

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Hot and dry weather prevailed, while very hot in plain areas, whereas light to moderate rainfall was reported from Punjab, Khyber Pakhtunkhwa, central & southeast Sindh and light rainfall from north Baluchistan, Gilgit Baltistan and Kashmir
- ❖ Highest amount of rainfall recorded was 48 mm at Narowal during the last decade.
- ❖ Highest Maximum temperature recorded was 50.5 °C at Jacobabad during the last decade.
- ❖ Hot and humid weather is likely in most parts of the country. However, rain-wind/thundershower is expected Punjab in Khyber Pakhtunkhwa during the decade and in Sindh, Balochistan, Gilgit-Baltistan and Kashmir during second half of the decade.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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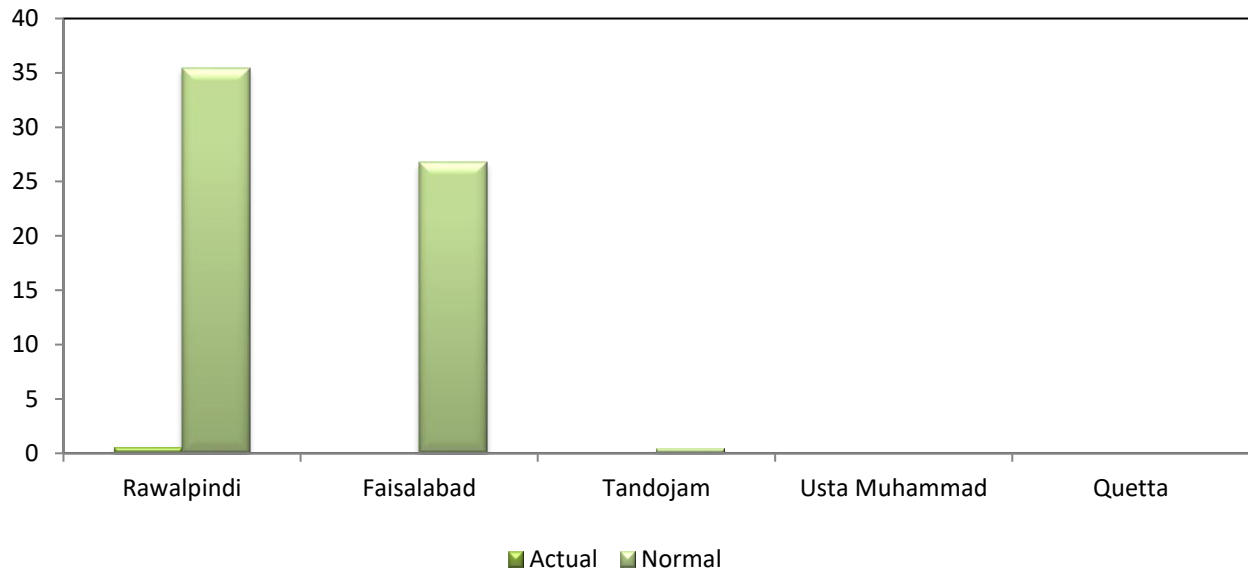
Meteorological Conditions during 2nd Decade of June 2025

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	35.4	0.6	-34.8	4.7	3.6	34.4	35.7	34.3	32.4	31.6	31.0	28.9	37.9	86.4	3.3	6.1
2	Faisalabad	26.8	0.0	-26.8	2.5	3.5	35.5	40.9	39.6	37.1	38.3	***	35.3	44.0	91.2	4.4	6.6
3	Jhelum	28.2	0.0	-28.2	4.1	2.3	36.0	41.2	39.5	38.4	37.2	36.5	***	36.9	74.4	3.5	6.1
4	Lahore	34.5	0.0	-34.5	2.1	1.1	34.8	35.4	35.0	34.0	33.5	***	30.8	42.0	55.5	28.0	12.2
5	Sargodha	18.3	0.0	-18.3	4.2	2.9	37.1	41.6	39.8	38.0	37.2	***	***	36.0	72.7	4.1	6.3
6	Multan	4.0	0.0	-4.0	0.8	0.0	35.6	***	***	***	***	***	***	46.0	96.3	6.7	7.6
7	Khanpur	2.4	0.0	-2.4	-0.1	1.7	35.8	***	37.6	37.8	37.6	37.4	35.2	50.0	71.6	***	7.0
8	Tandojam	0.4	0.0	-0.4	1.4	1.1	34.3	***	39.0	***	35.9	***	34.0	57.0	74.3	9.7	7.2
9	Sakrand	0.0	0.0	0.0	1.5	2.0	36.2	46.3	41.6	38.5	38.7	38.1	***	46.0	96.3	6.3	7.5
11	Rohri	2.6	0.0	-2.6	1.5	0.7	37.4	***	***	***	***	***	***	42.4	99.8	5.6	7.7
12	D.I Khan	15.0	0.0	-15.0	3.2	3.8	36.4	39.4	38.6	37.9	***	24.9	***	38.0	80.4	4.3	6.6
13	Peshawar	7.9	0.0	-7.9	4.1	1.0	34.8	37.6	35.4	33.7	32.5	30.9	31.1	38.0	85.0	5.8	7.2
14	Usta M.	0.0	0.0	0.0	-0.9	1.1	37.3	40.3	40.8	39.6	***	***	38.0	40.0	0.0	5.1	6.3
15	Quetta	0.0	0.0	0.0	0.9	1.2	27.8	37.3	35.3	30.5	29.4	29.0	26.4	19.8	104.1	5.4	6.7
16	Skardu	2.8	2.2	-0.6	0.8	-4.6	19.8	***	***	***	***	***	***	34.0	73.4	1.2	4.0
17	Gilgit	3.2	0.7	-2.5	0.3	4.2	27.0	***	***	***	***	***	***	33.6	63.2	5.3	5.7

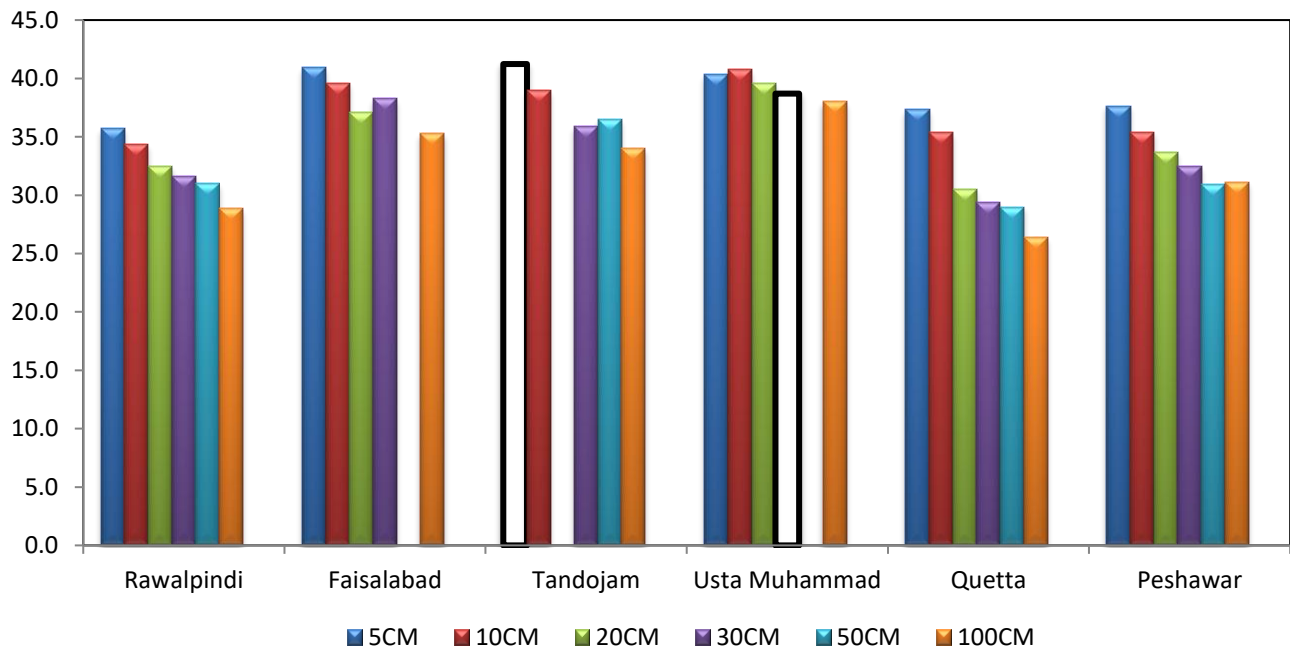
Table-1: Meteorological parameters for selected station of Pakistan. “Dep” in the table stands for difference from climatic normal, i.e. actual value minus normal. The climatic normally used in the Bulletin is extracted from the 2007 - 2016 observed data. ‘ETO’ stands for reference crop Evapotranspiration***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

Graph at RAMCs during June 2025

Precipitation(mm) during 2nd 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 (11th to 20th June 2025)

Hot and dry weather prevailed, while very hot in plain areas, whereas light to moderate rainfall was reported from Punjab, Khyber Pakhtunkhwa, central & southeast Sindh, Kashmir, north Baluchistan and light rainfall from Gilgit Baltistan.

1.1 Punjab

Very hot and dry weather prevailed, whereas light to moderate rainfall was reported from the province. The decadal maximum and minimum temperatures were observed above normal by 2.2°C and below normal -2.5°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 41%, 78.3hrs, 8.3km/hr and 7.4 mm/day respectively.

1.2 Sindh

Very hot and dry weather prevailed, whereas light to moderate rainfall was reported from central & southeastern areas of the province. The decadal maximum temperature was observed above normal by 1.4°C and minimum temperature slightly above normal by 1.2°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 48.4%, 90.1 hours, 7.2km/hr, and 7.4 mm/day respectively.

1.3 Khyber Pakhtunkhwa

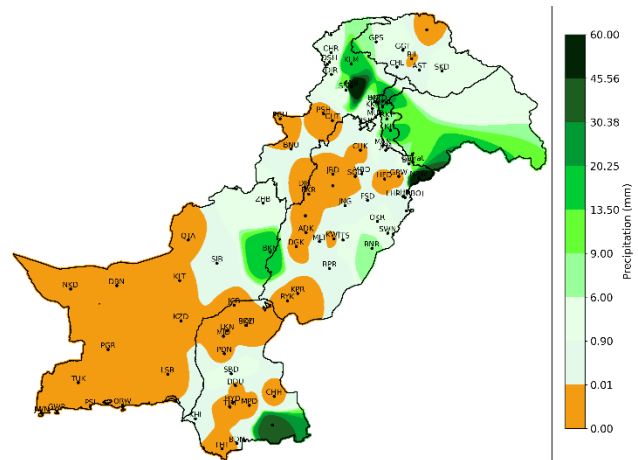
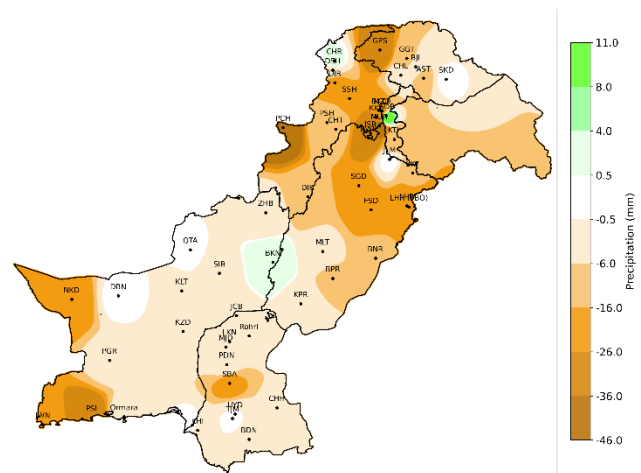
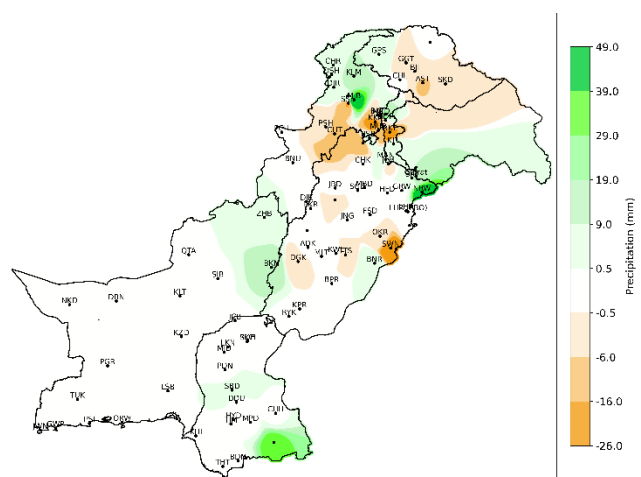
Very hot and dry weather prevailed, whereas light to moderate rainfall was reported from the province. The decadal maximum and minimum temperatures were observed above normal by 3.6°C and below normal 2.3°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 38%, 82.7hrs, 5.05km/hr and 6.9 mm/day respectively.

1.4 Baluchistan

Hot and dry weather prevailed, while very hot in southern areas, whereas light rainfall was reported from northern areas of the province. The decadal maximum and minimum temperatures were observed below normal by 0.2°C and above normal by 1.3°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 30%, 52.05hrs, 5.25km/hr and 6.5mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

Light rainfall was reported from Gilgit-Baltistan and Azad Jammu & Kashmir. The decadal maximum temperature was observed below normal by 0.5°C and minimum temperature below -0.1 in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 33.8%, 68.3hrs, 3.25km/hr and 4.85mm/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**
(11th to 20th June 2025)

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 0.6mm during the decade; however, weather remained partially cloudy for 08 days. Average relative humidity recorded as 38%. Mean day temperature was 42°C while night temperature recorded as 26.7°C with 86.4 hours bright sunshine duration. Wind speed recorded as 3.3km/hr with mean wind direction *South Westerly*.
No crop reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Hot and dry weather was reported during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 44%. Mean day temperature was 41.6°C while night temperature recorded as 21.4°C with 91.2 hours bright sunshine duration. Wind speed recorded as 4.4km/hr with mean wind direction *South Easterly*.
Cotton: *Very good, Third leaf completed.*

2.3 RAMC, Tandojam (Lower Sindh)

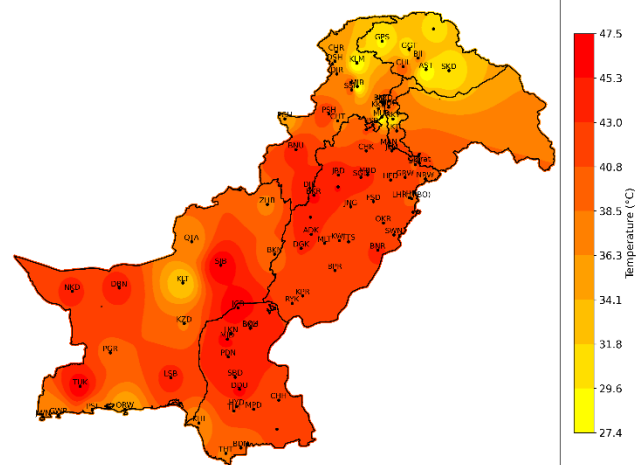
Hot and dry weather was observed during the decade; however, weather remained partially cloudy for 04 days. Average relative humidity recorded as 57%. Mean day temperature was 40.8°C while night temperature recorded as 27.7°C with 74.3 hours bright sunshine duration. Wind speed recorded as 9.7 km/hr with mean wind direction *South South Westerly*.
Cotton (CRIS-682): *Good, Third true Leaf.*

2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

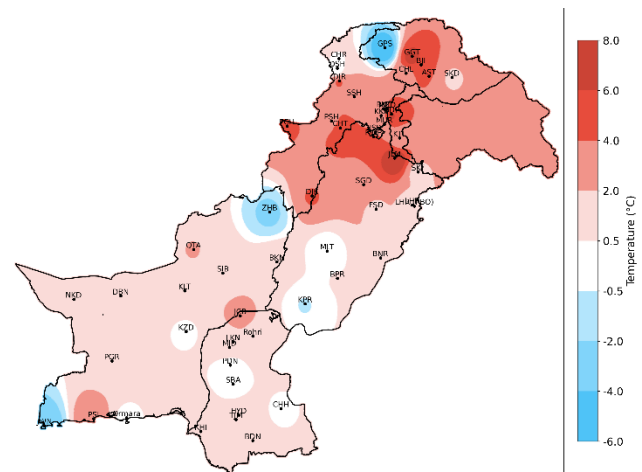
Hot and dry weather was observed during the decade; however, weather remained partially cloudy for 03 days. Average relative humidity recorded as 40%. Mean day temperature was 45.6°C while night temperature recorded as 29.0°C. Wind speed recorded as 5.1 km/hr with mean wind direction *South Easterly*.
No crop reported from the station.

2.5 RAMC, Quetta (Northern Baluchistan)

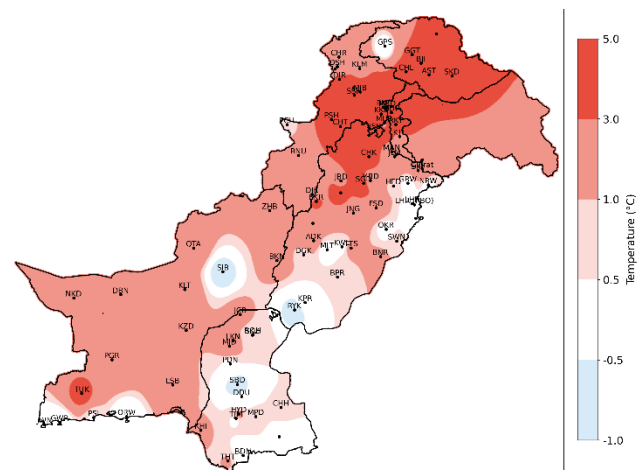
Dry weather was observed during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 19.8%. Mean day temperature was 35.5°C while night temperature recorded as 20.1°C with 104.1 hours bright sunshine duration. Wind speed recorded as 5.4 km/hr with 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 (11th to 20th June 2025)

2.6 Jhelum

Hot and dry weather was reported during the decade; weather remained partially cloudy for 06 days. Average relative humidity recorded as 36.9%. Mean day temperature was 43°C while night temperature recorded as 28.9°C with 74.4 hours bright sunshine duration. Wind speed recorded as 3.5 km/hr with mean wind direction *South Easterly*

2.7 Lahore

Very hot and dry weather was reported during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 42%. Mean day temperature was 40.5°C while night temperature recorded as 29.1°C with 55.5 hours bright sunshine duration. Wind speed recorded as 28.0 km/hr with mean wind direction *variable*.

2.8 Sargodha

Hot and dry weather was reported during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 36%. Mean day temperature was 44.1°C while night temperature recorded as 30°C with 72.7 hours bright sunshine duration. Wind speed recorded as 4.1 km/hr with mean wind direction *variable*.

2.9 Multan

Very hot and dry weather was reported during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 39%. Mean day temperature was 42.3°C while night temperature recorded as 31°C with 70.8 hours bright sunshine duration. Wind speed recorded as 6.7 km/hr with mean wind direction *Southerly*.

2.10 Khanpur

Hot and dry weather was reported during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 50%. Mean day temperature was 41.9°C while night temperature recorded as 29.7°C with 71.6 hours bright sunshine duration with mean wind direction *variable*.

2.11 Sakrand

Hot and dry weather was reported during the decade; however, weather remained partially cloudy for 03 day. Average relative humidity recorded as 46%. Mean day temperature was 43.4°C while night temperature recorded as 28.9°C with 96.3 hours bright sunshine duration. Wind speed recorded as 6.3 km/hr with mean direction *South Easterly*.

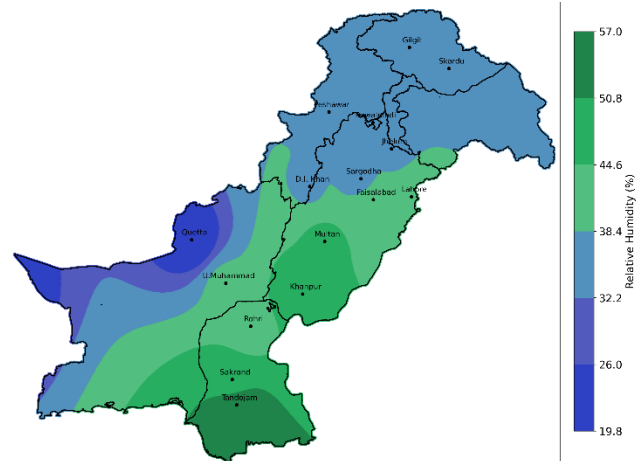


Figure.3: Relative Humidity in Percentage (%)

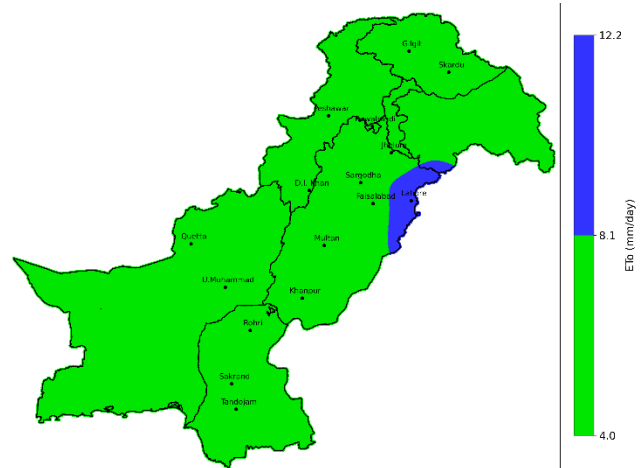


Figure.4: Reference Crop Evapotranspiration ETO (mm/day)



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

2.12 Rohri

Very hot and dry weather was reported during the decade; however, weather remained partially cloudy for 02 days. Average relative humidity recorded as 42.4%. Mean day temperature was 44.7°C while night temperature recorded as 30.1°C with 99.8 hours bright sunshine duration. Wind speed recorded as 5.6 km/hr with mean wind direction as *South Easterly*.

2.13 D.I. Khan

Very hot and dry weather was reported during the decade; however, weather remained partially cloudy for 02 days. Average relative humidity recorded as 38%. Mean day temperature was 43.6°C while night temperature recorded as 29.2°C with 80.4 hours bright sunshine duration. Wind speed recorded as 4.3 km/hr with mean wind direction as *South Easterly*.

2.14 Peshawar

Hot and dry weather was reported during the decade; however, weather remained partially cloudy for 06 days. Average relative humidity recorded as 38%. Mean day temperature was 42.9°C while night temperature recorded as 26.7°C with 85 hours bright sunshine duration. Wind speed recorded as 5.8 km/hr with mean wind direction as *North North Westerly*.

2.15 Skardu

Rain was reported as 2.20mm during the decade; however, weather remained partially cloudy for 03 days. Average relative humidity recorded as 34%. Mean day temperature was 30.4°C while night temperature recorded as 9.1 °C with 73.4 hours bright sunshine duration. Wind speed recorded as 1.2 km/hr with mean wind direction as *North Westerly*.

2.16 Gilgit

Rain was reported as 0.70 mm during the decade; however, weather remained partially cloudy for 9 days. Average relative humidity recorded as 33.6%. Mean day temperature was 35.0°C while night temperature recorded as 19.0°C with 63.2 hours bright sunshine duration. Wind speed recorded as 5.3 km/hr with mean wind direction as *South Easterly*.

Eight Days Weather Advisory for Farmers (21st to 30th June 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:**

- ❖ Mainly hot and humid weather is expected in most parts; however, rain/wind-thunderstorm is likely in the province during the decade.

Khyber Pakhtunkhwa:

- ❖ Mainly hot and humid weather is expected in most parts; however, rain/wind-thunderstorm is likely in the province during the decade.

❖ **Sindh:**

- ❖ Mainly hot and humid weather is expected in most parts; however, rain/wind-thunderstorm is likely in the province during second half of the decade.

❖ **Baluchistan:**

- ❖ Mainly hot and humid weather is expected in most parts; however, rain/wind-thunderstorm is likely in the province during second half of the decade.

❖ **Gilgit-Baltistan:**

Mainly dry weather is expected, while rain/wind-thunderstorm is likely in Gilgit Baltistan during second half of the decade.

❖ **Kashmir:**

Mainly dry weather is expected, while rain/wind-thunderstorm is likely in Kashmir during second half of the decade.

3.4 Advisory for Farmers

Farmers are advised to follow the weather forecast to proceed for any field activity.