

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Isolated very heavy falls were received from upper Punjab, Sindh and upper Khyber Pakhtunkhwa. Moderate to heavy falls also reported from Punjab, Sindh, Khyber Pakhtunkhwa, southeast Balochistan and Kashmir, while light rainfall from Khyber Pakhtunkhwa, Gilgit Baltistan and except western parts of Balochistan.
- ❖ Highest amount of rainfall recorded 193 mm at Thatta during the last decade.
- ❖ Highest Maximum temperature recorded was 42.05 °C at Nokkundi during the last decade.
- ❖ Rain-wind/thundershower is expected in Potohar Region, northeast Punjab, Khyber Pakhtunkhwa, Gilgit Baltistan and Kashmir. Whereas Dry weather may prevail South Punjab, Sindh and Balochistan during the decade.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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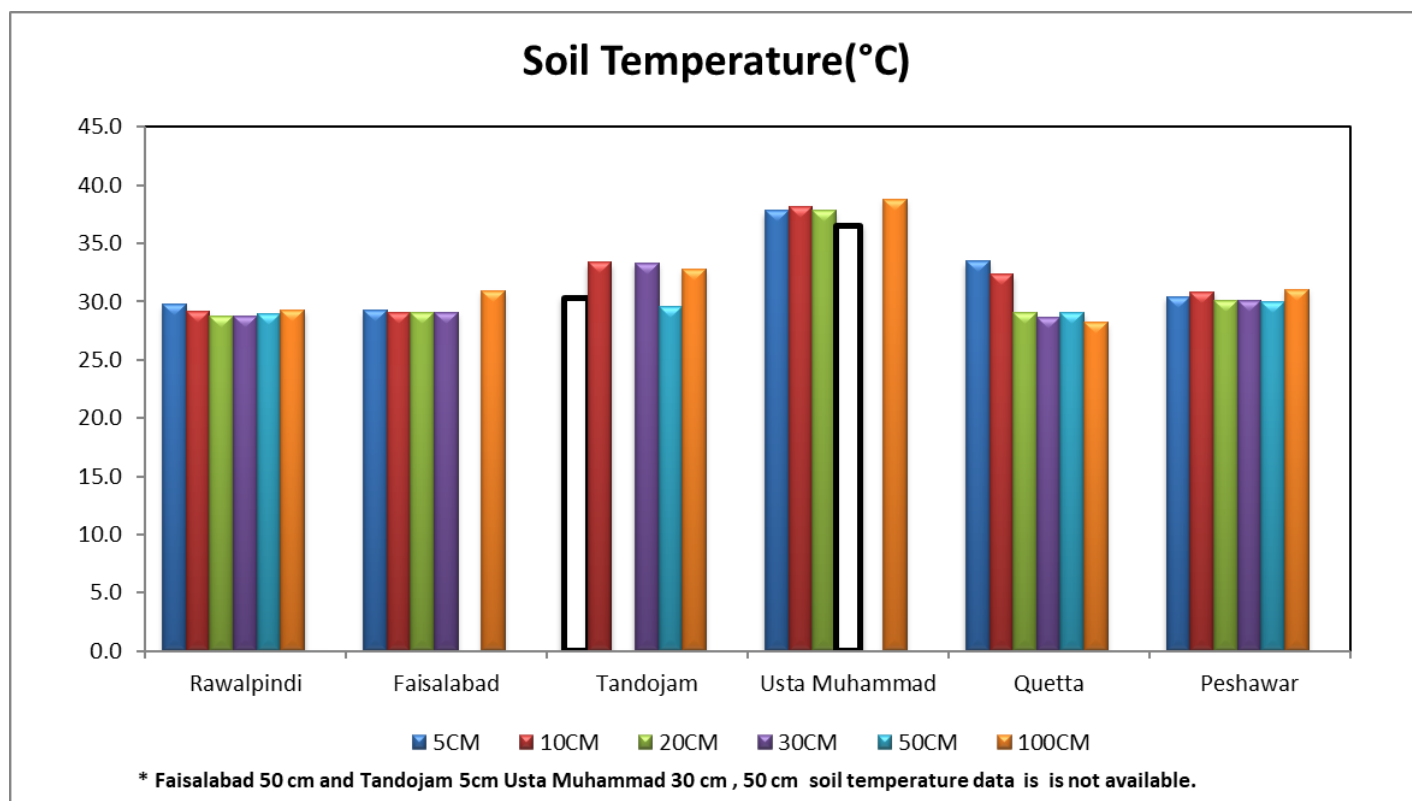
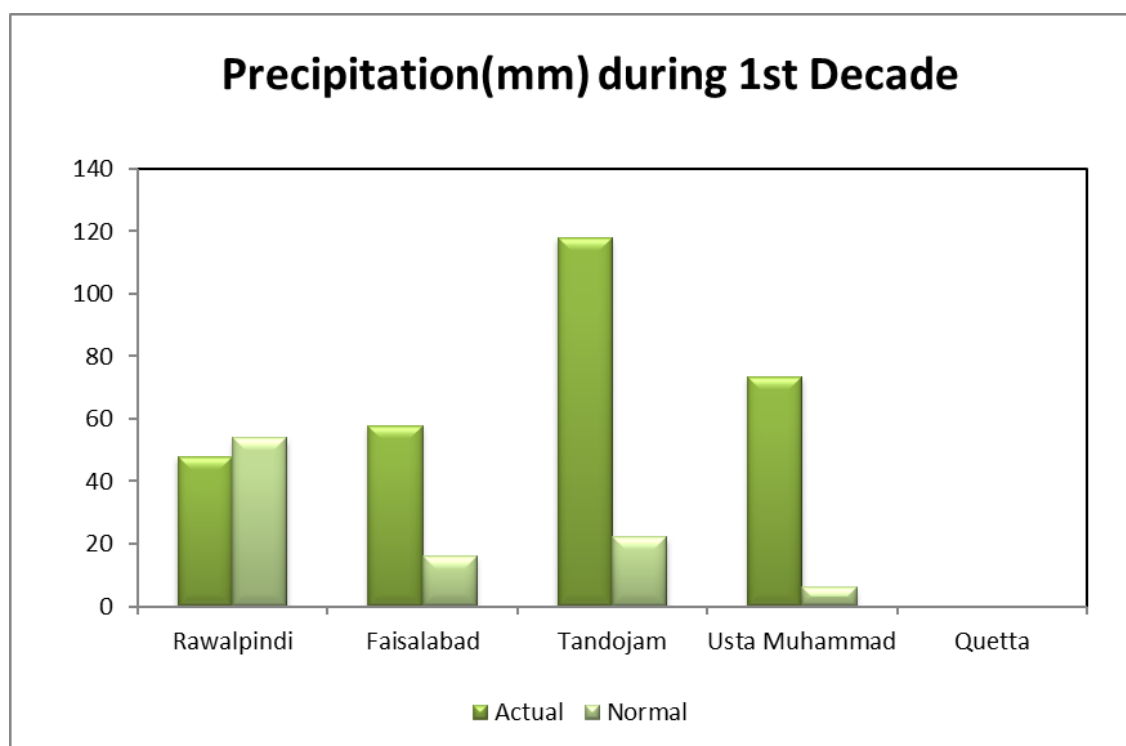
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Meteorological Conditions during 1st Decade of September 2025

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	53.9	47.9	-6.0	-0.9	-0.2	27.2	29.7	29.2	28.7	28.8	29.0	29.3	71.8	60.8	2.4	3.7
2	Faisalabad	16.0	57.80	41.8	-3.7	0.7	28.4	29.3	29.0	29.1	29.1	***	31.0	82.0	53.6	2.5	3.5
3	Jhelum	34.4	136.2	101.8	-3.1	-0.4	27.7	30.3	29.6	29.4	29.0	29.6	***	80.0	58.9	3.8	3.7
4	Lahore	37.5	101.6	64.1	-2.8	-2.5	27.5	28.4	28.4	28.9	28.6	***	29.3	77.0	41.6	1.1	3.1
5	Sargodha	15.1	15.00	-0.1	-36.1	8.2	17.0	33.2	32.8	32.4	32.3	***	***	64.0	38.5	3.1	3.5
6	Multan	10.7	79.90	69.2	-3.5	0.3	29.9	***	***	***	***	***	***	70.0	61.6	4.3	4.2
7	Khanpur	6.8	7.0	0.2	-0.5	1.1	31.7	***	35.6	35.9	36.1	36.1	35.3	67.0	73.6	**	5.3
8	Tandojam	22.2	118.0	95.8	0.2	0.6	30.5	***	33.4	***	33.3	***	32.8	75.0	55.1	**	5.9
9	Sakrand	10.4	70.0	59.6	-1.0	1.9	31.0	40.0	36.9	36.1	36.5	36.9	***	70.0	61.6	5.7	4.7
11	Rohri	0.8	60.0	59.2	-2.5	-1.1	31.2	***	***	***	***	***	***	65.6	68.1	7.3	5.2
12	D.I Khan	11.2	60.00	48.8	-0.6	2.0	31.0	32.0	31.5	31.4	***	20.1	***	68.0	67.5	2.4	4.2
13	Peshawar	11.5	9.00	-2.5	1.1	-1.2	29.8	30.4	30.8	30.1	30.1	30.0	31.1	63.0	72.8	4.6	4.7
14	Usta M.	6.2	73.5	67.3	-2.9	0.5	31.5	37.8	38.2	37.8	***	***	38.8	69.0	0.0	4.9	4.5
15	Quetta	0.0	0.0	0.0	-1.1	4.6	25.0	33.5	32.3	29.0	28.7	29.0	28.2	37.7	97.2	5.9	5.4
16	Skardu	7.6	7.3	-0.3	4.5	1.6	20.4	***	***	***	***	***	***	50.0	43.9	0.3	2.7
17	Gilgit	4.6	1.0	-3.6	2.4	7.3	26.9	***	***	***	***	***	***	44.1	75.0	4.2	4.6

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 September 2025



Past Weather (1st to 10th September 2025)

Isolated very heavy falls were received from upper Punjab, Sindh and upper Khyber Pakhtunkhwa. Moderate to heavy falls also reported from Punjab, Sindh, Khyber Pakhtunkhwa, southeast Balochistan and Kashmir, while light rainfall from Khyber Pakhtunkhwa, Gilgit Baltistan and except western parts of Balochistan.

1.1 Punjab

Moderate to heavy falls (isolated very heavy falls from upper parts) were received from the province. The decadal maximum temperatures were observed below normal by 7.2°C and minimum temperature was observed above 1.0°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 73%, 55.5hrs, 2.9km/hr and 3.9 mm/day respectively.

1.2 Sindh

Moderate to heavy falls with isolated very heavy falls were received from the province. The decadal maximum temperatures were observed below normal by 1.1°C and minimum temperature was observed above 0.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 70%, 61.6 hours, 6.5km/hr, and 5.3 mm/day respectively.

1.3 Khyber Pakhtunkhwa

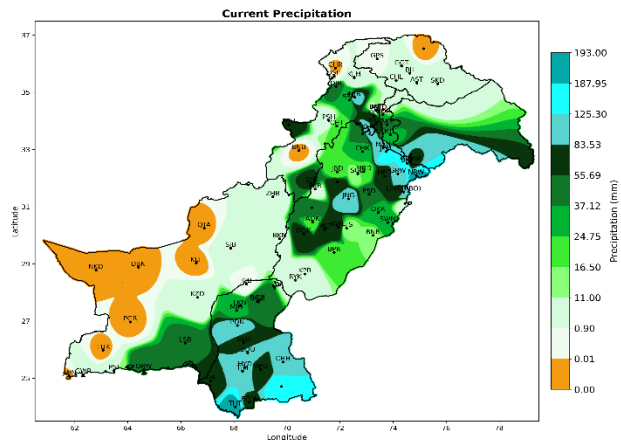
Light to moderate to heavy falls (isolated very heavy falls from upper parts) were received from the the province. The decadal maximum and minimum temperatures were observed above normal by 0.2°C and 0.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 66%, 70.2hrs, 3.5km/hr and 4.7mm/day respectively.

1.4 Baluchistan

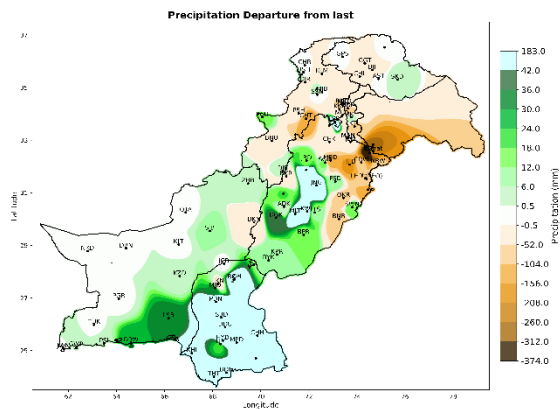
Light to moderate rainfall was reported from north/southeastern parts of the province. The decadal maximum temperatures were observed below normal by 2.0°C and minimum temperature was observed above 2.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 53%, 48.6hrs, 5.4km/hr and 5.0mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

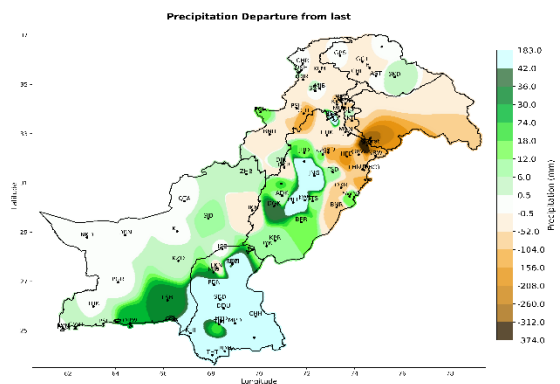
Moderate to heavy falls occurred in Kashmir, while light rainfall in Gilgit Baltistan. The decadal maximum and minimum temperatures were observed above normal by 3.5°C and minimum above 4.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 47%, 59.5hrs, 2.3km/hr and 3.7mm/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**
(1st to 10th September 2025)

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 47.9 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 72%. Mean day temperature was 32.5°C while night temperature recorded as 21.9°C with 60.8 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 57.8 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 82%. Mean day temperature was 32.0°C while night temperature recorded as 24.7°C with 53.6 hours bright sunshine duration. Wind speed recorded as 2.5km/hr with mean wind direction Easterly.

Cotton: *Very good, Boll opening.*

2.3 RAMC, Tandojam (Lower Sindh)

Rain was reported 118.0 mm during the decade; Average relative humidity recorded as 75%. Mean day temperature was 35.7°C while night temperature recorded as 25.2°C with 55.1 hours bright sunshine duration. Wind speed recorded as 8.0 km/hr with mean wind direction *Variable*.

Cotton (CRIS-682): *Not Good, Second picking.*

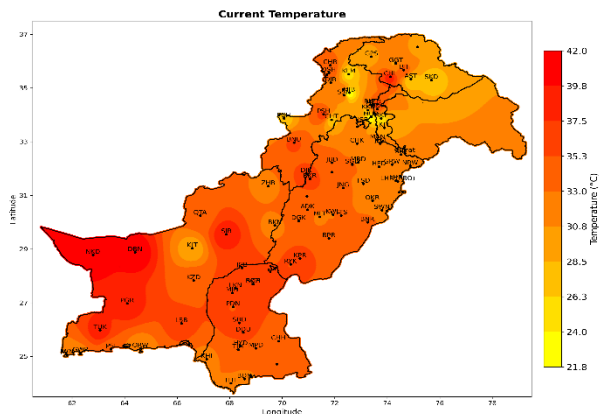
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Rain was reported 73.5mm during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 69%. Mean day temperature was 35.9°C while night temperature was recorded as 27.1°C. Wind speed was recorded as 4.9 km/hr with mean wind direction *South Easterly*.

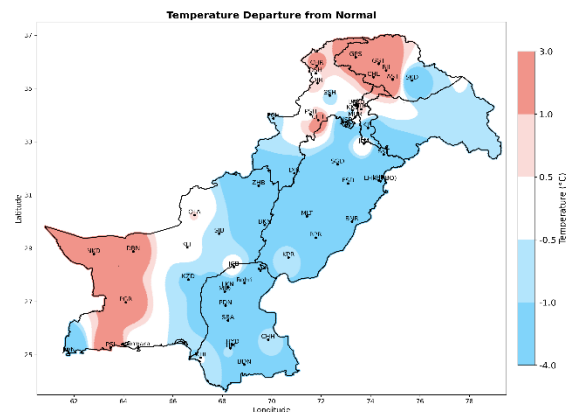
Rice: *Good, Shooting.*

2.5 RAMC, Quetta (Northern Baluchistan)

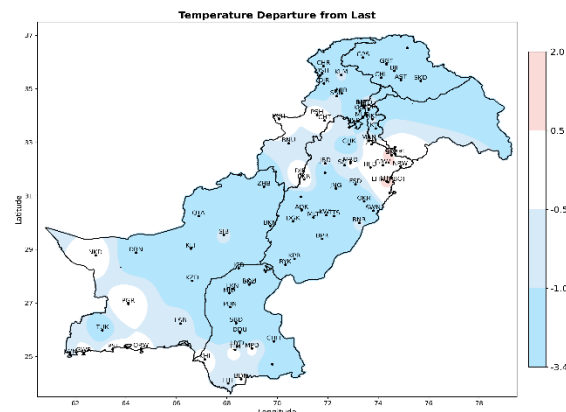
Dry weather was observed during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 36%. Mean day temperature was 31.7°C while night temperature recorded as 18.3°C with 97.2 hours bright sunshine duration. Wind speed recorded as 5.9 km/hr with 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 (1st to 10th September 2025)

2.6 Jhelum

Rain was reported 136.2 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 80%. Mean day temperature was 31.4°C while night temperature was recorded as 24.0°C with 58.9 hours bright sunshine duration. Wind speed recorded as 3.8 km/hr with mean wind direction *Variable*.

2.7 Lahore

Rain was reported 101.6 mm; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 77%. Mean day temperature was 31.4°C while night temperature recorded as 23.5°C with 41.6 hours bright sunshine duration. Wind speed recorded as 1.1 km/hr with mean wind direction *North Easterly*.

2.8 Sargodha

Rain was reported 15.0mm during the decade; however, weather remained partially cloudy during the decade. Average relative humidity recorded as 64%. Mean day temperature was 33.9°C while night temperature recorded as 25.0°C with 38.5 hours bright sunshine duration. Wind speed recorded as 3.7 km/hr with mean wind direction *North Easterly*.

Cotton: *Good, Fruiting and Boll Opening.*

2.9 Multan

Rain was reported 79.9 mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 72%. Mean day temperature was 33.1°C while night temperature recorded as 26.3°C with 59.3 hours bright sunshine duration. Wind speed recorded as 4.3 m/hr with mean wind direction *North Easterly*.

2.10 Khanpur

Rain was reported 7.0 mm during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 67%. Mean day temperature was 36.2°C while night temperature recorded as 27.1°C with 73.6 hours bright sunshine duration. Wind direction is *North Easterly*.

2.11 Sakrand

Rain was reported 70.0 mm during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 70%. Mean day temperature was 35.4°C while night temperature recorded as 26.6°C with 61.6 hours bright sunshine duration. Wind speed recorded as 5.7 km/hr with mean direction *Variable*.

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

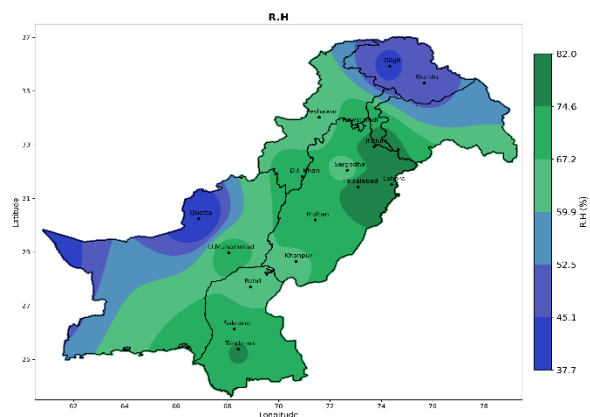


Figure.3: Relative Humidity in Percentage (%)

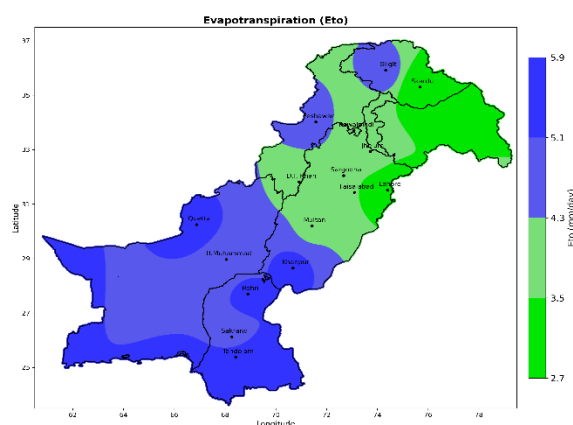


Figure.4: Reference Crop Evapotranspiration ETO (mm/day)

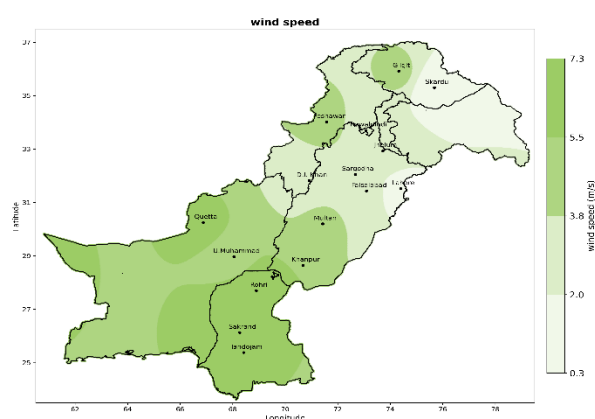


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Rain was reported 6.0 mm during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 66%. Mean day temperature was 35.5°C while night temperature recorded as 26.9°C with 68.1 hours bright sunshine duration. Wind speed recorded as 7.3 km/hr with mean wind direction as *North Easterly*.

Cotton: *Very Good, Boll Opening.*

2.13 D.I. Khan

Rain was reported 60.0 mm during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 68%. Mean day temperature was 35.8°C while night temperature recorded as 26.2°C with 67.5 hours bright sunshine duration. Wind speed recorded as 2.4 km/hr with mean wind direction as *South Easterly*.

2.14 Peshawar

Rain was reported 9.0 mm during the decade; however, weather remained cloudy during the decade. Average relative humidity recorded as 63%. Mean day temperature was 36.1°C while night temperature recorded as 23.4°C with 72.8 hours bright sunshine duration. Wind speed recorded as 4.6 km/hr with mean wind direction as *North Easterly*.

2.15 Skardu

Rain was reported as 7.3 mm during the decade; however, weather remained partially cloudy for 04 days. Average relative humidity recorded as 51%. Mean day temperature was 27.2°C while night temperature recorded as 13.5 °C with 43.9 hours bright sunshine duration. Wind speed recorded as 0.3 km/hr with mean wind direction as *North Easterly*.

2.16 Gilgit

Rain was reported as 1.0 mm; however, weather remained cloudy during the decade. Average relative humidity recorded as 44.1%. Mean day temperature was 34.4°C while night temperature recorded as 19.3°C with 75.0 hours bright sunshine duration. Wind speed recorded as 4.2 km/hr with mean wind direction as *Variable*.

Ten Days Weather Advisory for Farmers **(11th to 20th 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-wind/thundershower is expected in Potohar region and northeastern parts of the province. Heavy falls may also occur on 18th & 19th September. Whereas hot and dry weather is likely in southern parts during the decade.

❖ Khyber Pakhtunkhwa:

Rain-wind/thundershower is expected in the province. Heavy falls may also occur on 18th & 19th September during the decade.

❖ Sindh:

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

❖ Baluchistan:

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

❖ Gilgit-Baltistan:

Rain-wind/thundershower is likely in Gilgit Baltistan during the decade.

❖ Kashmir:

Rain-wind/thundershower is likely in Kashmir during the decade.

3.4 Advisory for Farmers (11th-20th September, 2025)

In the Pothohar region, the peanut crop has entered the maturity stage. Considering the expected rainfall, farmers are advised to drain stagnant water from the fields and ensure timely weed management to maintain crop health and quality.

In north-eastern Punjab, recent rains and flooding have already resulted in water accumulation in fields, and expected rainfall may further raise water levels. Farmers in these areas should adopt precautionary measures to protect their standing crops and plants from excessive water.

In Khyber Pakhtunkhwa (KPK), rainwater is generally beneficial for sugarcane; however, stagnant water can adversely affect maize crops. Farmers are advised to

promptly remove the stagnant water from the fields to avoid potential damage.

In the cotton-growing belt of Punjab (Central & Southern) and Sindh, except in isolated parts of central Punjab over the next few days, no significant rainfall is expected in the coming period. Farmers are therefore advised to drain stagnant water from flooded fields, regularly monitor the crop health, and undertake timely plant protection measures such as spray or other recommended practices in consultation with the Agriculture Department to safeguard the crops against any possible disease outbreaks.