

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Isolated very heavy falls were received from Punjab, KP and Lower Sindh. Light to moderate heavy falls also occurred in Kashmir, and upper Sindh, while light rainfall in Balochistan, and Gilgit Baltistan
- ❖ Highest amount of rainfall recorded was 527 mm at Sialkot during the last decade.
- ❖ Highest Maximum temperature recorded was 42.6 °C at Dalbandin during the last decade.
- ❖ Rain /thunderstorm with isolated heavy falls is expected with occasional gaps in most parts of the country during the decade. Whereas hot and humid weather is expected during first half of decade and rainfall with occasional gaps during second half of the decade is expected in Sindh.
- ❖ Farmers are advised to view weather forecast before any field activity.

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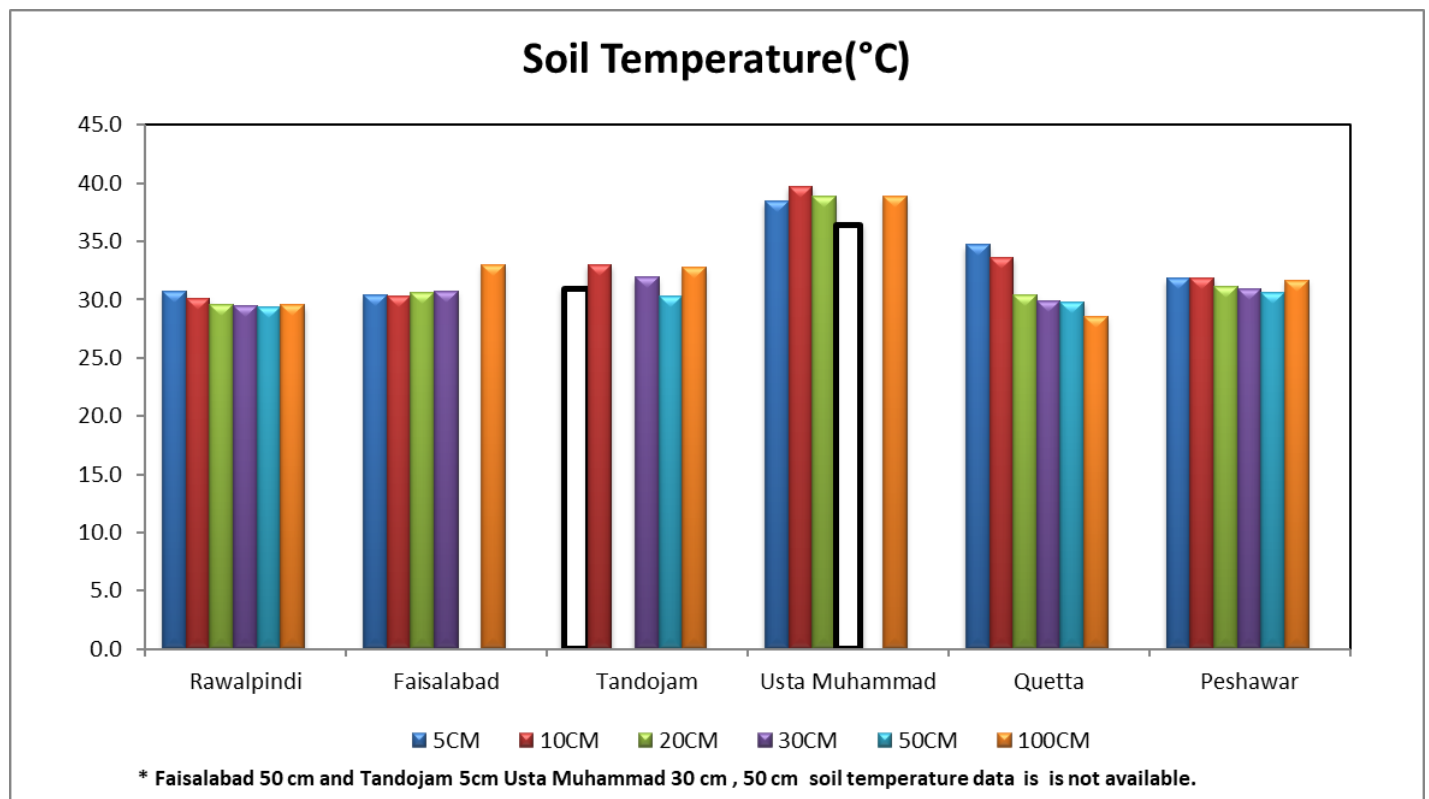
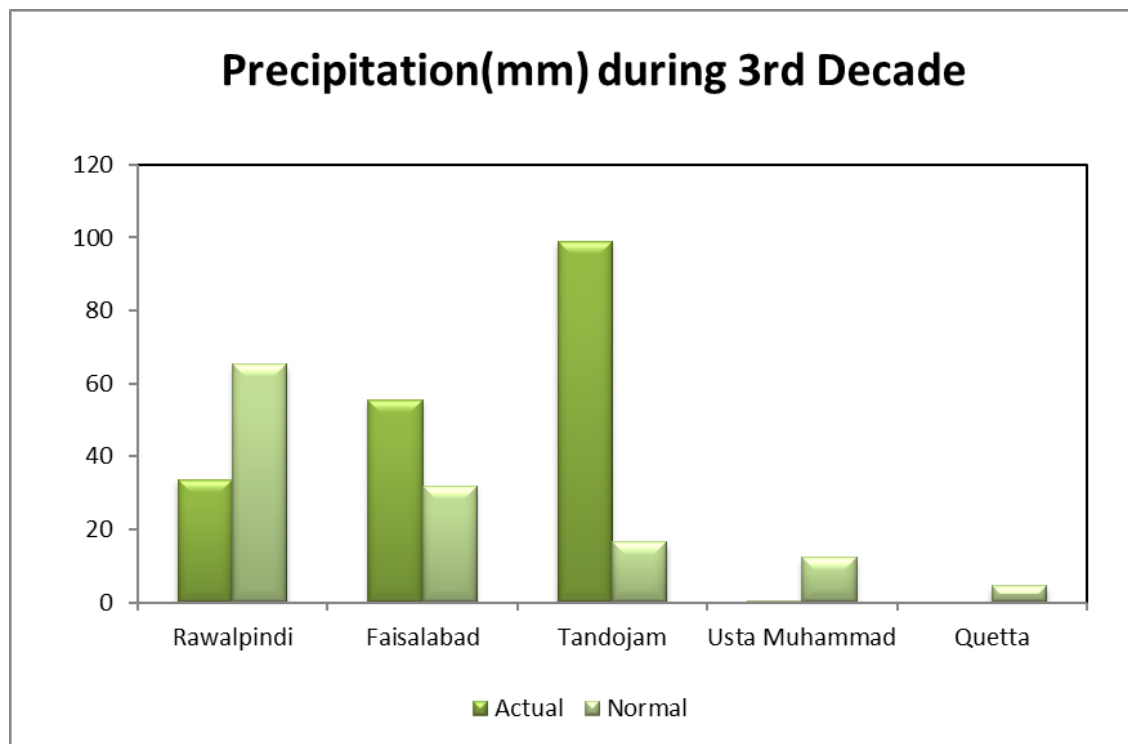
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Meteorological Conditions during 3rd Decade of August 2025

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	65.2	33.7	-31.5	1.6	-0.8	28.2	30.7	30.1	29.6	29.4	29.4	29.5	70.5	71.9	3.5	4.4
2	Faisalabad	31.9	55.60	23.7	-3.5	-0.8	29.2	30.4	30.3	30.6	30.7	***	33.0	81.0	44.3	3.2	3.6
3	Jhelum	48.3	172.6	124.3	-3.5	-1.9	27.7	31.0	30.3	30.0	29.8	30.3	***	81.0	64.3	3.1	3.9
4	Lahore	40.5	170.7	130.2	-4.1	-3.0	27.5	29.6	29.9	29.7	29.7	***	30.8	88.0	27.9	1.2	2.9
5	Sargodha	25.5	1.80	-23.7	-1.9	-1.1	30.1	34.5	33.6	33.0	32.8	***	***	70.0	67.7	3.7	4.4
6	Multan	7.7	42.20	34.5	-0.7	-0.7	31.6	***	***	***	***	***	***	64.0	98.0	4.8	5.6
7	Khanpur	0.4	0.0	-0.4	0.6	1.2	33.0	***	36.3	36.6	36.6	36.5	35.3	66.0	70.5	***	7.8
8	Tandojam	16.5	99.0	82.5	-0.5	0.1	29.9	***	33.0	***	31.9	***	32.7	77.0	80.6	***	5.1
9	Sakrand	7.6	0.0	-7.6	0.6	1.8	32.2	43.8	38.1	36.1	36.4	36.6	***	64.0	98.0	5.7	6.0
11	Rohri	7.3	3.0	-4.3	0.0	0.0	33.2	***	***	***	***	***	***	60.0	82.5	5.6	5.9
12	D.I Khan	20.1	55.00	34.9	-1.3	0.6	30.9	34.2	33.9	34.1	***	23.0	***	69.0	83.3	2.9	4.8
13	Peshawar	9.2	47.00	37.8	0.7	-0.8	30.6	31.8	31.9	31.1	31.0	30.6	31.7	67.0	84.3	5.7	5.3
14	Usta M.	12.3	0.0	-12.3	-1.1	2.0	33.3	38.5	39.7	38.8	***	***	38.8	63.0	0.0	4.8	5.0
15	Quetta	4.5	0.0	-4.5	0.5	1.9	27.5	34.7	33.6	30.4	29.9	29.8	28.6	34.4	105.2	5.5	6.0
16	Skardu	4.5	5.9	1.4	2.3	-1.3	21.6	***	***	***	***	***	***	43.0	61.4	0.3	3.2
17	Gilgit	4.1	7.7	3.6	1.5	1.8	26.4	***	***	***	***	***	***	47.8	101.9	2.0	4.8

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 August 2025



Past Weather (21st to 31st August 2025)

Isolated very heavy falls were received from Punjab, KP and Lower Sindh. Light to moderate falls also occurred in Kashmir, and upper Sindh, while light rainfall in Balochistan, lower and Gilgit Baltistan.

1.1 Punjab

Moderate to heavy (isolated very heavy falls) were received from the province. The decadal maximum and minimum temperatures were observed below normal by 1.6°C and 1.0°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 74%, 63.5hrs, 3.3km/hr and 4.7 mm/day respectively.

1.2 Sindh

Isolated heavy fall from a single station received from lower parts, while light to moderate falls in the upper parts of the province. The decadal maximum and minimum temperatures were observed above normal by 0.0°C and 0.7°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 67%, 87.0 hours, 5.7km/hr, and 5.7 mm/day respectively.

1.3 Khyber Pakhtunkhwa

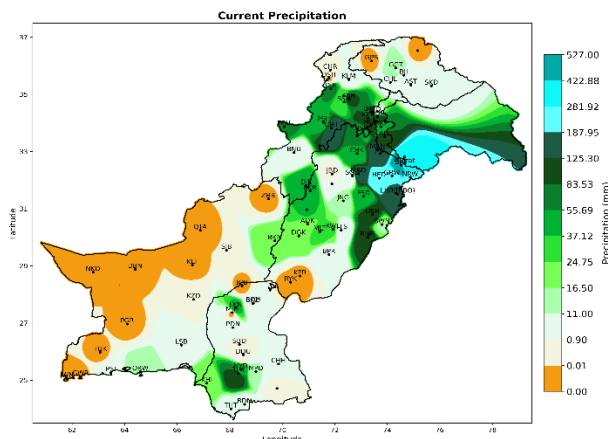
Isolated heavy falls were received from upper parts, while light to moderate fall in most part of the province during the decade. The decadal maximum and minimum temperatures were observed below normal by 0.3°C and 0.1°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 68%, 83.8hrs, 4.3km/hr and 5.3mm/day respectively.

1.4 Baluchistan

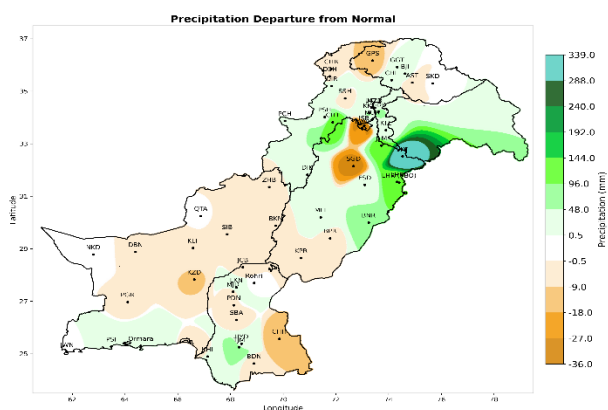
Light rainfall was reported from most parts of the province during the decade. The decadal maximum temperatures were observed below normal by 0.3°C and minimum temperature was observed above 1.9°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 59%, 52.6hrs, 5.2km/hr and 5.5mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

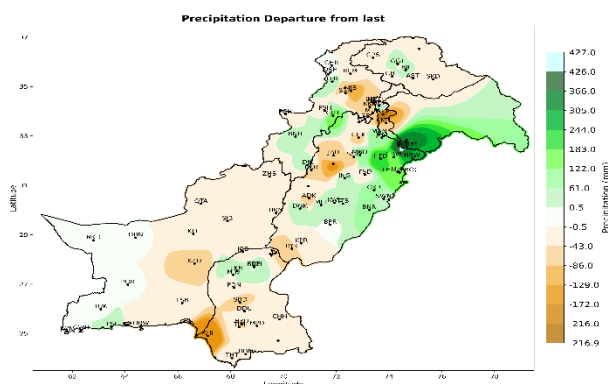
Light to moderate falls occurred in Kashmir, while light rainfall in Gilgit Baltistan. The decadal maximum and minimum temperatures were observed above normal by 1.9°C and minimum above 0.2°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 45%, 81.7hrs, 1.2km/hr and 4.0mm/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 31st August 2025)**

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 33.7 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 76%. Mean day temperature was 34.2°C while night temperature recorded as 22.2°C with 71.9 hours bright sunshine duration. Wind speed recorded as 3.5km/hr with mean wind direction *South Easterly*.

No crop reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Rain was reported 55.6 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 81%. Mean day temperature was 32.8°C while night temperature recorded as 25.5°C with 44.3 hours bright sunshine duration. Wind speed recorded as 3.2km/hr with mean wind direction *North Easterly*.

Cotton: *Very good, Boll opening.*

2.3 RAMC, Tandojam (Lower Sindh)

Rain was reported 99.0 mm during the decade; Average relative humidity recorded as 77%. Mean day temperature was 34.6°C while night temperature recorded as 25.2°C with 80.6 hours bright sunshine duration. Wind speed recorded as 8.0 km/hr with mean wind direction *South South Westerly*.

Cotton (CRIS-682): *Fair, Second picking.*

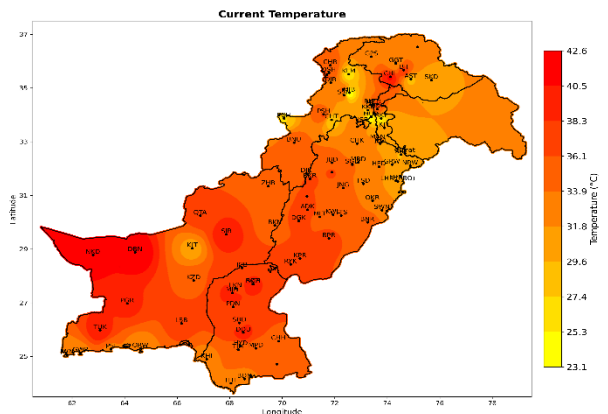
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Rain was reported 0.01(Trace) mm during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 63%. Mean day temperature was 38.0°C while night temperature was recorded as 28.6°C. Wind speed was recorded as 4.8 km/hr with mean wind direction *South Easterly*.

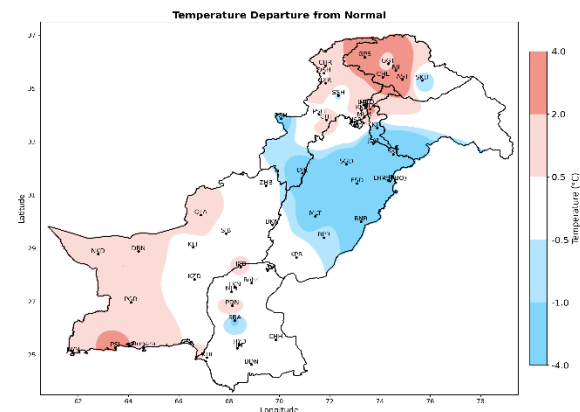
Rice: *Good, Third leaf.*

2.5 RAMC, Quetta (Northern Baluchistan)

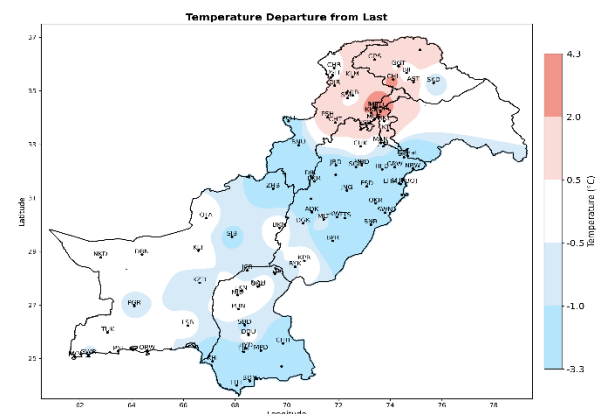
Dry weather was observed during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 34%. Mean day temperature was 34.9°C while night temperature recorded as 20.0°C with 96.8 hours bright sunshine duration. Wind speed recorded as 5.5 km/hr with 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 (21st to 31st August 2025)

2.6 Jhelum

Rain was reported 172.6 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 81%. Mean day temperature was 31.6°C while night temperature was recorded as 23.7°C with 64.3 hours bright sunshine duration. Wind speed recorded as 3.1 km/hr with mean wind direction *Variable*.

2.7 Lahore

Rain was reported 170.7 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 88%. Mean day temperature was 30.8°C while night temperature recorded as 24.1°C with 27.9 hours bright sunshine duration. Wind speed recorded as 1.2 km/hr with mean wind direction *North Easterly*.

2.8 Sargodha

Rain was reported 1.8mm during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 70%. Mean day temperature was 34.6°C while night temperature recorded as 25.6°C with 67.7 hours bright sunshine duration. Wind speed recorded as 3.7 km/hr with mean wind direction *North Easterly*.

Cotton: *Good, Flowering and fruiting.*

2.9 Multan

Rain was reported 42.2 mm; however, weather remained partially cloudy for 11 days. Average relative humidity recorded as 63%. Mean day temperature was 36.2°C while night temperature recorded as 27.8°C with 63.1 hours bright sunshine duration. Wind speed recorded as 4.8 m/hr with mean wind direction *North Easterly*.

2.10 Khanpur

Dry weather was observed during the decade; however, weather remained partially cloudy for 11 days. Average relative humidity recorded as 66%. Mean day temperature was 37.7°C while night temperature recorded as 28.3°C with 70.5 hours bright sunshine duration. Wind direction is *South Westerly*.

2.11 Sakrand

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 days. Average relative humidity recorded as 64%. Mean day temperature was 37.4°C while night temperature recorded as 26.9°C with 98.0 hours bright sunshine duration. Wind speed recorded as 5.7 km/hr with mean direction *Southerly*.

Cotton (CRIS-682): *Good, Boll development.*

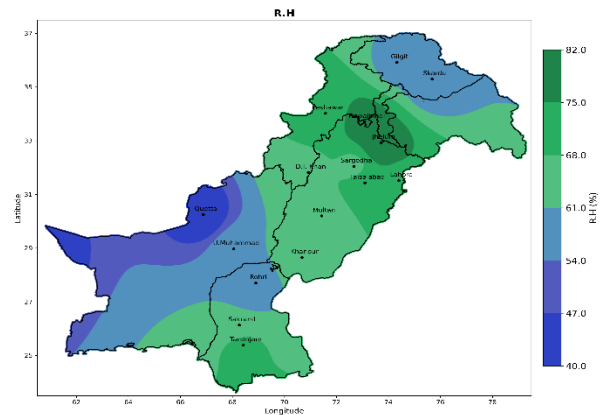


Figure.3: Relative Humidity in Percentage (%)

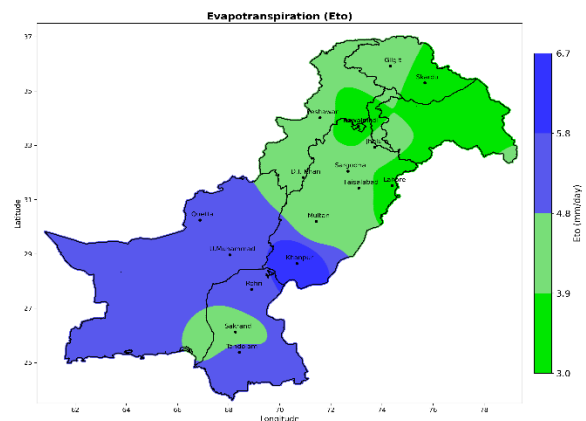


Figure.4: Reference Crop Evapotranspiration ETO (mm/day)

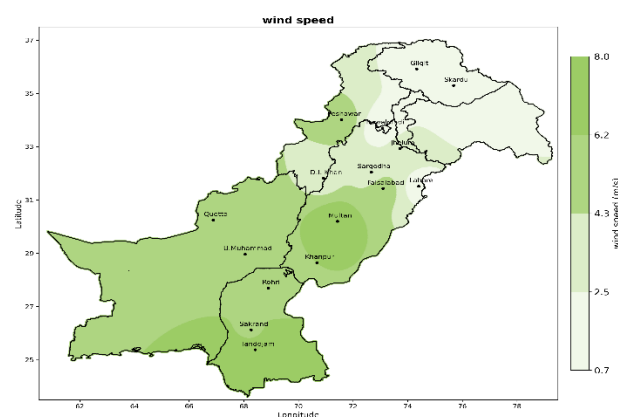


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Rain was reported 3.0 mm during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 60%. Mean day temperature was 38.3°C while night temperature recorded as 28.0°C with 82.5 hours bright sunshine duration. Wind speed recorded as 5.6 km/hr with mean wind direction as *North Easterly*.

Cotton: *Very Good, Flowering completed.*

2.13 D.I. Khan

Rain was reported 35.0 mm during the decade; however, weather remained partially cloudy for 06 days. Average relative humidity recorded as 69%. Mean day temperature was 35.7°C while night temperature recorded as 26.1°C with 83.3 hours bright sunshine duration. Wind speed recorded as 2.9 km/hr with mean wind direction as *South Easterly*.

2.14 Peshawar

Rain was reported 47.0 mm during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 67%. Mean day temperature was 36.2°C while night temperature recorded as 25.0°C with 84.3 hours bright sunshine duration. Wind speed recorded as 5.7 km/hr with mean wind direction as *North Westerly*.

2.15 Skardu

Rain was reported as 5.9 mm during the decade; however, weather remained partially cloudy for 03 days. Average relative humidity recorded as 43%. Mean day temperature was 30.2°C while night temperature recorded as 13.2 °C with 61.4 hours bright sunshine duration. Wind speed recorded as 0.3 km/hr with mean wind direction as *Easterly*.

2.16 Gilgit

Rain was reported as 7.7 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 47.8%. Mean day temperature was 35.9°C while night temperature recorded as 16.9°C with 68.5 hours bright sunshine duration. Wind speed recorded as 2.0 km/hr with mean wind direction as *South Easterly*.

Ten Days Weather Advisory for Farmers **(1st to 10th September 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:**

Rain with thunderstorm in most parts with occasional gaps during the decade.

❖ Khyber Pakhtunkhwa:

Rain with thunderstorms in most parts with occasional gaps during the decade.

❖ Sindh:

Hot and humid in the first half of the decade and rainfall with occasional gaps during second half of the decade.

❖ Baluchistan:

Rain in Northern parts of the Balochistan with gaps.

❖ Gilgit-Baltistan:

Rain with thunderstorms in most parts with occasional gaps during the decade.

❖ Kashmir:

Rain with thunderstorms in most parts with occasional gaps during the decade.

3.4 Advisory for Farmers

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