

# Decadal Agromet Bulletin of Pakistan



## Highlights...

- ❖ Maximum amount of rainfall recorded was 0.3 mm at Hunza during the last decade.
- ❖ Highest Maximum temperature recorded was 37.6 °C at Mithi during the last decade.
- ❖ Dry weather was observed over the country during the 2<sup>nd</sup> decade of October 2025.
- ❖ Farmers are advised to complete the sowing of Rabi crops in a timely manner and follow the weather forecast before undertaking any field activities.

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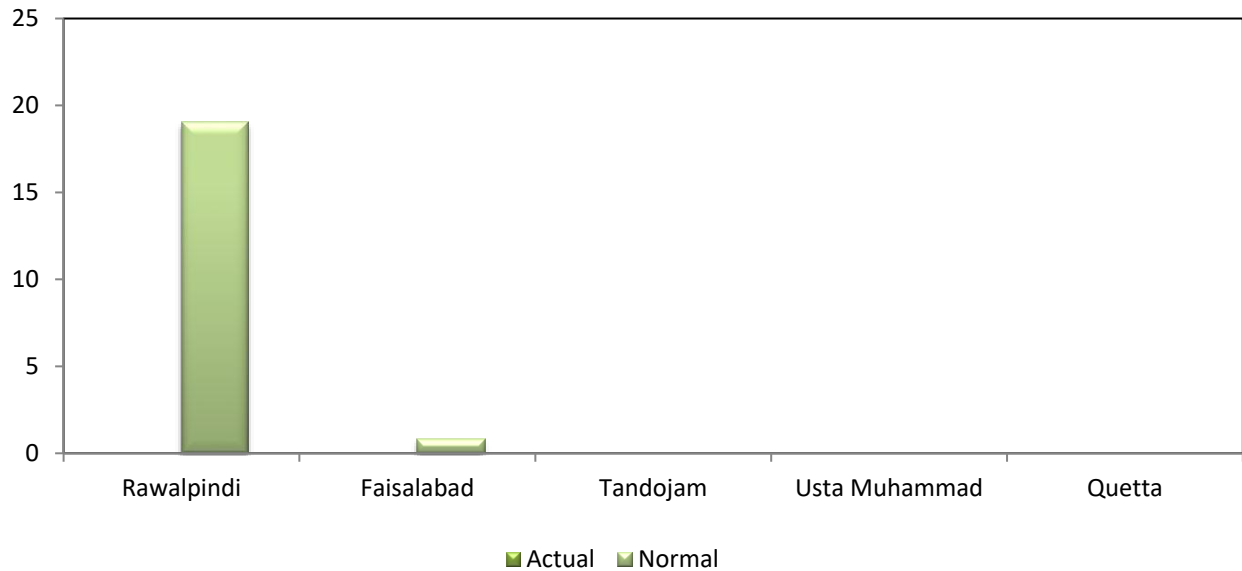
**Meteorological Conditions during 2<sup>nd</sup> Decade of October 2025**

| Sr. No. | Station    | Precipitation (mm) |        |       | Air Temperature (°C) |          |      | Soil Temperatures (°C) |      |      |      |      |       | R.H (%) | Sunshine Duration(hours) | Wind Speed (km/hr) | ETo (mm/day) |
|---------|------------|--------------------|--------|-------|----------------------|----------|------|------------------------|------|------|------|------|-------|---------|--------------------------|--------------------|--------------|
|         |            | Normal             | Actual | Dep   | Tmx Dep              | Tmin Dep | Mean | 5cm                    | 10cm | 20cm | 30cm | 50cm | 100cm |         |                          |                    |              |
| 1       | Rawalpindi | 19.1               | 0.0    | -19.1 | 1.6                  | -1.2     | 23.5 | 24.6                   | 24.1 | 23.8 | 24.0 | 24.8 | 26.2  | 56.0    | 88.9                     | 0.9                | 2.6          |
| 2       | Faisalabad | 0.8                | 0.00   | -0.8  | 0.4                  | 0.8      | 25.9 | 25.6                   | 25.4 | 25.9 | 26.2 | ***  | 29.1  | 58.0    | 90.5                     | 1.4                | 3.1          |
| 3       | Jhelum     | 10.5               | 0.0    | -10.5 | -0.7                 | 0.9      | 25.1 | ***                    | 25.4 | 25.4 | 25.4 | 26.3 | ***   | 65.0    | 94.0                     | 0.4                | 2.8          |
| 4       | Lahore     | 5.6                | 0.0    | -5.6  | 0.3                  | -1.5     | 26.0 | 25.2                   | 25.4 | 25.4 | 25.7 | ***  | 27.8  | 52.0    | 86.8                     | 1.0                | 2.9          |
| 5       | Sargodha   | 4.1                | 0.00   | -4.1  | 0.6                  | 0.0      | 26.5 | 29.4                   | 28.4 | 27.7 | 28.0 | ***  | ***   | 52.7    | 73.5                     | 1.0                | 2.7          |
| 6       | Multan     | 0.4                | 0.00   | -0.4  | -0.7                 | 0.6      | 26.7 | ***                    | ***  | ***  | ***  | ***  | ***   | 47.0    | 94.5                     | 0.6                | 2.9          |
| 7       | Khanpur    | 0.0                | 0.0    | 0.0   | -0.3                 | -1.2     | 26.5 | ***                    | 29.2 | 30.0 | 30.6 | 31.0 | 31.9  | 56.0    | 90.2                     | 2.0                | 3.5          |
| 8       | Tandojam   | 0.0                | 0.0    | 0.0   | 0.1                  | -1.1     | 27.7 | ***                    | 30.2 | ***  | ***  | ***  | 31.2  | 56.0    | 82.2                     | 1.0                | 3.8          |
| 9       | Sakrand    | 0.0                | 0.0    | 0.0   | 0.0                  | 0.5      | 27.9 | 37.4                   | 31.9 | 30.6 | 31.7 | 32.7 | ***   | 47.0    | 94.5                     | 2.2                | 3.4          |
| 11      | Rohri      | 0.0                | 0.0    | 0.0   | -0.5                 | -1.3     | 28.2 | ***                    | ***  | ***  | ***  | ***  | ***   | 44.0    | 92.4                     | 3.2                | 4.1          |
| 12      | D.I Khan   | 1.7                | 0.00   | -1.7  | 1.1                  | 1.1      | 27.1 | 26.3                   | 26.0 | 26.8 | ***  | 16.9 | ***   | 56.0    | 77.4                     | 1.4                | 3.0          |
| 13      | Peshawar   | 5.1                | 0.00   | -5.1  | 1.9                  | 0.1      | 25.0 | 24.7                   | 25.1 | 24.7 | 25.3 | 26.1 | 29.4  | 61.0    | 69.4                     | 2.1                | 2.8          |
| 14      | Usta M.    | 0.0                | 0.0    | 0.0   | -0.5                 | -2.6     | 26.7 | 33.6                   | 31.7 | 31.1 | ***  | ***  | 34.5  | 53.0    | 0.0                      | 1.8                | 3.3          |
| 15      | Quetta     | 0.0                | 0.0    | 0.0   | -0.7                 | 0.6      | 17.8 | 24.0                   | 22.9 | 20.5 | 20.7 | 21.8 | 22.9  | 22.2    | 99.3                     | 4.7                | 3.8          |
| 16      | Skardu     | 2.3                | 0.0    | -2.3  | 1.0                  | -0.6     | 12.1 | ***                    | ***  | ***  | ***  | ***  | ***   | 46.0    | 58.0                     | 0.0                | 1.6          |
| 17      | Gilgit     | 0.9                | 0.0    | -0.9  | 5.8                  | 1.0      | 18.1 | ***                    | ***  | ***  | ***  | ***  | ***   | 44.4    | 89.2                     | 1.1                | 2.3          |

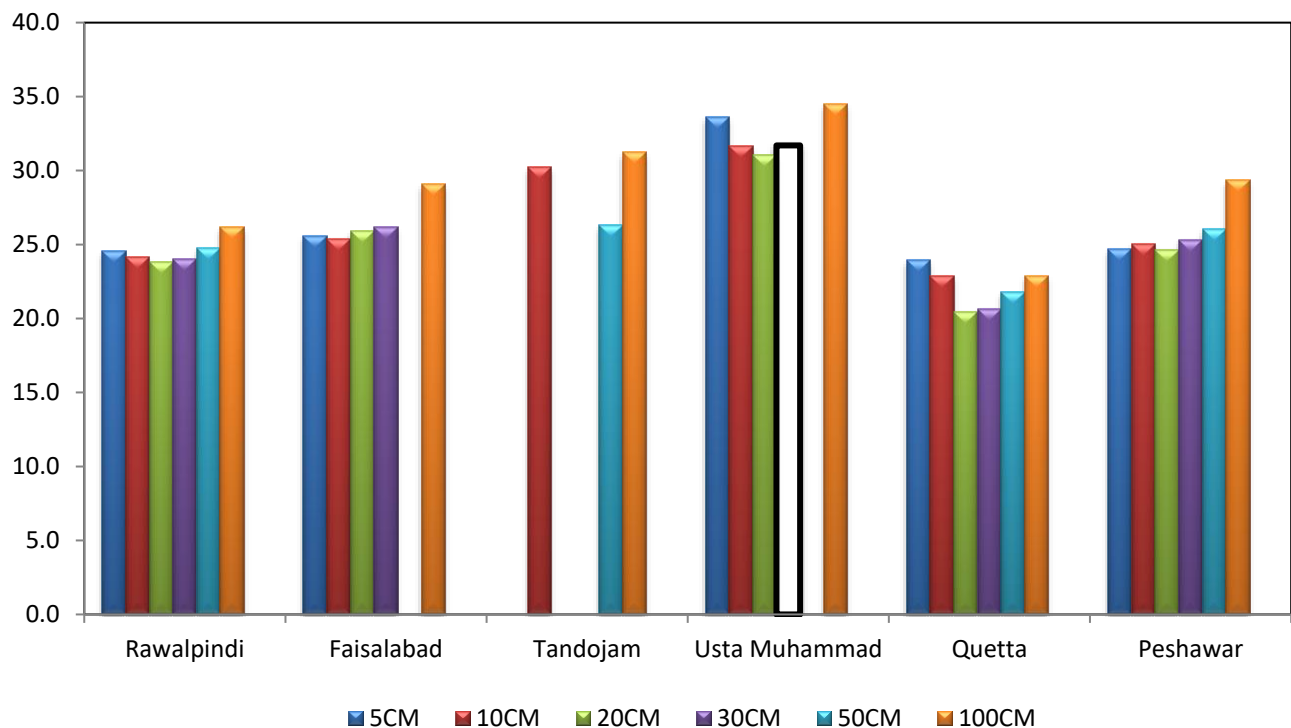
**Table-1:** Meteorological parameters for selected station of Pakistan. “Dep” in the table stands for difference from climatic normal, i.e. actual value minus normal. The climatic normally used in the Bulletin is extracted from the 2007 - 2016 observed data. ‘ETO’ stands for reference crop Evapotranspiration\*\*\* stands for data non-availability.

## Graph at RAMCs during October 2025

### Precipitation(mm) during 2<sup>nd</sup> Decade



### Soil Temperature(°C)



\* Faisalabad 50 cm and Tandojam 5cm Usta Muhammad 30 cm , 50 cm soil temperature data is is not available.

**Past Weather (11<sup>th</sup> to 20<sup>th</sup> October 2025)**

Dry weather prevailed over the country during the second decade of October 2025.

**1.1 Punjab**

Dry weather was observed from the province. The decadal maximum temperature was 0.2°C above normal, while the minimum temperature was -0.3 °C below normal in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 55%, 88.3hrs, 1.0km/hr and 2.9 mm/day respectively.

**1.2 Sindh**

Dry weather prevailed over the province. The decadal maximum and minimum temperatures were observed below normal by -0.1°C and -0.6°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 49%, 89.7 hours, 2.1km/hr, and 3.8 mm/day respectively.

**1.3 Khyber Pakhtunkhwa**

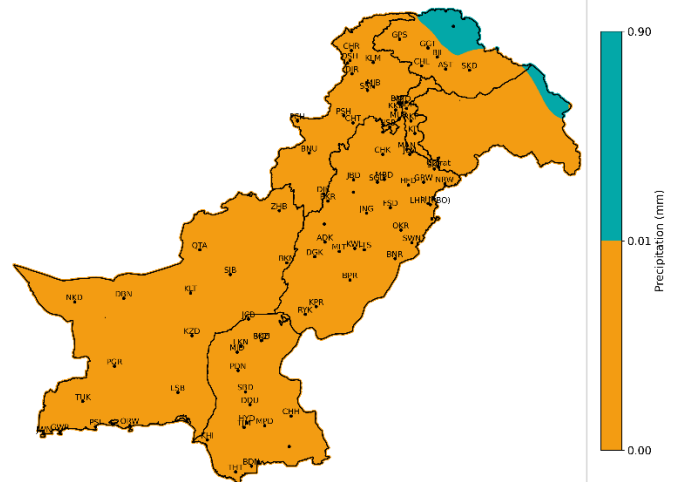
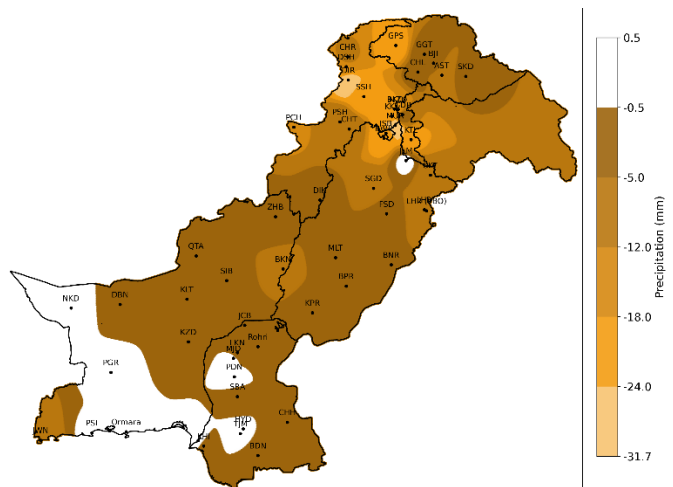
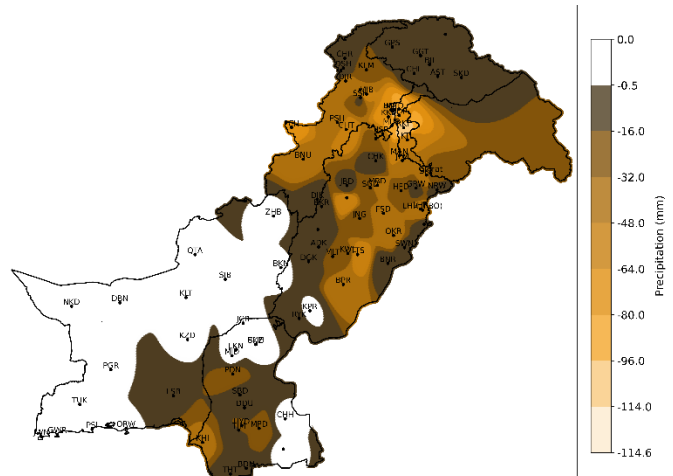
Dry weather was observed from the province. The decadal maximum and minimum temperatures were observed above normal by 1.5°C and 0.6°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 58.8%, 73.4hrs, 1.8km/hr and 2.9 mm/day respectively.

**1.4 Baluchistan**

Dry weather was observed from the province. The decadal maximum and minimum temperatures were observed below normal by -0.6°C and -1.0°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 37.6%, 49.7 hrs, 3.3 km/hr and 3.6 mm/day respectively.

**1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.**

Dry weather was observed from the most parts of Gilgit Baltistan and Azad Jammu & Kashmir. The decadal maximum and minimum temperatures were observed above normal by 3.4°C and 0.2°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 45%, 73.6hrs, 0.6km/hr and 2.9 mm/day respectively.

**I. Actual rainfall****II. Departure of rainfall from Normal****III. Departure of rainfall from Previous Decade****Figure.1: Rainfall distribution during previous decade (mm)**

(a) **Past Weather for Major Agricultural Plains  
(11<sup>th</sup> to 20<sup>th</sup> October 2025))**

**2.1 RAMC, Rawalpindi (Pothohar region)**

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 day. Average relative humidity recorded as 56%. Mean day temperature was 32.2°C while night temperature was recorded as 14.7°C with 88.9 hours of bright sunshine duration. Wind speed recorded as 0.9 km/hr with mean wind direction *South Westerly*.

**2.2 RAMC, Faisalabad (Central Punjab)**

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 day. Average relative humidity recorded as 58%. Mean day temperature was 33.5°C while night temperature recorded as 18.2°C with 90.5 hours bright sunshine duration. Wind speed recorded as 1.4km/hr with mean wind direction *Westerly*.

**Cotton:** *Very good, First Picking Completed.*

**2.3 RAMC, Tandojam (Lower Sindh)**

Dry weather with clear skies was observed during the decade. Average relative humidity was recorded as 56%. Mean day temperature was 36.5°C while night temperature recorded as 18.8°C with 82.2 hours bright sunshine duration. Mean wind direction *South-south Westerly*.

*Land is being prepared for the next crop.*

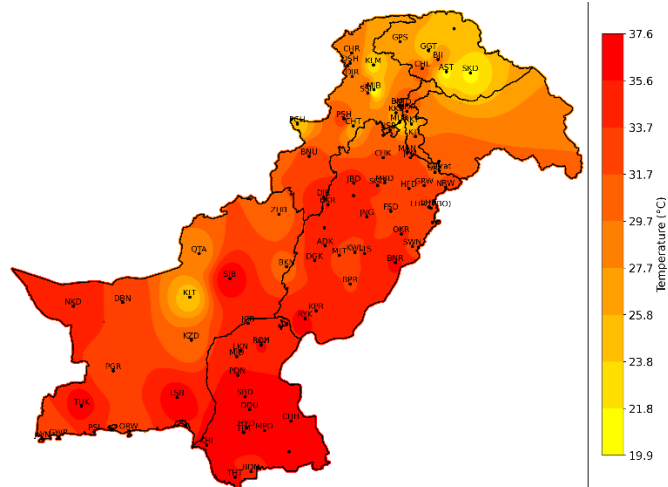
**2.4 RAMC, Usta Muhammad (Eastern Baluchistan)**

Dry weather with clear skies was observed during the decade. Average relative humidity recorded as 53%. Mean day temperature was 34.2°C while night temperature was recorded as 19.2°C. Wind speed was recorded as 1.8 km/hr with mean wind direction *South Easterly*.

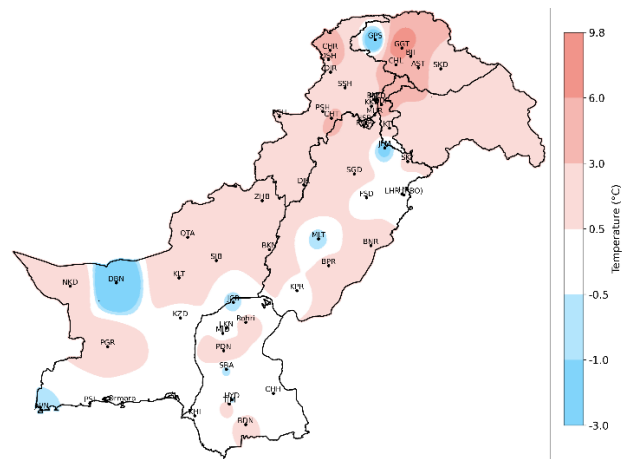
**Rice:** *Good, Milk Maturity.*

**2.5 RAMC, Quetta (Northern Baluchistan)**

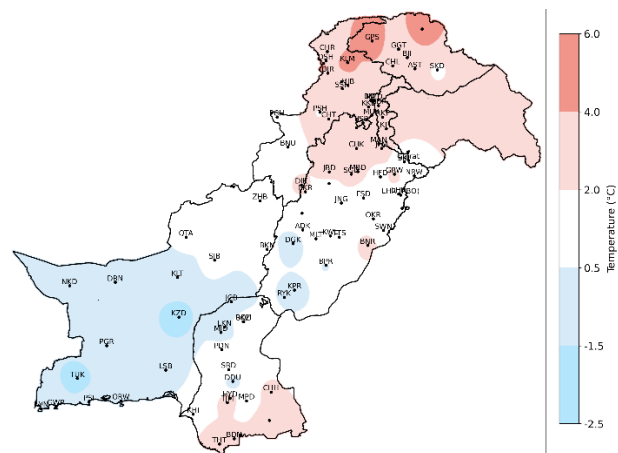
Dry weather with clear skies was observed during the decade. Average relative humidity recorded as 22%. Mean day temperature was 26.6°C while night temperature recorded as 8.9°C with 99.3 hours bright sunshine duration. Wind speed recorded as 4.7km/hr with mean wind direction *North Westerly*.



IV. Actual max-temperature



V. Departure of max-temperature from Normal



VI. Departure of max-temperature from Previous Decade

Figure.2: Maximum Temperature distribution during previous decade (°C)

## 2(b) Past Weather or Sub-Regional Agricultural Plains (11<sup>th</sup> to 20<sup>th</sup> October 2025))

### 2.6 Jhelum

Dry weather with clear skies was observed during the decade. Average relative humidity recorded as 65%. Mean day temperature was 31.9°C while night temperature was recorded as 18.2°C with 94.0 hours bright sunshine duration. Wind speed recorded as 0.4 km/hr with mean wind direction *South Easterly*.

### 2.7 Lahore

Dry weather with clear skies was observed during the decade. Average relative humidity recorded as 52%. Mean day temperature was 32.3°C while night temperature recorded as 19.6°C with 86.8 hours bright sunshine duration. Wind speed recorded as 1.0 km/hr with mean wind direction *Westerly*.

### 2.8 Sargodha

Dry weather with clear skies was observed during the decade. Average relative humidity recorded as 53%. Mean day temperature was 33.8°C while night temperature recorded as 19.1°C with 73.5 hours bright sunshine duration. Wind speed recorded as 1.0 km/hr with mean wind direction *Variable*.

**Cotton:** Normal, 4<sup>th</sup> picking done.

### 2.9 Multan

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 day. Average relative humidity recorded as 49%. Mean day temperature was 33.6°C while night temperature recorded as 20.8°C with 75.9 hours bright sunshine duration. Wind speed recorded as 0.6 km/hr with mean wind direction *South Westerly*.

### 2.10 Khanpur

Dry weather with clear skies was observed during the decade. Average relative humidity recorded as 56%. Mean day temperature was 34.9°C while night temperature recorded as 18.1°C with 90.2 hours bright sunshine duration. Wind direction is *South Westerly*.

### 2.11 Sakrand

Dry weather with clear skies was observed during the decade. Average relative humidity recorded as 67%. Mean day temperature was 36.0°C while night temperature recorded as 19.8°C with 94.5 hours bright sunshine duration. Wind speed recorded as 2.2 km/hr with mean wind direction *Southerly*.

**Cotton (CRIS-682):** Good, picking.

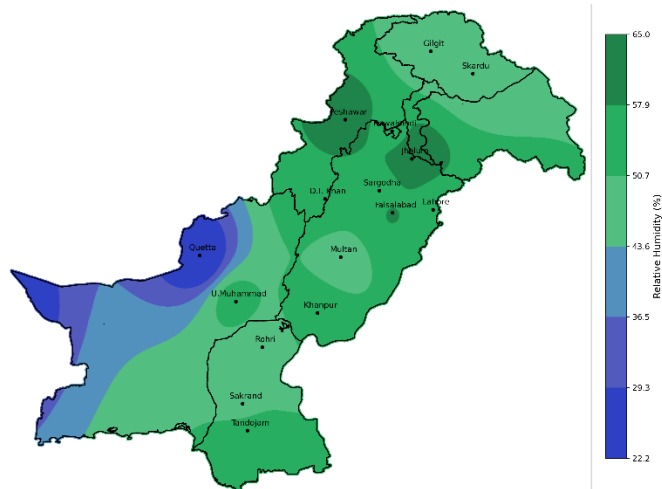


Figure.3: Relative Humidity in Percentage (%)

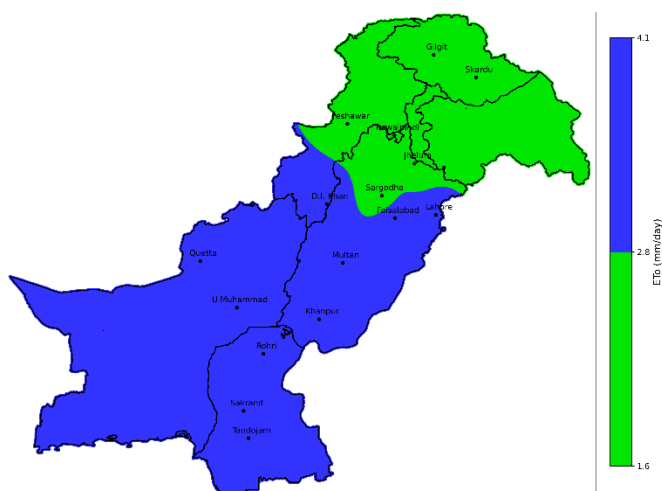


Figure.4: Reference Crop Evapotranspiration ET0 (mm/day)

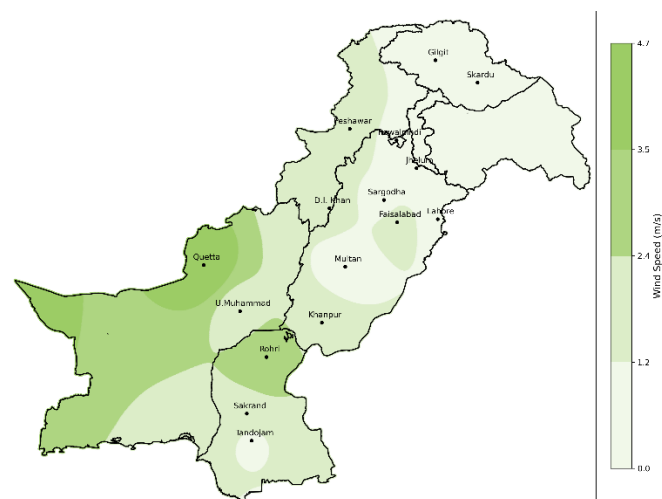


Figure 5: Wind Speed in kilometer per hour (km/h)

**2.12 Rohri**

Wind speed recorded as 0.6 m/hr with mean wind direction *South Westerly*. Average relative humidity recorded as 44%. Mean day temperature was 35.7°C while night temperature recorded as 20.8°C with 92.4 hours bright sunshine duration. Wind speed recorded as 3.2 km/hr with mean wind direction as *variable*.

**Cotton:** Good, 3<sup>rd</sup> Picking.

**2.13 D.I. Khan**

Wind speed recorded as 0.6 m/hr with mean wind direction *South Westerly*. Average relative humidity recorded as 56%. Mean day temperature was 34.9°C while night temperature recorded as 19.2°C with 77.4 hours bright sunshine duration. Wind speed recorded as 1.4 km/hr with mean wind direction as *South Easterly*.

**2.14 Peshawar**

Dry weather was observed during the decade; however, weather remained partially cloudy for 02 days. Average relative humidity recorded as 61%. Mean day temperature was 32.6°C while night temperature recorded as 17.3°C with 69.4 hours bright sunshine duration. Wind speed recorded as 2.1 km/hr with mean wind direction as *North-north Easterly*.

**2.15 Skardu**

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 day. Average relative humidity recorded as 46%. Mean day temperature was 21.5°C while night temperature recorded as 2.7 °C with 58.0 hours bright sunshine duration. Wind direction reported as *Calm*.

**2.16 Gilgit**

Dry weather was observed during the decade; however, weather remained partially cloudy for 06 days. Average relative humidity recorded as 44%. Mean day temperature was 29.3°C while night temperature recorded as 6.8°C with 89.2 hours bright sunshine duration. Wind speed recorded as 1.1km/hr with mean wind direction as *South Easterly*.

### **Eleven Days Weather Advisory for Farmers** **(21<sup>st</sup> to 31<sup>st</sup> October 2025)**

**3.1 Temperature Forecast**

Normal mean temperature is likely over most parts of the county.

**3.2 Wind Forecast**

Generally, normal wind patterns may prevail in most of the agricultural plains of the country.

**3.3 Rain Forecast****❖ Punjab:**

Dry weather is expected in the province. Smog is likely in eastern districts of the Punjab.

**❖ Khyber Pakhtunkhwa:**

Partly cloudy weather is expected in most parts of the province while light rain may occur at a few places in Upper Khyber Pakhtunkhwa during the decade.

**❖ Sindh:**

Dry weather is expected in the province during the decade.

**❖ Baluchistan:**

Dry weather is expected in the province during the decade.

**❖ Gilgit-Baltistan:**

Partly cloudy weather is expected in most parts of the province while light rain may occur at some places in the province during the decade. Cold weather is also expected over the hilly areas during the night hours.

**❖ Kashmir:**

Partly cloudy weather is expected in most parts of the province while light rain may occur at some isolated locations during the decade. Cold weather is also expected over the hilly areas during the night hours.

**3.4 Advisory for Farmers**

Farmers are advised to complete the sowing of Rabi crops in a timely manner and follow the weather forecast before undertaking any field activities.