

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Isolated heavy falls were received from central Punjab and upper Khyber Pakhtunkhwa. Moderate rainfall also occurred in upper Khyber Pakhtunkhwa and Islamabad, whereas light rainfall in Punjab, Khyber Pakhtunkhwa, Lower Sindh, north&southeastern Balochistan Kashmir and Gilgit Baltistan.
- ❖ Highest amount of rainfall was recorded 70.2 mm at Sargodha during the last decade.
- ❖ Highest Maximum temperature was recorded 41.15 °C at Nokkundi during the last decade.
- ❖ Mainly hot & dry weather is expected in most parts of the country. While partly cloudy weather with rain-wind/thunderstorm is likely at isolated places in upper Khyber Pakhtunkhwa, Gilgit-Baltistan and upper Punjab during mid of the decade.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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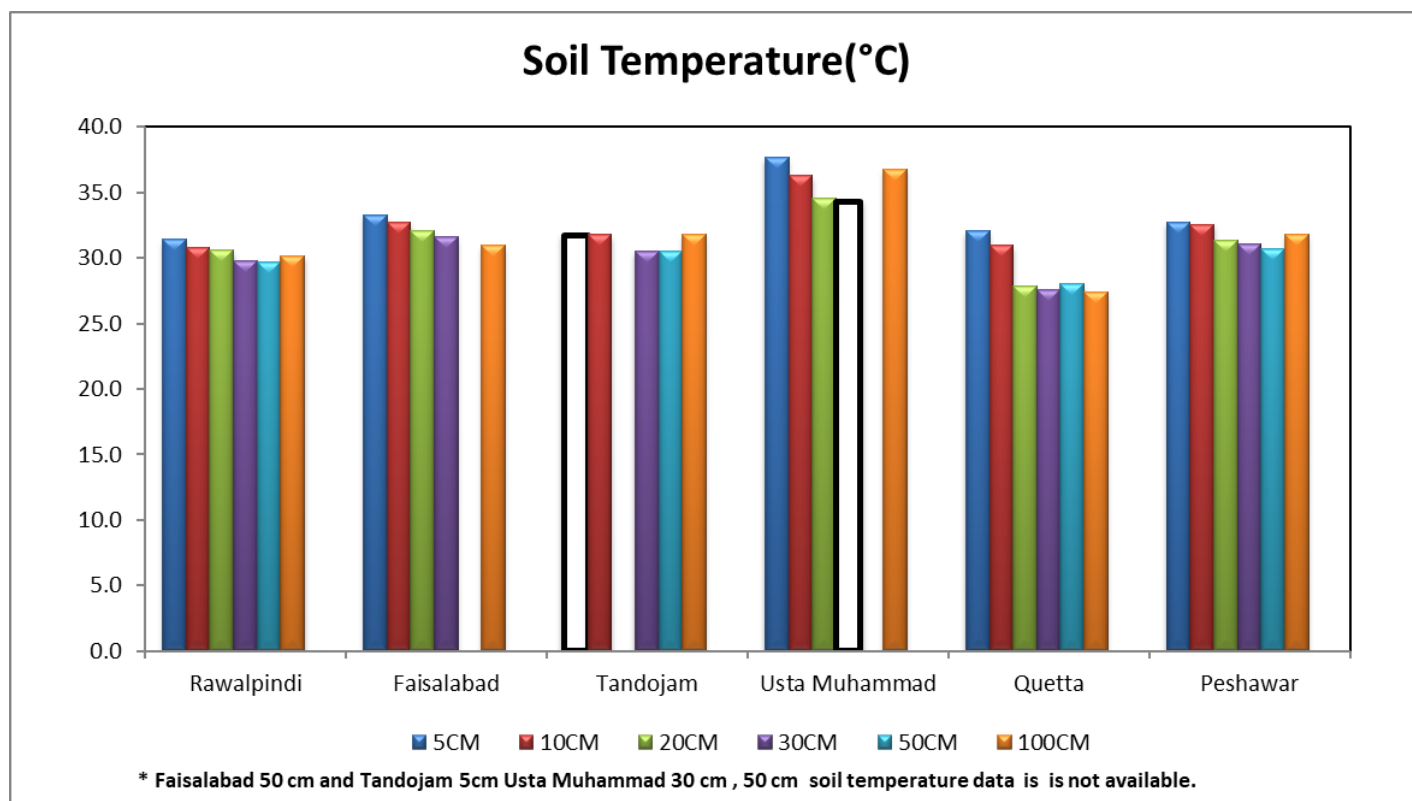
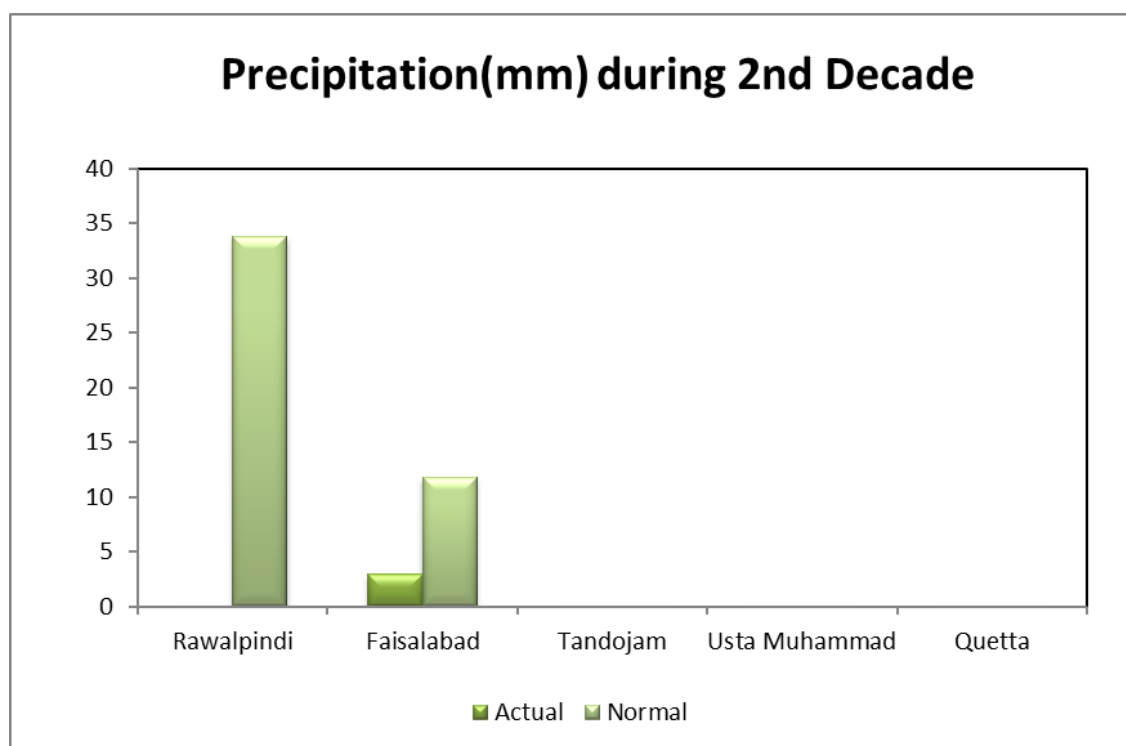
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Meteorological Conditions during 2nd Decade of September 2025

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	33.8	0.0	-33.8	2.3	2.2	29.7	31.4	30.8	30.6	29.8	29.7	30.2	64.0	76.3	2.5	4.1
2	Faisalabad	11.8	3.00	-8.8	1.3	2.5	31.4	33.3	32.8	32.1	31.6	***	30.9	65.0	100.5	2.6	4.9
3	Jhelum	13.4	0.0	-13.4	0.6	2.3	30.9	31.7	31.7	31.1	30.4	30.5	***	72.0	87.2	1.7	4.3
4	Lahore	13.7	9.8	-3.9	2.1	0.4	30.9	31.4	31.6	30.7	30.3	***	29.8	60.0	78.7	1.6	4.0
5	Sargodha	20.0	70.20	50.2	2.1	2.5	32.5	35.3	34.4	33.4	33.0	***	***	59.0	76.1	2.4	4.4
6	Multan	8.1	0.00	-8.1	-0.1	-0.3	30.6	***	***	***	***	***	***	65.0	101.7	7.0	5.6
7	Khanpur	0.0	0.0	0.0	0.3	3.9	33.0	***	35.0	35.3	35.3	35.4	34.6	65.0	95.5	***	5.9
8	Tandojam	0.0	0.0	0.0	-1.8	0.3	29.2	***	31.8	***	30.5	***	31.8	77.0	85.0	***	4.9
9	Sakrand	0.0	0.0	0.0	-1.1	1.6	30.5	40.6	35.6	33.9	34.3	34.7	***	65.0	101.7	5.6	5.6
11	Rohri	1.4	0.0	-1.4	-2.0	-1.2	31.0	***	***	***	***	***	***	62.7	98.2	4.1	5.2
12	D.I Khan	23.2	2.00	-21.2	1.9	3.5	32.5	32.2	31.8	31.3	***	20.1	***	66.0	83.1	2.7	4.6
13	Peshawar	11.2	0.01	-11.2	1.9	1.6	31.0	32.8	32.6	31.4	31.1	30.7	31.8	65.0	67.1	4.3	4.3
14	Usta M.	0.0	0.0	0.0	-2.4	1.0	31.3	37.7	36.3	34.6	***	***	36.8	69.0	0.0	3.0	4.1
15	Quetta	0.0	0.0	0.0	1.4	3.8	24.8	32.1	30.9	27.9	27.5	28.0	27.4	27.8	111.0	5.4	4.9
16	Skardu	1.9	0.0	-1.9	3.6	1.2	21.0	***	***	***	***	***	***	38.0	54.1	1.5	3.0
17	Gilgit	1.4	0.0	-1.4	3.9	4.9	25.1	***	***	***	***	***	***	45.4	79.2	2.0	3.8

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 September 2025



Past Weather (11th to 20th September 2025)

Isolated heavy falls were received from central Punjab and upper Khyber Pakhtunkhwa. Moderate rainfall also occurred in upper Khyber Pakhtunkhwa and Islamabad, whereas light rainfall in Punjab, Khyber Pakhtunkhwa, Lower Sindh, north&southeastern Balochistan Kashmir and Gilgit Baltistan.

1.1 Punjab

Isolated heavy fall received from central area whereas light to moderate rainfall from the province. The decadal maximum and minimum temperatures were observed above normal by 1.3°C and 1.9°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 64%, 88.0hrs, 3.0km/hr and 4.7 mm/day respectively.

1.2 Sindh

Mainly hot and dry weather prevailed while light rain reported from lower parts of the province. The decadal maximum temperatures were observed below normal by 1.6°C and minimum temperature was observed above 0.2°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 68%, 95.0 hours, 4.9km/hr, and 5.2 mm/day respectively.

1.3 Khyber Pakhtunkhwa

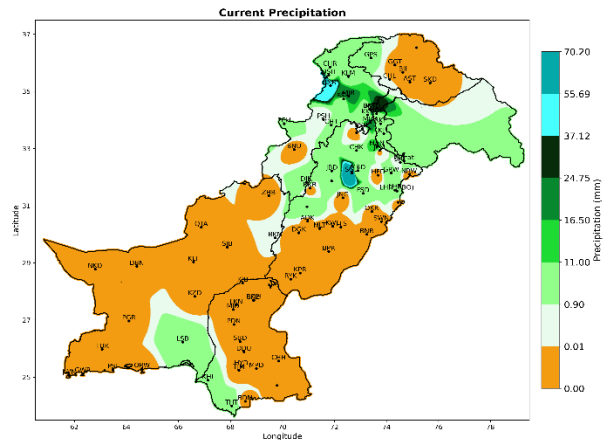
Isolated heavy fall received from upper area whereas light to moderate rainfall from the province. the decadal maximum and minimum temperatures were observed above normal by 1.9°C and 2.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 66%, 75.1hrs, 3.5km/hr and 4.5mm/day respectively.

1.4 Baluchistan

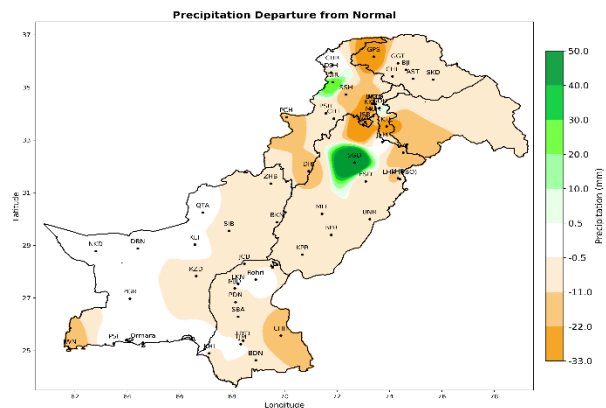
Light rainfall was reported from north&southeastern parts of the province. The decadal maximum temperatures were observed below normal by 0.5°C and minimum temperature was observed above 2.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 48%, 55.5hrs, 4.2km/hr and 4.5mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

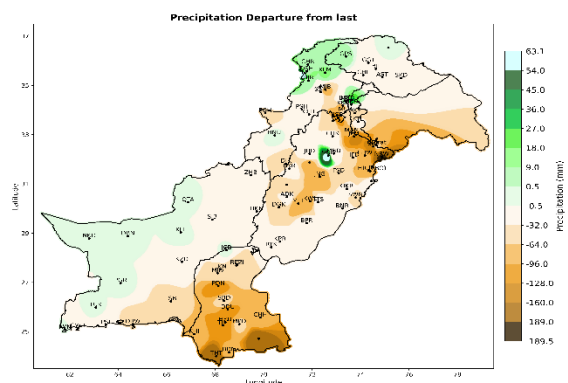
Light rain reported from Gilgit Baltistan and Kashmir. The decadal maximum and minimum temperatures were observed above normal by 3.7°C and minimum above 3.1°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 42%, 66.7hrs, 1.8km/hr and 4.7mm/day respectively.



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 September 2025)

2.1 RAMC, Rawalpindi (Potohar region)

Dry weather was observed during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 64%. Mean day temperature was 35.7°C while night temperature recorded as 23.6°C with 76.3 hours bright sunshine duration. Wind speed recorded as 2.4km/hr with mean wind direction *South Easterly*.
No crop reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Rain was reported 3.0 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 65%. Mean day temperature was 36.6°C while night temperature recorded as 26.1°C with 100.6 hours bright sunshine duration. Wind speed recorded as 2.6km/hr with mean wind direction *Southerly*.
Cotton: *Very good, Maturity.*

2.3 RAMC, Tandojam (Lower Sindh)

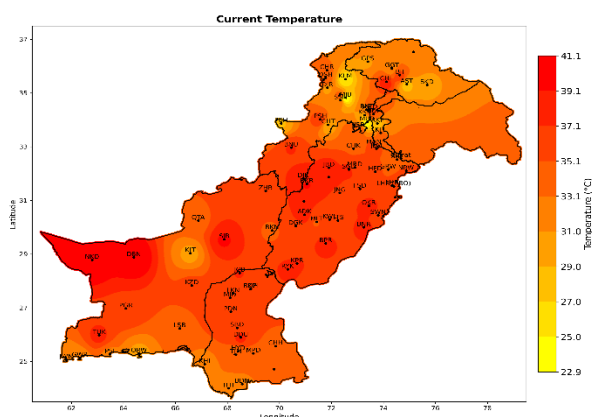
Dry weather was observed during the decade; Average relative humidity recorded as 77%. Mean day temperature was 33.8°C while night temperature recorded as 24.6°C with 85.3 hours bright sunshine duration. Wind speed recorded as 8.0 km/hr with mean wind direction *South Westerly*.
Cotton (CRIS-682): *Not Good, Third picking.*

2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

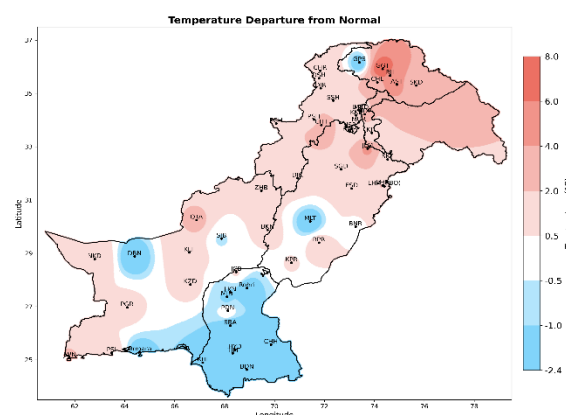
Dry weather was observed during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 69%. Mean day temperature was 36.2°C while night temperature was recorded as 26.3°C. Wind speed was recorded as 3.0 km/hr with mean wind direction *South Easterly*.
Rice: *Good, Shooting.*

2.5 RAMC, Quetta (Northern Baluchistan)

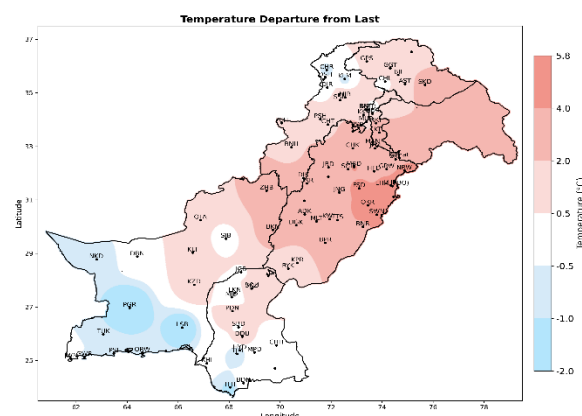
Dry weather was observed during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 28%. Mean day temperature was 33.1°C while night temperature recorded as 16.4°C with 111.0 hours bright sunshine duration. Wind speed recorded as 5.4 km/hr with 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 September 2025)

2.6 Jhelum

Dry weather was observed during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 72%. Mean day temperature was 35.3°C while night temperature was recorded as 26.5°C with 87.2 hours bright sunshine duration. Wind speed recorded as 1.7 km/hr with mean wind direction *South Westerly*.

2.7 Lahore

Rain was reported 9.8 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 60%. Mean day temperature was 35.8°C while night temperature recorded as 25.9°C with 78.7 hours bright sunshine duration. Wind speed recorded as 1.6 km/hr with mean wind direction *Variable*.

2.8 Sargodha

Rain was reported 70.2mm during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 59%. Mean day temperature was 37.7°C while night temperature recorded as 27.2°C with 76.1 hours bright sunshine duration. Wind speed recorded as 2.4 km/hr with mean wind direction *Variable*.

Cotton: Normal, 1st picking done.

2.9 Multan

Dry weather was observed during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 63%. Mean day temperature was 35.9°C while night temperature recorded as 27.4°C with 80.6 hours bright sunshine duration. Wind speed recorded as 7.0 m/hr with mean wind direction *South Westerly*.

2.10 Khanpur

Dry weather was observed during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 55%. Mean day temperature was 35.1°C while night temperature recorded as 28.8°C with 95.5 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 65%. Mean day temperature was 35.8°C while night temperature recorded as 25.2°C with 101.7 hours bright sunshine duration. Wind speed recorded as 5.6 km/hr with mean direction *Southerly*.

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

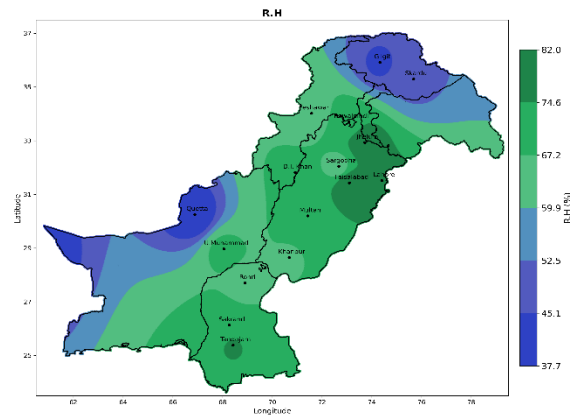


Figure.3: Relative Humidity in Percentage (%)

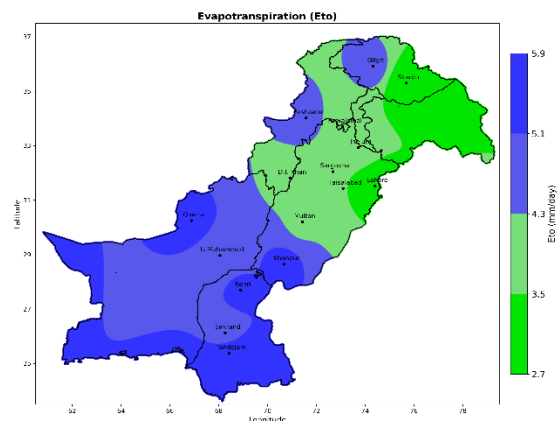


Figure.4: Reference Crop Evapotranspiration ETO (mm/day)

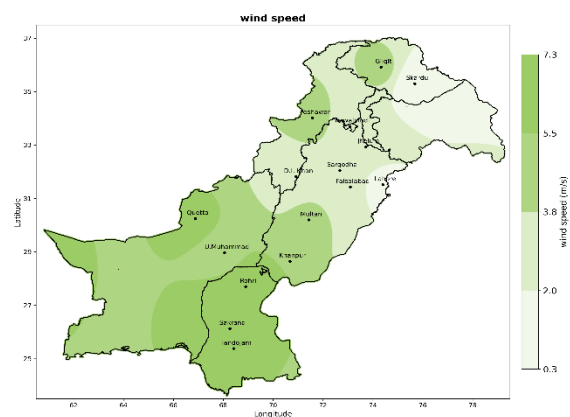


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Dry weather was observed during the decade; however, weather remained partially cloudy for 03 days. Average relative humidity recorded as 63%. Mean day temperature was 36.1°C while night temperature recorded as 25.9°C with 98.2 hours bright sunshine duration. Wind speed recorded as 4.1 km/hr with mean wind direction as *North Easterly*.

Cotton: *Not Good, 2nd Picking.*

2.13 D.I. Khan

Rain was reported 2.0 mm during the decade; however, weather remained partially cloudy for 01 days. Average relative humidity recorded as 66%. Mean day temperature was 37.9°C while night temperature recorded as 27.0°C with 83.1 hours bright sunshine duration. Wind speed recorded as 2.7 km/hr with mean wind direction as *South Easterly*.

2.14 Peshawar

Rain was reported 0.01(Trace) mm during the decade; however, weather remained cloudy during the decade. Average relative humidity recorded as 65%. Mean day temperature was 36.5°C while night temperature recorded as 25.4°C with 67.1 hours bright sunshine duration. Wind speed recorded as 4.3 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 02 days. Average relative humidity recorded as 38%. Mean day temperature was 30.4°C while night temperature recorded as 11.6 °C with 54.1 hours bright sunshine duration. Wind speed recorded as 1.5 km/hr with mean wind direction as *North-north Easterly*.

2.16 Gilgit

Rain was reported as 1.0 mm; however, weather remained cloudy during the decade. Average relative humidity recorded as 45%. Mean day temperature was 35.2°C while night temperature recorded as 15.7°C with 79.2 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 **(21st to 30th 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:**

Mainly hot and dry weather is expected. While partly cloudy with light rain-wind/thunderstorm is likely at isolated places in upper parts of the province on 25th September during the decade.

❖ Khyber Pakhtunkhwa:

Mainly dry weather and hot in lower parts is expected. While partly cloudy with rain-wind/thunderstorm is likely at isolated places in upper parts of the province on 24th & 25th September during the decade.

❖ Sindh:

Mainly hot and dry weather is expected in the province during the decade.

❖ Baluchistan:

Mainly dry weather and hot in lower parts is expected in the province during the decade.

❖ Gilgit-Baltistan:

Mainly dry weather is expected. While partly cloudy weather with rain-wind/thunderstorm is likely at isolated places in Gilgit-Baltistan on 24th, 25th & 29th September during the decade.

❖ Kashmir:

Mainly dry weather is expected. While partly cloudy weather with rain-wind/thunderstorm is likely at isolated places in Kashmir on 25th September during the decade.

3.4 Advisory for Farmers

- In the Pothohar region, farmers are advised to complete the harvesting of peanut crop.
- In the rice-growing belt of north-eastern Punjab, farmers are advised to take precautionary measures to protect their standing crops and ensure timely weed removal.
- In Khyber Pakhtunkhwa (KPK), farmers are advised to initiate cultivation of seasonal vegetables and

irrigate sugarcane crop according to its water requirements.

- In the cotton-growing belt of Punjab (Central & Southern) and Sindh, farmers are advised to complete harvesting/picking of cotton in time, so that the land can be prepared for the upcoming Rabi season.