

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Mainly moderate to high rainfall was received eastern parts of the country. However, light rainfall was also received in northern and western parts of the country.
- ❖ Highest amount of rainfall recorded was 241.5 mm at Islamabad during the last decade.
- ❖ Highest Maximum temperature recorded was 47 °C at Jacobabad during the last decade.
- ❖ Mainly hot and humid weather is expected. However, rain-wind/thundershower is likely in the country during the decade. Heavy falls may also occur during the period.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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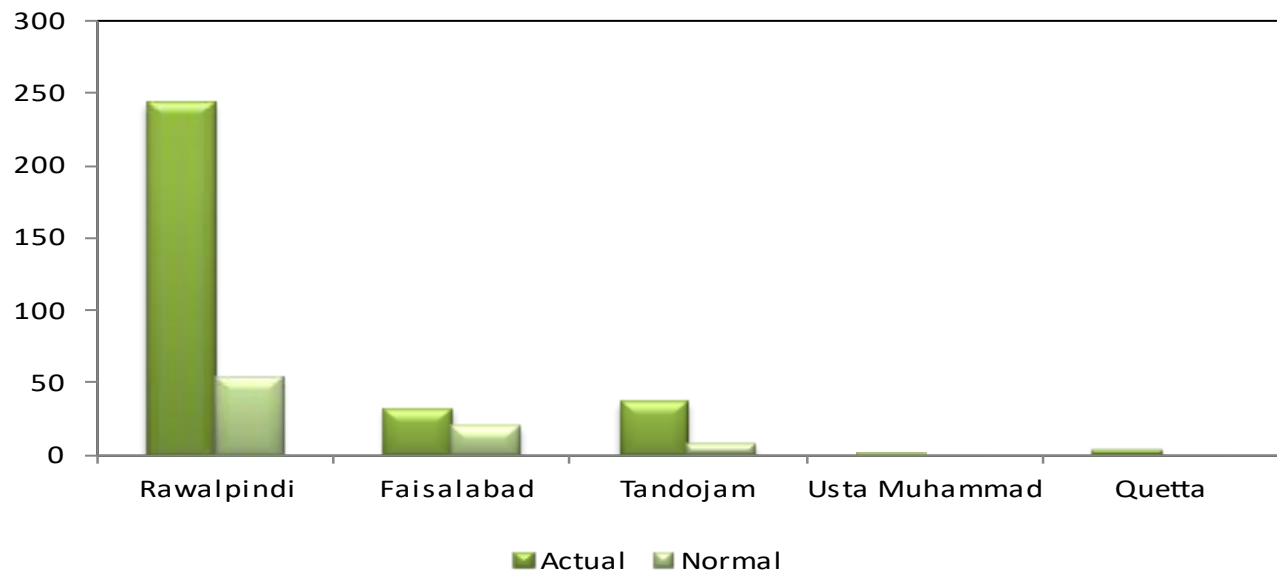
Meteorological Conditions during 3rd Decade of June 2025

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	53.5	243.1	189.6	-1.4	-0.2	30	32.1	31.4	30.9	30.7	30.7	29.5	69	43.2	3.3	4.2
2	Faisalabad	19.5	31.2	11.7	-1.2	1.8	33.3	38.1	37.3	36.8	36.6	***	35.7	66	47.5	4.6	4.9
3	Jhelum	41.5	72.4	30.9	-3.1	0.7	31.5	35.1	34.3	34.2	33.9	34.2	***	72	28.1	5.4	4.1
4	Lahore	22.3	46.4	24.1	-1.8	-1	31.5	32.7	32.7	32.7	32.8	***	31	72	8	2.4	3.1
5	Sargodha	32.8	49.8	17	-2.4	0.7	33.3	37.1	36.2	35.8	35.5	***	***	64	43.5	3.9	4.7
6	Multan	10.2	0.01	-10.2	-0.5	-0.8	34.8	***	***	***	***	***	***	60	76.3	9.9	7.1
7	Khanpur	5	47.9	42.9	-1	1	35.3	***	37.9	38	38	37.7	35.5	60	76.8	**	10
8	Tandojam	7.1	36	29	-2.1	0.6	31.8	***	35.9	***	34.4	***	33.5	71	51.9	10.9	5.5
9	Sakrand	17	32	15	-3	1.9	34	44.2	39.3	37.7	37.5	37.6	***	60	76.3	8	6.5
11	Rohri	0	17	17	-0.2	-1.5	35	***	***	***	***	***	***	52.6	77	6.6	6.8
12	D.I Khan	7.7	0.01	-7.6	0.1	3.5	35.1	39.8	39.4	38.7	***	25.6	***	56	32.9	5.4	5.1
13	Peshawar	12.8	4.4	-8.4	-1.6	0.4	32.7	33.3	33	32.4	31.7	31.2	31.6	64	38.7	4.5	4.6
14	Usta M.	0	0	0	-0.9	0.9	37	40.4	40.9	40.6	***	***	39	58	0	5.7	7.3
15	Quetta	0	2.8	2.8	0.3	1.3	29	38.1	36.3	32.2	31	30.5	27.7	35.5	68.2	5.4	5.9
16	Skardu	4	0	-4	3.3	3.4	25.8	***	***	***	***	***	***	33	89.8	1.1	4.7
17	Gilgit	6.8	0.1	-6.7	4.9	6.2	30.7	***	***	***	***	***	***	34.4	81.8	4.1	6

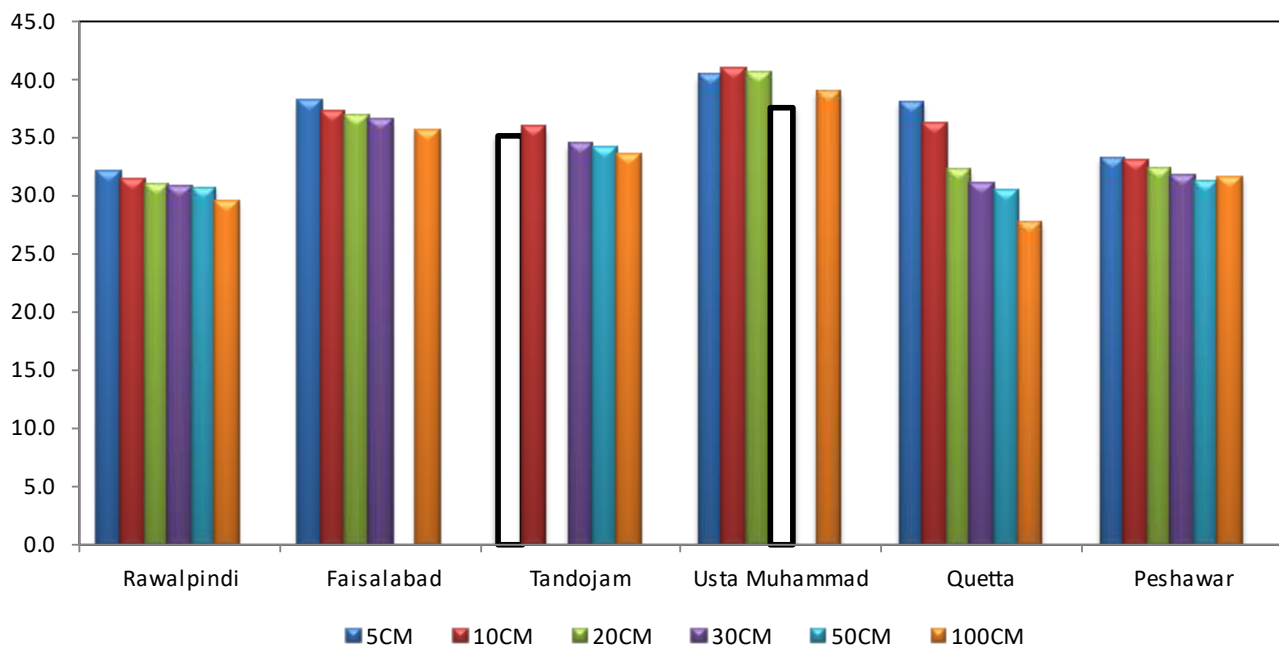
Table-1: Meteorological parameters for selected station of Pakistan. “Dep” in the table stands for difference from climatic normal, i.e. actual value minus normal. The climatic normally used in the Bulletin is extracted from the 2007 - 2016 observed data. ‘ETO’ stands for reference crop Evapotranspiration***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

Graph at RAMCs during June 2025

Precipitation(mm) during 3rd 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 (21st to 30th June 2025)

Mainly hot and humid weather is expected. However, rain-wind/thundershowers are likely in the country during the decade. Heavy falls may also occur during the period.

1.1 Punjab

Heavy rainfall was reported from the province. The decadal maximum and minimum temperatures were observed above normal by 0.3°C and below normal -1.6°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 66.1%, 46.2hrs, 4.9km/hr and 5.4 mm/day respectively.

1.2 Sindh

Light to moderate rainfall was reported from the province. The decadal maximum temperature was observed above normal by 0.3°C and minimum temperature below normal by -1.8°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 61.2%, 68.4 hours, 8.5km/hr, and 6.3 mm/day respectively.

1.3 Khyber Pakhtunkhwa

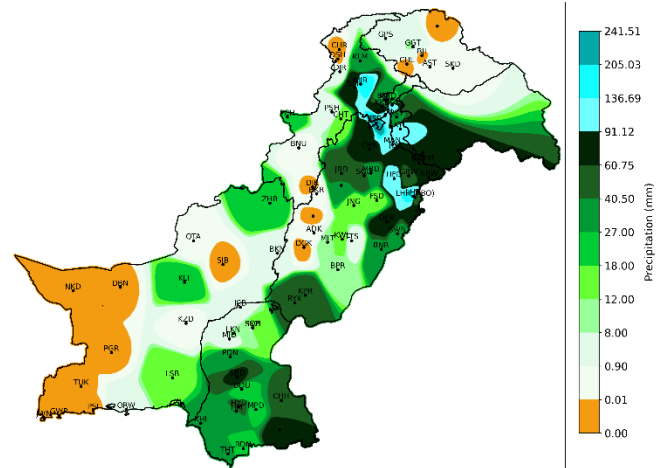
Light rainfall was reported from the province. The decadal maximum and minimum temperatures were observed above normal by 1.9°C and below normal -0.7°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 60%, 35.8hrs, 5.0km/hr and 6.6mm/day respectively.

1.4 Baluchistan

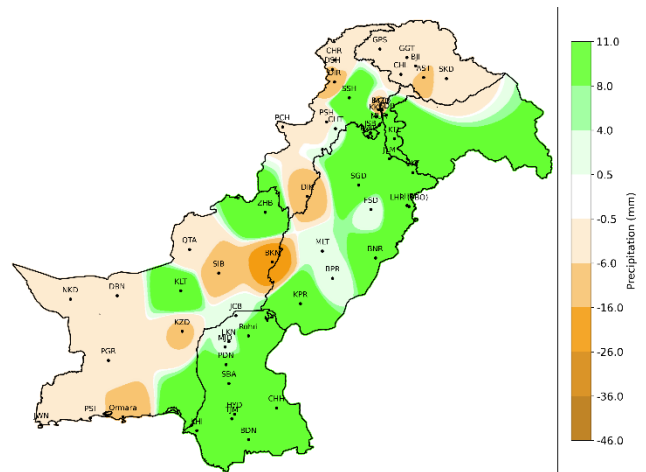
Light rainfall was reported from the province. The decadal maximum and minimum temperatures were observed above normal by 1.1°C and below normal by -0.3°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 46.8%, 34.1hrs, 5.6km/hr and 6.6mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

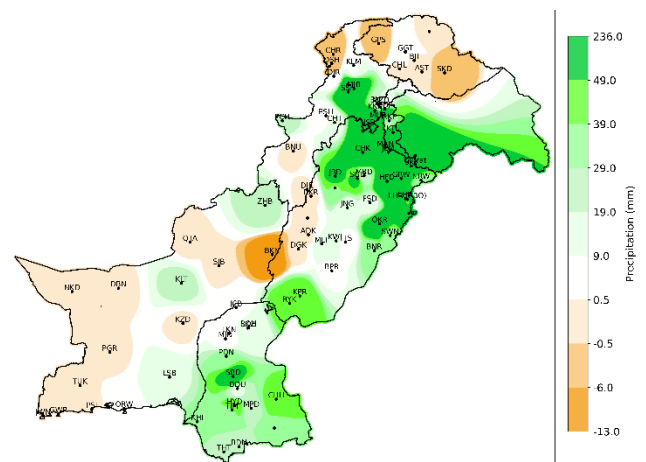
Light rainfall was reported from the province. The decadal maximum temperature was observed above normal by 4.8°C and minimum temperature above normal 4.1 in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 34%, 85.8hrs, 2.6km/hr and 5.4mm/day respectively.



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**
(21st to 30th June 2025)

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 243.1mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 69%. Mean day temperature was 34°C while night temperature recorded as 24°C with 43.2 hours bright sunshine duration. Wind speed recorded as 3.3km/hr with mean wind direction *Variable*.

No crop reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Rain was reported 31.2mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 66%. Mean day temperature was 37.8°C while night temperature recorded as 28.8°C with 47.5 hours bright sunshine duration. Wind speed recorded as 4.6km/hr with mean wind direction *Easterly*.

Cotton: *Very good, Budding completed.*

2.3 RAMC, Tandojam (Lower Sindh)

Rain was reported 36.0mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 71%. Mean day temperature was 36.1°C while night temperature recorded as 27.5°C with 51.9 hours bright sunshine duration. Wind speed recorded as 10.9 km/hr with mean wind direction *South South Westerly*.

Cotton (CRIS-682): *Good, Budding Completed.*

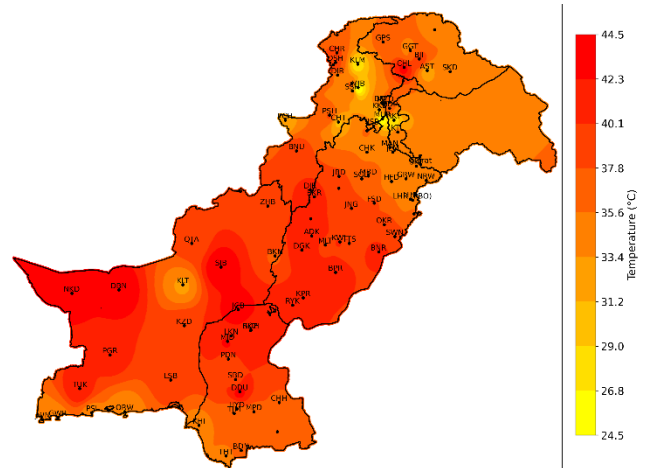
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Rain was reported 0.01mm (Trace) during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 58%. Mean day temperature was 44°C while night temperature recorded as 29.9°C. Wind speed recorded as 5.7 km/hr with mean wind direction *South Easterly*.

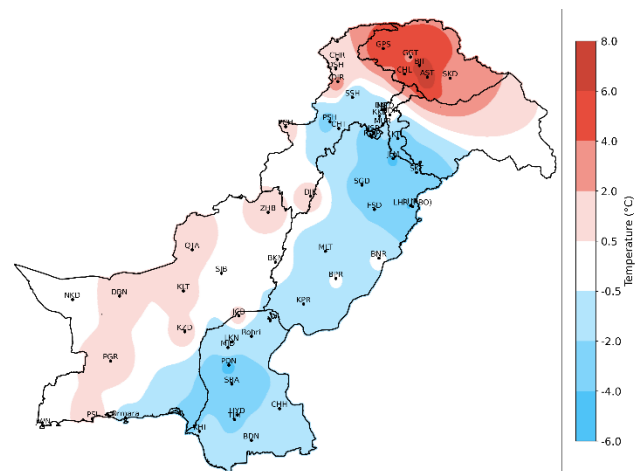
Rice: *Good, Field Preparing for rice pinevy..*

2.5 RAMC, Quetta (Northern Baluchistan)

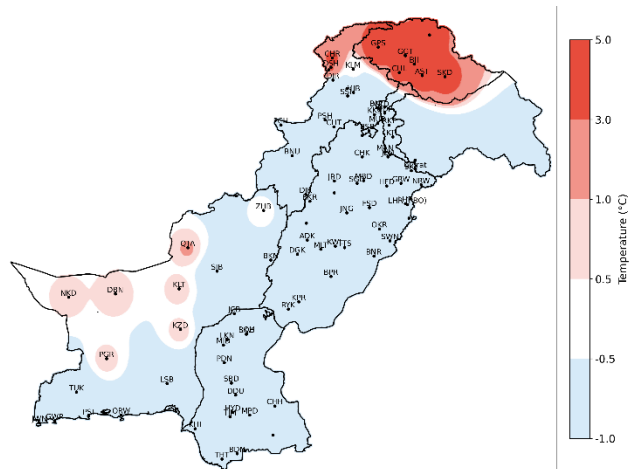
Rain was reported 2.8mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 35.5%. Mean day temperature was 36.1°C while night temperature recorded as 21.8°C with 68.2 hours bright sunshine duration. Wind speed recorded as 5.4 km/hr with mean wind direction *Southerly*.



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 (21st to 30th June 2025)

2.6 Jhelum

Rain was reported 72.4mm during the decade; the weather remained partially cloudy for 10 days. Average relative humidity recorded as 72%. Mean day temperature was 35.3°C while night temperature was recorded as 27.7°C with 28.1 hours bright sunshine duration. Wind speed recorded as 5.4 km/hr with mean wind direction *South Easterly*

2.7 Lahore

Rain was reported 46.4mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 72%. Mean day temperature was 35.5°C while night temperature recorded as 27.4°C with 8.0 hours bright sunshine duration. Wind speed recorded as 2.4 km/hr with mean wind direction *Variable*.

2.8 Sargodha

Rain was reported 49.8 mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 64%. Mean day temperature was 37.8°C while night temperature recorded as 28.7°C with 43.5 hours bright sunshine duration. Wind speed recorded as 3.9km/hr with mean wind direction *North Easterly*.

2.9 Multan

Rain was reported 43.4mm during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 55%. Mean day temperature was 40.5°C while night temperature recorded as 35.8°C with 61.8 hours bright sunshine duration. Wind speed recorded as 9.9 km/hr with mean wind direction *South Westerly*.

2.10 Khanpur

Rain was reported 47.9mm during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 60%. Mean day temperature was 40.5°C while night temperature recorded as 30°C with 76.8 hours bright sunshine duration with mean wind direction *South Westerly*.

2.11 Sakrand

Rain was reported 32.0mm during the decade; however, weather remained partially cloudy for 06 day. Average relative humidity recorded as 60%. Mean day temperature was 38.9°C while night temperature recorded as 29.1°C with 76.3 hours bright sunshine duration. Wind speed recorded as 8.0 km/hr with mean direction *South Easterly*.

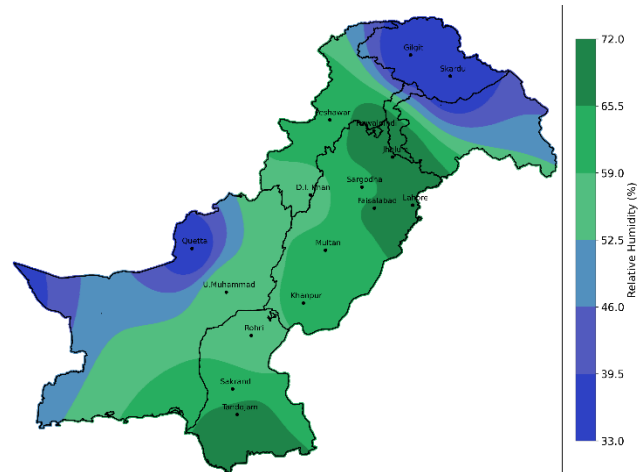


Figure.3: Relative Humidity in Percentage (%)

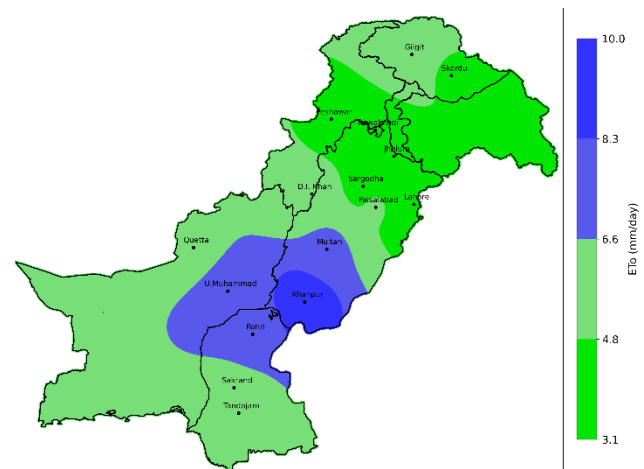


Figure.4: Reference Crop Evapotranspiration ETO (mm/day)

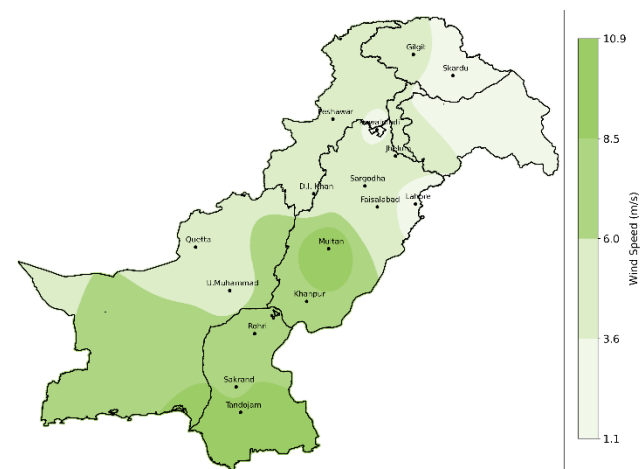


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Rain was reported 17.0mm during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 52.6%. Mean day temperature was 41.7°C while night temperature recorded as 28.6°C with 77.0 hours bright sunshine duration. Wind speed recorded as 6.6 km/hr with mean wind direction as *Southerly*.

2.13 D.I. Khan

Dry weather was reported during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 56%. Mean day temperature was 40.5°C while night temperature recorded as 29.6°C with 32.9 hours bright sunshine duration. Wind speed recorded as 5.4 km/hr with mean wind direction as *South Easterly*.

2.14 Peshawar

Rain was reported as 4.4mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 64%. Mean day temperature was 37.9°C while night temperature recorded as 27.5°C with 38.7 hours bright sunshine duration. Wind speed recorded as 4.5 km/hr with mean wind direction as *North Westerly*.

2.15 Skardu

Dry weather was reported during the decade; however, weather remained partially cloudy for 03 days. Average relative humidity recorded as 33%. Mean day temperature was 34.3°C while night temperature recorded as 17.2 °C with 89.8 hours bright sunshine duration. Wind speed recorded as 1.1 km/hr with mean wind direction as *South Westerly*.

2.16 Gilgit

Rain was reported as 0.1 mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 34.4%. Mean day temperature was 39.5°C while night temperature recorded as 21.8°C with 81.8 hours bright sunshine duration. Wind speed recorded as 4.1 km/hr with mean wind direction as *South Easterly*.

Ten Days Weather Advisory for Farmers **(1st to 10th July 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. However, rain-wind/thundershower is likely in the province during the decade. Heavy falls may also occur during the period.

❖ Khyber Pakhtunkhwa:

Mainly hot and humid weather is expected. However, rain-wind/thundershower is likely in the province during the decade. Heavy falls may also occur during the period.

❖ Sindh:

Mainly hot and humid weather is expected. However, rain-wind/thundershower is likely in the province during the decade. Heavy falls may also occur during the period.

❖ Baluchistan:

Mainly hot and humid weather is expected. However, rain-wind/thundershower is likely in the province during the decade. Heavy falls may also occur during the period.

❖ Gilgit-Baltistan:

Mainly hot and dry weather is expected. However, rain-wind/thundershower is likely in the Gilgit Baltistan during second half of the decade.

❖ Kashmir:

Rain-wind/thundershower along with heavy falls are likely in Kashmir during the decade.

3.4 Advisory for Farmers

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