | 7 | 6 | 2 | 0 | 56 | 54 | — | — | 4.3 | — | 3.6 | 29 |
| Parachinar | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | .. | ... | ... | .. | .. | ... | ... | + 8 | | | | | 12 |
| Miranshah | 000 | 0 | 5 | 05 | 05 | 96 | 03 | 0 | 497 | 64 | 4 | 0 | 9 | 0 | 0 | 54 | 60 | — | — | 0.1 | — 5.7 | 0.1 | 11 |
| Wana | 000 | 0 | 0 | 00 | 00 | // | // | / | 481 | 62 | 0 | 0 | 9 | 0 | 0 | 49 | // | — | — | — | — | — | 13 |
| Fort Sandeman | 000 | 0 | 0 | 36 | 02 | 96 | 05 | 0 | 494 | 63 | 0 | 0 | 9 | 0 | 0 | 51 | 55 | + 5 | + 7 | 2.4 | — 1.4 | 2.4 | — |
| Hindubagh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 49 | 0 | 0 | 9 | 0 | 0 | 39 | 30 | — | — | 1.7 | — | 1.5 | 9 |
| Loralai | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 480 | // | 0 | 0 | 9 | 0 | 0 | 49 | 55 | — | — | 2.2 | — | 2.1 | — |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 468 | 64 | 0 | 0 | 9 | 0 | 0 | 43 | 59 | — | — | 2.6 | — 1.9 | 2.6 | 9 |
| Samungli (Quetta) | 000 | 0 | 1 | 00 | 00 | 95 | 03 | 0 | 507 | 53 | 1 | 0 | 9 | 4 | 0 | 41 | 45 | — | — | 5.4 | — 1.2 | 2.8 | 9 |
| Chaman | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 492 | 63 | 0 | 0 | 9 | 0 | 0 | 45 | 62 | + 13 | + 15 | 7.7 | + 1.5 | 7.9 | — |
| Nushki | 000 | 0 | 2 | 09 | 03 | 97 | 02 | 0 | 530 | 70 | 0 | 0 | 9 | 0 | 2 | 33 | 68 | — | — | 3.5 | — | 3.5 | 4 |
| Dalbandin | 000 | 0 | 6 | 05 | 02 | 95 | 05 | 2 | 488 | 65 | 6 | 0 | 9 | 3 | 0 | 46 | 61 | + 6 | + 8 | 3.3 | + 0.4 | 3.3 | 9 |
| Kalat | 000 | 0 | 0 | 30 | 02 | 98 | 09 | 2 | 510 | 55 | 0 | 0 | 9 | 0 | 0 | 32 | 32 | + 9 | — 6 | 3.0 | — 1.7 | 3.0 | — |
| Khuzdar | ... | — | — | ... | | | | | — | | | | | | | | — | — | | | | | 8 |
| Panjgur | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 470 | 61 | 0 | 0 | 9 | 0 | 1 | 48 | 57 | + 4 | + 2 | — | — | — | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, [redacted] figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, [redacted] 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 [redacted] G.M.T. of the same day

When over 999 is given 999 see the summary above for the actual amounts of rainfall

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 25th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR t_Rt_R$ | $8N_sCh_s h_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{ws}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Komsomolet | 99 2 22 | 10 6 00 | 24 0 03 | 62 4 08 | 98 0 31 | 10 2 23 | 13 7 12 | ... | | | ... | 12 5 32 | 3/ 1 01 | |
| Dwarka | 99 2 37 | 10 6 72 | 24 1 83 | 12 6 15 | 99 0 10 | 12 8 24 | 11 5 00 | 30 2 21 | | | 01 0 21 | ... | 30 5 01 | |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_aDD$ | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | 012 241 55 | .. | 500 173 60 | 146 040 11 | 579 121 66 | 745 255 66 | 948 355 68 | 225 499 // | .. | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 008 234 45 | .. | 450 /44 36 | 092 060 57 | 576 091 // | 745 191 // | 956 285 // | 240 381 // | ... | ... | ... | ... | ... |
| Multan | 00 00 | 994 210 64 | ... | 403 154 56 | 089 0/0 54 | 576 095 // | 745 193 // | 952 351 // | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | 968 194 45 | ... | 400 182 50 | 097 050 56 | 576 095 // | 747 171 // | 811 271 // | 246 371 // | ... | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | . | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | 995 160 56 | .. | 480 194 61 | 131 080 57 | 579 125 // | 746 231 // | 951 331 // | 232 415 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | 00 00 | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | 00 00 | 994 210 64 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 00 00 | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 119 57 | 215 16 | 235 17 | 240 10 | 250 09 | .. | ... | ... | . |
| Bogra | 120 07 | 230 07 | 230 07 | 235 13 | 270 13 | 280 23 | 285 18 | /// // | 280 23 |
| Chaklala | ... | 280 09 | 265 07 | 050 02 | 340 02 | 285 12 | 240 12 | 252 01 | 270 27 |
| Chhor | 260 06 | 260 07 | 250 08 | 265 04 | 020 03 | 165 03 | 285 15 | /// // | 290 15 |
| Chittagong | 215 08 | 215 15 | 220 17 | 240 09 | 215 61 | 250 17 | 255 24 | 260 26 | 265 33 |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 205 07 | 215 13 | 235 15 | 255 14 | 300 15 | 300 16 | ... | ... | ... |
| Dacca | 350 04 | 350 04 | 350 07 | 330 09 | 285 09 | 255 09 | 190 27 | 300 24 | 265 35 |
| Dalbandin | ... | ... | 220 07 | 200 13 | 225 21 | 225 20 | ... | ... | ... |
| D. I. Khan | 181 01 | 175 10 | /// // | 170 15 | 185 10 | 250 09 | 260 10 | 255 17 | 279 15 |
| Drosh | ... | ... | ... | 050 08 | 070 09 | 070 10 | | | ... |
| Fort Sandeman | ... | ... | ... | 185 11 | 200 07 | 250 10 | 275 24 | 295 31 | ... |
| Gilgit | ... | ... | ... | 305 02 | 050 02 | | ... | ... | ... |
| Jahurdi | 130 06 | 180 04 | 220 70 | 245 17 | 255 18 | 270 29 | 270 31 | ... | ... |
| Jacobabad | 225 04 | 190 05 | 190 05 | 195 07 | 240 17 | 230 15 | 175 27 | 280 43 | 270 62 |
| Jessore | 150 20 | 180 13 | 220 14 | 240 16 | 280 13 | 300 23 | 295 21 | ... | ... |
| Jhelum | 290 05 | 290 10 | 290 09 | 300 11 | 315 16 | 305 18 | 250 15 | 280 28 | 265 27 |
| Jiwani | 180 09 | 205 07 | 200 07 | 180 12 | 210 05 | 210 15 | 235 31 | 230 36 | 235 41 |
| Karachi | 250 10 | 245 10 | 245 07 | 230 06 | 175 09 | 185 09 | 275 08 | 245 13 | 250 18 |
| Khanpur | 230 08 | 230 08 | 225 10 | 225 10 | 220 10 | 245 13 | 288 21 | | |
| Khuzdar | ... | | | 225 06 | 240 05 | 280 10 | 205 25 | 285 34 | 295 42 |
| Lahore | 290 16 | 295 15 | 300 13 | 305 17 | 315 19 | 325 20 | 315 17 | 275 13 | 275 12 |
| Multan | 200 10 | 205 09 | 205 10 | 220 13 | 220 12 | 230 13 | 265 10 | ... | ... |
| Nawab Shah | 165 04 | 185 05 | 200 05 | 210 06 | 210 09 | 295 11 | 260 16 | 265 33 | 270 19 |
| Nokkundi | ... | ... | 170 07 | 200 06 | 210 10 | 200 10 | 230 43 | 235 14 | . |
| Panjgur | ... | | ... | 215 12 | 195 07 | 185 12 | 250 09 | 165 33 | 275 27 |
| Peshawar | ... | 090 03 | 265 01 | 180 04 | 251 03 | 230 07 | 270 17 | 260 23 | 270 27 |
| Parachinar | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | .. | .. | | 215 05 | 205 04 | ... | ... | 270 27 | |
| Sargodha | 250 03 | 250 09 | 255 07 | 245 09 | 285 10 | 295 16 | 269 17 | 265 01 | 270 27 |
| Skardu | ... | .. | ... | | ... | | 230 01 | 280 27 | ... |
| Sylhet | 270 51 | 220 03 | 220 04 | 265 13 | 270 81 | 260 26 | 275 35 | ... | .. |
| Veraval | ... | ... | | ... | ... | . | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 230 13 | 225 10 | 195 10 | 210 19 | 350 08 | 295 25 |
| Bogra | 185 03 | 205 02 | 200 05 | 300 03 | 290 10 | 285 12 |
| Chaklala | ... | .. | . | ... | ... | ... |
| Chhor | 265 23 | 265 31 | 255 30 | 245 17 | 220 13 | 120 10 |
| Chittagong | 160 04 | 175 06 | 130 05 | 320 07 | 310 11 | 260 13 |
| Cherat | ... | ... | | .. | ... | .. |
| Cox's Bazar | 175 03 | 180 04 | 215 04 | 195 02 | 265 11 | 305 11 |
| Dacca | 240 07 | 240 09 | 210 10 | ... | ... | .. |
| Dalbandin | | ... | 095 11 | 115 17 | 205 06 | 260 23 |
| D. I. Khan | 025 06 | 040 07 | 090 06 | 160 04 | 220 04 | 235 08 |
| Drosh | ... | No | Ascent | ... | ... | ... |
| Fort Sandeman | .. | ... | ... | 215 04 | 260 03 | 215 04 |
| Gilgit | | | | 185 03 | 155 01 | 150 05 |
| Jahurdi | 145 15 | 130 12 | 125 10 | 270 07 | .. | ... |
| Jacobabad | 130 05 | 110 05 | 120 07 | 270 10 | 230 10 | ... |
| Jessore | 220 11 | 210 08 | 190 06 | 220 07 | 270 04 | 300 19 |
| Jhelum | 075 04 | 305 03 | 305 02 | 050 01 | 240 06 | 265 12 |
| Jiwani | 238 06 | 215 05 | ... | ... | .. | .. |
| Karachi | ... | | | | | ... |
| Khanpur | 220 06 | 335 04 | 255 05 | 260 07 | 260 13 | 260 17 |
| Khuzdar | ... | ... | .. | 215 03 | 250 05 | 265 12 |
| Lahore | 045 03 | 260 04 | 050 05 | 105 05 | 260 03 | 340 06 |
| Multan | 225 14 | 205 15 | 215 11 | 270 06 | 215 28 | 285 18 |
| Nawab Shah | ... | ... | ... | ... | | |
| Nokkundi | . | .. | 245 07 | 285 10 | 310 17 | 375 23 |
| Panjgur | 230 20 | 270 25 | 220 20 | 220 12 | 220 10 | 230 15 |
| Peshawar | ... | 315 02 | 300 04 | 290 07 | 250 10 | 230 14 |
| Parachinar | ... | ... | ... | . | | |
| Quetta | ... | ... | | ... | 215 04 | 240 10 |
| Sargodha | 108 00 | 155 06 | 190 04 | 240 12 | 220 13 | 235 14 |
| Skardu | .. | .. | .. | | ... | 165 01 |
| Sylhet | 135 05 | 160 03 | 145 05 | 275 03 | 280 09 | 290 23 |
| Veraval | ... | .. | ... | ... | | .. |

At 0600 hrs. G.M.T. † of date (dd ff)

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 175 05 | 180 03 | 150 02 | ... | ... | ... | ... | . | ... | ... | ... |
| Bogra | 150 05 | 125 03 | 040 01 | 360 01 | .. | ... | .. | .. | .. | ... | ... |
| Chaklala | ... | 140 04 | 155 10 | 160 11 | 185 14 | . | . | | .. | ... | .. |
| Chhor | 310 02 | 220 01 | 220 02 | 205 25 | 200 01 | 245 16 | 230 25 | 240 31 | 245 34 | ... | .. |
| Chittagong | 305 09 | 290 20 | 260 20 | 350 05 | 290 27 | 100 01 | ... | ... | ... | ... | . |
| Cherat | | | ... | ... | . | ... | . | | | | . |
| Cox's Bazar | 220 10 | 220 08 | 220 07 | 270 07 | 335 15 | 315 15 | 340 22 | 335 25 | 325 31 | ... | ... |
| Dacca | 220 26 | 330 18 | 340 17 | 170 06 | /// // | 240 12 | ... | ... | ... | | . |
| Dalbandin | . | .. | 150 07 | 220 09 | 260 20 | 265 24 | 250 23 | | . | | |
| D. I. Khan | 035 04 | 005 07 | 320 09 | 325 09 | 305 08 | 265 12 | 270 14 | 255 34 | 260 39 | 250 36 | 260 58 |
| Drosh | ... | ... | ... | ... | ... | | | | | ... | |
| Fort Sandeman | .. | .. | ... | 295 03 | 280 02 | 240 04 | 260 16 | 170 19 | 280 23 | 280 33 | 300 49 |
| Gilgit | | | | ... | ... | ... | .. | | ... | .. | . |
| Jahurdi | 135 05 | 185 09 | 205 06 | ... | .. | ... | | | ... | .. | . |
| Jacobabad | 265 04 | 275 07 | 275 07 | 220 12 | 215 10 | 200 17 | 245 26 | 240 38 | 245 41 | .. | ... |
| Jessore | 160 05 | 175 04 | 190 04 | 130 09 | 240 11 | 275 15 | .. | ... | ... | | |
| Jhelum | 155 04 | 150 12 | 160 16 | 165 05 | 180 18 | 200 18 | 240 29 | 235 33 | 230 44 | 255 70 | 270 88 |
| Jiwani | 270 01 | 215 03 | 250 03 | ... | ... | | | ... | ... | ... | ... |
| Karachi | 250 12 | 260 07 | 275 07 | 300 08 | 290 09 | 255 13 | 240 25 | 240 28 | 270 29 | . | .. |
| Khanpur | 250 06 | 230 08 | 235 10 | 225 15 | 235 16 | 260 26 | 300 20 | 285 23 | | | .. |
| Khuzdar | | | | 310 04 | 285 09 | 280 18 | 265 30 | 265 49 | 255 43 | .. | |
| Lahore | 140 06 | 145 09 | 150 12 | 195 11 | 230 10 | 265 19 | 245 17 | | | . | |
| Multan | 225 09 | 235 17 | 240 21 | 250 20 | 240 23 | 250 24 | 265 24 | 275 30 | 280 39 | . | ... |
| Nawab Shah | 255 06 | 250 07 | 245 08 | 235 08 | 255 10 | 255 15 | 230 31 | 250 40 | 265 52 | | .. |
| Nokkundi | ... | ... | 090 05 | 115 10 | 245 17 | | | | | | . |
| Panjgur | .. | | . | 265 09 | 160 17 | 275 15 | 295 20 | 315 24 | 320 32 | ... | . |
| Peshawar | | 005 07 | 065 01 | 160 06 | 185 17 | 235 22 | 250 29 | .. | .. | | ... |
| Parachinar | ... | ... | .. | ... | ... | | ... | . | . | . | ... |
| Quetta | ... | | | 270 09 | 260 02 | 235 25 | . | | | . | . |
| Sargodha | 140 07 | 170 15 | 190 18 | 190 15 | 210 16 | 220 25 | 235 26 | 255 35 | 255 39 | .. | .. |
| Skardu | | ... | ... | ... | ... | | | ... | .. | ... | |
| Sylhet | 180 05 | 180 07 | 180 07 | 195 07 | 260 07 | 285 17 | ... | ... | .. | | ... |
| Veraval | ... | ... | ... | .. | ... | | ... | ... | ... | ... | .. |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | | | | | | | | | | | | | | | | | | |
| Multan | | | | | | | | | | | | | | | | | | |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (Iiiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

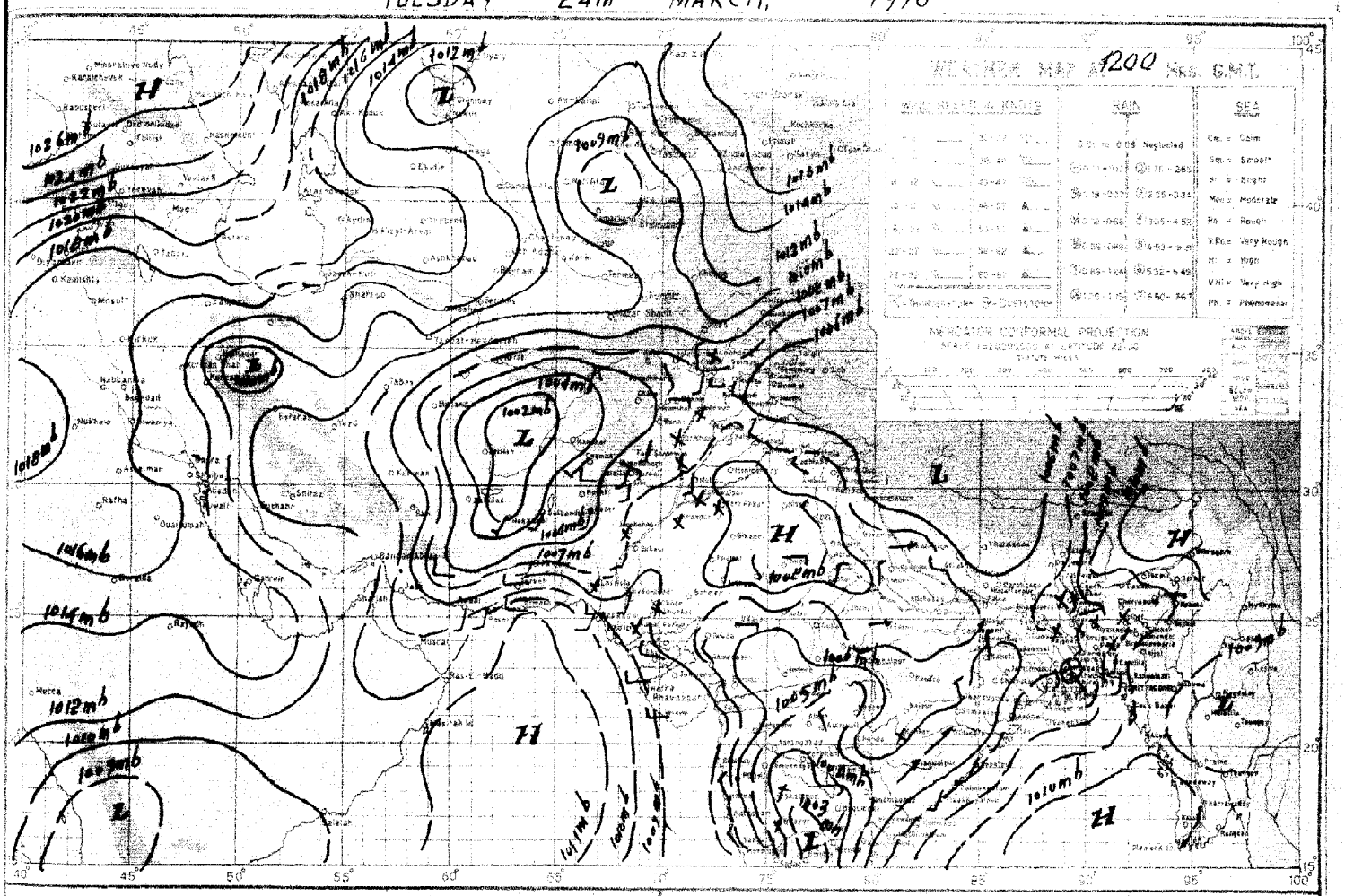
† The actual time of observations may vary within half an hour of the specified time.

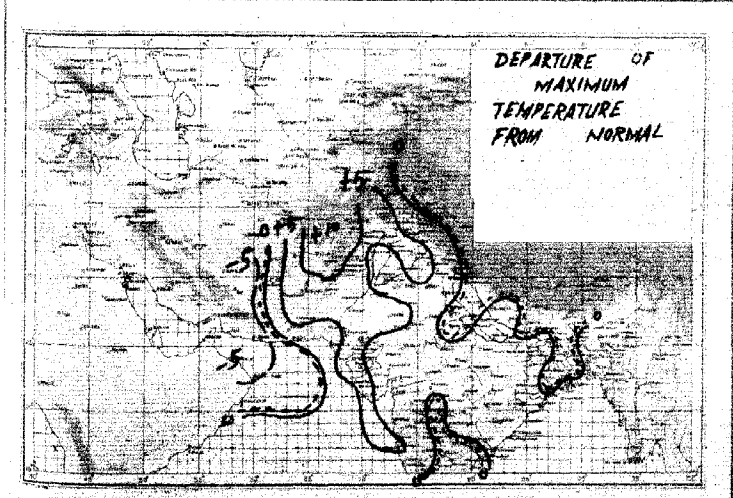
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

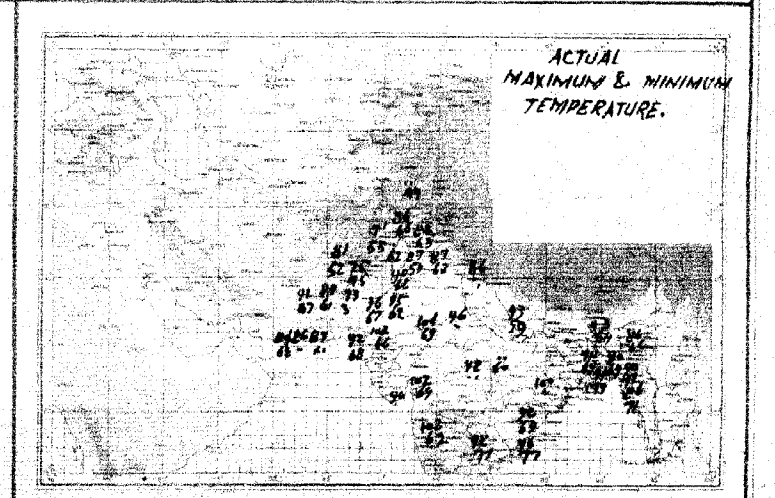
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

TUESDAY 24th MARCH, 1970



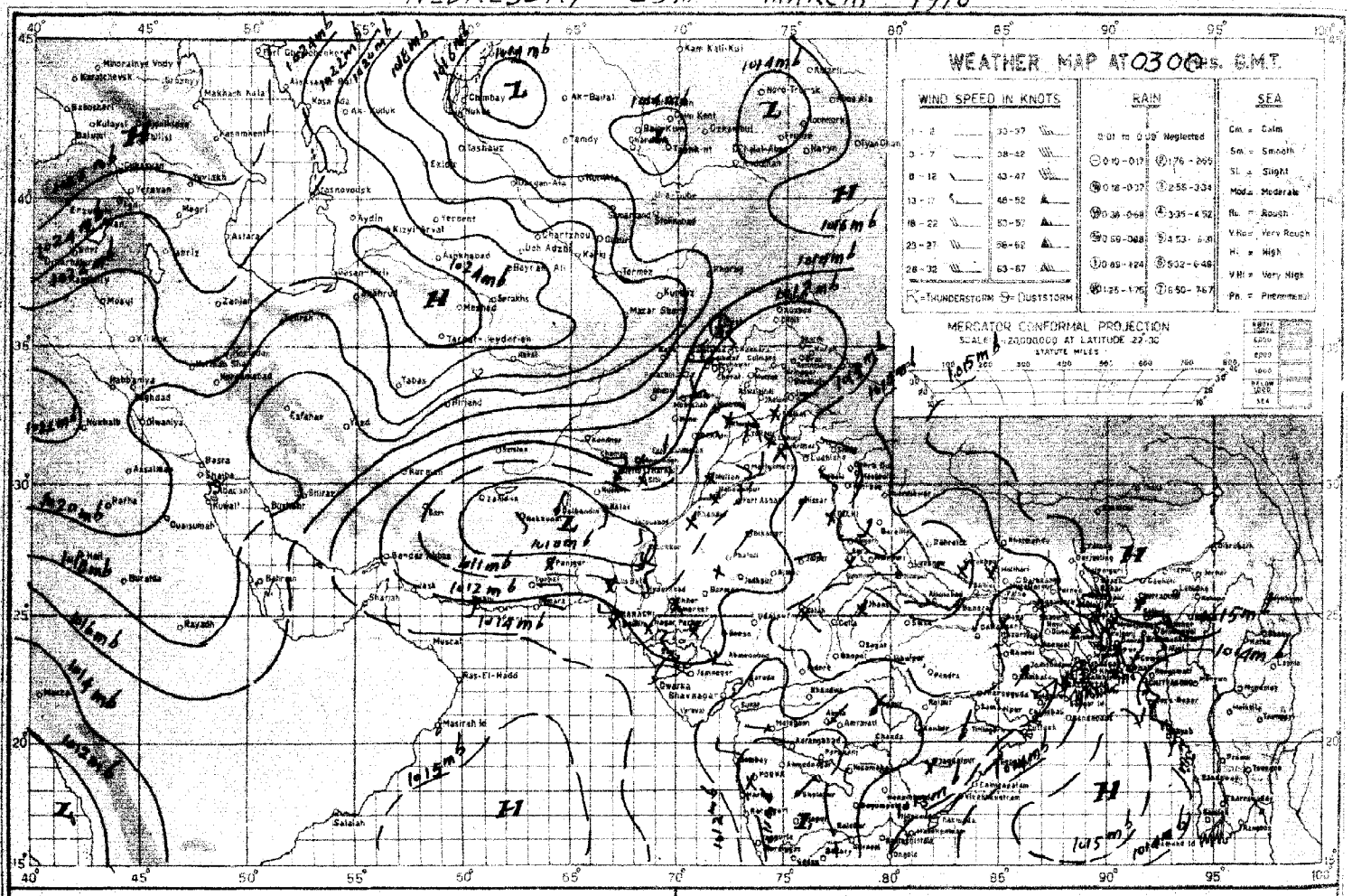



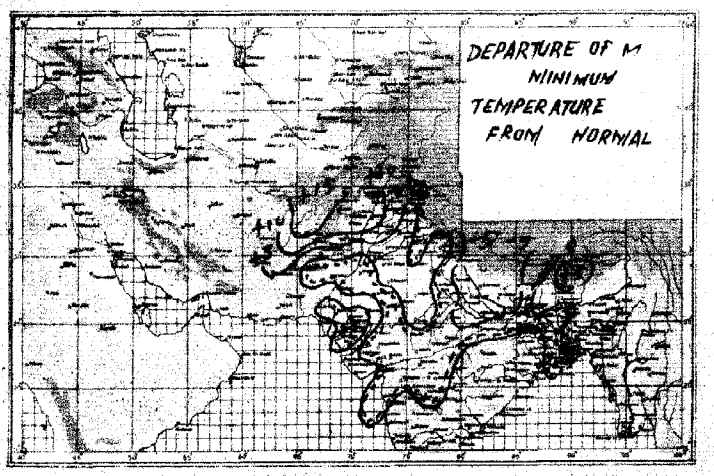

REG. No. 1034 RWKD 61-5000'68-5000'67.

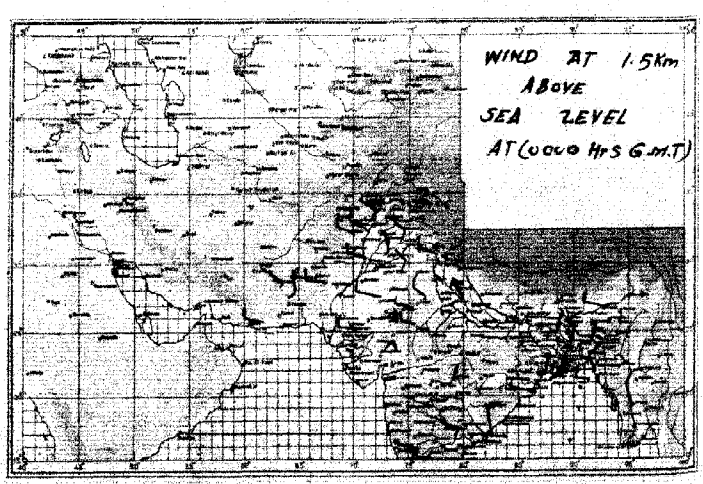
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25th MARCH, 1970




REG No 024 RWKD'61-Sept 63-8000'67.
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Pages 1—2 Rs. 5/-

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

**FRIDAY THE 27th MARCH, 1970.**

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's western disturbance moved away eastwards.
Thunderstorm/showers have occurred in Peshawar division, scattered in Rawalpindi division. A few falls of light rain have also occurred in D. I. Khan division.
Yesterday's trough of low pressure over Orissa and West Bengal persists.
Local thunderstorm/showers have occurred in Chittagong division.
Chief amounts of rainfall are Rangamati 2", Srimangal 1½", Brahmanbaria ½" and Jhelum ½".
**Night temperatures** were 3—7 °F (2—4 °C) above normal practically all over the country.
**Forecast valid until the evening of 28th March 1970 :**—Local thunderstorm/showers with squally wind likely to occur in Khulna and Rajshahi divisions and scattered elsewhere over East Pakistan, Peshawar, Malakand and Rawalpindi divisions and Kashmir. Dry weather is likely to prevail elsewhere over the country.

Karachi-11
The 27th March, 1970.

## OBSERVATIONS

QAZI SUBHAN AHMAD
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) ° PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 5 | 18 | 03 | 95 | 04 | 9 | C84 | 85 | 5 | 3 | 5 | / | / | 82 | 91 |
| | Cox's Bazar | CO. | 0 | 3 | 25 | 09 | 95 | 03 | 0 | 084 | 84 | 2 | 5 | 4 | 3 | 0 | 73 | 87 |
| | Chittagong | 000 | 0 | 6 | 23 | 09 | 96 | 02 | 2 | 080 | 82 | 6 | 9 | 4 | 3 | 0 | 76 | 87 |
| | Maijdee Court | 000 | 9 | 2 | 8 | 02 | 97 | 03 | 0 | 059 | 82 | 2 | 2 | 5 | 0 | 0 | 78 | 90 |
| | Comilla | 070 | 1 | 7 | 18 | 09 | 96 | 03 | 6 | 071 | 73 | 7 | 4 | 4 | 0 | 0 | 70 | 90 |
| | Brahmanbaria | 032 | 3 | 6 | 09 | 02 | 96 | 03 | 9 | 071 | 76 | 6 | 5 | 5 | 0 | 0 | 70 | 90 |
| | Sylhet | 056 | 6 | 6 | 09 | 05 | 96 | 17 | 9 | 080 | 72 | 5 | 5 | 9 | 6 | 0 | 67 | 78 |
| | Srimangal | 100 | 5 | 8 | 09 | 05 | 96 | 02 | 3 | 082 | 72 | 4 | 9 | 4 | 7 | 2 | 67 | 85 |
| Dacca | Mymensingh | 012 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 068 | 73 | 2 | 5 | 0 | 0 | 0 | 70 | 85 |
| | Narayanganj | 055 | 1 | 8 | 31 | 02 | 94 | 01 | 6 | 062 | 78 | 8 | 6 | 4 | / | / | 76 | 86 |
| | Dacca (Tejgaon) | 0.7 | 1 | 6 | 13 | 05 | 97 | 03 | 6 | 062 | 83 | 1 | 5 | 4 | 7 | 0 | 70 | 97 |
| | Faridpur | 000 | 0 | 3 | 20 | 02 | 97 | 01 | 1 | 051 | 87 | 3 | 5 | 6 | 0 | 0 | 63 | 91 |
| Khulna | Barisal | .. | .. | | ... | .. | | | .. | .. | ... | ... | ... | .. | ... | ... | | |
| | Khulna | 000 | .. | 0 | 00 | 00 | 97 | 00 | 0 | 087 | 87 | 0 | 0 | 9 | 0 | 0 | 73 | 93 |
| | Satkhira | ... | | .. | | | | | | ... | | ... | ... | .. | | .. | | ... |
| | Jessore | 000 | 0 | 3 | 31 | 11 | 97 | 02 | 1 | 051 | 90 | 3 | 5 | 4 | 0 | 0 | 64 | 95 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 1 | 095 | 90 | 0 | 0 | 9 | 0 | 0 | 64 | 93 |
| | Sirajganj | 000 | 0 | 4 | 09 | 07 | 55 | 02 | 2 | 057 | 78 | 4 | 2 | 6 | 0 | 0 | 69 | 82 |
| | Rajshahi | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 049 | 90 | 2 | 5 | 9 | 0 | 0 | 72 | 93 |
| | Bogra | 000 | 0 | 0 | 09 | 05 | 96 | 06 | 4 | 058 | 80 | 0 | 0 | 9 | 0 | 0 | 67 | 95 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 13 | 02 | 96 | 01 | 0 | 065 | 91 | 1 | 0 | 9 | 3 | 0 | 51 | 93 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 053 | 85 | 0 | 0 | 9 | 0 | 0 | 67 | 93 |
| Rawalpindi | Jhelum | 000 | 0 | 6 | 09 | 00 | 97 | 03 | 2 | 076 | 91 | 3 | 0 | 9 | 7 | 1 | 67 | 93 |
| | Islamabad | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 0 | /// | 78 | 2 | 3 | 5 | 6 | 3 | 54 | 80 |
| | Rawalpindi | 000 | 0 | 8 | 27 | 02 | 98 | 02 | 2 | 062 | 78 | 8 | 4 | 8 | 0 | 0 | 60 | 87 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 8 | 00 | // | 97 | 03 | 2 | 075 | 91 | 2 | 5 | 4 | 9 | 0 | 67 | 93 |
| | Sargodha | 000 | 0 | 6 | 05 | 05 | 97 | 02 | 2 | 064 | 90 | 2 | 0 | 9 | 3 | 1 | 58 | 91 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 067 | 84 | 0 | 0 | 9 | 0 | 0 | 76 | // |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 1 | 13 | 07 | 97 | 02 | 0 | 056 | 95 | 0 | 0 | 9 | 0 | 1 | 41 | 96 |
| | Leiah | 000 | 0 | 4 | 36 | 00 | 94 | 02 | 2 | 070 | 82 | 0 | 0 | 9 | 0 | 4 | 45 | 82 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 050 | 98 | 0 | 0 | 9 | 0 | 0 | 43 | 00 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 065 | 98 | 0 | 0 | 9 | 0 | 0 | 58 | 00 |
| | Fort Abbas | 000 | 0 | 6 | 27 | 02 | 98 | 00 | 0 | 084 | 98 | 0 | 0 | 9 | 0 | 0 | 45 | 98 |
| Malakand | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Peshawar | Peshawar | 002 | 3 | 8 | 00 | 00 | 97 | 17 | 9 | 107 | 72 | 6 | 3 | 6 | 2 | / | 63 | 80 |
| | Haripur | 000 | 4 | 8 | 18 | 02 | 97 | 03 | 2 | 089 | 76 | 8 | 0 | 9 | 7 | 0 | 60 | 78 |
| D. I. Khan | Bannu | 000 | 0 | 6 | 05 | 02 | 99 | 04 | 9 | 026 | 78 | 6 | 1 | 6 | 0 | 0 | 54 | 87 |
| | D. I. Khan | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 063 | 87 | 2 | 4 | 9 | 0 | 0 | 58 | 51 |
| Quetta | Sibi | 000 | 0 | 2 | 18 | 03 | 97 | 03 | 0 | 061 | 99 | 0 | 2 | 9 | 0 | 2 | 68 | 01 |
| | Nokkundi | 000 | 0 | 0 | 31 | 14 | 96 | 02 | 0 | 098 | 80 | 0 | 0 | 9 | 0 | 0 | 53 | 85 |
| Kalat | Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 113 | 97 | 0 | 0 | 9 | 0 | 0 | 45 | 98 |
| | Jiwani | 000 | 0 | 0 | 25 | 12 | 96 | 02 | 0 | 104 | 81 | 0 | 0 | 9 | 0 | 0 | 54 | 85 |
| | Pasni | 000 | 0 | 0 | 25 | 22 | 97 | 02 | 0 | 100 | 83 | 0 | 0 | 9 | 0 | 0 | 74 | 90 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 17 | 96 | 02 | 3 | 096 | 82 | : | 6 | 6 | 0 | 0 | 75 | 86 |
| | Lasbela | | | | | | | | | | | | | | | | | |
| | Karachi (Manora) | 000 | 0 | 4 | 27 | 09 | 97 | 03 | 0 | 094 | 79 | 4 | 6 | 4 | 0 | 0 | 72 | 81 |
| | Karachi (Airport) | 000 | 0 | 1 | 23 | 10 | 96 | 03 | 0 | 091 | 82 | 1 | 6 | 5 | 0 | 0 | 72 | 85 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 119 | 97 | 0 | 0 | 9 | 0 | 0 | 40 | 04 |
| | Chhor | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 058 | 97 | 0 | 0 | 9 | 0 | 0 | 55 | 00 |
| | Hyderabad | 000 | 0 | 0 | 23 | 12 | 97 | 02 | 0 | 064 | 99 | 0 | 0 | 9 | 0 | 0 | 54 | 01 |
| | Badin | 000 | 0 | 0 | 23 | 07 | 97 | 02 | 0 | 082 | 96 | 0 | 0 | 9 | 0 | 0 | 46 | 01 |
| Khairpur | Padidan | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 055 | 00 | 0 | 0 | 9 | 0 | 0 | 43 | 03 |
| | Nawabshah | 000 | 0 | 0 | 23 | 10 | 97 | 02 | 0 | 057 | 03 | 0 | 0 | 9 | 0 | 0 | 07 | 05 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 066 | 00 | 0 | 0 | 9 | 0 | 0 | 61 | 01 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 049 | 97 | 0 | 0 | 9 | 0 | 0 | 81 | 98 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar ● | | | | | | | | | | | | | | | | | |
| | Gulmarg ●● | | | | | | | | | | | | | | | | | |
| | Sonamarg ●● | | | | | | | | | | | | | | | | | |
| | Dras ●● | | | | | | | | | | | | | | | | | |
| | Leh ●● | | | | | | | | | | | | | | | | | |
| | Skardu ● | | | | | | | | | | | | | | | | | |
| | Misgar ●● | | | | | | | | | | | | | | | | | |
| | Aliabad ● | | | | | | | | | | | | | | | | | |
| | Gilgit ● | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree ● | | | | | | | | | | | | | | | | | |
| Malakand | Drosh ● | 000 | 8 | 6 | 05 | 02 | 97 | 23 | 9 | 508 | 60 | 3 | 0 | 6 | 7 | 0 | 43 | 60 |
| Peshawar | Cherat ● | 000 | 0 | 8 | 34 | 19 | 98 | 03 | 2 | 517 | 40 | 8 | 7 | 6 | / | / | 49 | 67 |
| | Kakul ● | 000 | 0 | 8 | 31 | 05 | 97 | 03 | 2 | 495 | 70 | 4 | 7 | 6 | 2 | / | 51 | 76 |
| | Landikotal ● | 010 | 1 | 8 | 36 | 02 | 98 | 03 | 0 | 469 | 47 | 4 | 5 | 6 | 0 | 0 | 58 | 67 |
| | Parachinar ● | 005 | 6 | 7 | 02 | 02 | 97 | 17 | 9 | 4.5 | 63 | 5 | 3 | 5 | 2 | 0 | 40 | 64 |
| D.I. Khan | Miranshah ● | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 0 | 489 | 73 | 8 | 0 | 9 | 0 | 0 | 56 | 76 |
| | Wana ● | 000 | 0 | 6 | 13 | 03 | 98 | 03 | 0 | 479 | 78 | 6 | 2 | 8 | 0 | 0 | 59 | 78 |
| Quetta | Fort Sandeman ● | 000 | 5 | 7 | 29 | 05 | 97 | 03 | 1 | 475 | 75 | 5 | 4 | 7 | 3 | 0 | 30 | 82 |
| | Hindubagh ● | 000 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | /// | 68 | 0 | 0 | 9 | 0 | 0 | 31 | 69 |
| | Loralai ● | 000 | 0 | 4 | 27 | 03 | 97 | 01 | 0 | 490 | 75 | 0 | 1 | 9 | 0 | 4 | 45 | 77 |
| | Barkhan ● | | | | | | | | | | | | | | | | | |
| | Harnai ● | 000 | 0 | 2 | 23 | 01 | 96 | 03 | 0 | 467 | 85 | 0 | 0 | 8 | 0 | 2 | 50 | 88 |
| | Samungli (Quetta) ● | 000 | 0 | 1 | 27 | 05 | 96 | 00 | 0 | 491 | 71 | 1 | 0 | 7 | 0 | 0 | 42 | 74 |
| | Chaman ● | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 505 | 73 | 0 | 0 | 9 | 0 | 0 | 48 | 76 |
| | Nushki ● | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 549 | 78 | 0 | 0 | 9 | 0 | 0 | 30 | 85 |
| | Dalbandin ● | 000 | 0 | 0 | 00 | 00 | 95 | 03 | 0 | 505 | 81 | 0 | 0 | 9 | 0 | 0 | 41 | 83 |
| Kalat | Kalat ● | 000 | 0 | 0 | 30 | 02 | 98 | 00 | 2 | 472 | 69 | 0 | 0 | 9 | 0 | 0 | 39 | 71 |
| | Khuzdar ● | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 484 | 82 | 0 | 0 | 9 | 0 | 0 | 26 | 85 |
| | Panjgur ● | | | | | | | | | | | | | | | | | |

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) ° PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 225 | 9 | 0 | 18 | 05 | 96 | 02 | 6 | 101 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | — | — | 6.3 | — | 4.7 | |
| Cox's Bazar | 200 | 0 | 3 | 16 | 08 | 97 | 03 | 0 | 114 | 82 | 3 | 3 | 4 | 0 | 0 | 73 | 73 | 0 | +3 | 1.0 | −5.1 | 0.3 | 140 |
| Chittagong | 000 | 0 | 6 | 31 | 09 | 96 | 02 | 2 | 112 | 82 | 4 | 4 | 4 | 2 | 0 | 75 | 73 | 0 | +7 | 1.5 | −4.8 | 0.7 | 108 |
| Maijdee Court | 000 | 9 | 6 | 18 | 09 | 96 | 03 | 2 | 101 | 84 | 3 | 3 | 5 | 0 | 0 | 75 | 77 | +2 | +4 | 3.8 | −1.3 | 3.4 | 115 |
| Comilla | .. | | .. | | | ... | .. | | | | | .. | .. | | | | ... | −1 | | | | | 94 |
| Brahmanbaria | 044 | 9 | 6 | 27 | 02 | 96 | 02 | 6 | 094 | 77 | 4 | 5 | 5 | 0 | 0 | 75 | 69 | — | — | 3.0 | −2.5 | 1.7 | 78 |
| Sylhet | .. | .. | .. | .. | | | ... | | | | | .. | .. | .. | .. | .. | ... | — | | | | | — |
| Srimangal | 135 | 9 | 8 | 80 | 00 | 96 | 03 | 6 | 102 | 73 | 3 | 9 | 4 | 5 | 1 | 69 | 65 | −6 | 0 | 4.6 | −1.6 | 3.1 | 98 |
| Mymensingh | 012 | 9 | 7 | 13 | 02 | 97 | 03 | 2 | 105 | 73 | 7 | 0 | 5 | 7 | 3 | 68 | 68 | −6 | −1 | 2.5 | −1.2 | 2.2 | 91 |
| Narayanganj | 009 | 0 | 8 | 23 | 02 | 97 | 02 | 1 | /// | 82 | 8 | 6 | 5 | / | / | 75 | 73 | −6 | +1 | 3.5 | −1.1 | 2.2 | 74 |
| Dacca (Tejgaon) | 017 | 0 | 6 | 18 | 05 | 96 | 01 | 2 | 092 | 87 | 6 | 3 | 4 | 0 | 0 | 75 | 73 | — | — | 3.2 | — | 1.8 | — |
| Faridpur | 000 | 0 | 3 | 16 | 07 | 97 | 02 | 2 | 104 | 84 | 5 | 4 | 6 | 0 | 0 | 73 | 69 | 0 | −2 | 3.9 | −0.8 | 2.3 | 71 |
| Barisal | 000 | 0 | 5 | 18 | 09 | 97 | 01 | 2 | 095 | 84 | 5 | 8 | 4 | 0 | 0 | 79 | 75 | | +2 | 2.2 | −0.7 | 1.3 | 81 |
| Khulna | 080 | 0 | 5 | 00 | 00 | 97 | 00 | 9 | 099 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | 79 | 0 | +7 | 5.3 | −1.1 | 3.9 | 68 |
| Satkhira | 000 | 0 | 1 | 18 | 06 | 97 | 00 | 0 | 128 | 82 | 0 | 0 | 9 | 0 | 0 | 60 | // | | / | 3.9 | −1.1 | 3.7 | 65 |
| Jessore | 000 | 0 | 3 | 18 | 08 | 97 | 01 | 2 | 088 | 82 | 2 | 9 | 4 | 3 | 0 | 73 | 79 | — | — | 4.9 | +0.4 | 3.7 | 65 |
| Pabna | 000 | 0 | 0 | 31 | 02 | 98 | 02 | 1 | 099 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | — | — | 4.0 | — | 3.0 | 59 |
| Sirajganj | 000 | 0 | 8 | 09 | 03 | 97 | 02 | 1 | 091 | 75 | 8 | 0 | 7 | 1 | 1 | 69 | 59 | −12 | +1 | 2.4 | −0.5 | 2.0 | 64 |
| Rajshahi | 008 | 0 | 6 | 00 | 00 | 96 | 02 | 0 | 091 | 90 | 0 | 2 | 5 | 0 | 0 | 60 | 69 | +1 | 0 | 5.0 | +2.3 | 2.0 | — |
| Bogra | ... | ... | .. | .. | .. | ... | ... | .. | ... | .. | | | ... | ... | | | ... | −2 | | | | | 69 |
| Dinajpur | | | | | | | | | | | | | | | | | | | | | | | 73 |
| Rangpur | | | | | | | | | | | | | | | | | | | | | | | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 7 | 05 | 02 | 96 | 02 | 1 | /// | 77 | 1 | 5 | 7 | 2 | 1 | 58 | 69 | +4 | +12 | 2.0 | −1.3 | 2.0 | 19 |
| Sialkot | 000 | 0 | 0 | 20 | 10 | 98 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 51 | // | +6 | / | 1.8 | −4.2 | 1.8 | 32 |
| Jhelum | 020 | 6 | 6 | 27 | 02 | 97 | 29 | 9 | 082 | 65 | 3 | 3 | 6 | 7 | 0 | 64 | 64 | — | — | 5.5 | — | 5.4 | — |
| Islamabad | 012 | 9 | 5 | 00 | 00 | 97 | 02 | 6 | /// | 64 | 3 | 5 | 7 | 3 | 0 | 54 | // | — | — | 6.9 | — | 6.8 | — |
| Rawalpindi | 012 | 6 | 4 | 00 | 00 | 97 | 02 | 9 | 080 | 62 | 2 | 0 | 9 | 6 | 3 | 58 | 60 | +6 | +5 | 8.7 | −0.2 | 8.5 | 36 |
| Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Khushab | 000 | 0 | 8 | 00 | // | 97 | 03 | 2 | 076 | 65 | 2 | 5 | 9 | 4 | 0 | 64 | 62 | +8 | +1 | 1.8 | −1.3 | 1.8 | 15 |
| Sargodha | 000 | 0 | 7 | 00 | 00 | 95 | 04 | 2 | 094 | 68 | 2 | 0 | 2 | 3 | 1 | 60 | 65 | — | — | 1.9 | — | 1.7 | — |
| Lyallpur | 000 | 0 | 5 | 05 | 02 | 96 | 02 | 0 | 068 | 73 | 5 | 3 | 8 | 0 | 0 | 60 | 65 | / | +6 | 1.5 | −0.3 | 1.2 | 13 |
| Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Multan | 000 | 0 | 7 | 05 | 03 | 97 | 03 | 2 | 077 | 77 | 2 | 5 | 6 | 0 | 1 | 59 | 65 | +7 | +3 | 0.8 | −0.6 | 0.8 | 7 |
| Leiah | 008 | 0 | 8 | 36 | 01 | 93 | 02 | 1 | 095 | 65 | 0 | 0 | 9 | 0 | 8 | 56 | 60 | — | — | 0.0 | — | 0.0 | 8 |
| Khanpur | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 076 | 73 | 0 | 0 | 9 | 0 | 0 | 58 | 62 | +9 | +3 | 2.0 | +0.8 | 1.7 | 4 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 076 | 73 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | +9 | +5 | 0.4 | −0.7 | 0.4 | 6 |
| Fort Abbas | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 119 | 73 | 0 | 0 | 9 | 0 | 0 | 43 | 62 | — | — | — | — | — | 8 |
| Chakdra | 005 | 0 | 3 | 05 | 03 | 98 | 03 | 0 | 030 | 58 | 1 | 1 | 7 | 0 | 9 | 54 | 54 | | — | 7.3 | — | 6.3 | — |
| Peshawar | 002 | 0 | 6 | 00 | 00 | 97 | 03 | 1 | 094 | 62 | 1 | 5 | 4 | 3 | 1 | 59 | 58 | +1 | +2 | 3.8 | −2.3 | 3.3 | 11 |
| Haripur | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 092 | 65 | 0 | 0 | 9 | 0 | 0 | 30 | 59 | — | — | 8.3 | — | 7.4 | — |
| Bannu | 000 | 0 | 2 | 00 | 00 | 99 | 01 | 1 | 081 | 65 | 0 | 0 | 9 | 2 | 0 | 54 | 58 | — | — | 2.1 | | 1.6 | 11 |
| D. I. Khan | 002 | 0 | 2 | 00 | 00 | 96 | 01 | 6 | 081 | 68 | 1 | 0 | 9 | 3 | 1 | 58 | 64 | +5 | +4 | 7.7 | +5.4 | 7.7 | 9 |
| Sibi | 000 | 0 | 6 | 27 | 03 | 97 | 03 | 1 | 094 | 80 | 4 | 2 | 9 | 4 | 2 | 58 | 70 | — | — | 0.9 | — | 0.9 | 8 |
| Nokkundi | 000 | 0 | 0 | 09 | 05 | 96 | 02 | 0 | 163 | 60 | 0 | 0 | 9 | 0 | 0 | 41 | 56 | — | — | 2.5 | — | 2.5 | 3 |
| Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 147 | 74 | 0 | 0 | 9 | 0 | 0 | 43 | 66 | — | — | 0.7 | — | 0.7 | — |
| Jiwani | 000 | 0 | 0 | 29 | 05 | 96 | 02 | 0 | 115 | 74 | 0 | 0 | 9 | 0 | 0 | 64 | 71 | — | — | 9.2 | — | 8.3 | 5 |
| Pasni | 000 | 0 | 0 | 29 | 08 | 97 | 02 | 0 | 096 | 86 | 0 | 0 | 9 | 0 | 0 | 61 | // | +1 | / | 2.5 | −2.3 | 2.5 | 6 |
| Ormara | 000 | 0 | 0 | 27 | 17 | 96 | 02 | 0 | 117 | 74 | 0 | 0 | 9 | 0 | 0 | 71 | // | — | — | 2.9 | −2.1 | 2.9 | 4 |
| Lasbela | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | ... | ... | | | −4 | | | | | 8 |
| Karachi (Airport) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 098 | 74 | 0 | 0 | 9 | 0 | 0 | 71 | 69 | — | — | 3.0 | — | 3.0 | — |
| Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 143 | 74 | 0 | 0 | 9 | 0 | 0 | 57 | 74 | — | — | 0.1 | ~ | 0.1 | — |
| Chhor | 000 | 0 | 0 | 33 | 05 | 96 | 02 | 0 | 087 | 73 | 0 | 0 | 9 | 0 | 0 | 67 | 68 | — | — | 2.5 | — | 2.5 | 7 |
| Hyderabad | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 098 | 75 | 0 | 0 | 9 | 0 | 0 | 67 | 71 | +4 | +3 | 1.1 | +0.3 | 1.1 | 9 |
| Badin | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 128 | 74 | 0 | 0 | 9 | 0 | 0 | 69 | 71 | +4 | +5 | 0.1 | −0.9 | 0.1 | — |
| Padidan | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 094 | 72 | 0 | 0 | 9 | 0 | 0 | 51 | 65 | — | — | 0.9 | — | 0.9 | — |
| Nawabshah | ... | ... | | | | | | | | | | | | | | | | — | | | | | 4 |
| Sukkur | 000 | 2 | 0 | 05 | 05 | 95 | 05 | 6 | 087 | 78 | 0 | 0 | 9 | 0 | 0 | 45 | 69 | — | — | 0.9 | — | 0.9 | — |
| Kashmore | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Jacobabad | 000 | 0 | 2 | 34 | 07 | 96 | 03 | 0 | 084 | 79 | 0 | 0 | 9 | 0 | 1 | 82 | 72 | +3 | +7 | 2.2 | +1.2 | 2.1 | 28 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar ● | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg ●● | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg ●● | | | | | | | | | | | | | | | | | | | | | | | 24 |
| Dras ●● | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh ●● | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu ● | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar ●● | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad ● | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit ● | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Murree ● | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Drosh ● | 001 | 0 | 3 | 00 | 00 | 98 | 01 | 1 | 474 | 48 | 3 | 4 | 6 | 0 | 0 | 43 | 45 | −3 | +2 | 5.4 | — | 4.8 | 27 |
| Cherat ● | 015 | 9 | 0 | 05 | 05 | 98 | 02 | 5 | 470 | 59 | 0 | 0 | 9 | 0 | 0 | 45 | 51 | +2 | 0 | 6.1 | −5.3 | 5.4 | — |
| Kakul ● | 012 | 0 | 5 | 34 | 03 | 98 | 03 | 1 | 470 | 51 | 4 | 4 | 5 | 3 | 0 | 47 | 50 | — | — | 15.2 | — | 14.1 | — |
| Landikotal ● | ... | | ... | ... | ... | ... | | ... | | ... | ... | | | | | | ... | — | | | | | 28 |
| Parachinar ● | 011 | 0 | 0 | 00 | 00 | 98 | 01 | 0 | 485 | 51 | 0 | 0 | 9 | 0 | 0 | 39 | 47 | 0 | +5 | 3.7 | — | 5.1 | 13 |
| Miranshah ● | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 437 | 58 | 0 | 0 | 9 | 0 | 0 | 49 | 51 | — | — | 0.1 | −4.0 | 0.1 | 11 |
| Wana ● | 000 | 0 | 0 | 23 | 04 | 98 | 00 | 0 | 472 | 60 | 0 | 0 | 9 | 0 | 0 | 43 | 56 | — | — | 4.4 | — | 4.4 | 13 |
| Fort Sandeman ● | 000 | 0 | 2 | 18 | 03 | 97 | 01 | 2 | 485 | 62 | 0 | 0 | 9 | 3 | 0 | 27 | 55 | +4 | +3 | 2.8 | −1.0 | 2.8 | — |
| Hindubagh ● | 008 | 0 | 0 | 23 | 09 | 98 | 02 | 0 | /// | 40 | 0 | 0 | 9 | 0 | 0 | 25 | 39 | — | — | 1.8 | — | 1.6 | 9 |
| Loralai ● | 000 | 0 | 0 | 09 | 03 | 98 | 00 | 0 | 470 | 53 | 0 | 0 | 9 | 0 | 0 | 36 | // | — | — | 2.2 | — | 2.1 | — |
| Barkhan ● | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Harnai ● | 000 | 0 | 2 | 31 | 02 | 96 | 03 | 2 | 469 | 76 | 0 | 0 | 8 | 0 | 2 | 36 | 65 | — | — | 3.8 | −0.7 | 3.8 | 9 |
| Samungli (Quetta) ● | 000 | 0 | 0 | 31 | 07 | 97 | 01 | 0 | 515 | 48 | 0 | 0 | 9 | 0 | 1 | 33 | 42 | — | — | 3.6 | −3.2 | 2.9 | 9 |
| Chaman ● | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 0 | 515 | 59 | 8 | 0 | 9 | 0 | 0 | 41 | 56 | +4 | +5 | 7.7 | +1.4 | 7.7 | — |
| Nushki ● | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 565 | 58 | 0 | 0 | 9 | 0 | 0 | 23 | 57 | — | — | 3.6 | — | 3.5 | 4 |
| Dalbandin ● | 000 | 0 | 0 | 05 | 03 | 95 | 05 | 0 | 516 | 60 | 0 | 0 | 9 | 0 | 0 | 34 | 55 | −2 | +3 | 3.1 | +0.4 | 3.3 | 7 |
| Kalat ● | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 529 | 48 | 0 | 0 | 9 | 0 | 0 | 28 | 31 | +5 | −9 | 3.0 | −1.8 | 3.0 | |
| Khuzdar ● | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 486 | 65 | 0 | 0 | 9 | 0 | 0 | 36 | 63 | — | — | 2.9 | — | 2.6 | 8 |
| Panjgur ● | | | | | | | | | | | | | | | | | | | | | | | |

† Given in Code.
● These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
●● These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When over 999 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 27th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wd}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Flying Fish ... ... | 99 1 60 | 10 6 02 | 26 0 63 | 10 4 10 | 98 0 20 | 15 5 25 | 11 5 // | 43 6 17 | | | 0/ / 21 | 12 6 75 | 30 2 01 | 00 0 00 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh TTT_a DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | 00 00 | MISDA | ... | | | | | | | | | — | ... | — |
| Dacca | 00 00 | 009 248 20 | ... | 400 178 58 | 094 052 58 | 580 061 63 | 750 181 59 | 959 305 58 | 233 511 // | 417 601 // | 668 623 // | ... | ... | — |
| Gilgit | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | 00 00 | 006 224 27 | ... | 450 124 30 | 166 034 29 | 570 125 // | 738 205 // | 956 301 // | 244 401 // | ... | ... | — | ... | — |
| Multan | 00 00 | 992 200 57 | ... | 450 185 62 | 078 084 57 | 581 071 // | 752 171 // | 953 251 // | ... | — | ... | ... | ... | ... |
| Peshawar | 00 00 | 968 154 11 | ... | 400 126 11 | 052 044 17 | 572 105 25 | 741 203 // | 948 325 // | 226 431 // | 420 471 // | ... | - | ... | ... |
| Quetta | 00 00 | MISDA | — | | | | | | | ... | ... | — | ... | ... |
| Sargodha | 00 00 | 992 180 50 | ... | 460 159 56 | 043 050 56 | 567 171 // | 731 271 // | 934 355 // | 212 431 // | ... | — | — | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | 00 00 | MISDA | | | | | | | | | — | ... | — |
| Dacca | 00 00 | 900 192 24 | 894 178 26 | 873 300 58 | 800 138 58 | 647 026 57 | 603 026 58 | 600 022 58 | 563 000 58 | 350 207 59 | — | ... | — |
| Gilgit | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | |
| Karachi | 00 00 | ... | ... | — | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Multan | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | — | ... | — |
| Peshawar | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | — | ... | ... |
| Quetta | 00 00 | MISDA | ... | — | ... | ... | ... | — | ... | — | — | ... | ... |
| Sargodha | 00 00 | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 210 10 | 220 18 | 240 19 | 245 31 | 250 31 | ... | ... | ... | - |
| Bogra | 095 15 | 035 10 | 335 07 | 255 13 | 252 16 | 251 24 | ... | — | — |
| Chaklala | — | 135 07 | 145 08 | 150 18 | 180 10 | 100 10 | 230 13 | ... | ... |
| Chhor | 200 13 | 245 13 | 260 15 | 275 18 | 255 13 | 245 20 | 202 15 | 245 30 | 230 30 |
| Chittagong | 200 17 | 200 21 | 195 26 | 195 26 | 205 20 | 255 15 | ... | | - |
| Cherat | ... | ... | ... | | ... | ... | ... | ... | ... |
| Cox's Bazar | 235 14 | 230 13 | 230 15 | 245 20 | 225 21 | 255 11 | 255 20 | 255 20 | 070 33 |
| Dacca | 060 13 | 105 03 | 190 04 | 170 15 | 235 25 | 245 27 | 255 25 | ... | ... |
| Dalbandin | ... | ... | 205 01 | 285 03 | 255 05 | 255 11 | 260 39 | ... | ... |
| D. I. Khan | 170 04 | 070 04 | 115 03 | 130 07 | 190 07 | 210 11 | 202 12 | 260 27 | 285 25 |
| Drosh | ... | ... | ... | 360 02 | 320 01 | 210 16 | 190 16 | ... | — |
| Fort Sandeman | ... | ... | — | 290 10 | 270 12 | 215 20 | 145 15 | ... | ... |
| Gilgit | — | — | ... | | - | | ... | ... | ... |
| Ishurdi | ... | ... | ... | | | ... | ... | ... | ... |
| Jacobabad | 170 02 | 135 03 | 135 04 | 190 05 | 210 08 | 295 10 | 270 14 | 290 22 | 280 41 |
| Jessore | 210 15 | 220 20 | 225 16 | ... | | ... | ... | ... | ... |
| Jhelum | 210 01 | 165 03 | 155 06 | 170 05 | 160 07 | 180 09 | 220 17 | 250 34 | 265 43 |
| Jiwani | 255 19 | 270 17 | 270 10 | 090 16 | 290 21 | 260 25 | 260 43 | 260 47 | ... |
| Karachi | 275 12 | 285 19 | 290 21 | 290 22 | 280 25 | 260 25 | 250 21 | ... | — |
| Khanpur | 260 01 | 250 01 | 125 02 | 195 03 | 195 08 | 170 12 | 230 17 | 340 17 | 245 19 |
| Khuzdar | ... | ... | | 250 11 | 270 11 | 275 14 | 260 34 | 250 47 | 220 43 |
| Lahore | 175 06 | 185 06 | 160 03 | 160 06 | 190 06 | 220 07 | 235 13 | 230 11 | 245 11 |
| Multan | 170 10 | 180 09 | 175 09 | 195 11 | 180 08 | 230 19 | 265 25 | 245 40 | 250 47 |
| Nawab Shah | 230 12 | 240 12 | 230 11 | 230 12 | 255 24 | 230 11 | 255 36 | 250 43 | 250 40 |
| Nokkundi | ... | ... | 235 14 | 245 06 | 160 04 | 330 10 | 250 27 | 250 37 | 260 63 |
| Panjgur | ... | | | | ... | ... | — | ... | ... |
| Peshawar | ... | 320 40 | 050 03 | 180 03 | ... | ... | — | — | ... |
| Parachinar | ... | ... | ... | 270 05 | 115 04 | | ... | — | ... |
| Quetta | ... | ... | | ... | 265 08 | 245 23 | ... | ... | ... |
| Sargodha | 115 08 | 120 09 | 130 11 | 175 11 | 215 17 | 260 20 | 280 19 | ... | - |
| Skardu | ... | ... | ... | ... | ... | 245 07 | - | ... | ... |
| Sylhet | 120 17 | 175 11 | ... | ... | ... | ... | ... | ... | ... |
| Verawal | ... | ... | ... | ... | ... | — | — | — | ... |

| Heights in Kms. a.s.l. → | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 200 09 | 245 15 | ... | ... | ... | ... |
| Bogra | ... | | | | | |
| Chaklala | ... | 065 04 | 070 04 | 080 05 | /// // | 110 13 |
| Chhor | 280 25 | 295 32 | 300 31 | 280 33 | 270 37 | ... |
| Chittagong | 160 19 | 160 11 | 180 12 | 190 17 | 210 20 | 130 17 |
| Cherat | ... | | | | | |
| Cox's Bazar | 150 12 | 155 12 | 185 09 | 215 10 | 260 15 | 245 15 |
| Dacca | 175 09 | 180 13 | 275 10 | 225 08 | 275 09 | 280 21 |
| Dalbandin | ... | ... | 070 14 | 045 07 | 345 04 | 230 03 |
| D. I. Khan | 050 05 | 010 07 | 250 10 | 320 19 | 350 22 | 310 17 |
| Drosh | ... | ... | ... | 140 01 | 230 01 | 240 05 |
| Fort Sandeman | ... | ... | ... | 125 05 | 280 12 | 270 28 |
| Gilgit | ... | ... | | ... | | ... |
| Ishurdi | 195 04 | 200 06 | 310 07 | ... | | |
| Jacobabad | 335 08 | 335 07 | 345 07 | 005 04 | 360 03 | 325 06 |
| Jessore | 410 06 | 195 06 | 205 07 | ... | | ... |
| Jhelum | 025 15 | 040 15 | 340 06 | 315 04 | 305 05 | ... |
| Jiwani | 285 19 | 285 21 | 300 21 | 280 25 | 235 27 | ... |
| Karachi | ... | | | | | |
| Khanpur | 025 10 | 025 13 | 020 13 | 330 14 | 305 14 | 300 12 |
| Khuzdar | ... | ... | ... | 325 11 | 280 07 | 285 32 |
| Lahore | 050 09 | 045 09 | 085 05 | 160 05 | 195 05 | 205 05 |
| Multan | 005 16 | 005 10 | 250 12 | 285 11 | 280 11 | 265 10 |
| Nawab Shah | 320 21 | 315 22 | 310 19 | 290 13 | 260 13 | 215 09 |
| Nokkundi | ... | ... | 305 12 | 280 09 | 255 08 | 260 09 |
| Panjgur | ... | | | | | |
| Peshawar | ... | 035 01 | 040 02 | 180 03 | 190 08 | 235 18 |
| Parachinar | ... | ... | ... | 045 07 | 300 15 | |
| Quetta | ... | | | ... | 285 04 | 315 09 |
| Sargodha | 060 06 | 055 08 | 105 06 | 250 06 | 255 09 | 245 12 |
| Skardu | No | Ascent | | | ... | |
| Sylhet | 100 13 | 155 07 | 200 08 | — | ... | — |
| Verawal | ... | ... | | — | ... | ... |

| Heights in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | 205 06 | 220 08 | 255 12 | — | ... | ... | ... | ... | ... | ... | ... |
| Bogra | | | | | | ... | — | ... | ... | ... | — |
| Chaklala | ... | 275 02 | 165 06 | 205 11 | 200 15 | 185 19 | ... | ... | — | ... | — |
| Chhor | 315 10 | 330 16 | 320 16 | 290 13 | 265 14 | 260 26 | 250 31 | 255 31 | 250 34 | — | — |
| Chittagong | ... | ... | — | ... | — | - | ... | ... | — | - | |
| Cherat | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 200 15 | 200 12 | 305 14 | 245 14 | 270 14 | 250 16 | 285 20 | ... | ... | ... | ... |
| Dacca | 185 12 | 200 11 | 230 12 | 260 13 | 265 12 | 280 13 | ... | ... | ... | - | ... |
| Dalbandin | — | ... | 085 06 | 045 13 | 195 11 | 290 09 | 270 23 | 280 41 | 270 44 | 365 52 | 265 41 |
| D. I. Khan | 315 06 | 310 06 | 300 07 | 295 10 | 275 12 | 265 19 | 255 15 | 240 33 | 240 42 | 265 54 | 260 81 |
| Drosh | — | — | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | — | ... | 305 14 | 295 08 | 260 13 | 275 38 | 280 35 | 280 38 | 255 54 | 245 60 |
| Gilgit | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi | 275 04 | 225 08 | 250 14 | 265 17 | ... | — | ... | ... | ... | — | ... |
| Jacobabad | 335 17 | 335 19 | 335 19 | 310 15 | 285 05 | 290 12 | 240 35 | 260 37 | 265 49 | — | ... |
| Jessore | 185 03 | 245 06 | 285 10 | 290 14 | 185 17 | 270 17 | 320 24 | 305 42 | 300 37 | ... | ... |
| Jhelum | 300 06 | 280 08 | 255 09 | 295 07 | 180 07 | 180 21 | 215 20 | 235 29 | 230 32 | ... | ... |
| Jiwani | 295 10 | 290 12 | 285 12 | 280 21 | 265 34 | 265 45 | 285 20 | ... | ... | — | ... |
| Karachi | 315 09 | 290 11 | 295 16 | 280 24 | 280 26 | ... | ... | ... | ... | ... | ... |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar | ... | ... | ... | 295 05 | 285 09 | 270 20 | 265 35 | 270 37 | | ... | ... |
| Lahore | 055 07 | 050 08 | 075 06 | 170 09 | 165 15 | 190 08 | | ... | ... | - | ... |
| Multan | 025 07 | 020 17 | 015 22 | 350 20 | 340 19 | 255 15 | 250 13 | 210 29 | 205 43 | ... | - |
| Nawab Shah | 345 08 | 335 13 | 310 12 | 285 14 | 270 13 | 255 25 | 260 31 | 270 51 | 265 58 | 270 61 | ... |
| Nokkundi | ... | ... | 135 04 | 125 04 | 220 02 | 270 08 | 280 16 | 310 19 | 275 21 | ... | ... |
| Panjgur | ... | | | | | | | | | ... | ... |
| Peshawar | | 365 03 | 330 03 | 135 04 | 195 11 | 250 10 | 240 25 | 240 40 | 250 45 | 250 60 | 255 74 |
| Parachinar | ... | No | Ascent | — | | | | | | — | ... |
| Quetta | ... | | | ... | 225 09 | 300 21 | 265 41 | 265 44 | 240 54 | ... | ... |
| Sargodha | 065 03 | 275 01 | 255 02 | 265 02 | 280 05 | 235 15 | 240 37 | 255 33 | [illegible] 47 | 250 44 | ... |
| Skardu | ... | ... | ... | ... | — | ... | — | ... | ... | ... | ... |
| Sylhet | 115 06 | 120 02 | 250 03 | ... | ... | — | ... | ... | ... | ... | ... |
| Verawal | — | ... | ... | ... | ... | — | ... | ... | — | ... | — |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | | | | | | | | | | | | | | | | | | |
| Dacca | | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | | | | | |
| Karachi | 275 16 | 280 21 | 285 05 | 285 29 | 280 30 | 275 37 | 260 33 | 260 29 | 260 32 | 265 67 | 260 41 | 265 52 | 265 61 | ... | ... | ... | ... | ... |
| Multan | 225 10 | 230 09 | 350 08 | 350 07 | 015 08 | 330 14 | 300 27 | 295 31 | 295 36 | 270 60 | 280 27 | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | | | | | | | | | | | | | | | | | | |
| Quetta | | | | | | | | | | | | | | | | | | |
| Sargodha | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

$T_a$—Approximate tanch value in (O °C) even values indicate positive and odd values indicate negative temperatures

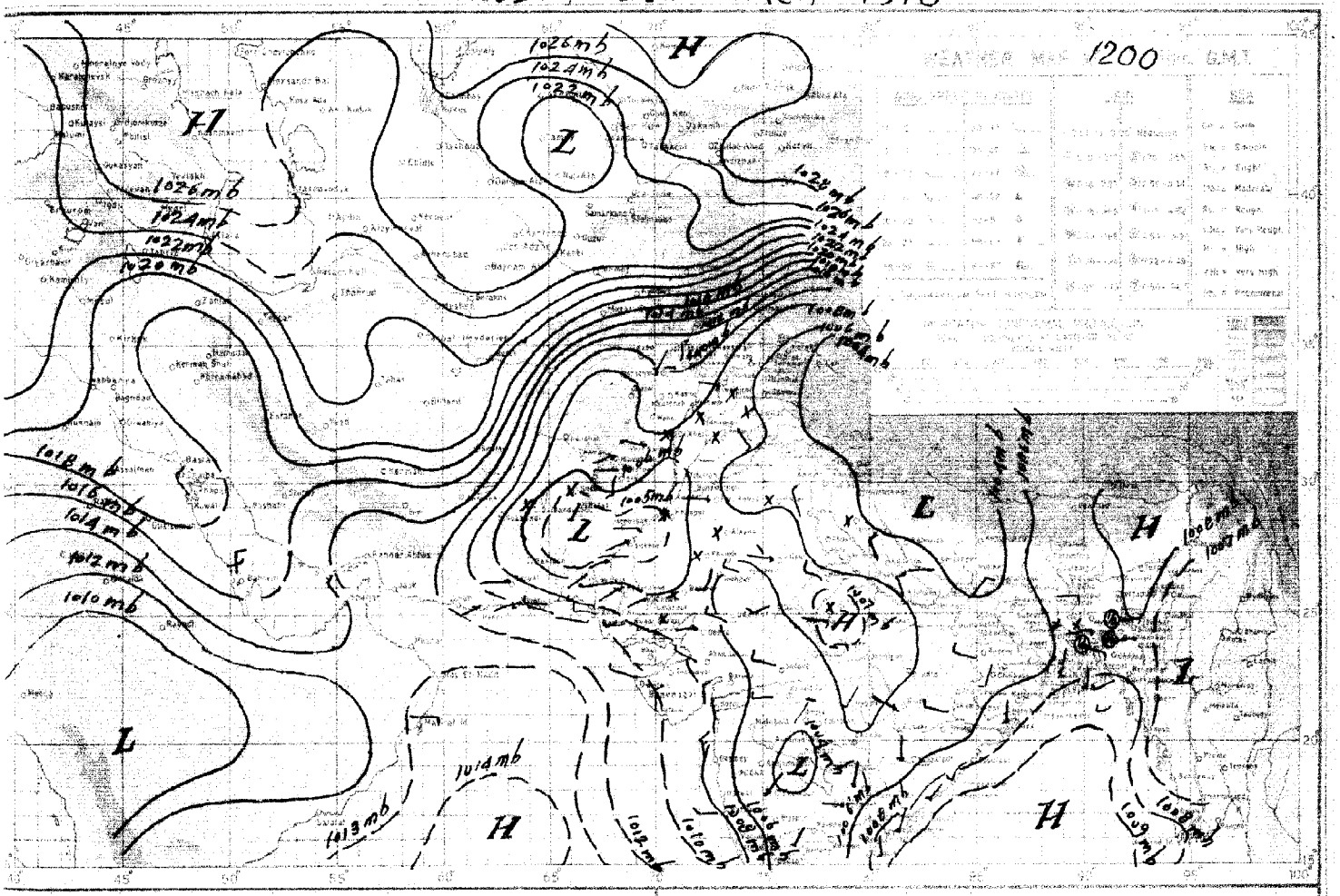
† The actual time of observations may vary within half an hour of the specified time.

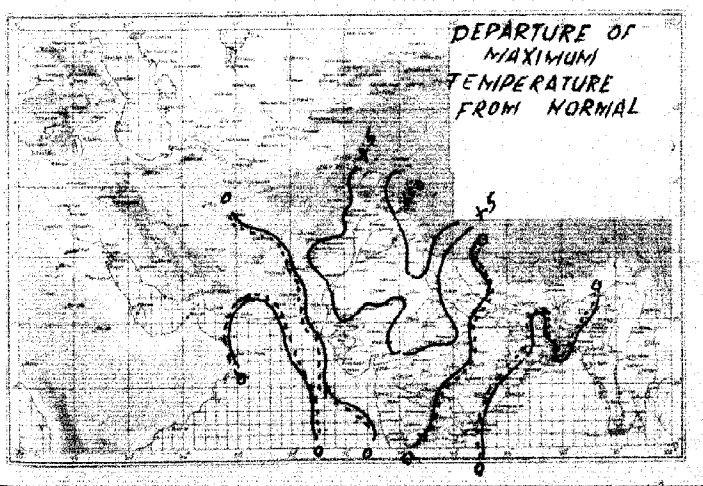
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

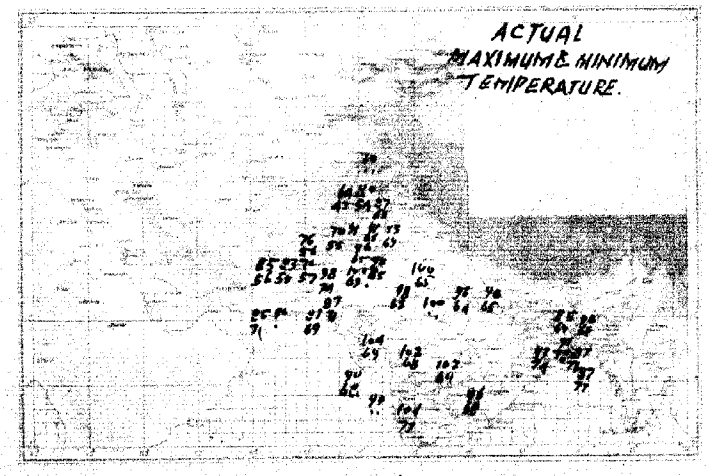
The accuracy of individual entries in this report cannot be guaranteed. Corrections checked, if necessary on application to the Meteorologist, Weather Centre (Air Port KARACHI—11)

# PAKISTAN DAILY WEATHER MAP

THURSDAY 26th MARCH 1970

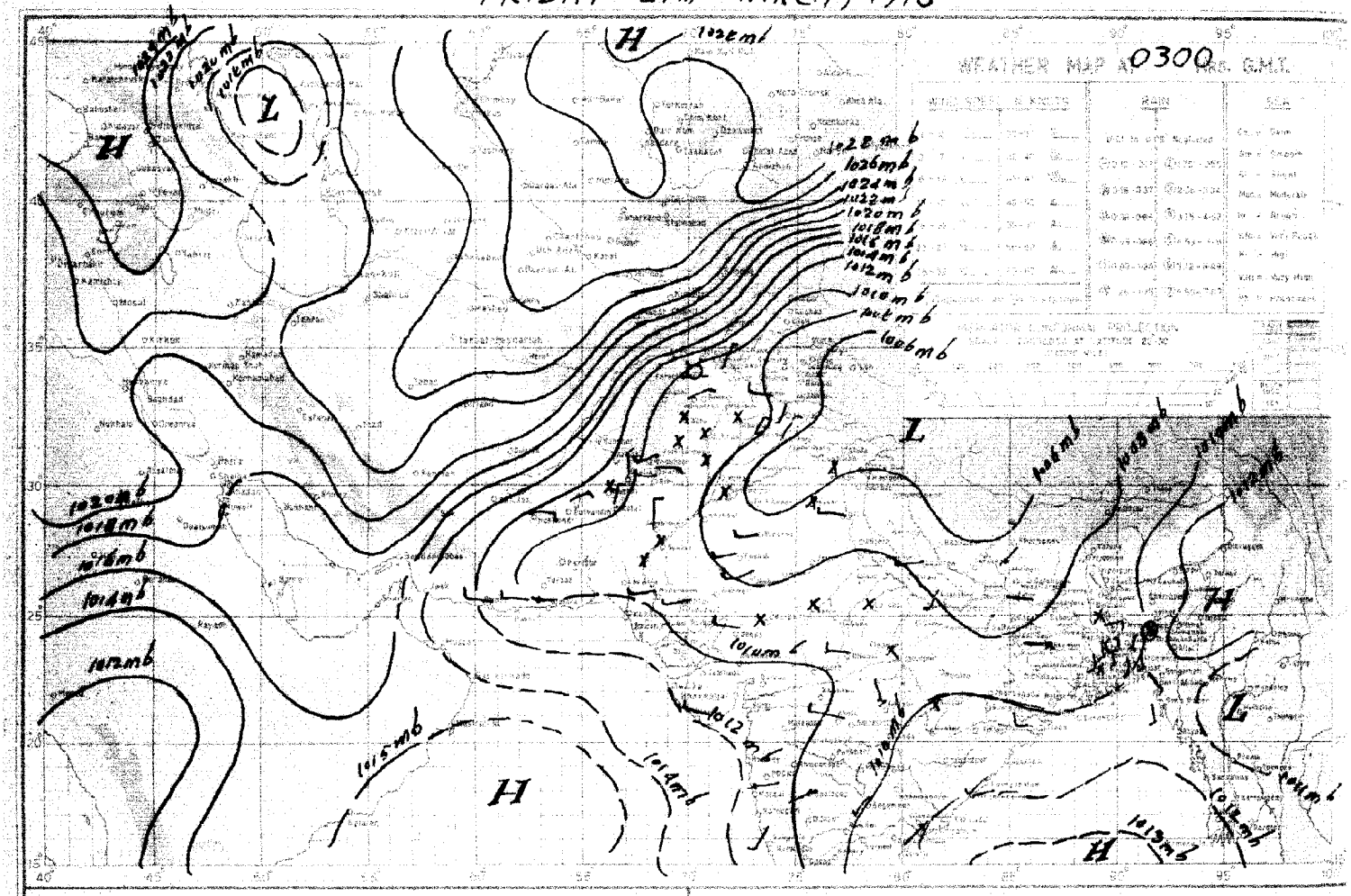


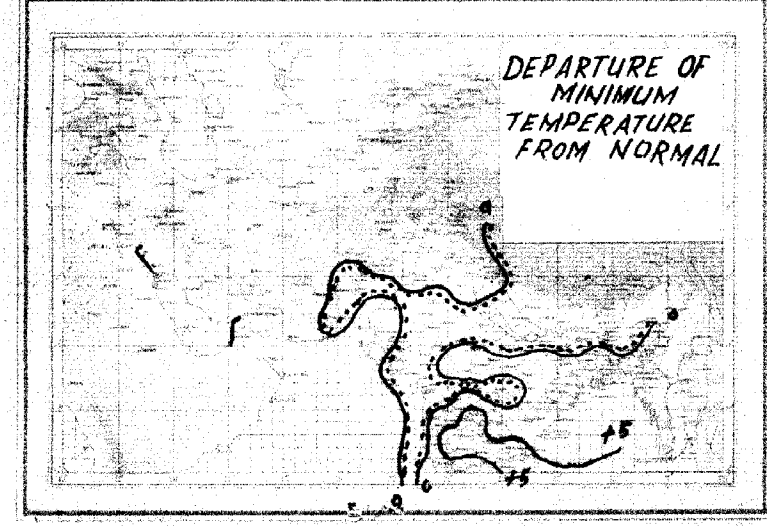



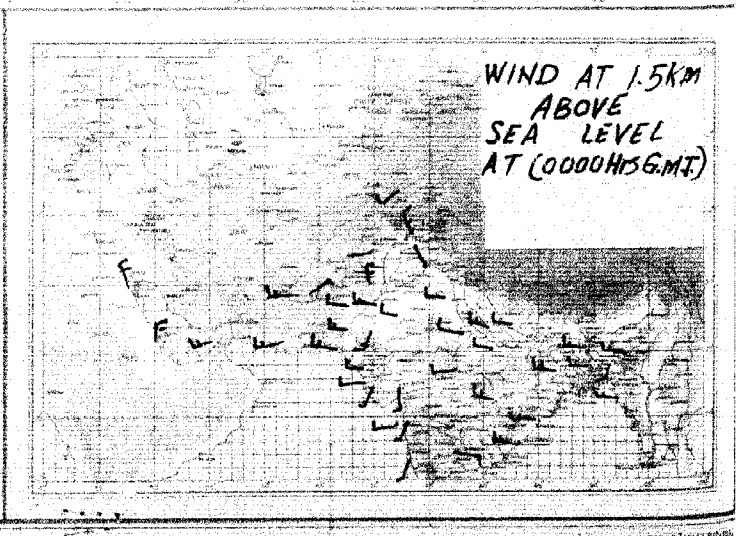



# PAKISTAN DAILY WEATHER MAP

FRIDAY 27th MARCH, 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SATURDAY THE 28th MARCH, 1970.
**Summary of observations recorded at 0300 Hrs. G.M.T.**

A westerly low press wave is lying over Afghanistan and adjoing part of west Pakistan. Scattered rain/thundershowers have occurred in Rawalpindi division and a few thunderstorm/light showers in Malakand division.

The trough of low pressure over Orissa and West Bengal persists. Scattered rain/thundershowers have occurred in Chittagong division.

Dry weather prevailed elsewhere over the country.

Chief amounts of rainfall are Srimangal 2" and Jhelum ½".

Night temperatures were 3—7 °F (2—4 °C) above normal in East Pakistan outside Khulna division and in Lahore, Sargodha and Hyderabad divisions and 3—8 F° (2 – 4 °C) below normal in Bahawalpur and Kalat divisions.

**Forecast valid until the evening of 29th March 1970 :**—Local thunderstorm/showers with squally winds are likely over Khulna, Rajshahi and Chittagong divisions and scattered in Dacca, Peshawar, Malakand and Rawalpindi divisions and Kashmir. Dry weather is likely to prevail elsewhere over west Pakistan.

Karachi-11
The 28th March, 1970.

## OBSERVATIONS

QAZI SUBHAN AHMAD
for Director, Meteorological Service.

| Divisions | Stations | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR | Past weather commenced at † Wc | Total cloud amount N | Wind direction in tens of degrees dd | Winds speed in Knots ff | Horizontal visibility † VV | Present weather † ww | Past weather † W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature * TT | Amount of Lowest Clud † Nh | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Maximum temperature °F TxTx | At 0300 Hrs. G. M. T. of date: Rainfall in Cents RRR | Past weather commenced at † Wc | Total cloud amount N | Wind direction in tens of degrees dd | Wind speed in Knots ff | Horizontal visibility † VV | Present weather † ww | Past Weather W | Sea level pressure (mbs. and tenths) * PPP | Dry Bulb temperature TT | Amounts of Lowest Cloud † h | Low Cloud form † CL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Minimum temperature TnTn | Departure from Normal of: Maximum temperature TxTx | Minimum Temperature TnTn | Rainfall: Since 1st November, 1969 to-date | Departure from normal | Since 1st January, 1970 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 3 | 23 | 05 | 96 | 04 | 0 | 059 | 87 | 2 | 3 | 6 | 0 | 0 | 76 | 93 | 000 | 0 | 3 | 18 | 09 | 97 | 04 | 1 | 101 | 87 | 3 | 4 | 6 | 0 | 0 | 75 | 75 | — | — | 6.3 | — | 4.7 | |
| | Cox's Bazar | 000 | 0 | 4 | 18 | 10 | 94 | 03 | 2 | 071 | 82 | 3 | 4 | 5 | 3 | 0 | 76 | 86 | 000 | 0 | 5 | 18 | 10 | 96 | 03 | 2 | 108 | 84 | 4 | 4 | 5 | 1 | 0 | 75 | 75 | — 1 | + 4 | 1.0 | — 5.2 | 0.3 | 140 |
| | Chittagong | 000 | 0 | 6 | 18 | 20 | 96 | 02 | 2 | 069 | 82 | 6 | 3 | 2 | 0 | 0 | 76 | 87 | 000 | 0 | 5 | 16 | 10 | 96 | 02 | 1 | 094 | 84 | 5 | 8 | 4 | 0 | 0 | 75 | 75 | 0 | + 4 | 1.5 | — 4.9 | 0.7 | 108 |
| | Maijdee Court | 000 | 9 | 4 | 18 | 09 | 96 | 03 | 0 | 063 | 82 | 4 | 2 | 5 | 0 | 0 | 76 | 87 | 000 | 9 | 5 | 18 | 05 | 96 | 03 | 2 | 081 | // | 5 | 2 | 5 | 0 | 0 | 73 | 77 | — 1 | + 4 | 3.8 | — 1.4 | 3.4 | 115 |
| | Comilla | 000 | 0 | 6 | 08 | 05 | 96 | 02 | 2 | 059 | 77 | 6 | 4 | 4 | 0 | 0 | 67 | 90 | 000 | 0 | 4 | 18 | 05 | 96 | 02 | 0 | 088 | 81 | 4 | 4 | 7 | 0 | 0 | 77 | 73 | — 1 | + 2 | 2.4 | — 3.3 | 2.0 | 94 |
| | Brahmanbaria | 008 | 2 | 6 | 02 | 05 | 96 | 97 | 9 | 056 | 80 | 6 | 3 | 5 | 0 | 0 | 73 | 90 | 008 | 0 | 6 | 21 | 09 | 97 | 03 | 1 | 064 | 82 | 6 | 4 | 5 | 0 | 0 | 73 | 73 | — | — | 3.0 | — 2.4 | 1.8 | 78 |
| | Sylhet | 006 | 5 | 3 | 09 | 05 | 96 | 03 | 6 | 056 | 73 | 1 | 5 | 4 | 3 | 0 | 70 | 78 | 008 | 1 | 6 | 09 | 02 | 96 | 02 | 6 | 081 | 73 | 4 | 3 | 4 | 0 | 0 | 69 | 70 | — | | — | — | | — |
| | Srimangal | 182 | 9 | 6 | 00 | 08 | 96 | 03 | 9 | 093 | 87 | 0 | 0 | 9 | 0 | 0 | 70 | 93 | 184 | 8 | 7 | 36 | 02 | 96 | 02 | 6 | 078 | 80 | 4 | 9 | 3 | 3 | 1 | 73 | 69 | + 2 | + 4 | 6.4 | 0.0 | 4.9 | 98 |
| Dacca | Mymensingh | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 2 | 049 | 80 | 4 | 3 | 5 | 0 | 0 | 73 | 85 | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 068 | 85 | 6 | 5 | 5 | 0 | 0 | 75 | 73 | — 6 | + 4 | 2.5 | — 1.3 | 2.2 | 91 |
| | Narayanganj | 000 | 0 | 8 | 18 | 02 | 93 | 02 | 1 | 034 | 90 | 8 | 6 | 4 | / | / | 76 | 93 | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 068 | 82 | 6 | 5 | 5 | 0 | 0 | 75 | 73 | + 1 | + 4 | 2.5 | — 1.3 | 2.2 | 74 |
| | Dacca (Tezgaon) | 000 | 0 | 5 | 18 | 05 | 97 | 02 | 2 | 044 | 87 | 4 | 9 | 4 | 4 | 0 | 70 | 93 | 000 | 0 | 6 | 23 | 05 | 97 | 02 | 2 | 065 | 82 | 6 | 6 | 3 | 0 | 0 | 75 | 77 | — | — | 3.1 | — | 1.8 | - |
| | Faridpur | 000 | 0 | 2 | 00 | 08 | 96 | 01 | 0 | 034 | 90 | 2 | 4 | 6 | 0 | 0 | 63 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | | | | 71 |
| Khulna | Barisal | 000 | 0 | 1 | 18 | 05 | 96 | 02 | 0 | 050 | 85 | 2 | 4 | 5 | 0 | 0 | 78 | 93 | 000 | 0 | 2 | 18 | 13 | 97 | 01 | 0 | 073 | 84 | 2 | 6 | 5 | 0 | 0 | 75 | 77 | + 1 | + 4 | 2.2 | — 2.7 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 93 | 0 | 0 | 9 | 0 | 0 | 70 | 96 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 040 | 87 | 0 | 0 | 9 | 0 | 0 | 75 | 79 | + 3 | + 7 | 5.3 | + 1.1 | 3.9 | 48 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 042 | 91 | 0 | 0 | 9 | 0 | 0 | 64 | 98 | 000 | 0 | 4 | 18 | 07 | 97 | 00 | 0 | 074 | 84 | 4 | 2 | 7 | 0 | 0 | 75 | 75 | + 3 | + 3 | 3.9 | — 1.1 | 3.7 | 41 |
| | Jessore | 000 | 0 | 0 | 30 | 05 | 97 | 02 | 0 | 037 | 93 | 0 | 0 | 9 | 0 | 0 | 56 | 98 | 000 | 0 | 4 | 21 | 10 | 97 | 01 | 2 | 064 | 82 | 4 | 6 | 3 | 0 | 0 | 75 | 77 | — | — | 4.9 | + 0.3 | 3.7 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 031 | 91 | 0 | 0 | 9 | 0 | 0 | 64 | 96 | 000 | 0 | 0 | 18 | 09 | 98 | 02 | 0 | 057 | 84 | 0 | 0 | 9 | 0 | 0 | 75 | 73 | — | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | 000 | 0 | 0 | 09 | 02 | 95 | 00 | 0 | 038 | 87 | 0 | 0 | 9 | 0 | 0 | 73 | 93 | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 053 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | — 1 | + 5 | 2.4 | — 0.6 | 2.0 | 64 |
| | Rajshahi | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 028 | 90 | 0 | 0 | 9 | 0 | 0 | 70 | 96 | 008 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 040 | 90 | 0 | 0 | 9 | 0 | 0 | 75 | 73 | + 2 | + 4 | 5.0 | + 2.7 | 2.0 | -- |
| | Bogra | 000 | 0 | 0 | 05 | 05 | 96 | 02 | 0 | 028 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 93 | 000 | 0 | 8 | 23 | 05 | 94 | 03 | 1 | 049 | 80 | 4 | 3 | 3 | 2 | / | 72 | 75 | — 2 | + 6 | — | — | — | 69 |
| | Dinajpur | 000 | 0 | 0 | 09 | 02 | 96 | 00 | 0 | 032 | 86 | 0 | 0 | 9 | 0 | 0 | 68 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | | | | | 72 |
| | Rangpur | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 083 | 80 | 5 | 0 | 9 | 0 | 0 | 70 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 5 | | | | | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 025 | 91 | 0 | 0 | 9 | 0 | 0 | 51 | 93 | 000 | 0 | 4 | 05 | 02 | 95 | 05 | 1 | 040 | 75 | 4 | 0 | 9 | 7 | 0 | 51 | 64 | + 4 | + 7 | 2.0 | — 1.3 | 2.0 | 19 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 054 | 75 | 0 | 0 | 9 | 0 | 0 | 51 | // | | / | 1.8 | — 3.2 | 1.8 | 33 |
| Rawalpindi | Jhelum | 019 | 0 | 4 | 00 | 00 | 98 | 03 | 0 | 025 | 90 | 1 | 1 | 7 | 0 | 4 | 63 | 91 | 000 | 0 | 1 | 31 | 02 | 97 | 03 | 1 | 052 | 69 | 1 | 0 | 9 | 3 | 0 | 58 | 59 | — | — | 5.5 | — | 5.4 | — |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 65 | 0 | 0 | 9 | 0 | 0 | 4/ | 58 | | — | 6.9 | — | 6.8 | — |
| | Rawalpindi | 000 | 0 | 1 | 27 | 02 | 99 | 00 | 0 | 046 | 80 | 0 | 0 | 9 | 6 | 0 | 50 | 82 | 0.0 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 064 | 60 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | + 1 | + 1 | 8.7 | — 0.3 | 8.5 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 05 | // | 98 | 03 | 0 | 047 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 91 | 000 | 0 | 3 | 36 | 01 | 97 | 01 | 0 | 048 | 73 | 0 | 0 | 9 | 0 | 5 | 60 | 62 | + 6 | + 1 | 1.8 | — 1.3 | 1.8 | 15 |
| | Sargodha | 000 | 0 | 0 | 27 | 07 | 97 | 02 | 0 | 036 | 90 | 0 | 0 | 9 | 0 | 0 | 47 | 91 | 000 | 0 | 1 | 23 | 02 | 96 | 04 | 0 | 052 | 65 | 0 | 0 | 9 | 0 | 1 | 51 | 58 | — | — | 1.9 | — | 1.7 | -- |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 036 | 87 | 0 | 0 | 9 | 0 | 0 | 73 | 90 | 000 | 0 | 0 | 00 | 05 | 96 | 00 | 0 | 044 | 64 | 0 | 0 | 9 | 0 | 0 | 58 | 62 | + 1 | + 3 | 1.8 | — 0.3 | 1.2 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 3 | 13 | 03 | 97 | 01 | 1 | 033 | 91 | 0 | 0 | 9 | 0 | 4 | 41 | 96 | 000 | 0 | 4 | 01 | 03 | 97 | 01 | 2 | 064 | 69 | 0 | 0 | 9 | 0 | 2 | 50 | 64 | + 7 | + 2 | 0.8 | — 0.6 | 0.8 | 7 |
| | Leiah | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 031 | 91 | 0 | 0 | 9 | 0 | 0 | 70 | 93 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 27 | 03 | 96 | 03 | 0 | 066 | 68 | 2 | 0 | 9 | 2 | 1 | 41 | 56 | | — 3 | 2.0 | + 0.8 | 1.7 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 046 | 93 | 0 | 0 | 9 | 0 | 0 | 49 | 93 | 000 | 0 | 4 | 00 | 00 | 96 | 00 | 0 | 056 | 73 | 0 | 0 | 9 | 0 | 0 | 54 | 60 | + 2 | 0 | 0.4 | — 0.7 | 0.4 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 029 | 93 | 0 | 0 | 9 | 0 | 0 | 36 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | | | | 8 |
| Malakand | Chakdra | 000 | 0 | 2 | 23 | 05 | 97 | 03 | 1 | 047 | 76 | 2 | 1 | 7 | 0 | 0 | 53 | 77 | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 073 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 49 | — | — | 7.3 | — | 6.3 | .. |
| Peshawar | Peshawar | 000 | 0 | 2 | 23 | 05 | 97 | 01 | 0 | 050 | 80 | 1 | 1 | 6 | 3 | 0 | 54 | 82 | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 074 | 62 | 0 | 0 | 9 | 0 | 1 | 45 | 54 | + 3 | — 2 | 3.8 | — 2.4 | 3.3 | 11 |
| | Haripur | 000 | 0 | 0 | 13 | 02 | 97 | 00 | 0 | 056 | 78 | 0 | 0 | 9 | 0 | 0 | 49 | 80 | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 067 | 64 | 0 | 0 | 9 | 0 | 0 | 51 | 54 | — | — | 8.8 | — | 7.4 | — |
| D. I.-Khan | Bannu | 000 | 0 | 1 | 13 | 02 | 99 | 01 | 1 | 036 | 85 | 1 | 2 | 7 | 0 | 0 | 38 | 87 | 000 | 0 | 0 | 05 | 02 | 99 | 00 | 0 | 056 | 65 | 0 | 0 | 9 | 0 | 0 | 33 | 58 | — | — | 2.1 | | 1.6 | 11 |
| | D. I. Khan | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 0 | 029 | 86 | 0 | 0 | 9 | 0 | 1 | 41 | 53 | 000 | 0 | 1 | 35 | 12 | 97 | 02 | 0 | 061 | 73 | 0 | 0 | 9 | 0 | 1 | 54 | // | + 7 | / | 7.7 | + 5.3 | 7.7 | 9 |
| Quetta | Sibi | 000 | 0 | 2 | 23 | 08 | 96 | 05 | 1 | 062 | 94 | 0 | 2 | 9 | 2 | 0 | 52 | 95 | 000 | 0 | 4 | 18 | 03 | 97 | 03 | 1 | 098 | 74 | 4 | 0 | 9 | 9 | 2 | 56 | 72 | — | — | 0.9 | — | 0.9 | 8 |
| | Nokkundi | 000 | 0 | 3 | 36 | 10 | 96 | 03 | 0 | 101 | 78 | 3 | 0 | 9 | 3 | 0 | 30 | 81 | 000 | 0 | 0 | 09 | 05 | 97 | 02 | 0 | 139 | 59 | 0 | 0 | 9 | 0 | 0 | 41 | 54 | — | — | 3.5 | — | 2.5 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 19 | 02 | 98 | 00 | 0 | /// | 94 | 0 | 0 | 9 | 0 | 0 | 35 | 94 | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 117 | 75 | 0 | 0 | 9 | 0 | 0 | 35 | 71 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 3 | 27 | 14 | 96 | 02 | 0 | 094 | 83 | 0 | 0 | 9 | 0 | 4 | 54 | 85 | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 101 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 66 | — | — | 9.2 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 0 | 25 | 02 | 97 | 07 | 0 | 096 | 89 | 0 | 0 | 9 | 0 | 0 | // | 93 | 000 | 0 | 0 | 29 | 06 | 97 | 02 | 0 | 088 | 69 | 0 | 0 | 9 | 0 | 0 | 63 | // | + 4 | / | 2.5 | — 2.3 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 1 | 27 | 14 | 96 | 03 | 3 | 094 | 85 | : | 0 | 9 | 0 | 0 | 75 | 92 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 100 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | // | — | | 2.9 | — 1.8 | 2.9 | 6 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 098 | 46 | 0 | 0 | 8 | 0 | 0 | 55 | 42 | | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 081 | 79 | 0 | 0 | 9 | 0 | 0 | 74 | 81 | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 085 | 75 | 0 | 0 | 9 | 0 | 0 | 67 | 73 | — 4 | + 1 | 1.1 | — 0.4 | 1.1 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 25 | 07 | 96 | 05 | 0 | 076 | 89 | 0 | 0 | 9 | 0 | 0 | 72 | 92 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 089 | 72 | 0 | 0 | 9 | 0 | 0 | 66 | 70 | — | — | 3.0 | | 3.0 | . |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 119 | 97 | 0 | 0 | 9 | 0 | 0 | 40 | 04 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 143 | 74 | 0 | 0 | 9 | 0 | 0 | 70 | 74 | — | — | 0.1 | — | 0.1 | . |
| | Chhor | 000 | 0 | 0 | 31 | 07 | 96 | 02 | 0 | 054 | 96 | 0 | 0 | 9 | 0 | 0 | 39 | 99 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 074 | 71 | 0 | 0 | 9 | 0 | 0 | 57 | 64 | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | 000 | 0 | 0 | 27 | 16 | 96 | 07 | 0 | 056 | 99 | 0 | 0 | 9 | 0 | 0 | 40 | 02 | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 086 | 75 | 0 | 0 | 9 | 0 | 0 | 43 | 74 | + 5 | + 6 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 10 | 97 | 02 | 0 | 067 | 80 | 0 | 0 | 9 | 0 | 0 | 45 | 02 | 000 | 0 | 0 | 23 | 01 | 97 | 02 | 0 | 108 | 73 | 0 | 0 | 9 | 0 | 0 | 67 | 70 | + 5 | + 4 | 0.1 | — 0.9 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 2 | 31 | 03 | 96 | 01 | 0 | 054 | 96 | 0 | 0 | 9 | 0 | 1 | 46 | 98 | 000 | 0 | 1 | 37 | 02 | 96 | 03 | 0 | 004 | 65 | 0 | 0 | 9 | 0 | 1 | 51 | 55 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 059 | 98 | 0 | 0 | 9 | 0 | 0 | 61 | 01 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 041 | 67 | 0 | 0 | 9 | 0 | 0 | 62 | // | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 0 | 6 | 13 | 02 | 96 | 02 | 0 | 054 | 95 | 0 | 0 | 9 | 0 | 0 | 29 | 96 | 000 | 0 | 0 | 05 | 03 | 95 | 05 | 4 | 076 | 72 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 2 | 31 | 03 | 96 | 07 | 1 | 052 | 95 | 0 | 0 | 9 | 0 | 0 | 29 | 95 | 000 | 0 | 3 | 31 | 02 | 96 | 03 | 0 | 075 | 71 | 3 | 0 | 9 | 3 | 0 | 30 | 66 | 0 | + 1 | 2.2 | + 1.2 | 2.1 | 30 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 89 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Malakand | Drosh * | 007 | 6 | 4 | 00 | 00 | 98 | 01 | 9 | 478 | 56 | 4 | 8 | 6 | 0 | 0 | 47 | 58 | 007 | 0 | 2 | 09 | 05 | 98 | 03 | 0 | 493 | 47 | 2 | 1 | 7 | 0 | 0 | 32 | 45 | — 5 | + 2 | 5.4 | — | 4.8 | 29 |
| Peshawar | Cherat * | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 470 | 67 | 0 | 0 | 9 | 0 | 0 | 43 | 72 | 000 | 0 | 0 | 05 | 09 | 98 | 02 | 0 | 447 | 56 | 0 | 0 | 9 | 0 | 0 | // | 54 | + 7 | + 3 | 6.1 | — 3.4 | 5.5 | — |
| | Kakul * | 000 | 0 | 3 | 18 | 05 | 98 | 01 | 1 | 461 | 70 | 3 | 4 | 6 | 0 | 0 | 41 | 73 | 000 | 0 | 0 | 31 | 02 | 94 | 02 | 0 | 450 | 58 | 0 | 0 | 9 | 0 | 0 | 40 | 51 | — | — | 15.2 | — | 14.1 | — |
| | Landikotal * | 000 | 0 | 6 | 05 | 05 | 98 | 03 | 0 | 461 | 72 | 6 | 7 | 6 | 0 | 0 | 47 | 72 | 000 | 0 | 0 | 31 | 05 | 98 | 02 | 0 | 434 | 50 | 0 | 0 | 9 | 0 | 0 | 47 | 51 | — | — | 4.3 | — | 3.6 | 19 |
| | Parachinar * | 000 | 0 | 1 | 26 | 12 | 98 | 03 | 0 | 454 | 64 | 2 | 2 | 7 | 0 | 0 | 58 | 67 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 460 | 50 | 0 | 0 | 9 | 0 | 0 | 25 | 43 | + 3 | + 1 | 5.7 | — | 5.1 | 12 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 456 | 80 | 0 | 0 | 9 | 0 | 0 | 43 | 82 | 000 | 0 | 0 | 29 | 09 | 99 | 00 | 0 | 464 | 64 | 0 | 0 | 9 | 0 | 0 | 41 | 40 | — | — | 0.1 | — 6.2 | 0.1 | 11 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 463 | 58 | 0 | 0 | 9 | 0 | 0 | 35 | 50 | | — | 4.4 | — | 4.4 | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 3 | 31 | 14 | 96 | 05 | 0 | 462 | 74 | 0 | 0 | 9 | 0 | 1 | 08 | 75 | 000 | 0 | 0 | 33 | 05 | 97 | 01 | 0 | 473 | 55 | 0 | 0 | 9 | 0 | 0 | 18 | 53 | — 3 | + 1 | 2.8 | — 1.0 | 2.8 | — |
| | Hindubagh * | 000 | 0 | 0 | 20 | 05 | 97 | 02 | 0 | /// | 52 | 0 | 0 | 9 | 0 | 0 | 40 | 54 | 000 | 0 | 0 | 23 | 25 | 97 | 02 | 0 | /// | 39 | 0 | 0 | 9 | 0 | 0 | 35 | 26 | — | — | 1.5 | — | 1.6 | 9 |
| | Loralai * | 000 | 0 | 0 | 27 | 08 | 97 | 08 | 0 | 440 | 70 | 0 | 0 | 9 | 0 | 0 | 46 | 75 | 000 | 0 | 6 | 18 | 03 | 97 | 01 | 0 | 470 | 55 | 0 | 1 | 9 | 0 | 6 | 35 | // | — | — | 2.2 | — | 2.1 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 2 | 31 | 04 | 96 | 03 | 2 | 460 | 80 | 0 | 0 | 3 | 0 | 2 | 05 | 81 | 000 | 0 | 0 | 05 | 02 | 94 | 00 | 2 | 443 | 41 | 0 | 0 | 9 | 0 | 0 | 31 | 56 | — | — | 3.8 | — 0.8 | 3.8 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 12 | 97 | 02 | 0 | 492 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 47 | 000 | 0 | 1 | 31 | 02 | 96 | 03 | 0 | 499 | 44 | 1 | 0 | 9 | 1 | 0 | 16 | 36 | — | — | 3.6 | — 3.2 | 2.9 | 9 |
| | Chaman * | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 503 | 68 | 0 | 0 | 9 | 0 | 0 | 43 | 70 | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 514 | 56 | 0 | 0 | 9 | 0 | 0 | 39 | 53 | — 2 | 0 | 7.7 | + 1.4 | 7.7 | - |
| | Nushki * | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 552 | 74 | 0 | 0 | 9 | 0 | 0 | 37 | 80 | 000 | 0 | 0 | 09 | 02 | 97 | 02 | 0 | 563 | 57 | 0 | 0 | 9 | 0 | 0 | 21 | 52 | — | — | 3.6 | — | 3.5 | 4 |
| | Dalbandin * | 000 | 0 | 4 | 31 | 82 | 97 | 03 | 0 | 519 | 77 | 4 | 8 | 9 | 1 | 0 | 47 | 79 | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 497 | 58 | 0 | 0 | 9 | 0 | 0 | 27 | 51 | — 6 | — 1 | 3.3 | + 0.4 | 3.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 34 | 02 | 98 | 00 | 2 | 497 | 42 | 0 | 0 | 9 | 0 | 0 | 39 | 69 | 000 | 0 | 0 | 11 | 02 | 98 | 00 | 2 | 5'1 | 45 | 0 | 0 | 9 | 0 | 0 | 34 | 30 | + 3 | — 10 | 3.8 | — 1.8 | 3.0 | |
| | Khuzdar * | 000 | 0 | 0 | 31 | 17 | 97 | 02 | 0 | 475 | 76 | 0 | 0 | 9 | 0 | 0 | 24 | 79 | 800 | 0 | 0 | 31 | 02 | 96 | 03 | 0 | 478 | 63 | 0 | 0 | 9 | 0 | 1 | 35 | 58 | — | — | 2.9 | — | 2.6 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$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 |
| ARABAIN SEA | | | | | | | | | | | | | | | |
| Glenmoor | ... ... | 99 2 21 | 10 6 52 | 27 0 03 | 13 1 11 | 98 0 00 | 01 0 25 | 00 9 08 | 55 5 03 | | | 0/ / 20 | 12 5 44 | 30 3 02 | ... |
| Glenmoor | ... ... | 99 2 20 | 10 7 38 | 27 0 63 | 03 6 02 | 98 0 20 | 14 6 25 | 00 9 00 | 43 1 10 | | | 0/ / 19 | 12 6 25 | 30 2 00 | 00 0 00 |
| Glenmoor | ... ... | 99 2 31 | 10 6 50 | 27 1 03 | 02 5 11 | 98 0 20 | 10 5 25 | 00 9 00 | 53 1 00 | | | 0/ / 21 | 12 5 41 | 30 3 03 | 25 6 04 |

## UPPER AIR DATA

| STATION | | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface $P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong | — | 00 00 | MISDA | ... | .. | ... | .. | .. | ... | ... | ... | ... | — | ... | .. |
| Dacca | - | 00 00 | 004 254 35 | .. | 480 218 // | 093 080 78 | 579 051 // | 751 175 // | 960 329 // | 234 529 // | 417 177 // | 670 625 // | ... | ... | — |
| Gilgit | - | | | | | | | | | | | | | | |
| Jiwani | - | | | | | | | | | | | | | | |
| Karachi | - | 00 00 | 804 230 44 | .. | 440 154 52 | 061 044 // | 572 105 // | 731 175 // | 953 201 // | ... | ... | ... | — | ... | ... |
| Multan | - | 00 00 | 989 180 50 | ... | 459 710 59 | 041 014 // | 560 251 // | — | | ... | — | ... | — | ... | ... |
| Peshawar | — | 00 00 | 965 176 57 | ... | 350 126 59 | 012 012 58 | 563 155 58 | 729 239 // | 939 361 // | 208 461 // | 397 481 // | ... | - | ... | ... |
| Quetta | — | 00 00 | 019 066 57 | — | /// /// // | 087 003 85 | 568 183 // | 730 333 // | ... | ... | ... | ... | — | ... | .. |
| Sargodha | | 00 00 | 991 154 50 | ... | 420 124 57 | 994 010 59 | 579 175 // | 723 261 // | 928 331 // | 210 391 // | ... | — | — | ... | — |

| STATION | | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong | — | 00 00 | MISDA | | | | | | ... | ... | ... | — | ... | — |
| Dacca | — | 00 00 | 900 234 73 | 800 170 // | 600 000 // | 584 015 // | 556 015 // | 250 245 // | — | ... | ... | — | ... | — |
| Gilgit | .. | | | | | | | | | | | | | |
| Jiwani | | | | | | | | | | | | | | |
| Karachi | | 00 00 | .. | ... | — | ... | ... | ... | — | ... | ... | 250 250 78 | ... | ... |
| Multan | | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | | ... | ... |
| Peshawar | — | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | — | 150 261 24 | ... | ... |
| Quetta | | 00 30 | 300 094 61 | 600 099 // | ... | ... | ... | ... | — | ... | ... | — | — | ... |
| Sargodha | .. | 00 00 | ... | — | — | ... | ... | — | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal | — | 180 10 | 220 08 | 220 08 | 235 06 | 270 08 | 260 12 | 285 20 | 290 35 | — | ... | ... | ... | ... | ... | ... | 190 17 | 200 28 | 225 22 | 235 31 | ... | ... | ... | — | ... | ... | — |
| Bogra | — | 335 03 | 230 05 | 230 08 | 250 11 | 260 18 | 280 31 | 290 38 | ... | — | 215 12 | 225 12 | 270 09 | 290 89 | 275 29 | 300 35 | 210 09 | 230 12 | 235 15 | 260 17 | 280 15 | 280 37 | 285 47 | ... | ... | ... | — |
| Chaklala | — | — | 316 12 | 300 08 | 275 08 | 170 15 | 195 19 | 210 27 | 315 29 | 290 39 | ... | 220 01 | 350 06 | 010 12 | 310 02 | 265 07 | ... | 290 06 | 270 03 | 150 06 | 150 04 | 185 09 | 205 35 | 245 25 | 265 32 | ... | — |
| Chhor | — | 265 12 | 265 09 | 270 11 | 270 13 | 250 25 | 280 32 | 285 34 | ... | — | 295 30 | 315 33 | 300 35 | 290 23 | 260 12 | 155 14 | 335 08 | 355 11 | 335 08 | 285 18 | 270 18 | 275 20 | 263 28 | 255 39 | 260 45 | — | — |
| Chittagong | — | 315 12 | 185 16 | 195 09 | 215 10 | 220 07 | — | ... | — | — | 175 13 | 180 17 | 180 17 | 230 15 | 245 15 | 265 15 | 170 13 | 160 15 | 175 18 | 225 13 | 235 17 | 285 30 | 280 30 | 265 37 | 265 43 | | |
| Cherat | — | ... | ... | ... | — | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | — | 175 12 | 175 15 | 180 17 | 270 17 | 215 14 | 195 15 | — | ... | ... | 175 08 | 175 10 | 190 16 | 205 19 | 2 5 23 | ... | 180 31 | 180 31 | 180 27 | 205 24 | 215 13 | 225 08 | 250 07 | 295 08 | ... | ... | — |
| Dacca | — | 175 15 | 225 12 | 235 13 | 255 16 | ... | | ... | ... | ... | 220 21 | 220 26 | 240 25 | /// // | 290 17 | 280 28 | 200 16 | 195 19 | 225 23 | 225 24 | 245 21 | 270 45 | 290 45 | 300 45 | 200 29 | 280 62 | 295 57 |
| Dalbandin | — | ... | ... | 143 01 | 140 03 | 140 04 | 265 19 | 280 45 | 290 41 | 300 49 | ... | ... | 075 14 | 040 09 | 360 08 | 310 19 | ... | ... | 055 04 | 015 08 | 005 08 | 325 13 | 270 32 | 265 40 | 260 44 | 265 51 | 265 60 |
| D. I. Khan | - | 300 02 | 255 04 | 215 04 | 275 04 | 280 07 | 280 16 | 275 21 | 260 27 | 265 33 | 340 04 | 345 05 | 320 04 | 275 08 | 275 04 | ... | 305 16 | 305 18 | 305 17 | 295 13 | 250 07 | 270 12 | 240 20 | 260 25 | 275 35 | 270 47 | 285 60 |
| Drosh | — | ... | ... | — | 270 01 | 150 04 | 180 13 | ... | ... | ... | ... | ... | ... | 055 05 | 020 10 | 045 17 | ... | — | — | 045 11 | 010 15 | 005 10 | 220 13 | 220 15 | 220 19 | 240 41 | 275 58 |
| Fort Sandeman | — | ... | ... | — | 235 17 | 285 08 | 270 08 | 275 29 | 270 44 | 245 49 | ... | — | ... | 270 08 | 295 16 | 310 09 | ... | ... | ... | 225 05 | 260 05 | 290 12 | 310 30 | 315 34 | 330 34 | 295 31 | 245 43 |
| Gilgit | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | ... |
| Ishurdi | ... | 210 04 | 265 07 | 250 08 | 260 10 | 265 15 | 270 40 | — | ... | ... | 200 15 | 200 19 | 195 23 | ... | ... | ... | 225 12 | 230 13 | 240 16 | 255 13 | 275 18 | 275 35 | ... | ... | ... | ... | ... |
| Jacobabad | — | 310 05 | 295 05 | 295 07 | 275 06 | 265 13 | 255 35 | 265 40 | — | ... | 310 31 | 325 35 | 315 26 | 300 14 | 290 10 | 260 12 | 360 07 | 330 12 | 330 16 | 340 17 | 345 16 | 310 24 | 255 37 | 260 51 | 260 48 | 255 60 | 245 69 |
| Jessore | — | 290 12 | 290 09 | 290 12 | 285 13 | 285 15 | 270 23 | 265 19 | ... | ... | 230 18 | 235 16 | 240 15 | ... | ... | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... |
| Jhelum | — | 200 04 | 215 08 | 225 08 | 235 12 | 235 13 | 190 14 | 200 21 | 220 20 | 245 18 | 315 14 | 320 11 | 325 08 | 005 06 | 310 09 | ... | 295 11 | 320 08 | 330 10 | 180 04 | 170 07 | 230 09 | 235 38 | 260 57 | 285 63 | ... | ... |
| Jiwani | — | 260 12 | 290 11 | 290 12 | 285 18 | 285 22 | 280 26 | 270 20 | 270 26 | .. | 290 15 | 295 14 | 290 15 | 280 16 | 265 15 | 285 28 | 125 07 | 070 06 | 050 08 | 010 06 | 300 20 | 280 31 | 285 39 | 285 59 | 175 54 | 285 62 | — |
| Karachi | — | 260 14 | 265 17 | 280 19 | 230 27 | 275 32 | 275 38 | 270 27 | ... | ... | ... | ... | ... | ... | ... | ... | 340 08 | 335 13 | 320 16 | 330 17 | 280 16 | 295 17 | 275 25 | 260 32 | 260 44 | ... | ... |
| Khanpur | — | 205 03 | 240 04 | 240 02 | 260 03 | 245 04 | 255 10 | 260 19 | 245 33 | 280 30 | 215 06 | 230 07 | 245 08 | 270 03 | 300 08 | 310 18 | 360 12 | 010 17 | 025 17 | 030 07 | 010 22 | 010 24 | 310 19 | 265 29 | 270 35 | 275 35 | 275 54 |
| Khuzdar | — | ... | — | — | ... | ... | — | — | ... | ... | ... | ... | ... | 325 08 | 325 32 | ... | ... | ... | ... | 320 12 | 325 19 | 295 30 | 275 40 | ... | ... | ... | ... |
| Lahore | — | 150 03 | 120 03 | 065 02 | 220 03 | 225 10 | 245 15 | 260 35 | 265 39 | 270 40 | 360 09 | 005 13 | 350 13 | 315 10 | 300 13 | 320 12 | 345 03 | 360 08 | 020 02 | 055 02 | 050 04 | 165 01 | 230 12 | 240 14 | 230 21 | 250 40 | 278 51 |
| Multan | — | 165 06 | 180 03 | 180 03 | 280 03 | 200 05 | 280 10 | 270 31 | 260 37 | 255 41 | 350 10 | 355 08 | 345 13 | 355 10 | 235 07 | 220 13 | ... | ... | — | ... | ... | — | ... | ... | ... | ... | ... |
| Nawab Shah | — | 260 04 | 255 04 | 240 06 | 255 12 | 270 21 | 265 20 | 275 40 | 280 44 | ... | 005 18 | 360 08 | 360 09 | 265 14 | 260 16 | 285 21 | 345 08 | 330 08 | 300 08 | 305 08 | 295 18 | 275 29 | 265 59 | 260 51 | 265 55 | 265 86 | 265 90 |
| Nokkundi | .. | ... | ... | 310 08 | 330 06 | 300 03 | 285 14 | 280 41 | 270 43 | 270 52 | ... | ... | 315 06 | 225 03 | 160 07 | 015 07 | ... | ... | 195 06 | 285 04 | 290 04 | 295 10 | 305 19 | 310 24 | 315 23 | ... | .. |
| Panjgur | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | — | ... | 275 04 | 295 04 | 190 06 | 305 13 | 285 04 | 315 11 | 275 23 | 255 32 | ... | 270 04 | 270 05 | 305 13 | 305 15 | 325 10 | ... | 010 06 | 300 04 | 300 08 | 300 07 | 185 09 | 200 19 | 250 25 | 250 35 | 250 67 | 265 68 |
| Parachinar | .. | ... | ... | ... | 260 11 | 235 12 | /// // | 265 34 | — | ... | ... | ... | ... | 290 02 | 275 03 | ... | ... | ... | — | 110 10 | 180 04 | 240 30 | 260 09 | 255 62 | 260 36 | — | ... |
| Quetta | ... | ... | ... | ... | ... | 305 16 | 290 13 | 275 54 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 260 13 | 260 10 | 300 19 | 295 31 | 280 56 | ... | |
| Sargodha | — | 305 06 | 300 06 | 295 06 | 275 12 | 225 11 | 255 08 | 265 23 | 275 12 | 270 43 | 035 08 | 025 12 | 035 09 | 300 03 | 275 09 | 240 12 | 360 04 | 045 01 | 045 02 | 185 04 | 200 08 | 205 02 | 280 32 | 265 30 | 270 31 | ... | .. |
| Skardu | — | ... | ... | ... | ... | ... | ... | — | ... | ... | ... | .. | .. | .. | ... | | ... | ... | ... | ... | — | 215 02 | — | ... | ... | ... | .. |
| Sylhet | — | 115 11 | 020 04 | 250 03 | 230 23 | 245 23 | 270 24 | ... | ... | ... | ... | ... | ... | — | ... | ... | 130 02 | 180 08 | 195 17 | ... | ... | ... | ... | ... | ... | ... | .. |
| Veraval | — | ... | — | .. | ... | ... | — | — | — | ... | ... | ... | .. | — | ... | ... | — | — | ... | ... | ... | — | — | ... | — | ... | .. |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms a.s.l → | | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 48.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | — | | | | | | | | | | | | | | | | | | |
| Dacca | — | | | | | | | | | | | | | | | | | | |
| Gilgit | — | | | | | | | | | | | | | | | | | | |
| Jiwani | — | | | | | | | | | | | | | | | | | | |
| Karachi | — | 310 14 | 310 15 | 310 16 | 300 15 | 300 15 | 290 17 | 250 30 | 245 31 | 260 30 | 255 44 | 255 60 | ... | ... | ... | ... | ... | ... | ... |
| Multan | ... | 035 18 | 035 21 | 035 23 | 335 10 | 270 08 | 265 16 | 290 30 | 285 49 | 285 64 | 280 86 | 280 05 | ... | ... | .. | ... | .. | .. | |
| Peshawar | — | | | | | | | | | | | | | | | | | | |
| Quetta | ... | | | | | | | | | | | | | | | | | | |
| Sargodha | ... | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression

hhh—(heights) · Tens of geopotential metre

TT—Dry Bulb temperatures in °C

$T_a$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

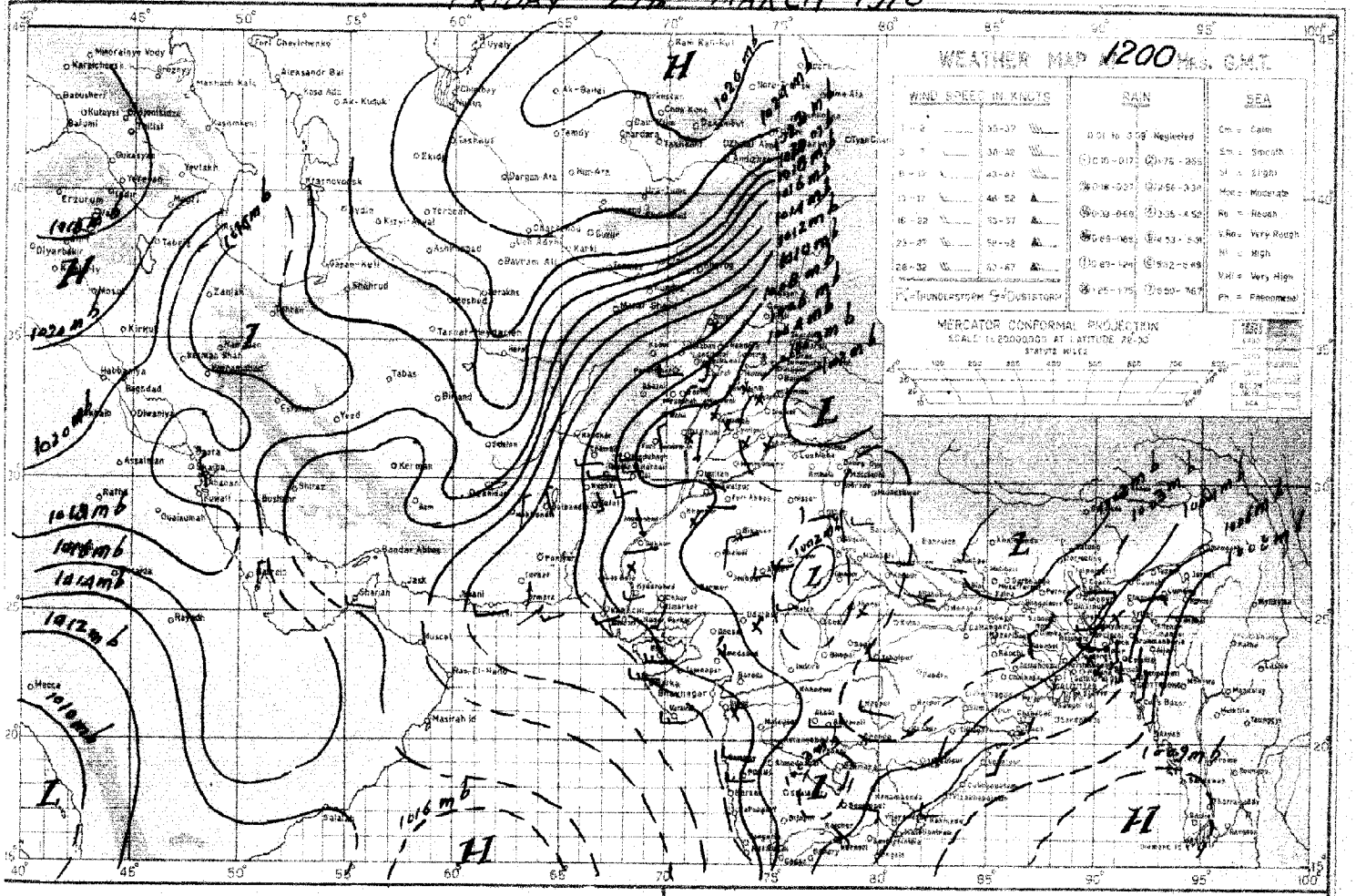
† The actual time of observations may vary within half an hour of the specified time.

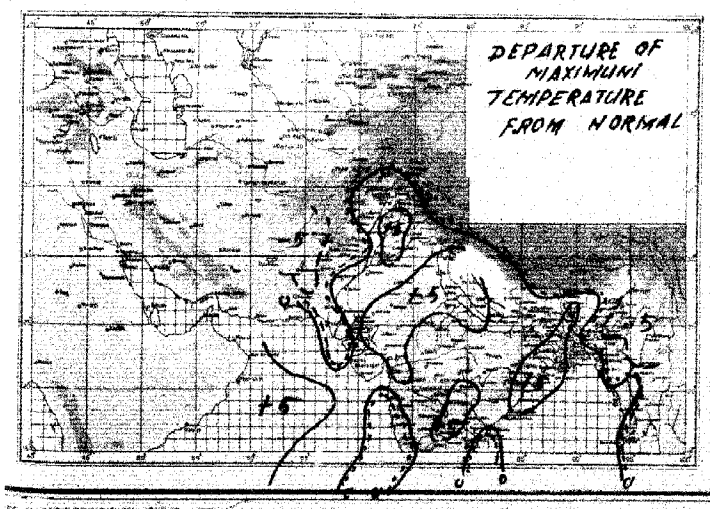
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

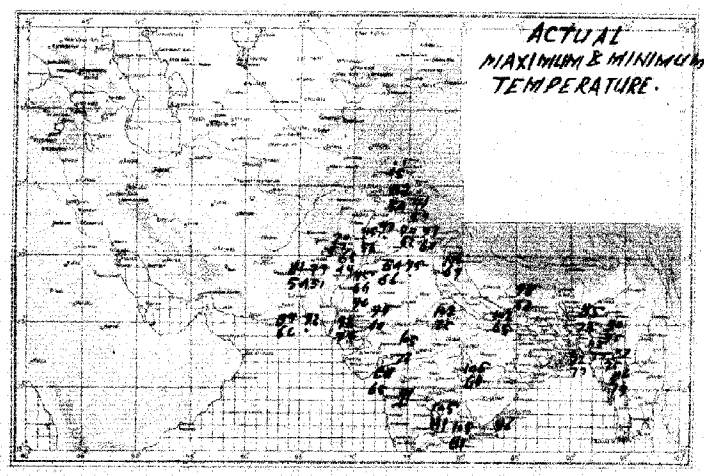
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—1.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 27th MARCH 1970

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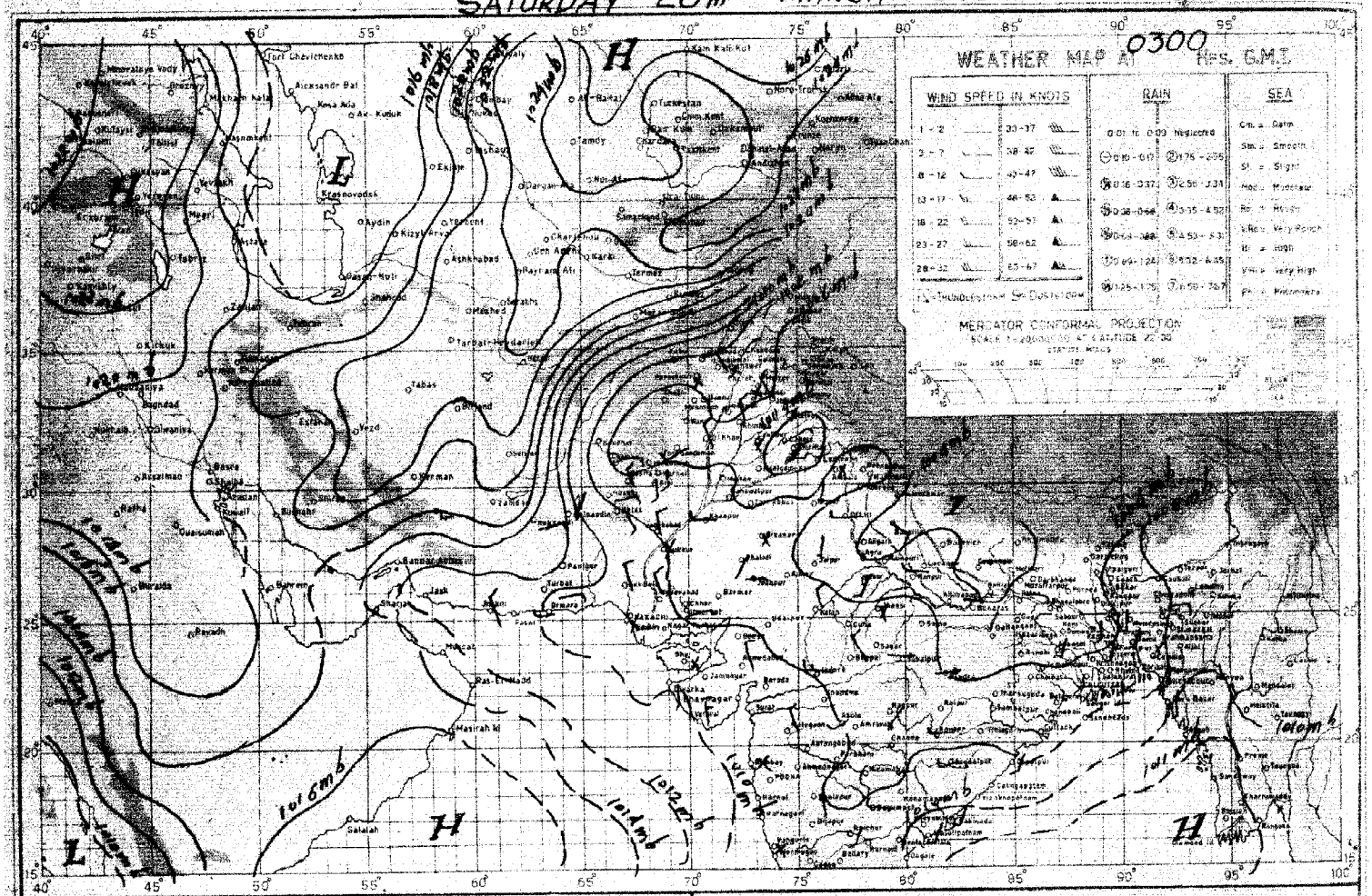
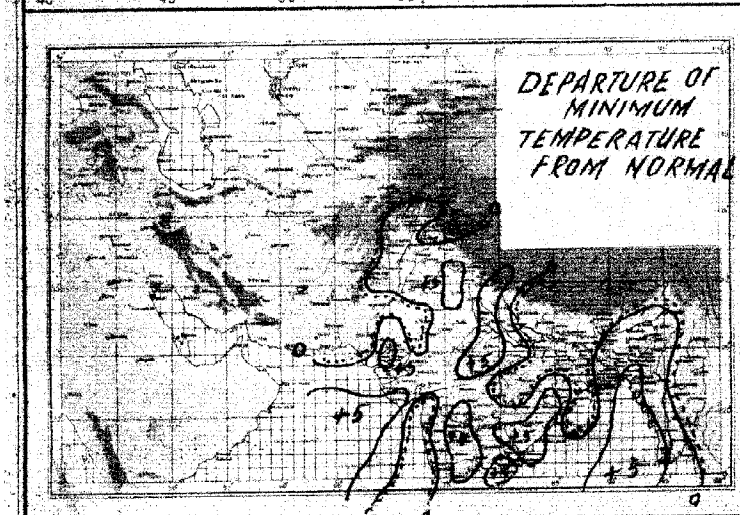
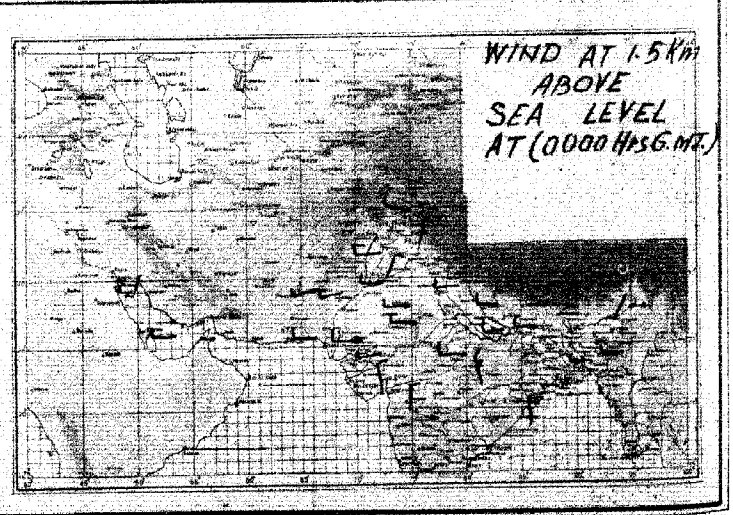
# PAKISTAN DAILY WEATHER MAP

SATURDAY 28th MARCH 1970

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Reg. No. S-1467
Volume No. 24

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 29th MARCH, 1970.**

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's westerly low pressure wave moved eastwards and now lies over northern divisions of west Pakistan. A few falls of light rain have occurred in Peshawar division.

The trough of low pressure over Orissa and west Bengal persists. Local rain/thundershowers have occurred in Chittagong division, scattered in Dacca division. Dry weather prevailed elsewhere over the country.

Chief amounts of rainfall are Brahmanbaria 1", Sylhet ½", Srimangal (upto1200 G.M.T.) and Dacca ½" each.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Lahore, Kalat and Hyderabad divisions and 3—6 °F (2—3 °C) below normal in Sargodha, Multan, Peshawar and Quetta divisions.

**Forecast valid until the evening of 30th March 1970 :**—Local thunderstorm/showers with squally winds are likely over Khulna, Rajshahi and Chittagong divisions and scattered in Dacca, Peshawar, Rawalpindi, Lahore and Sargodha divisions. Dry weather is likely to prevail elsewhere over west Pakistan.

**Earth Quake Report** Seismograph of geophysical centre Quetta recorded an earth quake of severe intensity on 29th March 1970 at 0000 Hrs. 09 minutes W. P. S. T. The epicentre lies about 2300 miles northwest of Quetta in north western Turkey.

Karachi-11
The 29th March, 1970.

## OBSERVATIONS

QAZI SUBHAN AHMAD
for Director, Meteorological Service.

| DIVISIONS (1) | STATIONS (2) | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 080 | 0 | 4 | 23 | 05 | 96 | 04 | 1 | 072 | 87 | 3 | 3 | 6 | 0 | 0 | 76 | 93 | 000 | 0 | 3 | 18 | 39 | 97 | 04 | 1 | 113 | 84 | 3 | 4 | 6 | 0 | 0 | 73 | 77 | — | — | 6.3 | — | 4.7 | . |
| | Cox's Bazar | 000 | 0 | 4 | 18 | 05 | 96 | 02 | 0 | 063 | 82 | 4 | 4 | 4 | 0 | 0 | 73 | 87 | 000 | 0 | 5 | 18 | 05 | 97 | 00 | 0 | 108 | 84 | 3 | 4 | 2 | 0 | 0 | 73 | 77 | 0 | + 6 | 1.0 | — 5.3 | 0.3 | 140 |
| | Chittagong | 000 | 0 | 5 | 18 | 20 | 96 | 01 | 2 | 061 | 82 | 1 | 4 | 4 | 0 | 2 | 76 | 90 | 000 | 0 | 3 | 13 | 12 | 96 | 03 | 0 | 105 | 84 | 3 | 4 | 4 | 0 | 0 | 77 | 75 | + 3 | + 4 | 1.5 | — 5.0 | 0.7 | 108 |
| | Maijdee Court | 080 | 9 | 7 | 18 | 09 | 96 | 03 | 2 | 039 | 82 | 1 | 5 | 4 | 1 | 0 | 76 | 87 | 000 | 0 | 5 | 18 | 09 | 96 | 03 | 2 | 093 | 84 | 3 | 3 | 5 | 2 | 0 | 77 | 77 | — 1 | — | 3.8 | — 1.4 | 3.4 | 115 |
| | Comilla | 000 | 0 | 7 | 18 | 09 | 96 | 08 | 9 | 055 | 82 | 7 | 4 | 4 | 0 | 0 | 78 | 90 | 000 | 0 | 4 | 18 | 05 | 96 | 02 | 0 | 080 | 84 | 4 | 4 | 7 | 0 | 0 | 79 | 73 | — 1 | + 2 | 2.4 | — 3.3 | 2.0 | 94 |
| | Brahmanbaria | 120 | 2 | 7 | 18 | 10 | 96 | 92 | 6 | 096 | 76 | 7 | 3 | 5 | 0 | 0 | 72 | 90 | 120 | 0 | 0 | 00 | 00 | 97 | 03 | 1 | 078 | 84 | 5 | 5 | 5 | 0 | 0 | 75 | 73 | — | — | 4.2 | — 1.3 | 2.2 | 78 |
| | Sylhet | 033 | 9 | 7 | 09 | 03 | 96 | 17 | 9 | 032 | 77 | 5 | 9 | 4 | 2 | 0 | 72 | 80 | 018 | 9 | 5 | 09 | 05 | 96 | 02 | 1 | 076 | 81 | 5 | 5 | 4 | 3 | 0 | 73 | 73 | — | — | — | — | — | — |
| | Srimangal | 137 | 9 | 6 | 20 | 05 | 96 | 05 | 6 | 038 | 75 | 4 | 9 | 4 | 7 | 2 | 70 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | — | | | | 98 |
| Dacca | Mymensingh | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 003 | 90 | 6 | 5 | 5 | 0 | 0 | 63 | 96 | 000 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 046 | 82 | 6 | 5 | 5 | 0 | 0 | 75 | 77 | + 5 | + 8 | 2.5 | — 1.4 | 2.2 | 91 |
| | Narayanganj | 000 | 0 | 8 | 13 | 04 | 93 | 03 | 2 | 043 | 85 | 8 | 6 | 4 | 0 | 0 | 76 | 86 | 000 | 0 | 7 | 13 | 03 | 97 | 02 | 2 | 072 | 82 | 5 | 4 | 4 | 1 | 5 | 77 | 77 | — 6 | — | 3.5 | — 1.3 | 2.2 | 74 |
| | Dacca (Tejgaon) | 022 | 7 | 6 | 18 | 07 | 97 | 29 | 9 | 021 | 85 | 4 | 3 | 4 | 7 | 0 | 76 | 96 | 022 | 9 | 7 | 23 | 05 | 97 | 02 | 9 | 071 | 82 | 6 | 8 | 4 | 6 | 0 | 75 | 79 | — | — | 5.2 | — | 2.0 | — |
| | Faridpur | 000 | 0 | 3 | 20 | 07 | 97 | 01 | 1 | 003 | 91 | 3 | 5 | 5 | 0 | 0 | 70 | 96 | 000 | 0 | 2 | 20 | 07 | 98 | 01 | 9 | 071 | 87 | 7 | 4 | 0 | 0 | 0 | 73 | 77 | / | — | — | — | — | 71 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 18 | 07 | 97 | 02 | 0 | 083 | 84 | 6 | 4 | 5 | 0 | 0 | 79 | 79 | — | + 6 | 2.2 | — 2.8 | 1.3 | 81 |
| | Khulna | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 037 | 85 | 0 | 0 | 9 | 0 | 0 | 77 | 95 | 000 | 0 | 0 | 18 | 06 | 97 | 00 | 0 | 058 | 84 | 0 | 0 | 0 | 0 | 0 | 75 | 79 | + 2 | + 7 | 3.9 | — 1.2 | 3.7 | 68 |
| | Satkhira | 000 | 0 | 0 | 08 | 03 | 97 | 00 | 0 | 028 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 95 | 000 | 0 | 0 | 18 | 06 | 97 | 00 | 0 | 058 | 84 | 0 | 0 | 0 | 0 | 0 | 75 | 79 | 0 | + 7 | 3.9 | — 1.2 | 3.7 | 68 |
| | Jessore | 000 | 0 | 1 | 19 | 18 | 97 | 01 | 1 | 017 | 91 | 1 | 5 | 5 | 0 | 0 | 73 | 98 | 000 | 0 | 0 | 18 | 06 | 97 | 01 | 2 | 062 | 84 | 0 | 0 | 9 | 0 | 0 | 75 | 73 | — | — | 4.8 | — 0.3 | 3.7 | 65 |
| Rajshahi | Pabna | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 003 | 96 | 0 | 0 | 9 | 0 | 0 | 51 | 00 | 000 | 0 | 0 | 18 | 05 | 98 | 02 | 0 | 058 | 84 | 0 | 0 | 9 | 0 | 0 | 75 | 75 | — | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 2 | 006 | 96 | 2 | 0 | 8 | 0 | 6 | 49 | 98 | 000 | 0 | 0 | 18 | 03 | 98 | 01 | 2 | 064 | 82 | 6 | 2 | 6 | 0 | 0 | 73 | 75 | + 4 | — | 2.4 | — 0.6 | 2.0 | 64 |
| | Rajshahi | 000 | 0 | 2 | 00 | 96 | 92 | 00 | 0 | 006 | 91 | 0 | 0 | 9 | 0 | 1 | 73 | 98 | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 057 | 86 | 0 | 0 | 9 | 0 | 0 | 75 | 75 | + 4 | + 6 | 5.0 | + 2.1 | 2.0 | — |
| | Bogra | 000 | 0 | 1 | 27 | 02 | 96 | 02 | 0 | 002 | 95 | 0 | 0 | 9 | 0 | 1 | 41 | 00 | 000 | 0 | 0 | 09 | 02 | 96 | 01 | 2 | 059 | 84 | 4 | 3 | 2 | 2 | 1 | 75 | 77 | + 5 | + 10 | — | — | — | 69 |
| | Dinajpur | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 995 | 95 | 0 | 0 | 9 | 0 | 0 | 62 | 96 | | | | | | | | | | | | | | | | | | + 3 | | | | | 73 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 05 | 02 | 96 | 03 | 0 | 143 | 77 | 6 | 0 | 9 | 2 | 0 | 68 | 62 | — | — 2 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 1 | 011 | 87 | 2 | 0 | 9 | 3 | 2 | 43 | 90 | 000 | 9 | 0 | 00 | 00 | 96 | 01 | 6 | 036 | 69 | 0 | 0 | 9 | 0 | 0 | 51 | 60 | — | + 3 | 2.0 | — 1.3 | 2.0 | 19 |
| | Sialkot | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 008 | 87 | 0 | 0 | 9 | 0 | 0 | 40 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 8 | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 4 | 27 | 04 | 97 | 02 | 1 | 017 | 86 | 2 | 1 | 7 | 3 | 0 | 58 | 90 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 042 | 65 | 0 | 0 | 9 | 0 | 0 | 51 | 56 | — | — | 3.5 | — | 5.3 | — |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 6 | /// | 65 | 1 | 1 | 8 | 0 | 0 | 43 | 58 | — | — | 4.9 | — | 6.8 | — |
| | Rawalpindi | 000 | 0 | 6 | 27 | 02 | 96 | 02 | 0 | 021 | 80 | 6 | 4 | 7 | 0 | 0 | 43 | 82 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 062 | 58 | 0 | 0 | 9 | 0 | 0 | 47 | 54 | + 1 | — 1 | 8.7 | — 0.3 | 8.5 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | 000 | 0 | 2 | 23 | 10 | 97 | 01 | 2 | 010 | 90 | 0 | 0 | 9 | 0 | 2 | 64 | 91 | 080 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 049 | 69 | 0 | 0 | 9 | 0 | 0 | 51 | 58 | + 6 | — 3 | 1.8 | — 1.3 | 1.8 | 15 |
| | Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 043 | 69 | 0 | 0 | 9 | 0 | 0 | 50 | // | — | — | 1.9 | — | 1.7 | .. |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 019 | 87 | 0 | 0 | 9 | 0 | 0 | 67 | 90 | 000 | 0 | 0 | 00 | 06 | 96 | 00 | 0 | 039 | 62 | 0 | 0 | 9 | 0 | 0 | 51 | 58 | + 1 | — 1 | 1.5 | — 0.3 | 1.2 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 4 | 23 | 02 | 97 | 02 | 1 | 019 | 90 | 2 | 0 | 9 | 1 | 4 | 55 | 93 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 058 | 65 | 0 | 0 | 9 | 0 | 0 | 30 | 56 | + 4 | — 6 | 0.8 | — 0.4 | 0.8 | 7 |
| | Leiah | 000 | 0 | 0 | 36 | 06 | 93 | 00 | 0 | 110 | 72 | 0 | 0 | 9 | 0 | 0 | 58 | 82 | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 067 | 65 | 0 | 0 | 9 | 0 | 0 | 40 | // | — | — | 0.0 | — | 0.0 | 4 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 08 | 00 | 97 | 02 | 0 | 032 | 91 | 0 | 0 | 9 | 0 | 0 | 32 | 93 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 037 | 90 | 0 | 0 | 9 | 0 | 0 | 54 | 91 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 115 | 70 | 0 | 0 | 9 | 0 | 0 | 52 | 63 | — | — | | | | 4 |
| | Fort Abbas | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 017 | 93 | 0 | 0 | 9 | 0 | 0 | 54 | 95 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 053 | 67 | 0 | 0 | 9 | 0 | 0 | 32 | 58 | — | — | | | | 8 |
| Malakand | Chakdra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 064 | 54 | 0 | 0 | 9 | 0 | 0 | 45 | 47 | — | — | 7.3 | — | 6.3 | — |
| Peshawar | Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 066 | 62 | 0 | 0 | 9 | 0 | 0 | 41 | 50 | — | — 6 | 3.8 | — 3.4 | 3.3 | 11 |
| | Haripur | 000 | 0 | 0 | 13 | 02 | 97 | 00 | 0 | 056 | 86 | 0 | 0 | 9 | 0 | 0 | 49 | 86 | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 077 | 65 | 0 | 0 | 9 | 0 | 0 | 50 | 56 | — | — | 8.3 | — | 7.4 | — |
| D. I. Khan | Bannu | 000 | 3 | 0 | 13 | 02 | 99 | 01 | 0 | 018 | 85 | 0 | 0 | 9 | 4 | 0 | 36 | 87 | 000 | 0 | 0 | 05 | 02 | 99 | 00 | 1 | 045 | 58 | 0 | 0 | 9 | 0 | 0 | 43 | 54 | — | — | 2.1 | — | 1.6 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 019 | 87 | 0 | 0 | 9 | 0 | 0 | 29 | 50 | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 051 | 73 | 0 | 0 | 9 | 0 | 0 | 32 | 62 | + 4 | + 2 | 7.7 | + 5.5 | 7.7 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 27 | 08 | 96 | 05 | 0 | 052 | 93 | 0 | 0 | 9 | 0 | 0 | 62 | 94 | 000 | 0 | 0 | 27 | 04 | 97 | 02 | 0 | 080 | 74 | 0 | 0 | 9 | 9 | 0 | 48 | 71 | — | — | 0.9 | — | 0.9 | 8 |
| | Nokkundi | 000 | 0 | 3 | 31 | 14 | 96 | 01 | 0 | 094 | 78 | 3 | 5 | 1 | 0 | 0 | 57 | 81 | 030 | 0 | 0 | 31 | 01 | 97 | 02 | 0 | 147 | 57 | 0 | 0 | 9 | 0 | 0 | 47 | 51 | — | — | 2.5 | — | 2.5 | 3 |
| Kalat | Turbat | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 104 | 96 | 0 | 0 | 9 | 0 | 0 | 31 | 96 | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 139 | 77 | 0 | 0 | 9 | 0 | 0 | 29 | 77 | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 000 | 0 | 2 | 23 | 10 | 96 | 02 | 0 | 088 | 85 | 0 | 0 | 9 | 0 | 0 | 41 | 90 | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 105 | 74 | 0 | 0 | 9 | 0 | 0 | 69 | 68 | — | — | 9.1 | — | 8.3 | 8 |
| | Pasni | 000 | 0 | 0 | 25 | 03 | 97 | 02 | 0 | 091 | 84 | 0 | 0 | 0 | 0 | 0 | 69 | 94 | 000 | 0 | 0 | 29 | 08 | 97 | 02 | 0 | 094 | 65 | 0 | 0 | 0 | 0 | 0 | 54 | // | — | — | 2.5 | — 2.3 | 2.5 | 6 |
| Karachi Division | Ormara | 000 | 0 | 0 | 18 | 10 | 96 | 02 | 0 | 081 | 90 | 0 | 0 | 9 | 0 | 0 | 50 | 94 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 105 | 73 | 0 | 0 | 9 | 0 | 0 | 60 | // | — | — | 2.9 | — 1.7 | 2.9 | 6 |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 049 | 99 | 0 | 0 | 9 | 0 | 0 | 69 | 01 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 100 | 44 | 0 | 0 | 8 | 0 | 0 | 61 | 51 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 000 | 0 | 0 | 27 | 09 | 97 | 02 | 0 | 067 | 81 | 0 | 0 | 9 | 0 | 0 | 69 | 87 | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 090 | 75 | 0 | 0 | 9 | 0 | 0 | 70 | 73 | — | — | 1.1 | + 0.4 | 1.1 | 8 |
| | Karachi (Airport) | 000 | 0 | 0 | 27 | 10 | 96 | 03 | 0 | 064 | 93 | 3 | 0 | 9 | 3 | 0 | 29 | 97 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 092 | 73 | 0 | 0 | 9 | 0 | 0 | 69 | 70 | / | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 119 | 97 | 0 | 0 | 0 | 0 | 0 | 40 | 04 | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 143 | 74 | 0 | 0 | 0 | 0 | 0 | 57 | 74 | — | — | 0.1 | — | 0.1 | — |
| | Chhor | 000 | 0 | 2 | 13 | 10 | 96 | 03 | 0 | 045 | 94 | 2 | 0 | 9 | 3 | 0 | 42 | 98 | 000 | 0 | 0 | 00 | 03 | 96 | 07 | 0 | 085 | 69 | 0 | 0 | 9 | 0 | 0 | 49 | // | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | 000 | 1 | 1 | 31 | 02 | 97 | 03 | 0 | 051 | 97 | 1 | 0 | 9 | 3 | 0 | 29 | 99 | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 097 | 75 | 0 | 0 | 9 | 0 | 0 | 43 | 69 | — | + 1 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 000 | 0 | 0 | 23 | 07 | 97 | 02 | 0 | 062 | 98 | 0 | 0 | 9 | 0 | 0 | 31 | 01 | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 088 | 71 | 0 | 0 | 9 | 0 | 0 | 63 | 69 | — | + 3 | 0.1 | — 0.9 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 1 | 31 | 05 | 96 | 02 | 0 | 054 | 94 | 0 | 0 | 9 | 0 | 1 | 39 | 95 | 000 | 0 | 0 | 05 | 02 | 96 | 02 | 0 | 091 | 65 | 0 | 0 | 9 | 0 | 0 | 49 | 58 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 000 | 0 | 1 | 31 | 02 | 96 | 02 | 0 | 001 | 93 | 0 | 0 | 9 | 3 | 0 | 65 | 96 | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 102 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 68 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 044 | 90 | 0 | 0 | 9 | 0 | 0 | 50 | 91 | 000 | 0 | 0 | 23 | 03 | 95 | 05 | 4 | 083 | 68 | 0 | 0 | 9 | 0 | 0 | 39 | 62 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 31 | 07 | 97 | 03 | 0 | 053 | 93 | 0 | 0 | 9 | 0 | 0 | 41 | 94 | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 081 | 71 | 0 | 0 | 9 | 3 | 0 | 47 | 63 | — | — 2 | 2.2 | + 1.2 | 2.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | 000 | 0 | 8 | 05 | 07 | 96 | 50 | 2 | 485 | 51 | 8 | 7 | 8 | 9 | 7 | 34 | 69 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | | | | | 29 |
| Peshawar | Cherat * | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 468 | 67 | 0 | 0 | 9 | 0 | 0 | 58 | 70 | 000 | 0 | 0 | 36 | 01 | 98 | 00 | 0 | 434 | 69 | 0 | 0 | 9 | 0 | 0 | 45 | 50 | + 5 | — 1 | 6.1 | — 4.5 | 5.5 | — |
| | Kakul * | 000 | 2 | 6 | 16 | 03 | 98 | 17 | 9 | 435 | 64 | 5 | 3 | 6 | 7 | 0 | 34 | 73 | 003 | 0 | 0 | 31 | 02 | 99 | 02 | 0 | 443 | 51 | 0 | 0 | 9 | 0 | 0 | 43 | 47 | — | — | 15.2 | — | 14.2 | — |
| | Landikotal * | 000 | 4 | 0 | 05 | 05 | 98 | 01 | 0 | 428 | 70 | 4 | 0 | 9 | 0 | 2 | 49 | 70 | 000 | 0 | 0 | 13 | 05 | 98 | 02 | 0 | 415 | 58 | 0 | 0 | 9 | 0 | 0 | 47 | 45 | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 454 | 80 | 0 | 0 | 9 | 0 | 0 | 64 | 80 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 466 | 65 | 0 | 0 | 9 | 0 | 0 | 40 | 68 | — | — | 0.1 | — 6.4 | 0.1 | 11 |
| D.I. Khan | Wana * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Quetta | Fort Sandeman * | 000 | 4 | 0 | 13 | 02 | 94 | 06 | 4 | 443 | 69 | 8 | 0 | 9 | 0 | 1 | 97 | 72 | 000 | 0 | 0 | 13 | 03 | 97 | 01 | 4 | 461 | 55 | 0 | 0 | 9 | 0 | 0 | 25 | 47 | — | — 5 | 2.8 | — 1.0 | 2.8 | — |
| | Hindubagh * | 000 | 0 | 2 | 23 | 13 | 95 | 05 | 0 | /// | 52 | 0 | 0 | 9 | 0 | 8 | 48 | 53 | 000 | 0 | 2 | 27 | 03 | 94 | 07 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 19 | 25 | — | — | 1.8 | — | 1.6 | 9 |
| | Loralai * | 000 | 0 | 0 | 27 | 12 | 98 | 01 | 0 | 460 | 65 | 0 | 1 | 9 | 0 | 6 | 48 | 68 | 000 | 0 | 0 | 18 | 06 | 98 | 00 | 0 | 465 | 55 | 0 | 0 | 9 | 0 | 0 | 38 | // | — | — | 2.2 | — | 2.1 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 8 | 31 | 13 | 92 | 07 | 3 | 442 | 77 | 0 | 0 | 9 | 0 | 0 | 47 | 79 | 000 | 0 | 0 | 31 | 01 | 98 | 02 | 0 | 446 | 43 | 0 | 0 | 9 | 0 | 0 | // | 52 | — | — | 3.8 | — 0.8 | 3.8 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 5 | 31 | 06 | 96 | 03 | 0 | 466 | 63 | 0 | 0 | 9 | 0 | 1 | 32 | 65 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 505 | 46 | 0 | 0 | 9 | 0 | 0 | // | 49 | — | — | 3.6 | — 3.3 | 2.9 | 9 |
| | Chaman * | 000 | 0 | 0 | 27 | 09 | 95 | 07 | 0 | 481 | 68 | 0 | 0 | 9 | 0 | 0 | 52 | 75 | 000 | 0 | 8 | 09 | 03 | 96 | 02 | 0 | 515 | 57 | 0 | 0 | 9 | 0 | 0 | 48 | 49 | — | — 2 | 7.7 | + 1.3 | 7.7 | — |
| | Nushki * | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 542 | 74 | 0 | 0 | 9 | 0 | 2 | 36 | 74 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 536 | 58 | 0 | 0 | 9 | 0 | 0 | 23 | 53 | — | — | 3.6 | — | 3.5 | 4 |
| | Dalbandin * | 000 | 0 | 5 | 13 | 02 | 98 | 03 | 0 | 496 | 78 | 0 | 0 | 9 | 2 | 0 | 37 | 79 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 495 | 55 | 0 | 0 | 9 | 0 | 0 | 33 | 49 | — | — 3 | 3.3 | + 0.4 | 3.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 2 | 462 | 56 | 0 | 0 | 9 | 0 | 0 | 30 | 67 | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 2 | 480 | 45 | 0 | 0 | 9 | 0 | 0 | 34 | 32 | — | — 8 | 3.0 | — 1.8 | 3.0 | — |
| | Khuzdar * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 468 | 77 | 0 | 0 | 9 | 0 | 0 | 22 | 77 | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 478 | 41 | 0 | 0 | 9 | 0 | 0 | 23 | 57 | — | — | 2.9 | — | 2.6 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When ever 999 is given 999 see the summary above for the actual amounts of rainfall

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 29th MARCH, 1970.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYG$G_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | 8$N_s$C$h_sh_s$ | 0$T_sT_sT_dT_d$ | 1$T_wT_wT_{wt}$T | 3$P_wP_wH_wH_w$ | d $d_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Glenoor ... ... | 99 2 02 | 10 6 38 | 28 1 23 | 03 0 07 | 98 0 20 | 10 6 26 | 00 9 00 | 53 5 04 | | | 0/ / 23 | 12 6 05 | | |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
| | | PoPoPo ToToTo DoDo | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 004 270 27 | ... | 400 224 58 | 097 068 59 | 577 093 95 | 746 203 59 | 951 381 58 | 220 547 // | 401 621 // | 636 721 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 005 210 45 | ... | 425 130 43 | 054 034 15 | 570 121 // | 739 191 // | 948 235 // | 231 415 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 988 190 69 | ... | 405 182 68 | 053 054 00 | 572 111 // | 739 213 // | 948 201 // | 230 401 // | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 964 108 56 | ... | 400 132 61 | 019 030 61 | 565 153 // | 739 291 // | 929 391 // | 202 511 // | 389 505 // | 655 465 // | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 998 154 59 | ... | 350 144 62 | 065 024 61 | 560 121 // | 729 195 // | 939 295 // | 219 435 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | | | Max. Wind Speed | TROPOPAUSE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TT $T_a$ DD | | | | | | | | | PmPmPm dmdm fmfmfm | $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 900 220 46 | 800 170 59 | 600 027 58 | 350 291 59 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Heights in Kms. a.s.l. → | At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | 210 20 | 260 03 | 265 03 | 270 15 | 275 33 | 280 20 | ... | ... | ... | 215 16 | 221 08 | 230 18 | 235 19 | ... | ... |
| Bogra ... | 270 31 | 270 16 | 270 18 | 270 19 | 270 19 | 280 19 | ... | ... | ... | 205 18 | 210 15 | 210 17 | ... | ... | ... |
| Chaklala ... | ... | 265 08 | 250 10 | 280 05 | 205 04 | ... | ... | ... | ... | ... | 055 02 | 050 03 | 025 04 | 005 06 | 335 09 |
| Chhor ... | 290 09 | 290 07 | 290 08 | 300 14 | 290 18 | 265 21 | 265 34 | 265 35 | 265 45 | 295 23 | 305 24 | 310 17 | 300 19 | 285 16 | ... |
| Chittagong ... | 180 14 | 180 27 | 180 24 | 215 25 | 225 10 | 265 24 | ... | ... | ... | 165 18 | 170 18 | 190 17 | 210 13 | 215 13 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 180 12 | 175 20 | 185 18 | 205 23 | 245 23 | 270 37 | ... | ... | ... | 160 13 | 165 15 | 115 17 | 190 14 | 195 12 | 210 19 |
| Dacca ... | 175 10 | 170 17 | 190 25 | 215 26 | 225 28 | ... | ... | ... | ... | 165 19 | 205 19 | 295 13 | ... | ... | ... |
| Dalbandin ... | ... | ... | 180 04 | 195 02 | 035 04 | 020 05 | 335 13 | ... | ... | ... | ... | 065 04 | 335 06 | 235 14 | 310 23 |
| D. I. Khan ... | 320 07 | 315 08 | 290 08 | 290 03 | 280 14 | 275 18 | 260 18 | 275 26 | 275 27 | 315 17 | 315 22 | 310 26 | 320 10 | 040 08 | 025 09 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 090 01 | 030 05 | 030 09 |
| Fort Sandeman ... | ... | ... | ... | 275 23 | 285 22 | ... | ... | ... | ... | ... | ... | ... | 195 05 | 235 05 | 310 37 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 030 03 | 015 01 | ... |
| Ishurdi ... | 245 13 | 255 17 | 255 19 | 261 18 | 230 33 | 270 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 290 13 | 290 15 | 285 17 | 280 17 | 270 13 | 280 14 | 265 64 | 255 92 | 250 93 | 340 23 | 335 22 | 310 19 | 295 17 | 280 19 | 275 19 |
| Jessore ... | 200 15 | 200 15 | 225 21 | 285 21 | 285 21 | 280 29 | ... | ... | ... | 125 10 | 335 17 | 245 28 | 285 21 | 270 24 | ... |
| Jhelum ... | 190 05 | 175 04 | 185 09 | 180 11 | 175 16 | 195 21 | 210 25 | 240 22 | 245 47 | 015 04 | 080 07 | 350 09 | 335 07 | 300 16 | 290 17 |
| Jiwani ... | 300 18 | 205 13 | 290 09 | 325 17 | 340 17 | 335 25 | 290 35 | 275 54 | 277 56 | 285 14 | 285 17 | 270 15 | 265 10 | 280 17 | ... |
| Karachi ... | 285 08 | 290 12 | 290 17 | 285 21 | 290 18 | 280 23 | 270 29 | /// // | 260 46 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 005 07 | 050 07 | 045 07 | 015 04 | 340 03 | 295 04 | 310 08 | 315 15 | 305 19 | 250 13 | 240 16 | 345 15 | 270 17 | 330 24 | 390 11 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 305 09 | 305 07 |
| Lahore ... | 245 03 | 200 04 | 190 04 | 165 04 | 170 08 | 155 14 | 170 17 | 170 22 | 185 21 | 355 08 | 345 08 | 335 12 | 310 13 | 305 15 | 310 15 |
| Multan ... | 290 05 | 330 04 | 310 04 | 310 09 | 295 13 | 285 20 | 275 29 | ... | ... | 315 12 | 315 11 | 275 10 | 280 12 | 295 18 | 275 28 |
| Nawab Shah ... | 310 03 | 290 03 | 285 07 | 275 16 | 285 20 | 280 27 | 265 42 | 260 39 | ... | 345 17 | 330 21 | 335 19 | 330 13 | 305 20 | 295 25 |
| Nokkundi ... | ... | ... | 320 14 | 305 14 | 295 12 | 275 08 | ... | ... | ... | ... | ... | 325 06 | 305 07 | 295 09 | 290 12 |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 315 19 | 305 18 | 310 17 | 315 13 | 240 05 | 300 10 | 210 20 | 205 07 | ... | 290 07 | 295 10 | 300 10 | 290 10 | 280 10 |
| Parachinar ... | ... | ... | ... | 270 06 | 255 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 265 15 | 295 17 | 300 36 | 275 55 | ... | ... | ... | ... | ... | 295 16 | 285 35 |
| Sargodha ... | 205 03 | 205 07 | 210 07 | 230 10 | 235 11 | 260 16 | 305 26 | 320 30 | ... | 040 13 | 035 08 | 355 08 | 315 06 | 300 05 | 235 05 |
| Skardu ... | ... | ... | ... | ... | 270 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 185 23 | 185 29 | 205 25 | 225 23 | 260 29 | ... | ... | ... | ... | 200 19 | 210 25 | 225 21 | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Heights in Kms. a.s.l. → | At 0600 hrs. G.M.T. † of date (dd ff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | .5 | 26 | 27 |
| Barisal ... | 200 19 | 200 12 | 200 20 | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | 180 12 | 330 12 | 230 12 | 230 20 | 260 25 | 280 40 | 280 53 | 252 90 | ... | ... | ... |
| Chaklala ... | ... | 300 04 | 255 04 | 225 03 | 205 04 | 160 02 | 215 02 | 310 02 | 310 13 | ... | ... |
| Chhor ... | 005 12 | 335 15 | 335 17 | 310 19 | 305 25 | 270 32 | 265 26 | 275 49 | ... | ... | ... |
| Chittagong ... | 165 15 | 170 19 | 185 20 | 200 17 | 215 17 | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 170 02 | 170 22 | 170 20 | 185 21 | 175 21 | ... | ... | ... | ... | ... | ... |
| Dacca ... | 175 17 | 180 21 | 195 15 | 250 13 | 270 20 | 280 29 | 290 35 | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | 090 04 | 020 03 | 330 30 | 290 19 | 303 53 | 295 27 | 285 32 | 280 42 | 280 52 |
| D. I. Khan ... | 310 12 | 320 20 | 351 03 | 005 12 | 360 12 | 123 03 | 190 06 | 295 13 | 280 19 | 280 31 | 265 41 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 255 06 | 290 02 | 330 06 | 310 18 | 290 38 | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 220 10 | 245 13 | 270 13 | 285 20 | 285 23 | 280 38 | ... | ... | ... | ... | ... |
| Jacobabad ... | 350 23 | 345 18 | 335 17 | 300 18 | 280 15 | 300 23 | 315 28 | 277 52 | 305 36 | 275 46 | ... |
| Jessore ... | 225 05 | 235 08 | 240 10 | 270 15 | 295 23 | 290 34 | 270 34 | 255 38 | 240 04 | ... | ... |
| Jhelum ... | 310 10 | 320 12 | 345 10 | 360 07 | 055 07 | 170 04 | 210 19 | 210 04 | 220 30 | 220 29 | 250 47 |
| Jiwani ... | 340 06 | 340 07 | 335 10 | 305 13 | 235 12 | 280 15 | 295 32 | 275 41 | 260 39 | — | ... |
| Karachi ... | 340 06 | 340 07 | 335 10 | 305 13 | 235 12 | 280 15 | 245 32 | 275 41 | 260 39 | ... | ... |
| Khanpur ... | 310 02 | 300 20 | 320 21 | 325 20 | 315 23 | 325 30 | 300 37 | 325 01 | 300 40 | 290 42 | 275 54 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 190 02 | 145 01 | 130 05 | 125 08 | 085 09 | 075 10 | 145 18 | 125 13 | 125 13 | 210 03 | 210 44 |
| Multan ... | 345 05 | 350 09 | 350 14 | 320 17 | 285 12 | 275 17 | 320 15 | 270 28 | 265 02 | ... | ... |
| Nawab Shah ... | 315 08 | 295 12 | 295 13 | 300 21 | 295 28 | 280 34 | 270 58 | 270 76 | ... | ... | ... |
| Nokkundi ... | ... | ... | 325 02 | 340 14 | 285 48 | 290 07 | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 345 07 | 330 10 | 310 15 | 300 17 | 295 08 | 210 13 | 230 14 | 280 10 | 275 22 | 270 46 |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 305 08 | 210 15 | 310 56 | 290 14 | 310 56 | ... | ... |
| Sargodha ... | 060 06 | 050 06 | 045 09 | 060 08 | 120 04 | 195 06 | 270 08 | 270 27 | 270 33 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | 280 15 | 205 18 | 215 17 | 220 09 | 265 15 | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | ..4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | 375 11 | 270 48 | 275 11 | 310 23 | 265 47 | 275 11 | 255 42 | 270 48 | 265 31 | 265 47 | 255 60 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

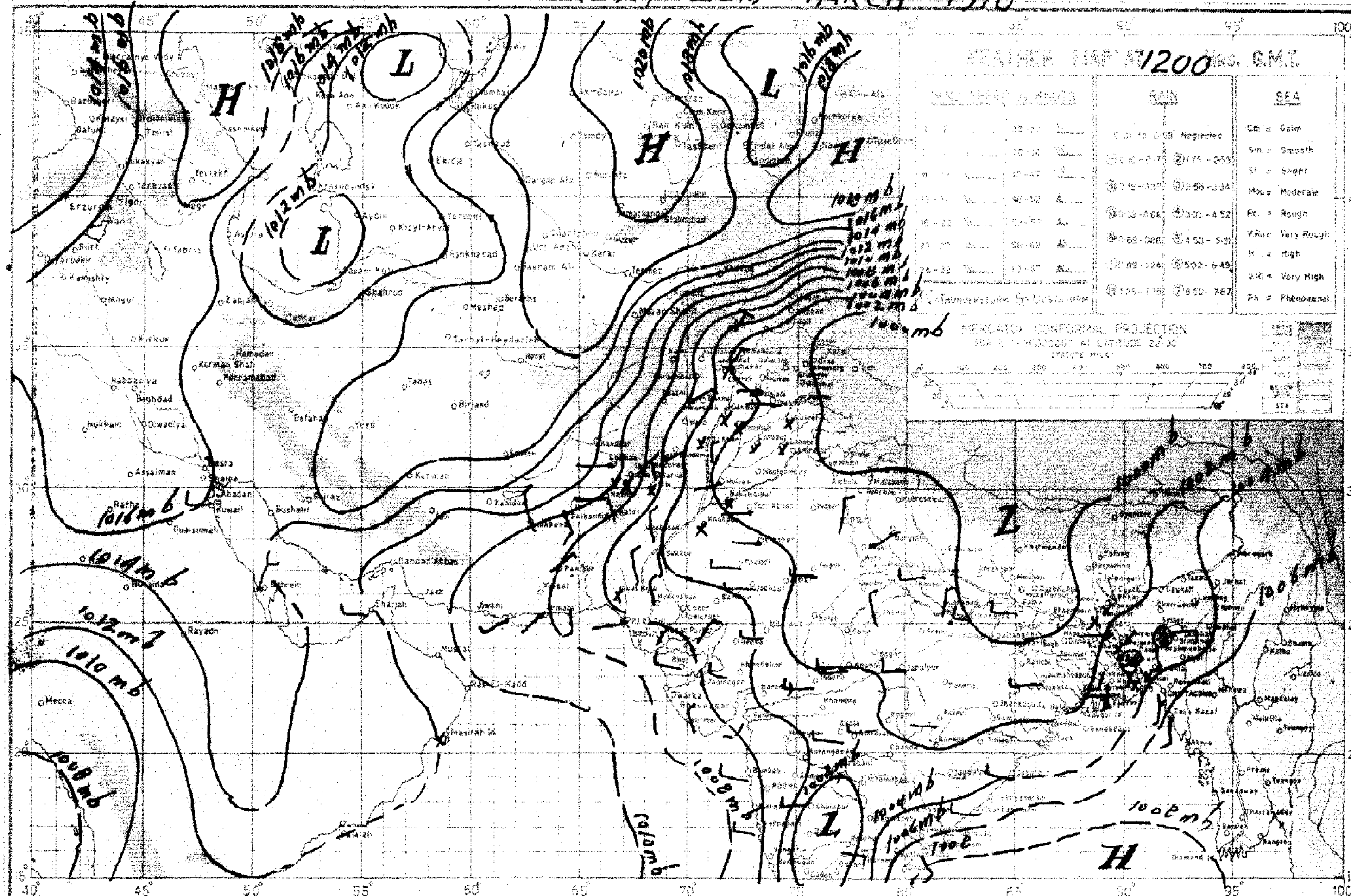
† The actual time of observations may vary within half an hour of the specified time.

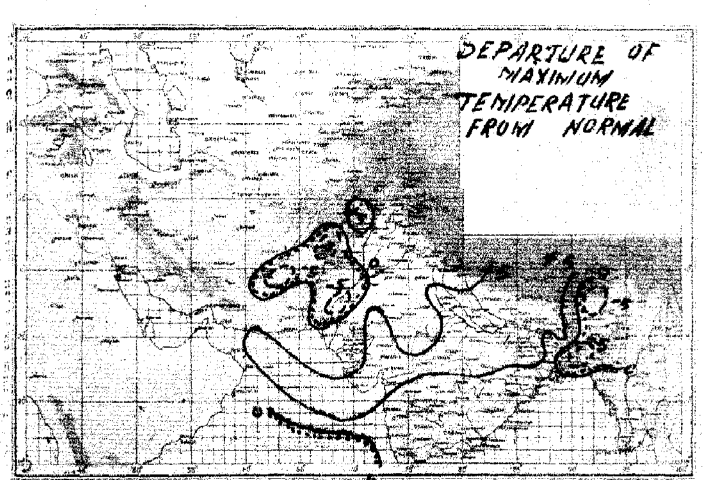
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted

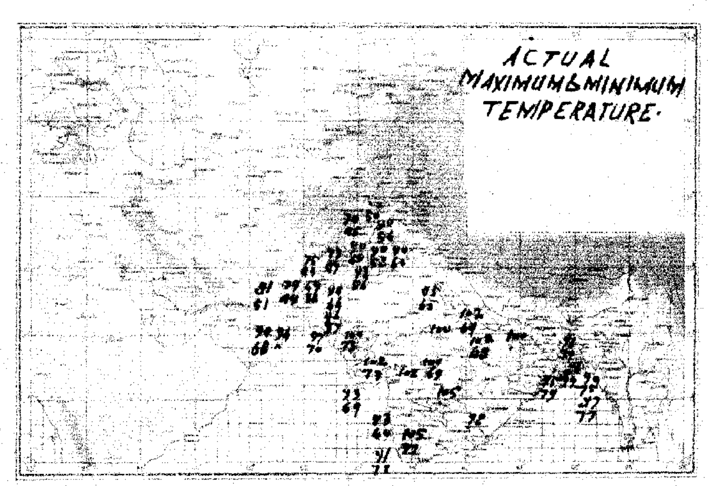
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI—11.

# PAKISTAN DAILY WEATHER MAP

SATURDAY 28th MARCH 1970



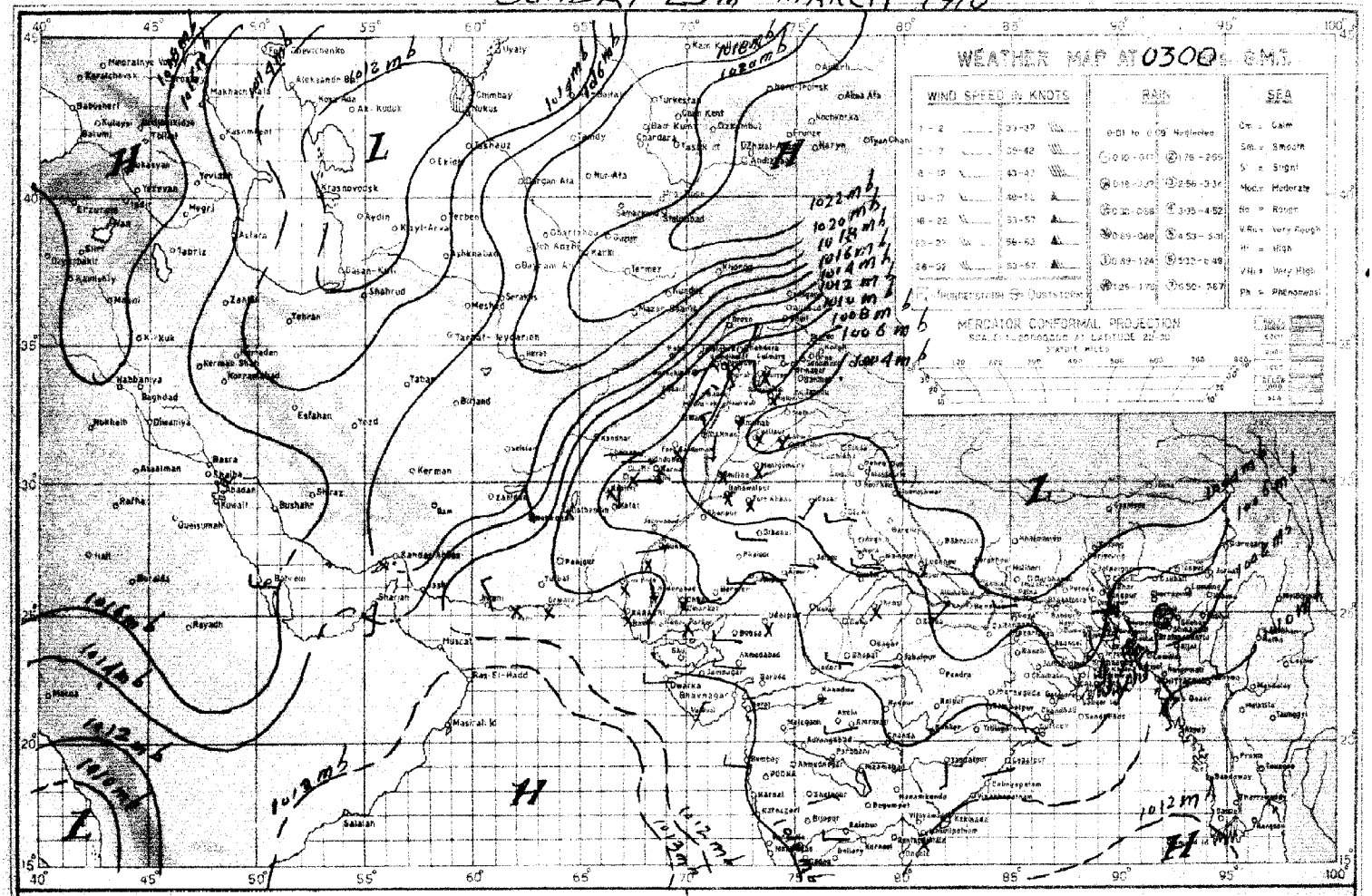



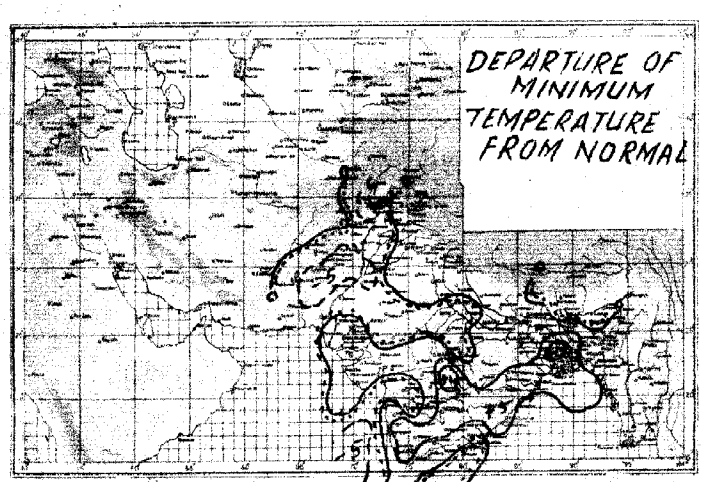



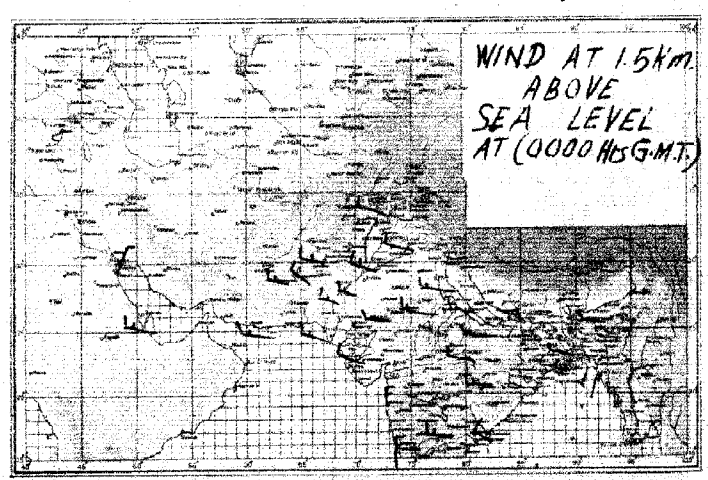

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SUNDAY 29th MARCH 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

MONDAY THE 30th MARCH, 1970.

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's westerly low pressure wave over the northern divisions of west Pakistan is moving across Indian Punjab and adjoining areas. A fresh westerly wave is moving across Kalat and Quetta divisions and adjoining Afghanistan. A few thunderstorms/light showers have occurred in Peshawar division.

The low pressure wave over Orissa and neighbourhood has become accentuated. Local rain/thundershowers have occurred in Chittagong and Dacca divisions.

Chief amounts of rainfall are Narayanganj (upto1200 G.M.T.) 1", Brahmanbaria (upto 1200 G.M.T.) Dacca and Comilla ½" each and Sylhet and Srimangal ¼" each.

Night temperatures were 9—12 °F (5—7 °C) above normal in Rajshahi division and 3—8 °F (2—4 °C) so elsewhere in East Pakistan and in Peshawar division and were 3—8 °F (2 4 °C) below normal in Sargodha, D. I. Khan and Khairpur divisions and 9—11 °F (5—6 °C) so in Multan, Bahawalpur and Quetta divisions.

**Forecast valid until the evening of 31st March 1970 :**—Local rain/thundershowers with squally winds are likely to occur in Dacca, Khulna and Chittagong divisions and scattered in Rajshahi division. A few thunderstorms/showers are also likely in Peshawar, Rawalpindi divisions and Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
The 30th March, 1970.

## OBSERVATIONS

QAZI SUBHAN AHMAD
for Director, Meteorological Service.

**At 12 Hrs. G.M.T. of Previous day**

| Divisions (1) | Stations (2) | | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature * TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | 000 | 0 | 3 | 17 | 19 | 96 | 04 | 1 | 065 | 85 | 3 | 3 | 6 | 0 | 0 | 72 | 94 |
| | Cox's Bazar | — | 000 | 0 | 5 | 18 | 16 | 93 | 03 | 2 | 076 | 82 | 5 | / | 5 | 0 | 0 | 73 | 87 |
| | Chittagong | — | 000 | 0 | 6 | 18 | 21 | 96 | 03 | 1 | 066 | 82 | 4 | 8 | 4 | 2 | 0 | 77 | 88 |
| | Maijdee Court | — | ... | — | ... | | | | ... | — | ... | ... | | ... | ... | | ... | | ... |
| | Comilla | — | 000 | 0 | 1 | 18 | 09 | 96 | 03 | 2 | 060 | 82 | 7 | 4 | 4 | / | / | 79 | 87 |
| | Brahmanbaria | — | 067 | 0 | 9 | // | // | 96 | 29 | 1 | 049 | 76 | 5 | 4 | 5 | 0 | 0 | 70 | 89 |
| | Sylhet | — | 005 | 2 | 7 | 23 | 05 | 96 | 11 | 6 | 031 | 83 | 5 | 3 | 9 | 0 | 0 | 73 | 93 |
| | Srimangal | — | 020 | 9 | 8 | 20 | 03 | 96 | 95 | / | 067 | 79 | 6 | 9 | 3 | 3 | 1 | 76 | 94 |
| Dacca | Mymensingh | — | 000 | 0 | 4 | 18 | 02 | 96 | 01 | 2 | 017 | 88 | 4 | 5 | 6 | 0 | 0 | 73 | 94 |
| | Narayanganj | — | 110 | 1 | 5 | 23 | 07 | 92 | 02 | 9 | 036 | 73 | 5 | 3 | 4 | / | / | 71 | 79 |
| | Dacca (Tejgaon) | — | 044 | 3 | 3 | 23 | 09 | 97 | 29 | 9 | 027 | 76 | 3 | 9 | 5 | 0 | 0 | 70 | 95 |
| | Faridpur | — | 000 | 0 | 2 | 16 | 09 | 97 | 01 | 1 | 006 | 93 | 2 | 5 | 6 | 0 | 0 | 72 | 96 |
| Khulna | Barisal | — | 000 | 0 | 5 | 18 | 16 | 97 | 02 | 2 | 040 | 84 | 6 | 5 | 6 | 7 | 7 | 79 | 93 |
| | Khulna | — | 000 | 0 | 0 | 18 | 03 | 97 | 00 | 0 | 037 | 84 | 0 | 0 | 9 | 0 | 0 | 77 | // |
| | Satkhira | — | 000 | 0 | 0 | 18 | 06 | 97 | 00 | 0 | 030 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 96 |
| | Jessore | — | 000 | 0 | 1 | 13 | 15 | 97 | 03 | 0 | 023 | 93 | 1 | 2 | 6 | 0 | 0 | 73 | 00 |
| Rajshahi | Pabna | — | 000 | 0 | 0 | 21 | 02 | 98 | 02 | 0 | 006 | 95 | 0 | 0 | 9 | 0 | 0 | 54 | 10 |
| | Sirajganj | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 013 | 98 | 0 | 0 | 9 | 0 | 0 | 52 | 00 |
| | Rajshahi | — | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 011 | 93 | 0 | 0 | 9 | 0 | 0 | 61 | 03 |
| | Bogra | — | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 005 | 95 | 0 | 0 | 9 | 0 | 0 | 49 | 04 |
| | Dinajpur | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rangpur | — | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 078 | 81 | 2 | 0 | 9 | 1 | 0 | 70 | 96 |
| Kashmir | Jammu | — | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | — | 000 | 0 | 3 | 31 | 03 | 96 | 02 | 1 | 013 | 84 | 2 | 1 | 7 | 2 | 0 | 42 | 90 |
| | Sialkot | — | 000 | 0 | 0 | 00 | 08 | 97 | 00 | 0 | 000 | 88 | 0 | 0 | 9 | 0 | 0 | 41 | 95 |
| Rawalpindi | Jhelum | — | 000 | 0 | 3 | 13 | 03 | 98 | 03 | 0 | 016 | 84 | 1 | 1 | 7 | 3 | 1 | 52 | 90 |
| | Islamabad | — | 000 | 0 | 1 | 27 | 03 | 99 | 08 | 0 | 024 | 79 | 1 | 1 | 8 | 0 | 0 | 42 | 81 |
| | Rawalpindi | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Campbellpur | — | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | — | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 93 |
| | Sargodha | — | 000 | 0 | 1 | 31 | 03 | 97 | 02 | 0 | 021 | 88 | 1 | 1 | 6 | 0 | 0 | 41 | 90 |
| | Lyallpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 022 | 84 | 0 | 0 | 9 | 0 | 0 | 73 | 88 |
| Multan | Sahiwal | — | | | | | | | | | | | | | | | | | |
| | Multan | — | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 031 | 89 | 0 | 0 | 9 | 0 | 0 | 56 | 93 |
| | Leiah | — | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 0 | 035 | 84 | 0 | 0 | 9 | 0 | 0 | 42 | 84 |
| Bahawalpur | Khanpur | — | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 032 | 90 | 0 | 0 | 9 | 0 | 0 | 73 | 93 |
| | Bahawalpur | — | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 045 | 93 | 0 | 0 | 9 | 0 | 0 | 84 | 93 |
| | Fort Abbas | — | 000 | 0 | 8 | 27 | 05 | 98 | 02 | 0 | 017 | 94 | 0 | 0 | 9 | 0 | 0 | 77 | 95 |
| Malakand | Chakdra | — | 000 | 0 | 0 | 05 | 07 | 97 | 03 | 0 | 037 | 69 | 7 | 7 | 6 | 0 | 0 | 38 | 79 |
| Peshawar | Peshawar | — | 000 | 0 | 2 | 31 | 05 | 97 | 02 | 0 | 046 | 79 | 1 | 2 | 6 | 3 | 0 | 55 | 80 |
| | Haripur | — | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 042 | 81 | 0 | 0 | 9 | 0 | 0 | 49 | 84 |
| D. I. Khan | Bannu | — | 000 | 0 | 0 | 09 | 02 | 99 | 01 | 0 | 035 | 81 | 0 | 0 | 9 | 0 | 1 | 53 | 84 |
| | D. I. Khan | — | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 136 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 88 |
| Quetta | Sibi | — | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 061 | 92 | 0 | 0 | 9 | 0 | 0 | 32 | 93 |
| | Nokkundi | — | 000 | 0 | 3 | 31 | 17 | 96 | 03 | 0 | 094 | 78 | 2 | 6 | 6 | 7 | 0 | 40 | 80 |
| Kalat | Turbat | — | 000 | 0 | 0 | 31 | 12 | 98 | 00 | 0 | 104 | 94 | 0 | 0 | 9 | 0 | 0 | 32 | 94 |
| | Jiwani | — | 000 | 0 | 0 | 23 | 09 | 96 | 02 | 0 | 087 | 83 | 0 | 0 | 9 | 0 | 0 | 59 | 91 |
| | Pasni | — | 000 | 0 | 0 | 25 | 12 | 97 | 02 | 0 | 085 | 88 | 0 | 0 | 0 | 0 | 0 | 77 | 94 |
| Karachi division | Ormara | — | 000 | 0 | 0 | 20 | 17 | 96 | 02 | 0 | 086 | 90 | 0 | 0 | 9 | 0 | 0 | 57 | 95 |
| | Lasbela | — | 000 | 0 | 0 | 31 | 04 | 98 | 00 | 0 | 056 | 99 | 0 | 0 | 8 | 0 | 0 | 75 | 59 |
| | Karachi (Manora) | — | 000 | 0 | 0 | 27 | 09 | 97 | 02 | 0 | 073 | 82 | 0 | 0 | 9 | 0 | 0 | 67 | 87 |
| | Karachi (Airport) | — | 000 | 0 | 0 | 31 | 14 | 96 | 02 | 0 | 068 | 93 | 0 | 0 | 9 | 0 | 0 | 32 | 97 |
| Hyderabad | Nagarparkar | — | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 119 | 97 | 0 | 0 | 0 | 0 | 0 | 40 | 04 |
| | Chhor | — | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 051 | 93 | 0 | 0 | 9 | 0 | 0 | 27 | 95 |
| | Hyderabad | — | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 054 | 97 | 0 | 0 | 9 | 0 | 0 | 41 | 99 |
| | Badin | — | 000 | 0 | 0 | 23 | 07 | 97 | 02 | 0 | 074 | 97 | 0 | 0 | 9 | 0 | 0 | 29 | 01 |
| Khairpur | Padidan | — | 000 | 0 | 0 | 27 | 05 | 96 | 01 | 0 | 050 | 93 | 0 | 0 | 9 | 0 | 0 | 41 | 94 |
| | Nawabshah | — | 000 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 061 | 95 | 0 | 0 | 9 | 0 | 0 | 69 | 96 |
| | Sukkur | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Kashmore | — | | | | | | | | | | | | | | | | | |
| | Jacobabad | — | 000 | 0 | 0 | 27 | 07 | 97 | 02 | 0 | 051 | 91 | 0 | 0 | 9 | 0 | 0 | 66 | 91 |
| Junagadh | Veraval | — | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | # ... | | | | | | | | | | | | | | | | | |
| | Gulmarg | ## ... | | | | | | | | | | | | | | | | | |
| | Sonamarg | ## ... | | | | | | | | | | | | | | | | | |
| | Dras | ## ... | | | | | | | | | | | | | | | | | |
| | Leh | ## ... | | | | | | | | | | | | | | | | | |
| | Skardu | # ... | | | | | | | | | | | | | | | | | |
| | Misgar | ## ... | | | | | | | | | | | | | | | | | |
| | Aliabad | # ... | | | | | | | | | | | | | | | | | |
| | Gilgit | # ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | # ... | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | # ... | 000 | 0 | 0 | 27 | 02 | 98 | 01 | 1 | 455 | 65 | 2 | 1 | 7 | 0 | 0 | 34 | 70 |
| Peshawar | Cherat | # ... | 000 | 0 | 0 | 11 | 05 | // | // | 1 | 455 | 67 | 0 | 0 | 9 | 0 | 0 | 77 | 69 |
| | Kakul | # ... | 004 | 4 | 4 | 34 | 02 | 98 | 01 | 9 | 448 | 65 | 3 | 3 | 6 | 3 | 0 | 49 | 68 |
| | Landikotal | # ... | 000 | 0 | 6 | 31 | 05 | 98 | 01 | 0 | 441 | 68 | 6 | 8 | 9 | 2 | 0 | 41 | 70 |
| | Parachinar | # ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Miranshah | # ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 456 | 81 | 0 | 0 | 9 | 0 | 0 | 40 | 82 |
| | Wana | # ... | 000 | 0 | 0 | 13 | 04 | 98 | 00 | 0 | 446 | 65 | 0 | 0 | 9 | 0 | 0 | 59 | 69 |
| Quetta | Fort Sandeman | # ... | 000 | 0 | 0 | 31 | 07 | 94 | 02 | 0 | 445 | 71 | 0 | 0 | 9 | 0 | 0 | 93 | 71 |
| | Hindubagh | # ... | 000 | 0 | 0 | 27 | 05 | 95 | 05 | 0 | /// | 48 | 0 | 0 | 9 | 0 | 0 | 40 | 49 |
| | Loralai | # ... | 000 | 0 | 0 | 18 | 04 | 97 | 00 | 0 | 480 | 65 | 0 | 0 | 9 | 0 | 0 | 45 | 68 |
| | Barkhan | # ... | | | | | | | | | | | | | | | | | |
| | Harnai | # ... | 000 | 0 | 0 | 31 | 09 | 96 | 02 | 0 | 539 | 79 | 0 | 0 | 9 | 0 | 0 | 22 | 80 |
| | Samungli (Quetta) | # ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chaman | # ... | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 483 | 70 | 0 | 0 | 9 | 0 | 0 | 53 | 77 |
| | Nushki | # ... | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 542 | 73 | 0 | 0 | 9 | 0 | 0 | 35 | 76 |
| | Dalbandin | # ... | 000 | 0 | 0 | 05 | 02 | 98 | 02 | 0 | 502 | 78 | 0 | 0 | 9 | 0 | 0 | 40 | 79 |
| Kalat | Kalat | # ... | 000 | 0 | 0 | 31 | 06 | 98 | 00 | 2 | 467 | 56 | 0 | 0 | 9 | 0 | 0 | 27 | 58 |
| | Khuzdar | # ... | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 467 | 71 | 0 | 0 | 9 | 0 | 0 | 41 | 74 |
| | Panjgur | # — | | | | | | | | | | | | | | | | | |

**At 0300 Hrs. G.M.T. of date**

| Divisions | Stations | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amounts of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 4 | 18 | 13 | 97 | 04 | 1 | 127 | 84 | 4 | 4 | 6 | 0 | 0 | 73 | 75 |
| | Cox's Bazar | 000 | 0 | 4 | 18 | 02 | 97 | 03 | 1 | 120 | 82 | 3 | 4 | 4 | 3 | 0 | 34 | 75 |
| | Chittagong | 000 | 0 | 7 | 13 | 17 | 96 | 03 | 2 | 116 | 84 | 5 | 4 | 4 | 3 | 0 | 77 | 73 |
| | Maijdee Court | 000 | 0 | 0 | 18 | 01 | 97 | 03 | 0 | 101 | 82 | 3 | 2 | 5 | 2 | 0 | 73 | 79 |
| | Comilla | 000 | 0 | 4 | 12 | 09 | 96 | 02 | 0 | 092 | 84 | 0 | 0 | 9 | 3 | 0 | 73 | 73 |
| | Brahmanbaria | 068 | 0 | 6 | 18 | 09 | 97 | 03 | 1 | 082 | 82 | 6 | 5 | 5 | 0 | 0 | 75 | 69 |
| | Sylhet | 035 | 7 | 7 | 06 | 03 | 96 | 02 | 1 | 093 | // | 6 | 7 | 4 | 0 | 0 | 73 | // |
| | Srimangal | 025 | 9 | 6 | 36 | 03 | 96 | 03 | 9 | 092 | 82 | 3 | 9 | 4 | 5 | 2 | 73 | 73 |
| Dacca | Mymensingh | 000 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 085 | 84 | 6 | 5 | 4 | 0 | 0 | 75 | 75 |
| | Narayanganj | 005 | 0 | 8 | 23 | 03 | 97 | 02 | 1 | 084 | 82 | 8 | 6 | 4 | 0 | 0 | 70 | 73 |
| | Dacca (Tejgaon) | 044 | 0 | 7 | 23 | 09 | 97 | 02 | 2 | 082 | 81 | 7 | 5 | 4 | 0 | 0 | 75 | // |
| | Faridpur | 000 | 0 | 2 | 16 | 10 | 97 | 01 | 1 | 071 | 67 | 2 | 2 | 6 | 0 | 0 | 73 | 75 |
| Khulna | Barisal | 000 | 0 | 4 | 18 | 13 | 96 | 03 | 1 | 088 | 84 | 4 | 4 | 0 | 0 | 0 | 75 | 79 |
| | Khulna | 060 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 079 | 87 | 0 | 0 | 9 | 0 | 0 | 75 | 78 |
| | Satkhira | 000 | 0 | 0 | 18 | 06 | 97 | 00 | 0 | 077 | 87 | 0 | 0 | 0 | 0 | 0 | 71 | // |
| | Jessore | 000 | 0 | 0 | 18 | 13 | 97 | 01 | 0 | 070 | 84 | 0 | 0 | 9 | 0 | 0 | 73 | 79 |
| Rajshahi | Pabna | 000 | 0 | 0 | 13 | 05 | 98 | 02 | 0 | 068 | 86 | 0 | 0 | 9 | 0 | 0 | 75 | 77 |
| | Sirajganj | 000 | 0 | 8 | 18 | 05 | 97 | 02 | 2 | 077 | 82 | 8 | 0 | 7 | 1 | 0 | 79 | 75 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bogra | 000 | 0 | 8 | 13 | 05 | 96 | 02 | 2 | 071 | 82 | 6 | 5 | 4 | 3 | 1 | 56 | 79 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | /// | 87 | 0 | 0 | 9 | 0 | 0 | 73 | 73 |
| | Rangpur | 000 | 0 | 6 | 13 | 05 | 96 | 03 | 0 | 145 | 77 | 6 | 0 | 9 | 2 | 0 | 69 | 60 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 078 | 64 | 0 | 0 | 9 | 0 | 0 | 47 | 58 |
| | Sialkot | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 086 | 64 | 0 | 0 | 9 | 0 | 0 | 42 | 56 |
| | Islamabad | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | /// | 64 | 1 | 1 | 8 | 0 | 0 | 33 | 56 |
| | Rawalpindi | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 098 | 59 | 0 | 0 | 9 | 0 | 0 | 45 | 56 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 088 | 56 | 0 | 0 | 9 | 0 | 0 | 49 | 54 |
| | Sargodha | 000 | 0 | 0 | 27 | 03 | 96 | 04 | 0 | 086 | 64 | 0 | 0 | 9 | 0 | 0 | 45 | 51 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 087 | // | 0 | 0 | 9 | 0 | 0 | 47 | 51 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 089 | 62 | 0 | 0 | 9 | 0 | 0 | 38 | 51 |
| | Leiah | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 057 | // | 0 | 0 | 9 | 0 | 0 | 56 | 59 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 36 | 02 | 96 | 02 | 0 | 087 | 64 | 0 | 0 | 9 | 0 | 0 | 38 | 49 |
| | Bahawalpur | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | /// | 79 | 0 | 0 | 9 | 0 | 0 | 77 | 56 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 053 | 68 | 0 | 0 | 9 | 0 | 0 | 49 | 58 |
| Malakand | Chakdra | 000 | 0 | 0 | 16 | 02 | 98 | 00 | 0 | 108 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 45 |
| Peshawar | Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Haripur | 000 | 0 | 0 | 36 | 02 | 95 | 00 | 0 | 096 | 62 | 0 | 0 | 9 | 0 | 0 | 40 | 58 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 23 | 02 | 99 | 00 | 0 | /// | 65 | 0 | 0 | 9 | 0 | 0 | 43 | 62 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 092 | 65 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| Quetta | Sibi | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 110 | 66 | 0 | 0 | 9 | 0 | 0 | 56 | 62 |
| | Nokkundi | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 152 | 55 | 0 | 0 | 9 | 0 | 0 | 45 | 46 |
| Kalat | Turbat | 000 | 0 | 0 | 09 | 02 | 98 | 00 | 0 | 135 | 78 | 0 | 0 | 9 | 0 | 0 | 27 | 69 |
| | Jiwani | 000 | 0 | 2 | 23 | 03 | 96 | 01 | 0 | 104 | 72 | 2 | 0 | 9 | 0 | 0 | 66 | 68 |
| | Pasni | 000 | 0 | 4 | 29 | 06 | 97 | 02 | 0 | 078 | 74 | 4 | 0 | 9 | 0 | 0 | 59 | // |
| Karachi division | Ormara | 000 | 0 | 1 | 00 | 00 | 96 | 02 | 2 | 104 | 74 | 1 | 0 | 9 | 0 | 0 | 63 | // |
| | Lasbela | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 100 | 70 | 0 | 0 | 8 | 0 | 0 | 58 | 58 |
| | Karachi (Manora) | 000 | 0 | 2 | 29 | 05 | 96 | 03 | 0 | 092 | 75 | 2 | 0 | 9 | 0 | 0 | 67 | 72 |
| | Karachi (Airport) | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 0 | 098 | 70 | 1 | 0 | 9 | 3 | 0 | 65 | 68 |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chhor | 000 | 0 | 0 | 13 | 02 | 96 | 03 | 0 | 088 | 68 | 0 | 0 | 9 | 0 | 1 | 51 | 57 |
| | Hyderabad | 000 | 0 | 3 | 34 | 02 | 97 | 03 | 0 | 097 | 73 | 0 | 0 | 9 | 0 | 1 | 42 | 70 |
| | Badin | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 088 | 69 | 0 | 0 | 9 | 0 | 0 | 61 | 67 |
| Khairpur | Padidan | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 143 | 59 | 0 | 0 | 9 | 0 | 5 | 46 | 53 |
| | Nawabshah | 000 | 0 | 1 | 13 | 03 | 96 | 03 | 0 | 103 | 63 | 0 | 0 | 9 | 0 | 1 | 52 | 56 |
| | Sukkur | 000 | 0 | 0 | 23 | 05 | 95 | 05 | 4 | 098 | 71 | 0 | 0 | 9 | 0 | 0 | 41 | 59 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 086 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | 61 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | |
| | Gulmarg | | | | | | | | | | | | | | | | | |
| | Sonamarg | | | | | | | | | | | | | | | | | |
| | Dras | | | | | | | | | | | | | | | | | |
| | Leh | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Misgar | | | | | | | | | | | | | | | | | |
| | Aliabad | | | | | | | | | | | | | | | | | |
| | Gilgit | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree | | | | | | | | | | | | | | | | | |
| Malakand | Drosh | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 501 | 49 | 0 | 0 | 9 | 0 | 0 | 52 | 49 |
| Peshawar | Cherat | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 446 | 58 | 0 | 0 | 9 | 0 | 0 | 56 | 54 |
| | Kakul | 004 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 467 | 56 | 0 | 0 | 9 | 0 | 0 | 40 | 47 |
| | Landikotal | 000 | 0 | 0 | 36 | 02 | 99 | 02 | 0 | 435 | 59 | 0 | 0 | 9 | 0 | 0 | 45 | 49 |
| | Parachinar | 000 | 0 | 0 | 00 | 00 | 58 | 00 | 0 | 484 | 51 | 0 | 0 | 9 | 0 | C | 60 | 41 |
| D. I. Khan | Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 454 | 65 | 0 | 0 | 9 | 0 | 0 | 43 | 62 |
| | Wana | 008 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 480 | 56 | 0 | 0 | 9 | 0 | 0 | 35 | 43 |
| Quetta | Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 483 | 55 | 0 | 0 | 9 | 0 | 0 | // | 41 |
| | Hindubagh | 000 | 0 | 0 | 27 | 05 | 98 | 02 | 0 | /// | 30 | 0 | 0 | 9 | 0 | 0 | 19 | 21 |
| | Loralai | 000 | 0 | 0 | 18 | 04 | 98 | 00 | 0 | 475 | 55 | 0 | 0 | 9 | 0 | 0 | 29 | // |
| | Barkhan | | | | | | | | | | | | | | | | | |
| | Harnai | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 453 | 60 | 0 | 0 | 9 | 0 | 0 | 27 | 53 |
| | Samungli (Quetta) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 510 | 40 | 0 | 0 | 9 | 0 | 0 | 31 | 29 |
| | Chaman | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 513 | 54 | 0 | 0 | 9 | 0 | 0 | 38 | 50 |
| | Nushki | 000 | 0 | 0 | 07 | 03 | 97 | 01 | 0 | 549 | 60 | 0 | 0 | 9 | 0 | 0 | 23 | 54 |
| | Dalbandin | 000 | 0 | 0 | 03 | 02 | 98 | 02 | 0 | 493 | 52 | 0 | 0 | 9 | 0 | 0 | 34 | 43 |
| Kalat | Kalat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khuzdar | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 477 | 61 | 0 | 0 | 9 | 0 | 0 | 20 | 51 |
| | Panjgur | | | | | | | | | | | | | | | | | |

**Departure from Normal of / Rainfall**

| Divisions | Stations | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum Temperature TnTn (38) | Rainfall Since 1st November, 1969 to-date (39) | Departure from normal (40) | Since 1st January, 1970 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | 6.3 | — | 4.7 | |
| | Cox's Bazar | 0 | + 4 | 1.0 | — 5.3 | 0.3 | 140 |
| | Chittagong | + 1 | + 2 | 1.5 | — 5.0 | 0.7 | 108 |
| | Maijdee Court | — | + 6 | 3.8 | — 1.5 | 3.4 | 115 |
| | Comilla | — 4 | + 2 | 2.4 | — 3.6 | 2.0 | 94 |
| | Brahmanbaria | — | — | 4.9 | — 0.7 | 2.8 | 78 |
| | Sylhet | — | | — | — | — | — |
| | Srimangal | + 3 | + 8 | | | | 98 |
| Dacca | Mymensingh | + 3 | + 6 | 3.5 | — 1.4 | 2.2 | 91 |
| | Narayanganj | + 3 | + 1 | 3.5 | — 1.4 | 2.2 | 74 |
| | Dacca (Tejgaon) | — | | 3.3 | — | 2.5 | — |
| | Faridpur | + 5 | + 4 | — | — | — | 71 |
| Khulna | Barisal | + 3 | + 6 | 2.2 | — 2.9 | 1.3 | 81 |
| | Khulna | | + 7 | — | | — | 68 |
| | Satkhira | + 1 | | 3.9 | — 1.3 | 3.7 | 63 |
| | Jessore | — | — | 4.8 | — 0.2 | 3.7 | 65 |
| Rajshahi | Pabna | — | — | 4.0 | — | 3.0 | 59 |
| | Sirajganj | + 6 | + 7 | 2.4 | — 0.7 | 2.0 | 64 |
| | Rajshahi | + 9 | | | | | — |
| | Bogra | + 9 | + 12 | — | — | — | 69 |
| | Dinajpur | // | + 10 | — | — | — | 72 |
| | Rangpur | — | — 4 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | + 2 | + 1 | 2.0 | — 1.3 | 2.0 | 19 |
| | Sialkot | + 8 | | | | | 32 |
| Rawalpindi | Jhelum | — | — | 3.5 | — | 5.4 | — |
| | Islamabad | — | — | 6.9 | — | 6.8 | — |
| | Rawalpindi | / | + 1 | 8.7 | — 0.4 | 8.5 | 36 |
| | Campbellpur | | | | | | — |
| Sargodha | Khushab | — 8 | — 7 | 1.8 | — 1.3 | 1.8 | 15 |
| | Sargodha | — | — | 1.9 | — | 1.7 | — |
| | Lyallpur | — 1 | — 8 | 1.5 | — 0.3 | 1.2 | 13 |
| Multan | Sahiwal | | | | | | 18 |
| | Multan | + 4 | — 11 | 0.8 | — 0.6 | 0.8 | 7 |
| | Leiah | — | — | 0.0 | — | 0.0 | 8 |
| Bahawalpur | Khanpur | 0 | — 10 | — | — | — | 6 |
| | Bahawalpur | + 2 | — 4 | — | — | — | 6 |
| | Fort Abbas | — | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdra | — | — | 7.3 | — | 6.3 | — |
| Peshawar | Peshawar | + 5 | | | | | 11 |
| | Haripur | — | — | 8.3 | — | 7.4 | — |
| D. I. Khan | Bannu | — | — | 2.1 | — | 1.6 | 11 |
| | D. I. Khan | + 2 | — 6 | 7.7 | + 5.3 | 7.7 | 9 |
| Quetta | Sibi | + 7 | — | 0.9 | — | 0.9 | 5 |
| | Nokkundi | — | — | 2.5 | — | 2.5 | 2 |
| Kalat | Turbat | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | — | — | 9.2 | — | 8.3 | 8 |
| | Pasni | + 5 | — | 2.5 | — 2.3 | 2.5 | 6 |
| Karachi division | Ormara | + 2 | — | 2.9 | — 1.5 | 2.9 | 6 |
| | Lasbela | — | | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | + 2 | 0 | 1.1 | — 0.4 | 1.1 | 8 |
| | Karachi (Airport) | — | — | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | — | | | | | — |
| | Chhor | — | — | 2.5 | — | 2.5 | 7 |
| | Hyderabad | + 2 | + 2 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | + 4 | + 1 | 0.1 | — 0.9 | 0.1 | — |
| Khairpur | Padidan | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | 4 |
| | Jacobabad | — 4 | — 4 | 2.2 | + 1.2 | 2.1 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | **HILL STATIONS** | | | | | | |
| Kashmir | Srinagar | | | | | | — |
| | Gulmarg | | | | | | 71 |
| | Sonamarg | | | | | | 26 |
| | Dras | | | | | | 3 |
| | Leh | | | | | | 6 |
| | Skardu | | | | | | — |
| | Misgar | | | | | | — |
| | Aliabad | | | | | | 3 |
| | Gilgit | | | | | | 39 |
| Rawalpindi | Murree | | | | | | 18 |
| Malakand | Drosh | + 7 | — | — | — | — | 29 |
| Peshawar | Cherat | + 4 | + 3 | 6.1 | — 5.6 | 5.5 | — |
| | Kakul | — | — | 15.2 | — | 14.2 | — |
| | Landikotal | — | — | 4.3 | — | 3.6 | 29 |
| | Parachinar | — | — 1 | — | — | — | 12 |
| D. I. Khan | Miranshah | — | — | 0.1 | — 6.6 | 0.1 | 11 |
| | Wana | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman | — 7 | — 11 | 2.8 | — 1.0 | 2.8 | — |
| | Hindubagh | — | — | 1.8 | — | 1.6 | 9 |
| | Loralai | — | — | 2.2 | — | 2.1 | — |
| | Barkhan | | | | | | 14 |
| | Harnai | — | — | 3.8 | — 0.8 | 3.8 | 9 |
| | Samungli (Quetta) | + 5 | — | 3.6 | — 3.3 | 2.9 | 9 |
| | Chaman | — | — 1 | 7.7 | + 1.3 | 7.7 | — |
| | Nushki | — | — | 3.6 | — | 3.5 | 4 |
| | Dalbandin | — 6 | — 8 | 3.3 | + 0.3 | 3.3 | 7 |
| Kalat | Kalat | — 8 | | | | | — |
| | Khuzdar | — | — | 2.9 | — | 2.6 | 5 |
| | Panjgur | | | | | | — |

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day;
When over 000 is given RRR see the summary above for the actual amount of rainfall

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 30th MARCH, 1970.

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Hines ... ... | 99 2 26 | 10 5 99 | 29 0 03 | 20 6 05 | 98 0 20 | 10 3 76 | 00 0 00 | 33 5 05 | | | 05 0 55 | 17 7 08 | 30 1 00 | 17 3 01 |
| Ampensa ... ... | 99 2 17 | 10 6 82 | 29 0 63 | 02 9 10 | 98 0 20 | 10 6 77 | 00 9 00 | 73 4 08 | | | 0/ / 28 | 12 6 38 | 30 2 03 | 30 6 03 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ $D_oD_o$) | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | MISDA | ... | | | | | | | | ... | ... | ... | ... |
| Dacca ... | 00 00 | 004 260 21 | ... | 420 210 50 | 095 084 58 | 576 143 59 | 743 225 58 | 949 339 58 | 223 531 // | 404 659 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 005 230 55 | ... | 400 130 52 | 069 110 26 | 573 115 // | 741 195 // | 951 291 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 993 110 58 | ... | 400 120 63 | 042 025 // | | | | | | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 966 128 57 | ... | 490 120 59 | 072 024 58 | 565 145 // | 731 245 // | 935 373 // | 207 465 // | 396 495 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | 819 007 045 | ... | | 074 032 // | 570 171 // | 734 279 // | 935 365 // | 212 419 // | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 991 130 56 | ... | 400 110 56 | 982 005 50 | 560 131 // | 728 215 // | 935 315 // | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed $P_mP_mP_m$ $d_md_m$ $f_mf_mf_m$ | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | MISDA | | | | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 900 194 38 | 800 170 57 | 600 031 56 | 350 275 15 | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 116 // | 600 063 // | 350 359 // | 250 603 95 | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 195 27 | 195 26 | 195 24 | 255 24 | 265 17 | ... | ... | ... | ... |
| Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala | ... | 380 17 | 325 15 | 330 09 | 295 07 | 235 05 | 170 09 | 150 08 | 225 08 |
| Chhor | 285 17 | 295 25 | 290 30 | 290 33 | 300 21 | 280 56 | 300 43 | ... | 310 49 |
| Chittagong | 170 17 | 180 24 | 190 23 | 215 12 | 265 51 | 300 11 | | ... | ... |
| Cherat | | | | | | | | ... | ... |
| Cox's Bazar | 185 30 | 188 26 | 180 24 | 190 20 | 225 30 | 240 02 | 250 23 | ... | ... |
| Dacca | ... | ... | | ... | ... | ... | ... | | ... |
| Dalbandin | ... | ... | 806 02 | 315 01 | 325 04 | 380 17 | 285 29 | 275 37 | 280 41 |
| D. I. Khan | 065 06 | 055 10 | 055 20 | 055 12 | 115 08 | 015 11 | 300 20 | 310 03 | 315 40 |
| Drosh | ... | ... | ... | 355 01 | 050 04 | 360 08 | 010 01 | 010 11 | ... |
| Fort Sandeman | ... | ... | ... | 360 11 | 325 08 | 330 11 | 315 28 | 315 28 | 325 36 |
| Gilgit | ... | ... | ... | 030 01 | 005 06 | 360 05 | 345 06 | 355 08 | 010 07 |
| Ishurdi | 255 07 | 265 07 | 284 07 | 275 12 | 275 17 | 270 41 | ... | ... | ... |
| Jacobabad | 305 07 | 310 08 | 310 01 | 300 15 | 295 22 | 301 32 | 290 55 | ... | ... |
| Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum | 285 11 | 275 15 | 280 09 | 283 10 | 280 06 | 255 07 | 155 16 | 155 15 | 155 15 |
| Jiwani | 195 11 | 180 07 | 170 04 | 025 06 | 025 09 | 300 17 | 285 10 | 275 44 | 270 52 |
| Karachi | 270 10 | 270 13 | 270 18 | 285 29 | 290 19 | 285 19 | 290 38 | 275 46 | 275 40 |
| Khanpur | 300 08 | 300 08 | 305 10 | 325 12 | 325 09 | 290 16 | 280 22 | 280 39 | 275 51 |
| Khuzdar | ... | ... | | 330 10 | 325 14 | 320 16 | 295 43 | | ... |
| Lahore | 320 15 | 320 13 | 320 15 | 315 07 | 300 07 | 240 05 | 120 06 | 140 07 | 150 13 |
| Multan | 250 04 | 320 08 | 295 05 | 310 05 | 310 09 | 320 17 | 310 25 | 300 37 | 300 45 |
| Nawab Shah | 290 14 | 290 10 | 295 13 | 285 57 | 260 21 | /// // | 295 47 | ... | ... |
| Nokkundi | ... | ... | 335 21 | 335 14 | 345 14 | 015 06 | ... | ... | ... |
| Panjgur | ... | | | | | | | | |
| Peshawar | ... | 300 12 | 300 14 | 305 11 | 320 11 | 015 04 | 310 01 | 330 11 | 360 08 |
| Parachinar | ... | ... | ... | 325 03 | 005 10 | 350 41 | 355 18 | 325 39 | 255 03 |
| Quetta | ... | ... | ... | ... | 320 06 | 305 07 | 280 17 | 275 17 | 385 24 |
| Sargodha | 345 03 | 340 01 | 320 03 | 340 03 | 270 03 | 250 07 | 275 07 | 295 23 | 285 29 |
| Skardu | ... | ... | ... | ... | ... | 305 02 | 250 02 | ... | ... |
| Sylhet | 195 26 | 200 33 | ... | ... | ... | ... | ... | ... | ... |
| Yerawal | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (dd ff)

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 195 29 | 200 34 | 235 37 | 200 29 | 265 24 | ... |
| Bogra | 180 11 | ... | ... | ... | ... | ... |
| Chaklala | ... | 060 02 | 090 07 | 105 04 | 150 05 | 205 09 |
| Chhor | 055 06 | 055 09 | 350 09 | 315 18 | 290 28 | 170 26 |
| Chittagong | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 170 16 | 170 19 | 190 20 | 200 20 | ... | ... |
| Dacca | 160 13 | 195 23 | 225 26 | | 230 17 | ... |
| Dalbandin | | | 065 07 | 050 10 | 020 09 | 065 04 |
| D. I. Khan | 315 15 | 325 06 | 340 07 | 035 19 | 055 12 | 085 07 |
| Drosh | ... | ... | ... | 040 01 | 165 01 | 095 03 |
| Fort Sandeman | ... | | ... | 250 06 | 305 08 | 340 21 |
| Gilgit | No | Ascent | | | | ... |
| Ishurdi | 200 27 | 225 13 | 345 06 | 280 19 | 265 28 | ... |
| Jacobabad | 325 19 | 330 19 | 335 24 | 335 16 | 350 14 | 360 12 |
| Jessore | 205 01 | 210 29 | 235 29 | 300 13 | 300 21 | 275 19 |
| Jhelum | 101 23 | 235 12 | 065 07 | 090 19 | ... | 110 35 |
| Jiwani | 325 10 | 300 14 | 305 15 | 290 10 | 285 10 | 250 17 |
| Karachi | | | | | | |
| Khanpur | 250 12 | 270 02 | 288 15 | 300 15 | 310 13 | 295 17 |
| Khuzdar | | | | 320 05 | 320 15 | 315 22 |
| Lahore | 325 09 | 335 14 | 330 15 | 320 15 | 310 12 | 275 13 |
| Multan | 080 06 | 075 36 | 350 05 | 330 25 | 350 10 | 340 12 |
| Nawab Shah | 015 11 | 010 13 | 020 16 | 015 00 | 315 11 | 215 05 |
| Nokkundi | ... | ... | 330 14 | 340 05 | 335 09 | 360 12 |
| Panjgur | ... | ... | | | | |
| Peshawar | ... | 015 06 | 320 06 | 320 10 | 005 12 | 020 08 |
| Parachinar | ... | ... | ... | 295 03 | 260 14 | ... |
| Quetta | ... | | | | | |
| Sargodha | 035 09 | 010 16 | 360 13 | 355 15 | 350 15 | 350 33 |
| Skardu | ... | | ... | ... | ... | 275 03 |
| Sylhet | 195 24 | 195 29 | ... | ... | ... | ... |
| Yerawal | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (dd ff).

| Heights in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 200 24 | 200 24 | 205 20 | 240 27 | 225 33 | ... | ... | ... | ... | ... | ... |
| Bogra | 160 08 | 175 08 | 175 09 | 250 18 | 265 20 | 260 32 | ... | ... | ... | ... | ... |
| Chaklala | ... | 350 02 | 270 03 | 245 05 | 225 04 | 215 06 | 180 08 | 185 08 | 205 10 | 210 01 | ... |
| Chhor | 060 09 | 045 19 | 130 13 | 095 12 | 340 14 | 305 16 | 016 08 | /// // | 360 19 | ... | ... |
| Chittagong | 165 29 | 175 17 | 175 21 | 195 16 | 245 12 | ... | ... | ... | ... | ... | ... |
| Cherat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | ... | ... | ... | | | ... | ... | | | | |
| Dalbandin | ... | ... | 075 06 | 060 09 | 050 07 | 025 08 | 040 07 | 320 12 | 285 18 | 290 27 | 275 50 |
| D. I. Khan | 340 03 | 235 03 | 245 03 | 260 56 | 265 01 | 320 05 | 355 01 | 345 10 | 325 08 | 305 19 | 310 20 |
| Drosh | ... | ... | ... | | | | | | | | |
| Fort Sandeman | ... | ... | ... | 270 01 | 305 02 | 340 17 | 340 24 | 320 22 | 315 23 | 305 30 | 290 39 |
| Gilgit | ... | ... | ... | ... | | | ... | ... | ... | ... | ... |
| Ishurdi | 210 15 | 200 19 | 200 17 | 230 06 | 245 24 | 270 31 | | | | ... | ... |
| Jacobabad | 350 10 | 005 12 | 005 07 | 040 10 | 010 07 | 335 11 | 275 21 | 245 49 | 235 38 | ... | |
| Jessore | 220 15 | 235 17 | 235 19 | 240 20 | 250 20 | 240 26 | 270 33 | 280 40 | | | |
| Jhelum | 305 04 | 340 09 | 285 05 | 240 01 | 025 03 | 085 11 | 335 13 | 330 25 | 315 30 | 310 56 | 280 46 |
| Jiwani | 315 03 | 040 05 | 095 07 | 050 05 | 315 02 | 270 04 | 270 21 | 270 21 | 270 22 | ... | ... |
| Karachi | 335 06 | 355 11 | 355 14 | 340 17 | 305 23 | 300 19 | 280 24 | 270 40 | 270 27 | ... | ... |
| Khanpur | 045 10 | 010 10 | 070 12 | 060 15 | 056 12 | 015 10 | 350 06 | 295 14 | 300 13 | 320 15 | 280 65 |
| Khuzdar | ... | ... | | 345 04 | 030 04 | 340 10 | 305 13 | 290 20 | 290 30 | 265 34 | 250 52 |
| Lahore | 340 04 | 340 09 | 335 10 | 335 13 | 330 13 | 235 13 | 315 18 | 315 05 | 090 04 | 335 21 | 310 23 |
| Multan | 045 04 | 065 02 | 355 01 | 310 03 | 040 03 | 345 10 | 100 21 | 300 16 | 285 26 | 270 36 | 270 49 |
| Nawab Shah | 015 06 | 030 09 | 045 06 | 360 01 | 310 09 | 280 24 | 280 48 | 265 62 | 250 61 | 265 63 | ... |
| Nokkundi | ... | ... | 250 02 | 365 03 | 035 10 | 350 06 | 325 18 | 280 12 | 290 20 | | ... |
| Panjgur | ... | ... | | 350 07 | 350 25 | 335 21 | 280 21 | 275 23 | 280 25 | ... | ... |
| Peshawar | ... | 020 05 | 355 07 | 300 14 | 315 10 | 255 02 | 025 10 | 360 15 | 245 17 | 305 25 | 300 41 |
| Parachinar | ... | ... | ... | ... | | | | | | | ... |
| Quetta | ... | | | ... | 330 14 | 350 14 | 350 11 | 315 11 | 380 11 | 275 25 | |
| Sargodha | 355 03 | 030 03 | 355 08 | 335 16 | 335 13 | 350 17 | 345 16 | 335 24 | 320 26 | 290 37 | 305 28 |
| Skardu | | | | ... | 290 03 | 300 02 | ... | ... | ... | ... | ... |
| Sylhet | 150 06 | 195 19 | 210 29 | ... | ... | ... | ... | ... | ... | ... | ... |
| Yerawal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

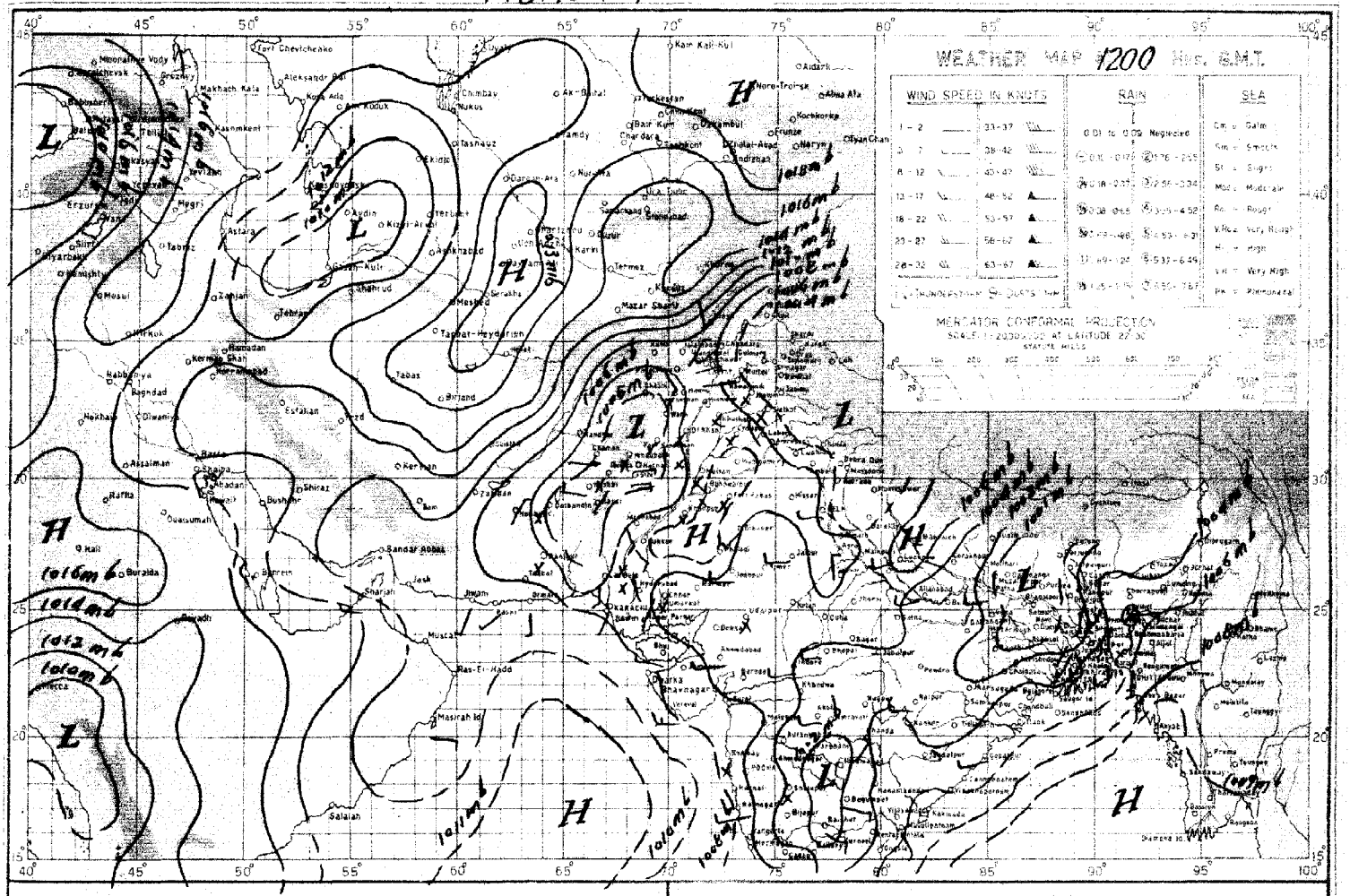
* The actual time of observations may vary within half an hour of the specified time.

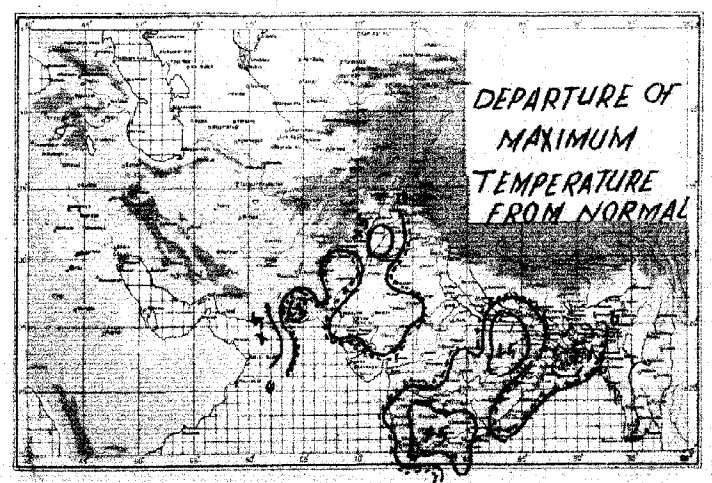
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted

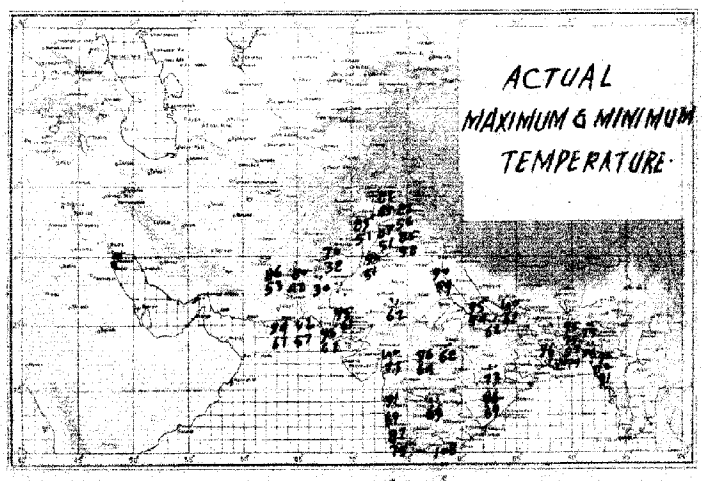
Accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

# PAKISTAN DAILY WEATHER MAP

MONDAY 30th MARCH 1970




REG. No. 1924 HWXD'69 Series Form 97.

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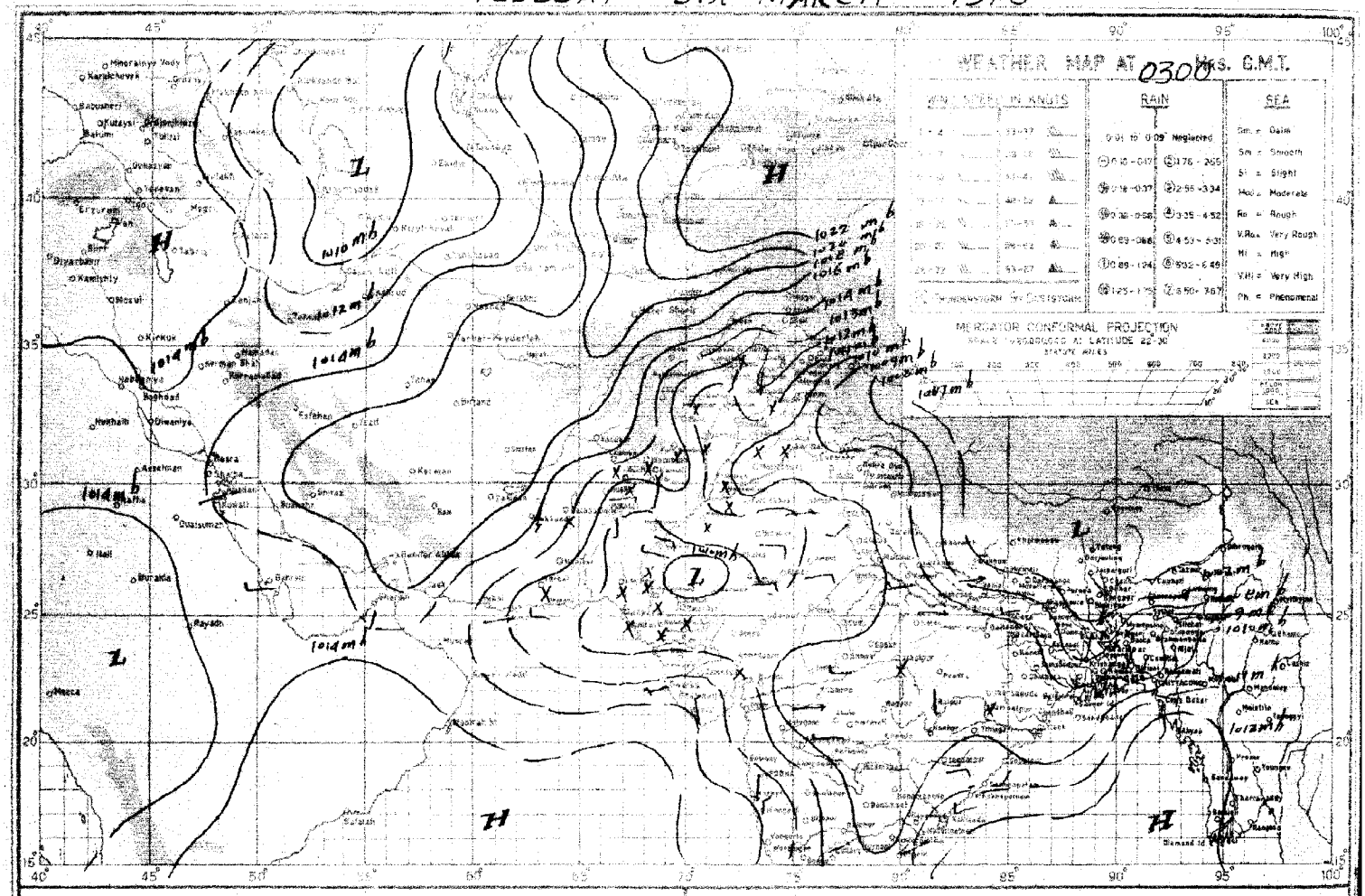
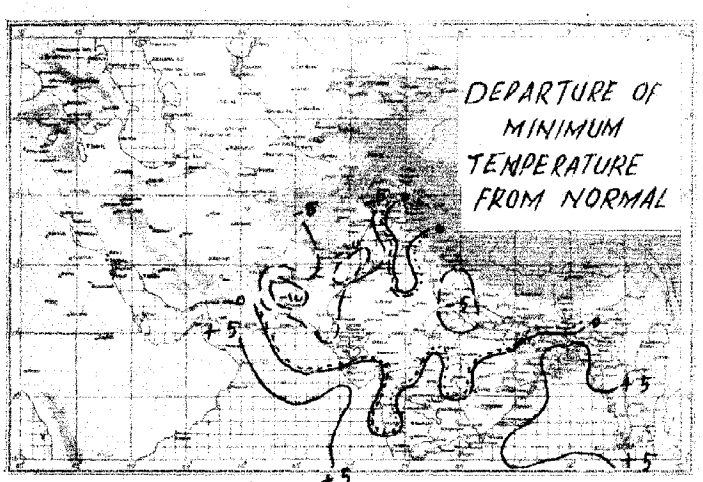
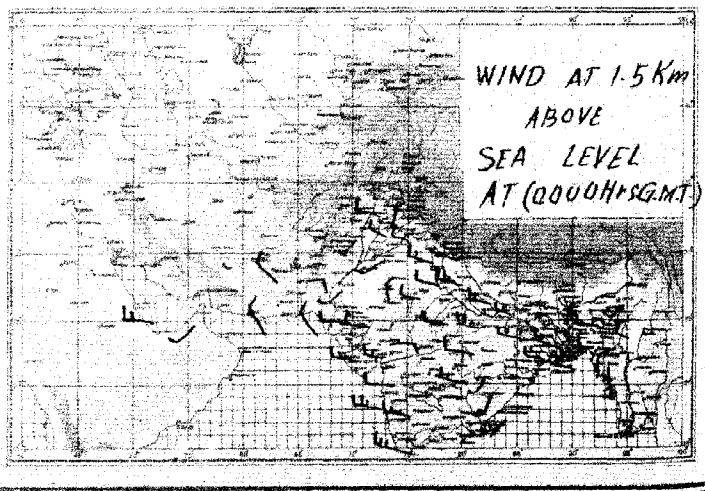
# PAKISTAN DAILY WEATHER MAP

TUESDAY 31st MARCH 1970

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# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

TUESDAY THE 31st MARCH, 1970.

**Summary of observations recorded at 0300 Hrs. G.M.T.**

Yesterday's westerly low pressure wave over Quetta and Kalat divisions and lies over northern divisions of west Pakistan. Weather remained dry over west Pakistan. The trough of low pressure over Orissa now lies over west Bengal and neighbourhood. A few thunderstorms/showers have occurred in Khulna and Rajshahi divisions. Night temperatures were 9—12 °F (5—7 °C) above normal in Chittagong and Rajshahi divisions and 3—8 °F (2—4 °C) so elsewhere in East Pakistan. There were 3—8 °F (2 – 4 °C) below normal in Sargodha, Bahawalpur, Peshawar, D. I. Khan, Hyderabad and Khairpur divisions and 9—10 °F (5—6 °C) so in Quetta and Kalat divisions.

**Forecast valid until the evening of 1st April, 1970 :**—Local thunderstorms/showers with squally winds are likely to occur in Dacca, Khulna and Chittagong divisions and scattered in Rajshahi division. Weather is likely to be dry over west Pakistan.

Karachi-11
The 31st March, 1970.

## OBSERVATIONS

QAZI SUBHAN AHMED
for Director, Meteorological Service.

**At 12 Hrs. G.M.T. of Previous day**

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility† VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) * PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 080 | 0 | 3 | 18 | 13 | 96 | 04 | 1 | 082 | 85 | 2 | 3 | 6 | 0 | 0 | 73 | 93 |
| | Cox's Bazar | 000 | 0 | 5 | 18 | 14 | 96 | 02 | 8 | 082 | 82 | 4 | 4 | 4 | 1 | 0 | 73 | 91 |
| | Chittagong | 000 | 0 | 6 | 18 | 20 | 96 | 02 | 2 | 078 | 82 | 6 | 4 | 4 | 0 | 0 | 78 | 90 |
| | Maijdee Court | 000 | 0 | 4 | 18 | 09 | 96 | 03 | 2 | 051 | 85 | 3 | 2 | 5 | 2 | 0 | 76 | 87 |
| | Comilla | 000 | 0 | 5 | 18 | 09 | 96 | 02 | 2 | 067 | 82 | 5 | 4 | 7 | 0 | 0 | 80 | 90 |
| | Brahmanbaria | 000 | 0 | 7 | 18 | 07 | 96 | 00 | 2 | 061 | 85 | 7 | 3 | 5 | 0 | 0 | 73 | 90 |
| | Sylhet | 028 | 3 | 8 | 09 | 05 | 96 | 95 | 9 | 058 | 73 | 7 | 9 | 4 | 2 | 0 | 70 | 81 |
| | Srimangal | 005 | 9 | 5 | 36 | 13 | 96 | 03 | 6 | 057 | 84 | 4 | 9 | 4 | 7 | 2 | 70 | 88 |
| Dacca | Mymensingh | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 036 | 78 | 6 | 4 | 4 | 0 | 0 | 68 | 95 |
| | Narayanganj | 000 | 0 | 6 | 18 | 05 | 93 | 03 | 2 | 042 | 87 | 4 | 6 | 3 | 3 | 1 | 77 | 87 |
| | Dacca (Tejgaon) | 000 | 6 | 6 | 18 | 09 | 94 | 17 | 9 | 043 | 87 | 4 | 9 | 4 | 4 | 0 | 73 | 95 |
| | Faridpur | 000 | 0 | 3 | 16 | 09 | 97 | 01 | 1 | 009 | 91 | 3 | 4 | 6 | 0 | 0 | 70 | 96 |
| Khulna | Barisal | 000 | 0 | 4 | 18 | 16 | 97 | 02 | 1 | 051 | 85 | 4 | 4 | 4 | 0 | 0 | 76 | 91 |
| | Khulna | 000 | 0 | 0 | 18 | 06 | 97 | 00 | 0 | 039 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 93 |
| | Satkhira | 006 | 0 | 6 | 23 | 05 | 96 | 03 | 1 | 039 | 86 | 4 | 4 | 6 | 2 | 0 | 76 | 95 |
| | Jessore | 000 | 0 | 3 | 21 | 16 | 97 | 02 | 1 | 033 | 87 | 2 | 5 | 6 | 0 | 1 | 72 | 98 |
| Rajshahi | Pabna | 000 | 4 | 3 | 18 | 05 | 97 | 03 | 1 | 007 | 96 | 3 | 3 | 6 | 0 | 0 | 73 | 00 |
| | Sirajganj | 000 | 0 | 0 | 80 | 00 | 96 | 00 | 0 | 016 | 96 | 0 | 0 | 9 | 0 | 0 | 60 | 98 |
| | Rajshahi | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | 023 | 95 | 2 | 1 | 5 | 0 | 1 | 73 | 99 |
| | Bogra | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 010 | 93 | 2 | 5 | 5 | 0 | 0 | 64 | 98 |
| | Dinajpur | 001 | 0 | 1 | 27 | 02 | 96 | 00 | 0 | 010 | 96 | 0 | 1 | 9 | 0 | 0 | 72 | 00 |
| | Rangpur | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 079 | 80 | 0 | 0 | 9 | 0 | 0 | 68 | 96 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 068 | 85 | 0 | 0 | 9 | 0 | 0 | 32 | 85 |
| | Sialkot | 000 | 0 | 0 | 00 | 08 | 97 | 00 | 0 | 000 | 87 | 0 | 0 | 9 | 0 | 0 | 61 | 88 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 058 | 85 | 0 | 0 | 9 | 0 | 0 | 34 | 87 |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rawalpindi | 000 | 0 | 1 | 27 | 02 | 99 | 08 | 0 | 060 | 80 | 0 | 0 | 9 | 4 | 0 | 41 | 82 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 061 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 90 |
| | Sargodha | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 064 | 86 | 0 | 0 | 9 | 0 | 0 | 53 | 87 |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 068 | 85 | 0 | 0 | 9 | 0 | 0 | 77 | 85 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 066 | 87 | 0 | 0 | 9 | 0 | 0 | 59 | 90 |
| | Leiah | 000 | 0 | 0 | 36 | 01 | 94 | 00 | 0 | 037 | 85 | 0 | 0 | 9 | 0 | 0 | 47 | 85 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 063 | 88 | 0 | 0 | 9 | 0 | 0 | 53 | 90 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 070 | 90 | 0 | 0 | 9 | 0 | 0 | 36 | 91 |
| | Fort Abbas | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 064 | 87 | 0 | 0 | 9 | 0 | 0 | 52 | 87 |
| Malakand | Chakdra | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 060 | 78 | 0 | 0 | 9 | 0 | 0 | 43 | 78 |
| Peshawar | Peshawar | 000 | 0 | 1 | 09 | 03 | 97 | 02 | 0 | 064 | 80 | 1 | 1 | 6 | 0 | 0 | 36 | 82 |
| | Haripur | 000 | 0 | 0 | 13 | 03 | 98 | 00 | 0 | 056 | 82 | 0 | 0 | 9 | 0 | 0 | 49 | 86 |
| D. I. Khan | Bannu | 000 | 0 | 0 | 09 | 02 | 99 | 00 | 0 | 058 | 82 | 0 | 0 | 9 | 0 | 0 | 52 | 85 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 067 | 82 | 0 | 0 | 9 | 0 | 0 | 70 | 90 |
| Quetta | Sibi | 000 | 0 | 1 | 08 | 03 | 97 | 02 | 0 | 059 | 95 | 0 | 0 | 9 | 0 | 0 | 58 | 96 |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 076 | 84 | 0 | 0 | 9 | 0 | 0 | 47 | 86 |
| Kalat | Turbat | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 104 | 95 | 0 | 0 | 9 | 0 | 0 | 28 | 95 |
| | Jiwani | 000 | 0 | 0 | 20 | 07 | 96 | 02 | 0 | 087 | 83 | 0 | 0 | 9 | 0 | 0 | 61 | 89 |
| | Pasni | 000 | 0 | 0 | 25 | 08 | 97 | 02 | 0 | 087 | 93 | 0 | 0 | 9 | 0 | 0 | 61 | 94 |
| Karachi division | Ormara | 000 | 0 | 0 | 18 | 16 | 96 | 02 | 0 | 086 | 89 | 0 | 0 | 9 | 0 | 0 | 62 | 92 |
| | Lasbela | 000 | 0 | 1 | 18 | 02 | 98 | 00 | 0 | 058 | 97 | 0 | 0 | 8 | 0 | 0 | 42 | 99 |
| | Karachi (Manora) | 000 | 0 | 0 | 25 | 07 | 97 | 02 | 0 | 080 | 83 | 0 | 0 | 9 | 0 | 0 | 69 | 90 |
| | Karachi (Airport) | 000 | 0 | 1 | 23 | 10 | 96 | 02 | 1 | 071 | 87 | 0 | 0 | 9 | 0 | 1 | 58 | 96 |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 119 | 97 | 0 | 0 | 0 | 0 | 0 | 40 | 04 |
| | Chhor | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 0 | 058 | 95 | 0 | 0 | 9 | 3 | 9 | 22 | 97 |
| | Hyderabad | 000 | 0 | 1 | 31 | 02 | 97 | 01 | 0 | 070 | 95 | 4 | 0 | 9 | 1 | 6 | 40 | 76 |
| | Badin | 000 | 0 | 4 | 31 | 05 | 97 | 02 | 0 | 072 | 98 | 0 | 0 | 9 | 0 | 4 | 27 | 01 |
| Khairpur | Padidan | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 073 | 91 | 0 | 0 | 9 | 0 | 0 | 37 | 93 |
| | Nawabshah | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 077 | 93 | 0 | 0 | 9 | 0 | 0 | // | 94 |
| | Sukkur | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 062 | 95 | 0 | 0 | 9 | 0 | 0 | 29 | 95 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 063 | 93 | 0 | 0 | 9 | 0 | 0 | 72 | 94 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 1 | 31 | 05 | 99 | 02 | 0 | 474 | 69 | 1 | 1 | 7 | 0 | 0 | 11 | 69 |
| Peshawar | Cherat * | 000 | 0 | 0 | 20 | 05 | 98 | 00 | 0 | 485 | 67 | 0 | 0 | 9 | 0 | 0 | 68 | 72 |
| | Kakul * | 000 | 0 | 3 | 23 | 03 | 98 | 03 | 0 | 467 | 70 | 3 | 3 | 6 | 0 | 0 | 40 | 72 |
| | Landikotal * | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 446 | 76 | 0 | 0 | 9 | 0 | 0 | 59 | 76 |
| | Parachinar * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 470 | 65 | 0 | 0 | 9 | 0 | 0 | 69 | 67 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 442 | 85 | 0 | 0 | 9 | 0 | 0 | 50 | 85 |
| | Wana * | 000 | 0 | 0 | 13 | 06 | 98 | 00 | 0 | 461 | 72 | 0 | 0 | 9 | 0 | 0 | 40 | 76 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 23 | 05 | 98 | 02 | 0 | 458 | 73 | 0 | 0 | 9 | 0 | 0 | 48 | 74 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 13 | 97 | 02 | 0 | /// | 48 | 0 | 0 | 9 | 0 | 0 | 40 | 50 |
| | Loralai * | 000 | 0 | 0 | 09 | 01 | 97 | 00 | 0 | 475 | 65 | 0 | 0 | 9 | 0 | 0 | 39 | 73 |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 459 | 82 | 0 | 0 | 9 | 0 | 0 | 31 | 83 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 483 | 69 | 0 | 0 | 9 | 0 | 0 | 30 | 70 |
| | Chaman * | 000 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 317 | 72 | 0 | 0 | 9 | 0 | 0 | 44 | 73 |
| | Nushki * | 000 | 0 | 0 | 31 | 05 | 97 | 02 | 0 | 345 | 77 | 0 | 0 | 9 | 0 | 0 | 36 | 83 |
| | Dalbandin * | 000 | 0 | 0 | 02 | 02 | 98 | 00 | 2 | 513 | 79 | 0 | 0 | 9 | 0 | 0 | 49 | 80 |
| Kalat | Kalat * | 000 | 0 | 0 | 02 | 02 | 98 | 00 | 2 | 495 | 67 | 0 | 0 | 9 | 0 | 0 | 17 | 66 |
| | Khuzdar * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 473 | 76 | 0 | 0 | 9 | 0 | 0 | 29 | 79 |
| | Panjgur * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 492 | 80 | 0 | 0 | 9 | 0 | 0 | // | 81 |

**At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall**

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total cloud amount N (22) | Wind direction in tens of degrees dd (23) | Wind speed in knots ff (24) | Horizontal visibility † VV (25) | Present weather † ww (26) | Past Weather W (27) | Sea level pressure (mbs. and tenths) * PPP (28) | Dry Bulb temperature TT (29) | Amount of Lowest Cloud † h (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Departure from Normal of: Minimum Temperature TnTn (38) | Rainfall: Since 1st November, 1969 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1970 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 5 | 18 | 09 | 97 | 04 | 1 | 121 | 86 | 4 | 4 | 6 | 0 | 0 | 73 | 77 | — | — | 6.3 | — | 4.7 | — |
| | Cox's Bazar | 300 | 0 | 4 | 18 | 10 | 96 | 02 | 0 | 122 | 84 | 3 | 3 | 9 | 4 | 0 | 73 | // | + 4 | — | 1.0 | — 5.4 | 0.3 | 140 |
| | Chittagong | 000 | 0 | 3 | 13 | 18 | 96 | 02 | 1 | 113 | 84 | 3 | 8 | 4 | 0 | 0 | 79 | 73 | + 3 | + 2 | 1.5 | — 4.1 | 0.7 | 108 |
| | Maijdee Court | 000 | 9 | 8 | 18 | 09 | 96 | 03 | 2 | 101 | 82 | 5 | 1 | 5 | 2 | 1 | 76 | 78 | — 1 | + 5 | 3.8 | — 1.6 | 3.4 | 115 |
| | Comilla | 000 | 0 | 4 | 18 | 09 | // | // | 1 | 099 | 82 | 0 | 0 | 9 | 3 | 0 | 77 | 76 | — 1 | + 5 | 2.4 | — 3.6 | 1.9 | 94 |
| | Brahmanbaria | 000 | 0 | 4 | 18 | 07 | 97 | 03 | 1 | 091 | 82 | 4 | 5 | 5 | 0 | 0 | 77 | 76 | — | — | 4.9 | — 0.7 | 2.8 | 78 |
| | Sylhet | 051 | 3 | 8 | 09 | 01 | 96 | 05 | 9 | 099 | 70 | 5 | 3 | 4 | 3 | 6 | 68 | 67 | — | — | — | — | — | — |
| | Srimangal | 000 | 0 | 6 | 36 | 02 | 96 | 02 | 9 | 094 | 81 | 4 | 8 | 4 | 7 | 2 | 73 | 77 | — 3 | + 12 | — | — | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 1 | 088 | 87 | 7 | 5 | 4 | 0 | 0 | 75 | 73 | + 4 | + 6 | 2.5 | — 1.5 | 2.2 | 91 |
| | Narayanganj | 000 | 0 | 6 | 23 | 01 | 97 | 02 | 2 | 086 | 84 | 7 | 6 | 2 | 3 | 1 | 75 | 79 | + 5 | + 7 | 3.5 | — 0.5 | 2.2 | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 23 | 09 | 97 | 03 | 2 | 085 | 84 | 7 | 4 | 3 | 0 | 0 | 75 | 79 | | — | 3.7 | — | 2.5 | — |
| | Faridpur | 000 | 0 | 3 | 20 | 09 | 97 | 02 | 2 | 064 | 84 | 3 | 5 | 5 | 1 | 5 | // | // | + 5 | / | — | — | — | 71 |
| Khulna | Barisal | 000 | 0 | 6 | 23 | 13 | 96 | 01 | 2 | 102 | 84 | 6 | 8 | 4 | 0 | 0 | 79 | 77 | — 1 | + 6 | 2.2 | — 3.0 | 1.3 | 81 |
| | Khulna | 080 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 090 | 87 | 2 | 2 | 9 | 0 | 0 | 79 | 79 | 0 | + 7 | — | — | — | 68 |
| | Satkhira | 000 | 0 | 4 | 19 | 06 | 97 | 00 | 0 | 097 | 84 | 4 | 3 | 7 | 0 | 0 | 7/ | 77 | 0 | + 5 | 3.9 | — 2.5 | 3.7 | 68 |
| | Jessore | 005 | 8 | 1 | 23 | 10 | 97 | 02 | 9 | 083 | 82 | 1 | 5 | 4 | 0 | 0 | 75 | 79 | — | — | 4.9 | + 0.1 | 3.8 | 65 |
| Rajshahi | Pabna | 004 | 0 | 4 | 18 | 05 | 97 | 03 | 1 | 059 | 79 | 4 | 5 | 7 | 0 | 0 | 73 | // | — | — | 4.1 | — | 3.1 | 59 |
| | Sirajganj | 000 | 0 | 4 | 18 | 03 | 98 | 02 | 2 | 084 | 87 | 4 | 2 | 6 | 0 | 0 | 75 | 75 | + 4 | + 7 | 2.4 | — 0.7 | 2.0 | 64 |
| | Rajshahi | 000 | 0 | 0 | 31 | 08 | 96 | 02 | 0 | 077 | 84 | 0 | 0 | 9 | 0 | 0 | 69 | 75 | + 4 | + 6 | — | — | — | — |
| | Bogra | 000 | 0 | 4 | 18 | 12 | 96 | 0/ | 2 | 076 | 82 | 3 | 4 | 5 | 8 | 0 | 77 | 79 | + 3 | + 12 | — | — | — | 89 |
| | Dinajpur | 000 | 0 | 0 | 27 | 02 | 96 | 00 | 0 | 062 | 87 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | + 7 | + 8 | — | — | — | 73 |
| | Rangpur | 000 | 0 | 1 | 13 | 09 | 96 | 01 | 0 | 074 | 82 | 1 | 0 | 9 | 1 | 0 | 75 | 62 | + 5 | — 2 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 103 | 73 | 0 | 0 | 9 | 0 | 0 | 43 | 58 | — 4 | + 1 | 2.0 | — 1.4 | 2.0 | 19 |
| | Sialkot | + | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 102 | 65 | 0 | 0 | 9 | 0 | 0 | 49 | 56 | — | — | 5.5 | — | 5.4 | — |
| | Islamabad | 800 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 000 | 70 | 0 | 0 | 9 | 0 | 0 | 41 | 58 | — | | 6.9 | — | 6.8 | |
| | Rawalpindi | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 112 | 62 | 0 | 0 | 9 | 0 | 0 | 45 | 56 | + 1 | + 1 | 8.7 | — 0.5 | 8.5 | 36 |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | — |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 5 | | | | | 15 |
| | Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 05 | 96 | 00 | 0 | 059 | 58 | 0 | 0 | 9 | 0 | 0 | 45 | 51 | — 4 | — 8 | 1.5 | — 0.4 | 1.2 | 13 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Multan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 108 | 64 | 0 | 0 | 9 | 0 | 0 | 43 | 51 | + 1 | — 11 | 0.8 | — 0.4 | 0.8 | 9 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 8 | 23 | 82 | 96 | 02 | 5 | 155 | 70 | 0 | 0 | 9 | 0 | 0 | 36 | 50 | — 3 | — 9 | — | — | — | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 134 | 75 | 0 | 0 | 9 | 0 | 0 | 40 | 56 | 0 | — 4 | — | — | — | 6 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 109 | 67 | 0 | 0 | 9 | 0 | 0 | 50 | 58 | — | — | 0.1 | — | 0.1 | 8 |
| Malakand | Chakdra | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 120 | 51 | 8 | 0 | 9 | 0 | 0 | 43 | 45 | — | — | 7.3 | — | 6.3 | — |
| Peshawar | Peshawar | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 116 | 60 | 0 | 0 | 9 | 0 | 0 | 45 | 51 | + 3 | — 5 | — | — | — | 11 |
| | Haripur | 000 | 0 | 0 | 25 | 63 | 98 | 00 | 0 | 115 | 64 | 0 | 0 | 9 | 0 | 0 | 41 | 51 | — | — | 8.3 | — | 7.4 | — |
| D. I. Khan | Bannu | 000 | 0 | 0 | 29 | 02 | 99 | 00 | 0 | 106 | 64 | 0 | 0 | 9 | 0 | 0 | 35 | 56 | — | — | 2.1 | — | 1.6 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 109 | 62 | 0 | 0 | 9 | 0 | 0 | 47 | 54 | + 4 | — 6 | 7.7 | + 3.3 | 7.7 | 9 |
| Quetta | Sibi | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 111 | 62 | 0 | 0 | 9 | 0 | 0 | 62 | 56 | — | — | 0.9 | — | 0.9 | 5 |
| | Nokkundi | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 141 | 63 | 0 | 0 | 9 | 0 | 0 | 46 | 53 | — | — | 3.5 | — | 3.5 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 142 | 67 | 0 | 0 | 3 | 0 | 0 | 38 | // | — | — | 0.7 | — | 0.7 | — |
| | Jiwani | 800 | 0 | 0 | 27 | 05 | 96 | 02 | 0 | 117 | 71 | 0 | 0 | 9 | 0 | 0 | 66 | 47 | — | — | 9.2 | — | 8.3 | 3 |
| | Pasni | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 106 | 64 | 0 | 0 | 0 | 0 | 0 | 64 | // | + 5 | — | 2.3 | — 2.3 | 2.5 | 6 |
| Karachi division | Ormara | 000 | 0 | 0 | 31 | 02 | 96 | 01 | 0 | 116 | 73 | 0 | 0 | 9 | 0 | 0 | 71 | // | — | — | 2.9 | — 1.8 | 2.9 | 6 |
| | Lasbela | 060 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 110 | 62 | 0 | 0 | 8 | 0 | 0 | 55 | 58 | — | — | 0.0 | — | 0.0 | 8 |
| | Karachi (Manora) | 008 | 0 | 0 | 27 | 07 | 96 | 02 | 0 | 103 | 74 | 0 | 0 | 9 | 0 | 0 | 68 | 71 | + 5 | — 1 | 1.1 | — 0.4 | 1.1 | 8 |
| | Karachi (Airport) | 800 | 0 | 0 | 03 | 00 | 96 | 02 | 0 | 108 | 66 | 0 | 0 | 9 | 0 | 0 | 53 | 62 | — | | 3.0 | — | 3.0 | — |
| Hyderabad | Nagarparkar | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 141 | 80 | 0 | 0 | 9 | 0 | 0 | 64 | 80 | — | — | 0.1 | — | 0.1 | |
| | Chhor | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 106 | 63 | 0 | 0 | 9 | 0 | 0 | 41 | 54 | — | — | 2.5 | — | 7.5 | 7 |
| | Hyderabad | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 111 | 71 | 0 | 0 | 9 | 0 | 0 | 37 | 61 | — 1 | — 7 | 1.1 | + 0.3 | 1.1 | 9 |
| | Badin | 800 | 0 | 0 | 23 | 04 | 97 | 02 | 0 | 098 | 66 | 0 | 0 | 9 | 0 | 0 | 55 | 63 | + 4 | — 3 | 0.1 | — 0.9 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 08 | 96 | 02 | 0 | 144 | 59 | 0 | 0 | 9 | 0 | 0 | 41 | 50 | — | — | 0.9 | — | 0.9 | — |
| | Nawabshah | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 109 | 67 | 0 | 0 | 9 | 0 | 0 | 42 | 53 | — | — | 0.4 | — | 0.4 | 4 |
| | Sukkur | 600 | 0 | 0 | 23 | 03 | 94 | 05 | 0 | 103 | 68 | 0 | 0 | 9 | 0 | 0 | 51 | 59 | — | — | 0.9 | — | 0.9 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | — | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 146 | 69 | 0 | 0 | 9 | 0 | 0 | 35 | 60 | — | — 5 | 2.2 | + 1.2 | 2.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 34 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 39 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 6 | | | | | 19 |
| Peshawar | Cherat * | 000 | 0 | 0 | 36 | 03 | 98 | 02 | 0 | 491 | 60 | 0 | 0 | 9 | 0 | 0 | 28 | 50 | + 7 | — 1 | 6.1 | — 5.6 | 5.5 | — |
| | Kakul * | 000 | 0 | 0 | 31 | 03 | 98 | 02 | 0 | 477 | 56 | 0 | 0 | 9 | 0 | 0 | 35 | 50 | — | — | 15.2 | — | 14.2 | — |
| | Landikotal * | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 432 | 56 | 0 | 0 | 9 | 0 | 0 | 45 | 43 | — | — | 4.3 | — | 3.6 | 39 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | 11 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 474 | 58 | 0 | 0 | 9 | 0 | 0 | 43 | 51 | — | — | 0.1 | — 6.8 | 0.1 | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 489 | 52 | 0 | 0 | 9 | 0 | 0 | 52 | 41 | — | — | — | — | — | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 490 | 55 | 0 | 0 | 9 | 0 | 0 | // | 43 | — 4 | — 9 | 2.8 | — 1.1 | 2.8 | — |
| | Hindubagh * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | /// | 28 | 0 | 0 | 9 | 0 | 0 | 13 | 25 | — | — | 1.8 | — | 1.6 | 9 |
| | Loralai * | 000 | 0 | 0 | 18 | 07 | 97 | 00 | 0 | 480 | 55 | 0 | 0 | 9 | 0 | 0 | 29 | 60 | — | — | 2.2 | — | 2.1 | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 31 | 02 | 96 | 02 | 0 | 461 | 61 | 0 | 0 | 9 | 0 | 0 | 29 | 53 | — | — | 3.8 | — 0.9 | 3.8 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 513 | 45 | 0 | 0 | 9 | 0 | 0 | 29 | 38 | — | — | 3.6 | — 3.4 | 2.9 | 9 |
| | Chaman * | 000 | 0 | 0 | 09 | 03 | 96 | 02 | 0 | 515 | 57 | 0 | 0 | 9 | 0 | 0 | 40 | 49 | + 3 | — 2 | 7.7 | + 1.3 | 7.7 | — |
| | Nushki * | 000 | 0 | 0 | 07 | 03 | 97 | 02 | 0 | 541 | 63 | 0 | 0 | 9 | 0 | 0 | 35 | 57 | — | — | 2.6 | — | 3.5 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 494 | 50 | 0 | 0 | 9 | 0 | 0 | 34 | 42 | 0 | — 10 | 3.3 | + 0.3 | 3.3 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 92 | 88 | 00 | 0 | 531 | 37 | 0 | 0 | 9 | 0 | 0 | // | 38 | 0 | — 10 | 3.0 | — 1.9 | 3.0 | — |
| | Khuzdar * | 800 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 491 | 61 | 0 | 0 | 9 | 0 | 0 | 17 | 53 | — | — | 2.9 | — | 2.6 | 5 |
| | Panjgur * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | | | | — |

† Given in Code

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 amount of rainfall

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 31st MARCH, 1970.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wP_wH_wH$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABAIN SEA | | | | | | | | | | | | | | |
| Kampala | 90 1 79 | 10 6 41 | 30 1 83 | 00 / 08 | 98 0 20 | 10 2 77 | 00 8 00 | | | 83 2 19 | 03 2 30 | | | |
| Jowar | 99 2 33 | 10 6 74 | 30 1 83 | 02 8 14 | 98 0 10 | 10 9 77 | 00 9 00 | | 74 4 00 | — | 05 1 24 | 12 8 27 | 30 1 02 | 19 5 01 |

## UPPER AIR DATA

| STATION | Time of ascent in G.M.T. | Surface | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPo ToToTo DoDo | 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 | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 005 270 31 | .. | 430 180 58 | 091 081 59 | 378 093 60 | 747 197 61 | 956 305 61 | 234 491 // | 418 617 // | 664 /// // | — | ... | — |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 807 180 64 | ... | 450 108 63 | 045 031 | 569 111 // | 738 191 // | 947 315 // | 227 425 // | ... | ... | — | ... | ... |
| Multan ... | 00 00 | 995 114 50 | ... | 455 190 35 | 122 064 63 | 578 101 // | 746 215 // | 952 335 // | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 969 110 58 | ... | 400 145 90 | 064 040 59 | 569 141 // | 733 269 // | 935 431 // | 206 489 // | — | — | — | — | ... |
| Quetta ... | 00 00 | 820 072 56 | ... | ... | 071 027 76 | 562 233 // | 721 363 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 994 154 56 | ... | 480 144 56 | 068 024 50 | 566 181 // | 730 261 // | 935 309 35 | 218 381 // | ... | — | — | ... | — |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TT $T_a$ DD | | | | | | | | | Max. Wind Speed PmPmPm dmdm fmfmfm | TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | | | | | | | | | | | | |
| Dacca ... | 00 00 | 900 188 24 | 800 156 60 | 600 011 58 | 350 251 60 | ... | ... | — | ... | ... | — | ... | — |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | — | ... | ... | ... | — | — | ... | ... | ... | ... |
| Multan ... | 00 00 | ... | ... | ... | ... | ... | ... | — | ... | ... | — | ... | ... |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 078 58 | 600 137 // | 350 431 // | — | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | — | — | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| | At 1200 hrs. G.M.T. † of Previous day (dd fff) | | | | | | | | |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal | 200 29 | 200 28 | 235 21 | ... | — | ... | ... | — | — |
| Bogra | 200 05 | 230 09 | 230 09 | 245 05 | 250 15 | — | ... | ... | — |
| Chaklala | — | 330 04 | 310 03 | 307 02 | 055 06 | 065 09 | 345 07 | 340 10 | — |
| Chhor | 285 05 | 255 03 | 285 02 | 310 03 | 280 04 | 295 12 | 285 34 | 275 44 | 275 63 |
| Chittagong | 170 24 | 175 24 | 185 23 | 205 25 | ... | — | — | ... | .. |
| Cherat | ... | ... | ... | — | — | — | ... | ... | ... |
| Cox's Bazar | 170 22 | 175 19 | 185 13 | 180 15 | — | — | ... | ... | ... |
| Dacca | 185 12 | 200 13 | 205 14 | ... | — | — | ... | — | ... |
| Dalbandin | ... | — | 095 05 | 060 06 | 015 10 | 050 05 | 305 10 | 320 12 | 290 16 |
| D. I. Khan | 155 01 | 145 01 | 155 50 | 053 01 | 360 03 | 010 06 | 340 20 | 310 20 | 310 23 |
| Drosh | ... | ... | ... | 020 09 | 025 06 | 010 05 | 330 02 | 345 07 | ... |
| Fort Sandeman | ... | ... | ... | 160 04 | 260 04 | 210 08 | 245 11 | 290 25 | 315 24 |
| Gilgit | ... | ... | ... | 045 09 | 025 08 | 165 06 | 355 04 | 170 03 | 165 08 |
| Ishurdi | 235 15 | 251 07 | 250 17 | 250 14 | 250 17 | ... | ... | ... | ... |
| Jacobabad | 135 03 | 190 03 | 195 04 | 220 04 | 270 07 | 360 09 | 340 70 | 285 13 | — |
| Jessore | 195 13 | 195 16 | 220 16 | 245 19 | 206 25 | 270 31 | ... | ... | ... |
| Jhelum | 165 02 | 255 02 | 260 04 | 290 06 | 245 09 | 040 07 | 360 13 | 360 17 | 340 16 |
| Jiwani | 200 08 | 180 05 | 175 03 | 070 03 | 040 03 | 295 14 | 280 25 | 200 34 | 360 35 |
| Karachi | 315 15 | 250 15 | 270 14 | 290 12 | 310 14 | 305 15 | 290 28 | 275 38 | 280 35 |
| Khanpur | 260 07 | 315 06 | 310 02 | 310 01 | 305 04 | 285 27 | 275 01 | 340 32 | 295 16 |
| Khuzdar | ... | ... | ... | 135 01 | 225 23 | 315 06 | 320 09 | 280 19 | 265 27 |
| Lahore | 320 05 | 351 05 | 310 05 | 320 03 | 320 04 | 335 07 | 295 25 | 295 07 | 290 21 |
| Multan | 110 06 | 085 04 | 085 03 | 320 03 | 290 09 | 305 05 | 305 12 | 310 23 | 305 20 |
| Nawab Shah | 320 08 | 3 0 04 | 301 05 | 300 11 | 330 05 | 270 38 | 295 21 | 290 32 | 270 78 |
| Nokkundi | ... | ... | 265 10 | 220 02 | 320 03 | 310 05 | 290 14 | 290 08 | 305 09 |
| Panjgur | ... | | | | ... | ... | ... | | |
| Peshawar | .. | 110 04 | 035 04 | 325 08 | 325 07 | 020 09 | 340 12 | 325 14 | 315 15 |
| Parachinar | ... | ... | — | 250 01 | 190 02 | 365 17 | 290 16 | 320 31 | 325 25 |
| Quetta | ... | | | ... | 335 12 | 335 25 | 320 12 | 335 17 | 310 19 |
| Sargodha | 290 06 | 295 07 | 305 07 | 310 05 | 335 05 | 350 08 | 310 19 | 310 22 | 300 26 |
| Skardu | ... | ... | ... | ... | — | ... | ... | ... | ... |
| Sylhet | 250 20 | 200 31 | ... | ... | ... | ... | ... | ... | ... |
| Veraval | ... | ... | - | ... | ... | — | — | ... | — |

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| | At 0000 hrs. G.M.T. † of date (dd fff) | | | | | |
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal | 200 31 | 210 34 | 255 35 | 270 31 | 275 23 | 215 18 |
| Bogra | 190 19 | 215 20 | 245 19 | /// // | 300 16 | ... |
| Chaklala | ... | 070 09 | 115 04 | 360 03 | 010 03 | 025 03 |
| Chhor | 360 11 | 360 09 | 310 08 | 295 20 | 320 14 | 340 15 |
| Chittagong | 165 01 | 175 21 | 175 23 | 190 31 | 185 23 | 190 37 |
| Cherat | ... | ... | ... | | | ... |
| Cox's Bazar | 185 17 | 165 22 | 190 19 | 355 12 | 250 12 | ... |
| Dacca | 185 21 | 200 24 | 230 17 | | | |
| Dalbandin | | | 075 07 | 095 08 | 050 05 | 320 06 |
| D. I. Khan | 250 02 | 170 03 | 195 06 | 225 07 | 250 17 | 035 02 |
| Drosh | ... | ... | ... | 095 01 | 045 04 | 015 15 |
| Fort Sandeman | ... | ... | ... | 280 15 | 265 12 | 245 20 |
| Gilgit | No | Ascent | | | | |
| Ishurdi | 235 16 | 265 12 | 290 13 | 310 13 | 310 12 | ... |
| Jacobabad | 200 10 | 215 08 | 190 06 | 330 06 | 310 11 | 335 14 |
| Jessore | 220 15 | 235 13 | 320 09 | 310 09 | 280 12 | 265 15 |
| Jhelum | 330 06 | 345 07 | 005 03 | 340 11 | 325 21 | 330 36 |
| Jiwani | 285 60 | 010 08 | 330 09 | 310 06 | 125 07 | 135 01 |
| Karachi | 275 17 | 270 15 | 270 15 | 290 12 | 300 08 | 350 10 |
| Khanpur | ... | ... | ... | | | |
| Khuzdar | ... | ... | | 285 03 | 300 07 | 320 14 |
| Lahore | 240 06 | 350 07 | 275 07 | 340 08 | 320 07 | 270 06 |
| Multan | 140 06 | 270 03 | 270 06 | 240 03 | 265 09 | 340 15 |
| Nawab Shah | 330 04 | 330 03 | 280 03 | 285 10 | 300 19 | 328 20 |
| Nokkundi | .. | ... | 295 04 | 325 03 | 320 03 | 310 06 |
| Panjgur | . | ... | | 280 19 | 280 19 | 245 20 |
| Peshawar | ... | 210 23 | 260 20 | 262 01 | 275 20 | 275 28 |
| Parachinar | ... | — | ... | 310 03 | 265 02 | ... |
| Quetta | .. | | | ... | | |
| Sargodha | 355 07 | 295 06 | 295 06 | 355 09 | 005 09 | 345 09 |
| Skardu | ... | | | | | 245 28 |
| Sylhet | 160 14 | 175 29 | ... | — | ... | — |
| Veraval | | ... | ... | — | — | — |

| Height in Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.4 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | At 0600 hrs. G.M.T. † of date (dd fff) | | | | | | | | | | |
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 5 | 26 | 27 |
| Barisal | 200 12 | 320 12 | 240 12 | 250 15 | 250 15 | ... | ... | .. | ... | ... | ... |
| Bogra | 280 06 | 285 08 | 285 13 | | | ... | | | | ... | .. |
| Chaklala | ... | 245 06 | 290 07 | 010 09 | 045 06 | 100 06 | 285 10 | 335 17 | 275 35 | 320 14 | ... |
| Chhor | 005 01 | 005 03 | 340 05 | 335 05 | 360 09 | 320 02 | 290 17 | 265 21 | 320 31 | 260 47 | .. |
| Chittagong | 190 13 | 190 16 | 195 18 | 215 21 | ... | — | ... | ... | ... | | |
| Cherat | | | | ... | ... | ... | . | .. | ... | ... | ... |
| Cox's Bazar | 195 15 | 195 19 | 195 23 | 190 29 | 205 29 | 205 13 | ... | ... | ... | — | .. |
| Dacca | 190 08 | 210 08 | 215 09 | 205 14 | 210 22 | — | | | | | ... |
| Dalbandin | | | 090 04 | 065 08 | 325 03 | 345 09 | 330 08 | 015 11 | 350 17 | 340 19 | 340 28 |
| D. I. Khan | 015 01 | 105 02 | 195 03 | 195 06 | 190 06 | 180 07 | 175 06 | 275 09 | 275 12 | 295 18 | 315 21 |
| Drosh | — | — | ... | 060 13 | 360 14 | 015 13 | 130 05 | 065 09 | 050 08 | 060 09 | 345 17 |
| Fort Sandeman | — | ... | ... | 240 06 | 230 10 | 270 06 | 300 08 | 205 03 | 270 12 | 295 25 | 305 35 |
| Gilgit | | | | | | ... | ... | .. | ... | .. | . |
| Ishurdi | 320 04 | 325 04 | 340 07 | 310 23 | 280 20 | | | | | ... | ... |
| Jacobabad | 200 06 | 255 03 | 300 04 | 345 02 | 215 07 | 255 09 | 285 09 | 315 28 | 330 15 | ... | ... |
| Jessore | 275 04 | 275 06 | 295 07 | 295 08 | 255 15 | 265 31 | 2 0 30 | /// // | 265 35 | ... | ... |
| Jhelum | 315 06 | 325 10 | 320 59 | 320 07 | 325 16 | 320 18 | 330 18 | 330 08 | 275 27 | 305 25 | 295 45 |
| Jiwani | 335 04 | 065 09 | 065 12 | 070 07 | 100 02 | — | ... | ... | | | ... |
| Karachi | 285 08 | 305 05 | 285 11 | 280 13 | 250 08 | 265 08 | 265 15 | 280 30 | 265 39 | .. | ... |
| Khanpur | .. | — | ... | | | | | | ... | | |
| Khuzdar | ... | ... | | 345 04 | 330 03 | 215 02 | 230 04 | 310 10 | 330 11 | 290 31 | 290 34 |
| Lahore | 312 03 | 350 03 | 335 09 | 310 18 | 330 18 | 340 17 | 335 19 | 315 27 | ... | | |
| Multan | 200 06 | 215 07 | 205 08 | 280 08 | 170 09 | 255 09 | 270 16 | 295 22 | 275 44 | 290 28 | 275 40 |
| Nawab Shah | 140 05 | 145 05 | 045 03 | 060 03 | 360 05 | 295 07 | 280 19 | 275 19 | 280 76 | ... | ... |
| Nokkundi | ... | — | 090 07 | 120 08 | 200 06 | 240 10 | 260 34 | 270 37 | 265 45 | | ... |
| Panjgur | ... | ... | 090 07 | 120 08 | 200 06 | 260 10 | 260 34 | 270 37 | 265 45 | | ... |
| Peshawar | .. | 060 03 | 075 03 | 315 09 | 300 10 | 305 12 | 280 13 | 310 17 | 295 37 | 315 21 | 295 21 |
| Parachinar | ... | ... | — | 100 05 | 270 03 | 285 06 | 305 08 | /// // | 330 13 | 350 12 | 320 31 |
| Quetta | ... | | | ... | 310 07 | 285 07 | 340 07 | 320 19 | 300 29 | 290 77 | — |
| Sargodha | 325 02 | 335 05 | 335 06 | 330 06 | 320 05 | 320 06 | 305 17 | 305 19 | 285 51 | 295 37 | ... |
| Skardu | | | ... | ... | ... | ... | - | .. | ... | ... | ... |
| Sylhet | 245 06 | 250 07 | ... | — | ... | ... | ... | ... | .. | ... | ... |
| Veraval | — | ... | ... | ... | ... | ... | ... | ... | — | ... | ... |

## RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

| Height in g.p. Kms. a.s.l → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | .4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 14.0 | 16.2 | 18.2 | 21.0 | 43.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong ... | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | |
| Karachi ... | MISDA | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars

DD—Dew point depression

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

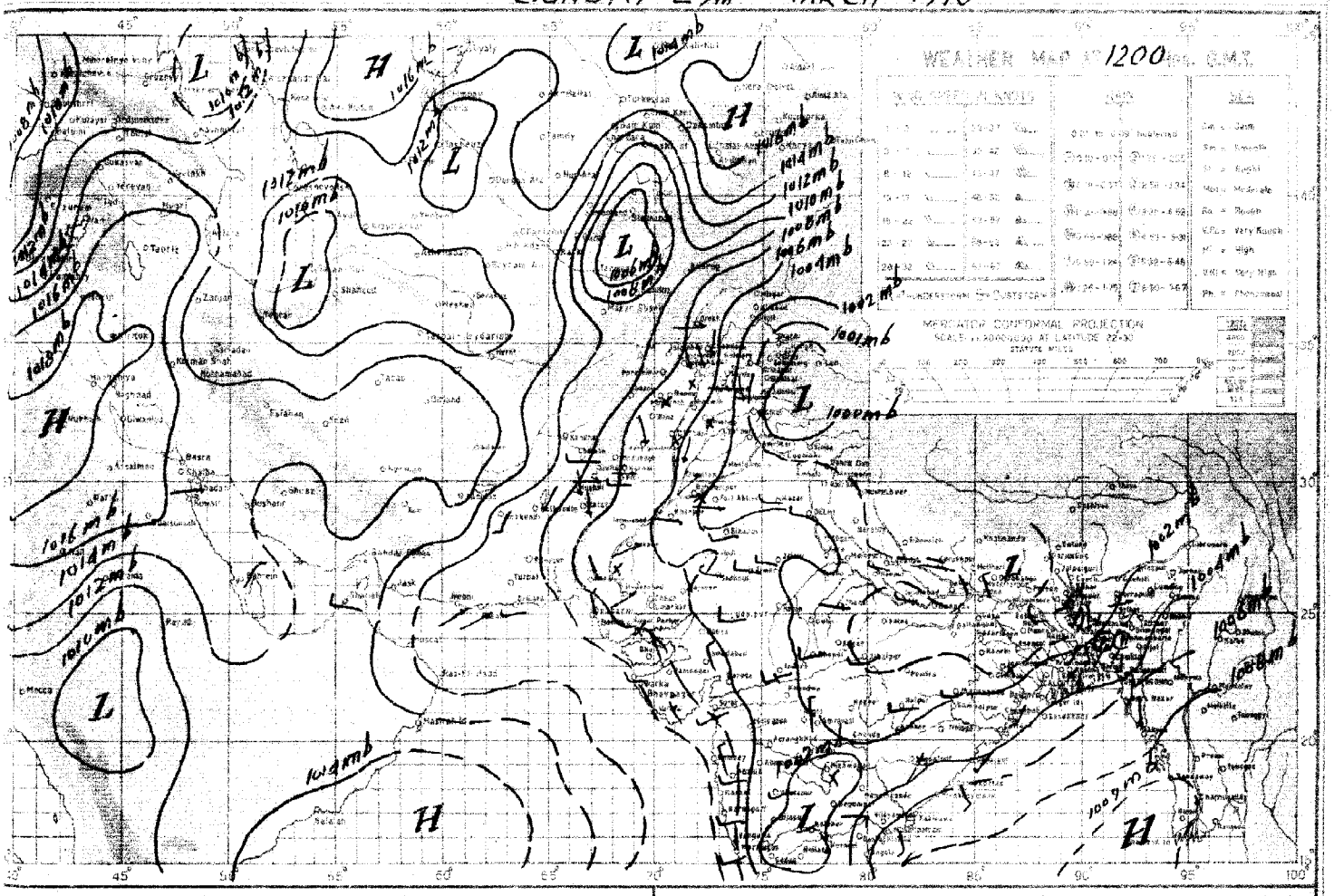
† The actual time of observations may vary within half an hour of the specified time.

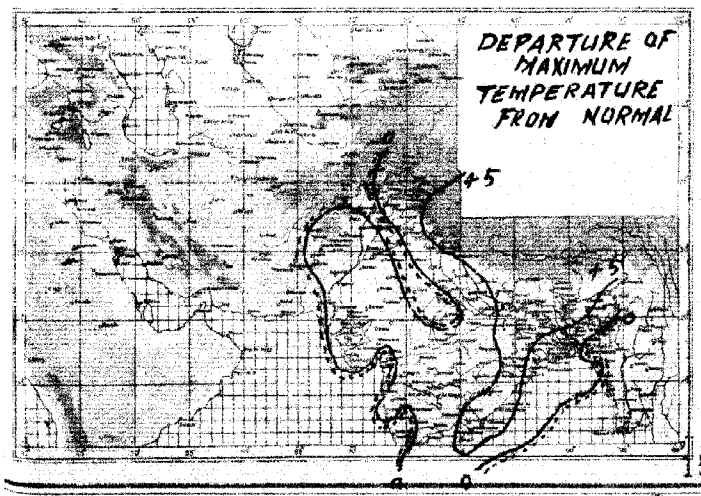
‡ The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

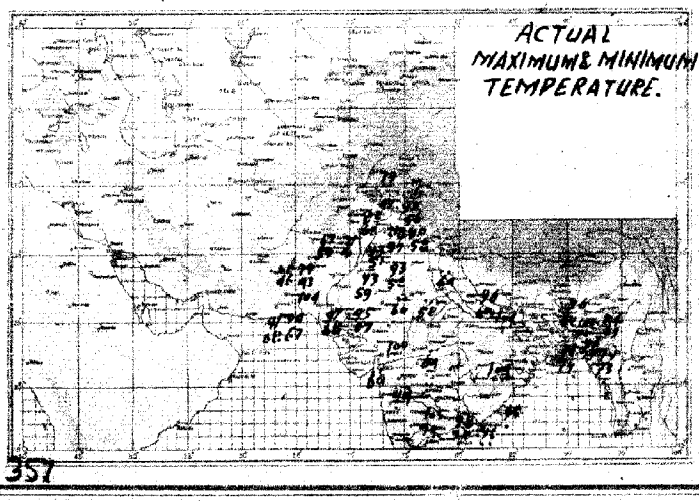
[illegible] has can be reproduced. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

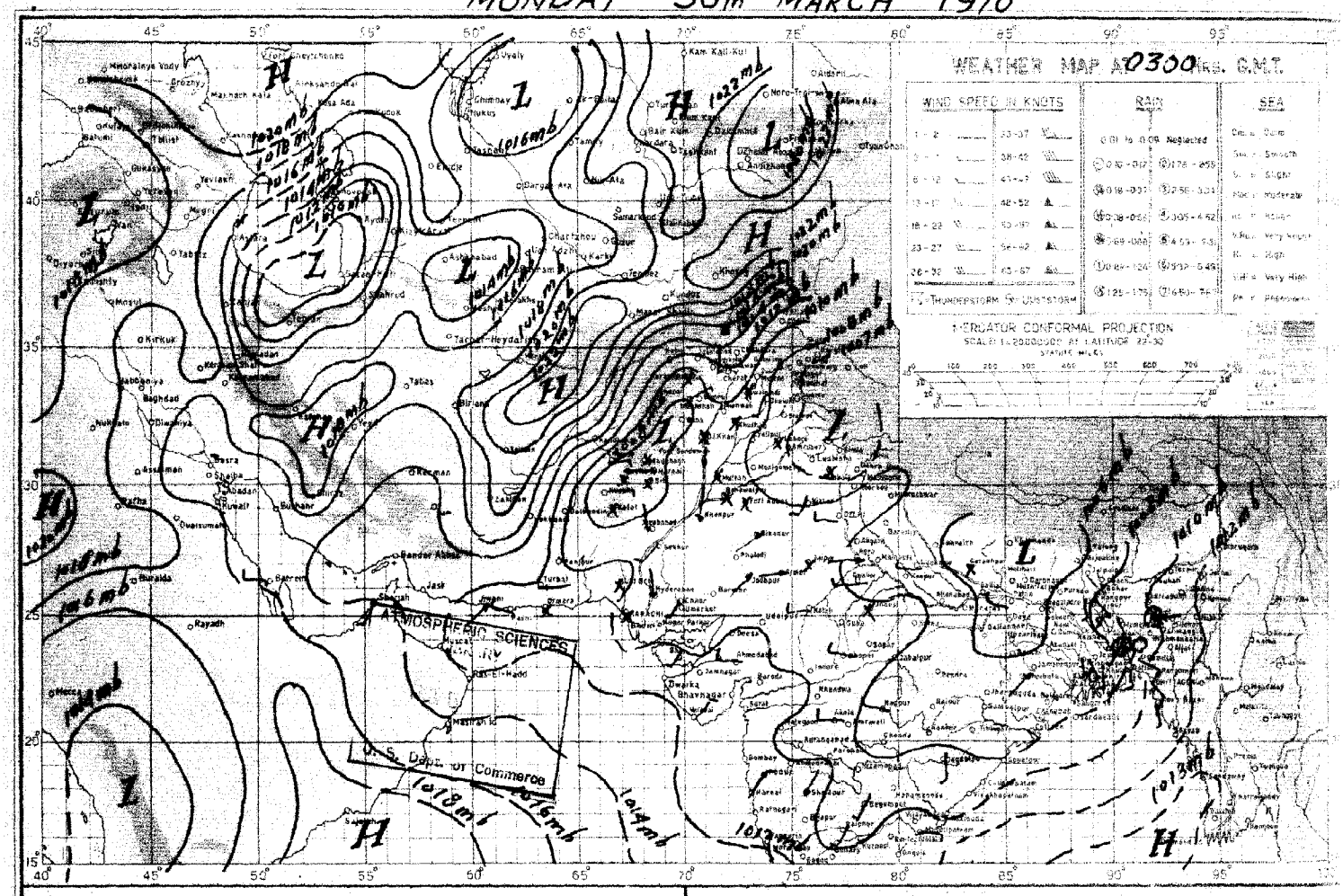
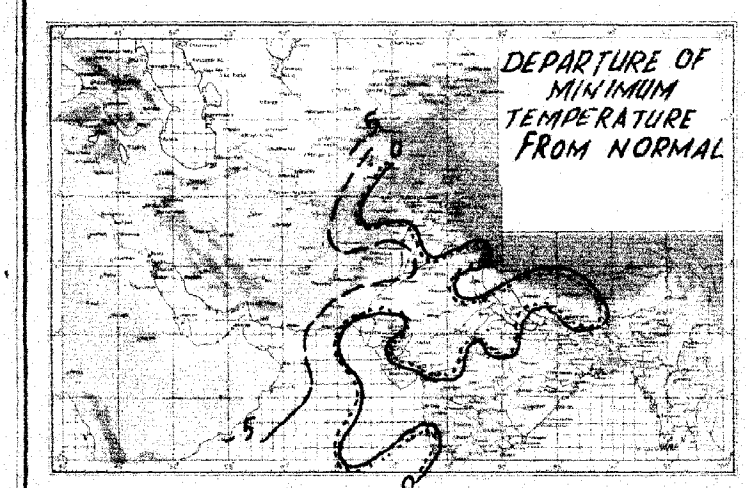
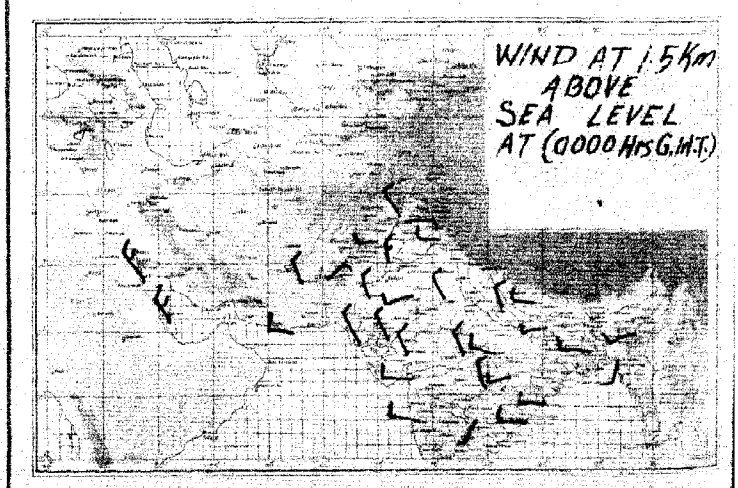
# PAKISTAN DAILY WEATHER MAP

SUNDAY 29th MARCH 1970



# PAKISTAN DAILY WEATHER MAP

MONDAY 30th MARCH 1970