

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Moderate to heavy precipitation occurred across the most parts of the country particularly KPK, AJK and upper Punjab and southeastern Sindh.
- ❖ Dry weather was reported from western Balochistan and scattered places of central Sindh and south Punjab
- ❖ Highest amount of rainfall recorded was 460.2 mm at Gujranwala during the last decade.
- ❖ Highest Maximum temperature recorded was 44.2°C at Dalbandin during the last decade.
- ❖ Rain-wind/thundershower is likely Khyber Pakhtunkhwa, Punjab, Gilgit Baltistan, Kashmir during the decade.
- ❖ Farmers are advised to follow the weather forecast to proceed for any field activity.

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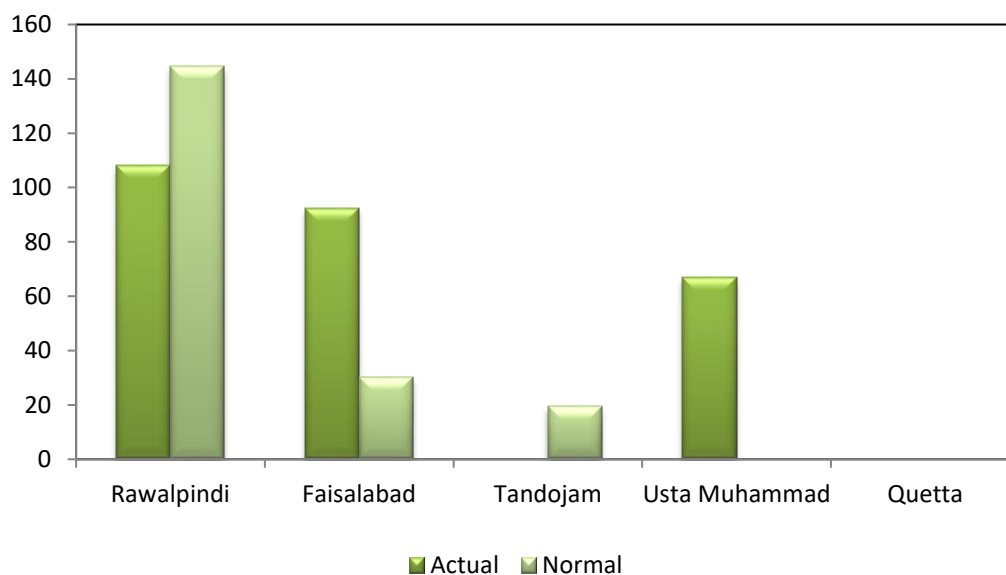
Meteorological Conditions during 3rd Decade of July 2026

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	144.6	108.0	-36.6	-1.4	-0.7	27.9	29.7	29.2	28.9	29.0	29.3	29.3	75.0	39.7	2.0	3.8
2	Faisalabad	30.1	92.4	62.3	-2.8	0.3	30.6	32.2	33.2	32.6	32.8	***	34.1	78.0	35.5	3.2	4.0
3	Jhelum	91.4	142.0	50.6	-3.6	-1.5	28.1	***	30.8	30.7	30.7	31.2	***	82.0	54.1	1.3	3.9
4	Lahore	71.4	202.3	130.9	-1.8	-1.8	29.3	30.5	30.8	30.3	30.5	***	30.2	80.0	22.4	2.4	3.4
5	Sargodha	59.0	191.0	132.0	-3.0	-1.2	30.1	32.1	31.8	32.0	32.1	***	***	75.0	*	3.0	4.2
6	Multan	15.5	51.2	35.7	-0.1	0.9	33.8	***	***	***	***	***	***	62.0	60.8	0.7	4.3
7	Khanpur	22.1	0.0	-22.1	0.2	0.7	33.9	***	38.5	38.7	38.7	38.5	36.6	62.0	70.5	*	6.6
8	Tandojam	19.5	0.0	-19.5	0.9	10.5	36.5	***	35.5	***	33.8	***	33.6	66.0	43.9	*	5.4
9	Sakrand	46.3	0.0	-46.3	-0.2	1.8	33.5	42.8	40.3	38.5	38.4	38.3	***	59.0	81.5	5.9	5.0
11	Rohri	3.7	3.0	-0.7	-0.5	-1.7	33.6	***	***	***	***	***	***	55.2	67.5	5.8	4.0
12	D.I Khan	32.8	35.0	2.2	-1.2	1.0	32.0	35.1	34.2	34.1	***	22.8	***	67.0	55.9	2.5	4.6
13	Peshawar	48.8	130.5	81.7	-1.2	-0.6	30.4	30.6	30.9	30.3	30.3	30.0	31.1	76.0	58.6	1.8	4.3
14	Usta M.	0.0	67.0	67.0	-1.5	1.7	33.4	39.1	39.0	39.7	***	***	39.6	60.0	*	4.0	5.5
15	Quetta	0.0	0.0	0.0	-0.2	-0.2	28.3	37.8	36.7	32.8	31.8	31.6	29.5	32.3	106.2	6.2	6.9
16	Skardu	2.7	17.1	14.4	-4.1	-0.7	21.5	***	***	***	***	***	***	60.0	33.4	0.2	3.0
17	Gilgit	6.5	36.1	29.6	-3.8	1.4	25.3	***	***	***	***	***	***	64.3	50.9	2.1	4.0

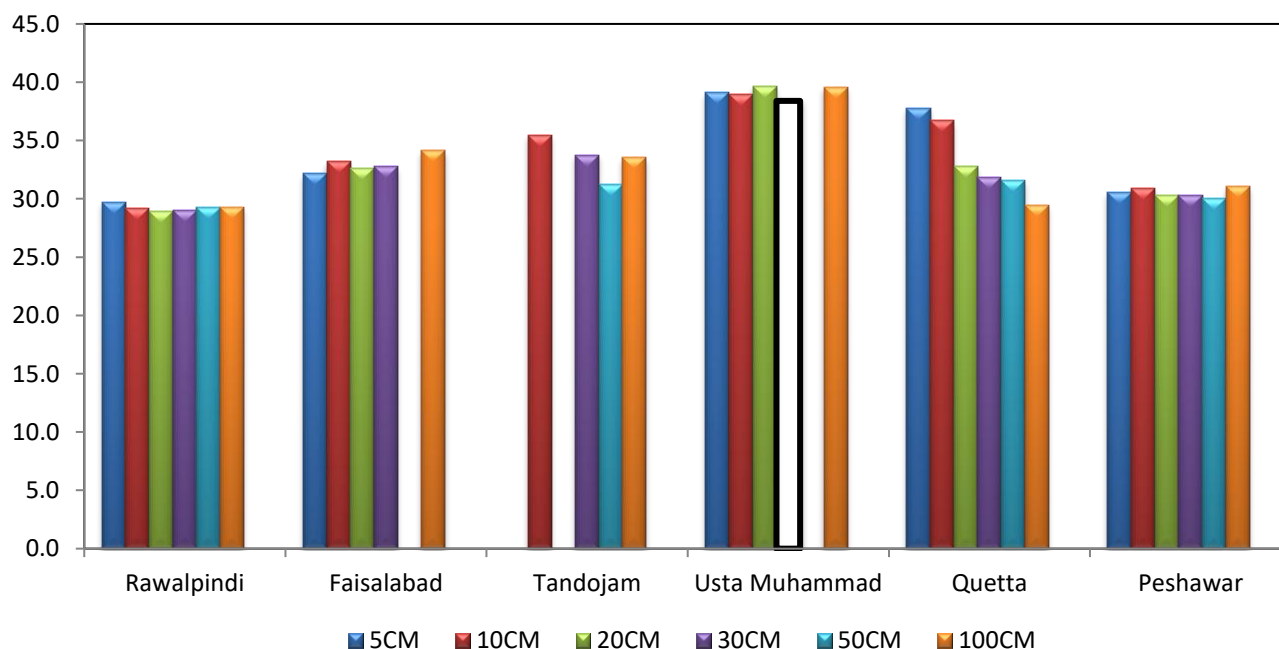
Table-1: Meteorological parameters for selected station of Pakistan. “Dep” in the table stands for difference from climatic normal, i.e. actual value minus normal. The climatic normally used in the Bulletin is extracted from the 2007 - 2016 observed data. ‘ETO’ stands for reference crop Evapotranspiration***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

Precipitation(mm) and Soil Temperature(°C)

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 31st July 2026)

Moderate to heavy precipitation occurred across the most parts of the country particularly KPK, AJK and upper Punjab and southeastern Sindh. Whereas dry weather was reported from western Balochistan and scattered places of central Sindh and south Punjab.

Punjab

Rain-wind/thundershower occurred in most parts of province particularly north east Punjab during the last decade. The decadal maximum and minimum temperatures were observed below normal by 1.8°C and 0.5°C, respectively, across the province. The average relative humidity, sunshine hours, wind speed and reference evapotranspiration (ET_o) were recorded as 73%, 47.2 hours, 2.1 km/hr, and 4.3 mm/day, respectively.

Sindh

Heavy rainfall was recorded from southeastern parts of the province during the last decade. The decadal maximum and minimum temperatures were observed above normal by 0.08°C and 3.56°C, respectively, in the province. Whereas the values of relative humidity, sunshine hours, wind speed, and ET_o were recorded as 60.07%, 64.3 hours, 5.85 km/hr, and 4.8 mm/day, respectively.

1.1 Khyber Pakhtunkhwa

Rain-wind/thundershower occurred across most parts of the province during the last decade. The decadal maximum temperature was observed below normal by 1.24°C, while the minimum temperature remained above normal by 0.21°C in the province. Whereas the values of relative humidity, sunshine hours, wind speed, and ET_o were recorded as 71.5%, 57.25 hours, 2.15 km/hr, and 4.45 mm/day, respectively.

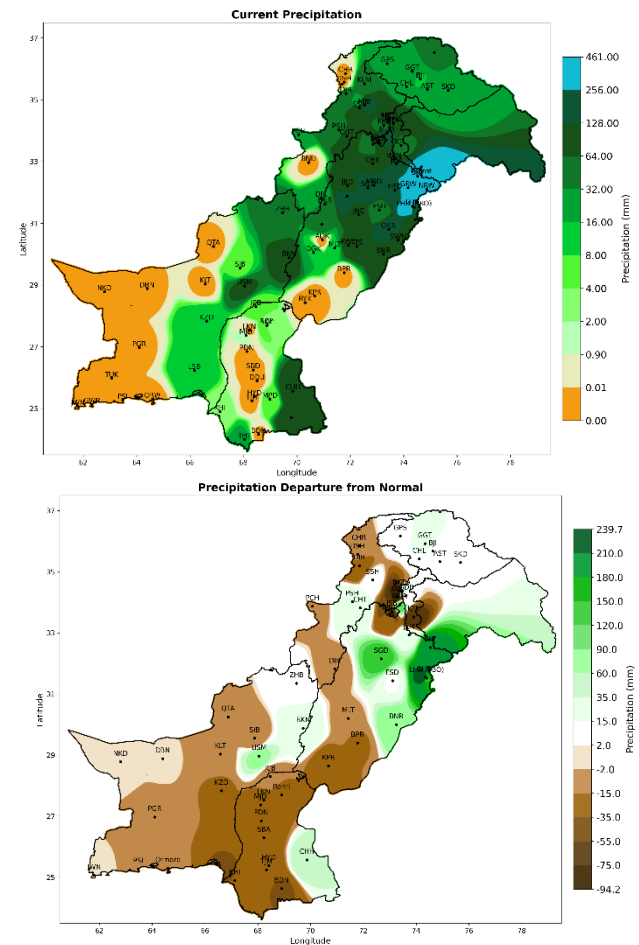
Baluchistan

Light to moderate rainfall was reported from eastern belt of the province during the last decade. The decadal maximum temperature was observed below normal by 0.82°C, while the minimum temperature remained above normal by 0.78°C in the province. Whereas the values of relative humidity, sunshine hours, wind speed, and ET_o were recorded as 46.15%, 106.2 hours, 5.1 km/hr, and 6.2 mm/day, respectively.

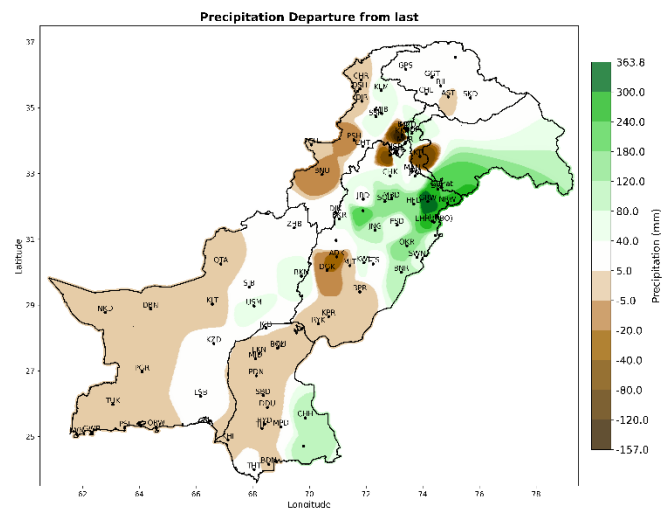
Gilgit-Baltistan and Azad Jammu & Kashmir.

Rain-wind/thundershower occurred across the GB and Azad Jammu & Kashmir during the last decade. The decadal maximum temperature was observed below normal by 3.94°C, while the minimum temperature remained above normal by 0.37°C in the province. Whereas the values of relative humidity, sunshine hours, wind speed, and ET_o were recorded as 62.15%, 42.15 hours, 1.14 km/hr, and 3.5 mm/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 July 2026)

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 108 mm, however, weather remained cloudy for 11 days throughout the decade. Average relative humidity was recorded as 75%. Mean day temperature was 33.0°C while night temperature was recorded as 22.7°C. Wind speed recorded as 2.0 km/hr with mean wind direction reported as 'South Easterly'.

No crops were reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Rain was reported 92.4 mm, however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 78%. Mean day temperature was 34.0°C while night temperature was recorded as 27.2°C with 35.5 hours' bright sunshine duration. Wind speed recorded as 3.2 km/hr. with mean wind direction reported as 'Easterly'.

Cotton: Flowering Completed.

2.3 RAMC, Tandojam (Lower Sindh)

Dry weather was reported during the decade, however, weather remained cloudy for 10 days. Average relative humidity recorded as 66%. Mean day temperature was 36.7°C while night temperature was recorded as 26.7°C with 43.9 hours' bright sunshine duration. Mean wind direction 'South Westerly'.

Cotton: Budding stage.

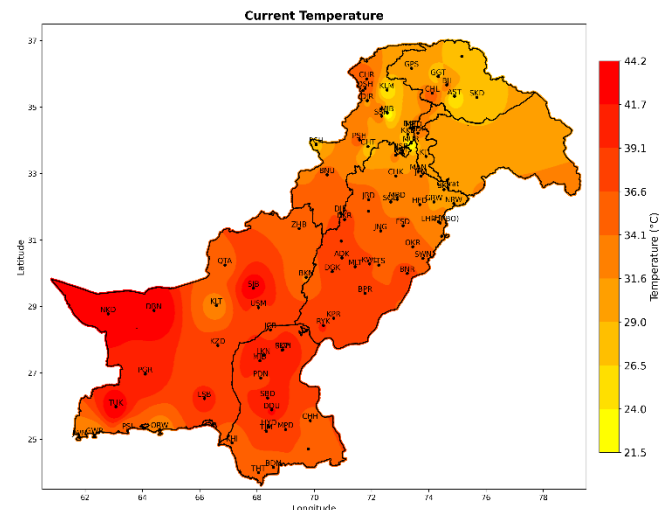
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Rain was reported 67.0 mm however, weather remained cloudy for 9 days during the decade. Average relative humidity recorded as 60%. Mean day temperature was 38.8°C while night temperature was recorded as 28.0°C. Wind speed was recorded as 4.0 km/hr. with mean wind direction reported as 'South Easterly'.

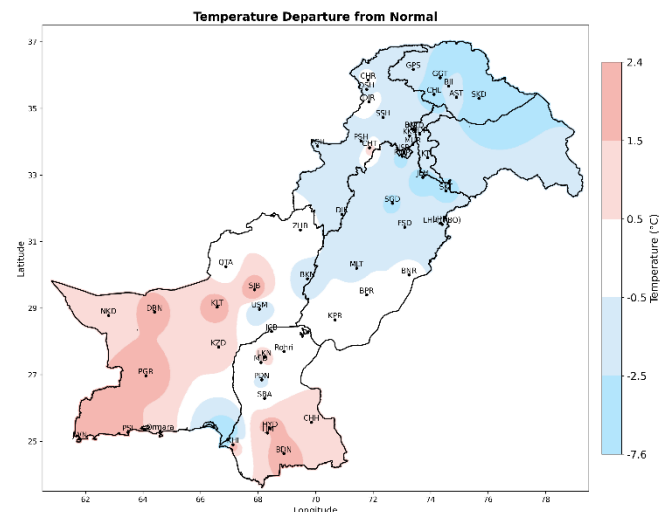
Rice: Germination Stage.

2.5 RAMC, Quetta (Northern Baluchistan)

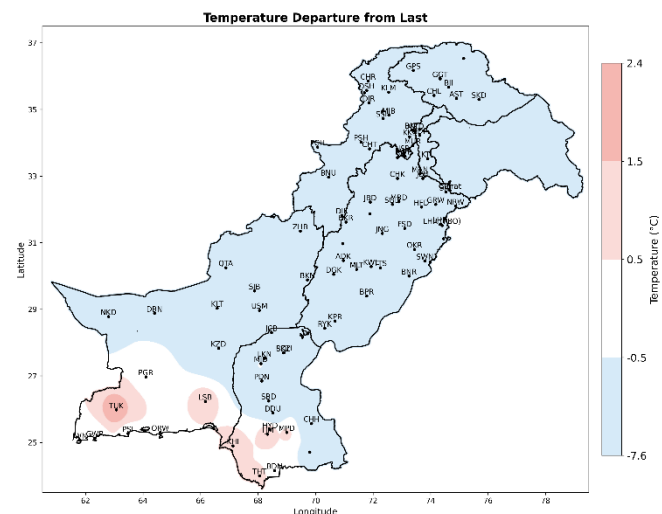
Rainfall was reported as 0.01 mm (Trace) during the decade however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 32.3%. Mean day temperature was 35.4°C while night temperature recorded as 21.1°C with 106.2 hours bright sunshine duration. Wind speed recorded as 6.2 km/hr. with mean wind direction reported as '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 July 2026)

2.6 Jhelum

Rain was reported as 142.0 mm, however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 82%. Mean day temperature was 31.6°C while night temperature was recorded as 24.6°C. Wind speed recorded as 1.3 km/hr. with mean wind direction reported as 'South Easterly'.

2.7 Lahore

Rainfall was reported as 202.3 mm, however, weather remained cloudy for 11 days during the decade. Average relative humidity recorded as 80%. Mean day temperature was 33.2°C while night temperature was recorded as 25.4°C with 22.4 hours bright sunshine duration. Wind speed recorded as 2.4 km/hr. with mean wind direction reported as 'North Easterly'.

2.8 Sargodha

Rainfall was reported as 191.0 mm during the decade; weather remained cloudy for 11 days during the decade. Average relative humidity recorded as 75%. Mean day temperature was 34.0°C while night temperature was recorded as 26.1°C. Wind speed recorded as 3.0 km/hr. with mean wind direction reported as 'North Easterly'.

Cotton: Stem Extension.

2.9 Multan

Rainfall was reported as 51.2 mm weather remained cloudy for 11 days during the decade. Average relative humidity recorded as 62%. Mean day temperature was 38.0°C while night temperature was recorded as 29.6°C with 60.8 hours bright sunshine duration. Wind speed recorded as 0.7 km/hr. with mean wind direction reported as 'North Easterly'.

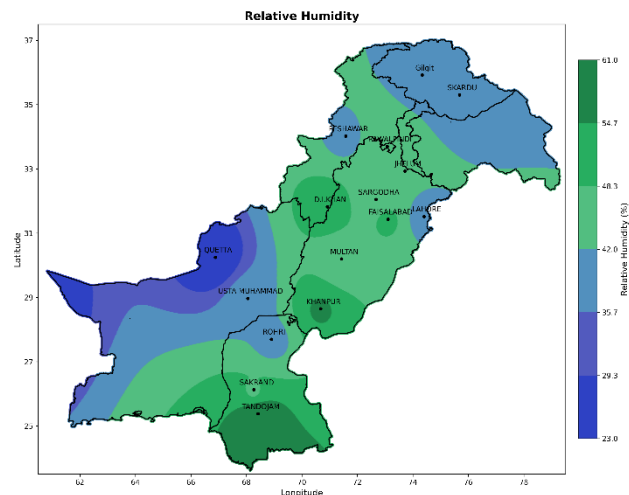
2.10 Khanpur

Dry weather was reported however, weather remained cloudy for 7 days. Average relative humidity recorded as 62%. Mean day temperature was 38.6°C while night temperature was recorded as 29.2°C with 70.5 hours bright sunshine duration. Wind direction reported as 'North Easterly'.

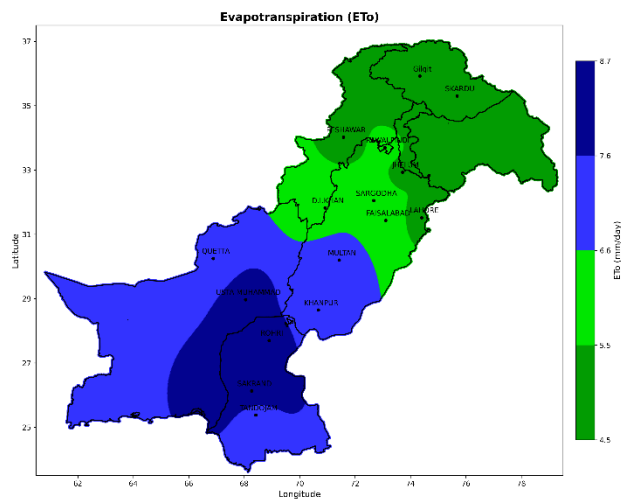
2.11 Sakrand

Dry weather was reported, however, weather remained cloudy for 7 days. Average relative humidity was recorded as 59%. Mean day temperature was 38.7°C while night temperature was recorded as 28.2°C with 81.5 hours bright sunshine duration. Wind speed recorded as 5.9 km/hr with mean wind direction reported as 'South Easterly'.

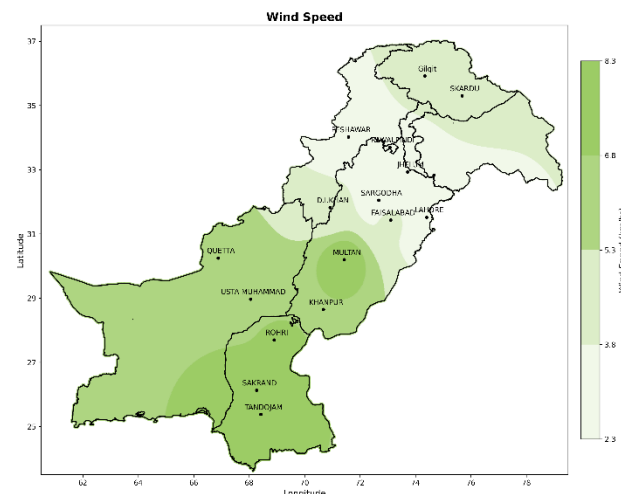
VII. Relative Humidity in Percentage (%)



VIII. Reference Crop Evapotranspiration ETO (mm/day)



IX. Wind Speed in kilometer per hour (km/h)



2.12 Rohri

Rainfall was reported as 3.0 mm however, weather remained cloudy for 8 days. Average relative humidity recorded as 55.2%. Mean day temperature was 39.6°C while night temperature was recorded as 27.6°C with 67.5 hours bright sunshine duration. Wind speed recorded as 5.8 km/hr. with mean wind direction reported as 'South Easterly'.

2.13 D.I. Khan

Rainfall was reported as 35.0 mm however, weather remained cloudy for 9 days during the decade. Average relative humidity was recorded as 67%. Mean day temperature was 36.5°C while night temperature was recorded as 27.4°C with 55.9 hours bright sunshine duration. Wind speed recorded as 2.5 km/hr. with mean wind direction reported as 'North Easterly'.

2.14 Peshawar

Rain was reported 130.50 mm however, weather remained cloudy for 11 days during the decade. Average relative humidity recorded as 76%. Mean day temperature was 34.9°C while night temperature was recorded as 25.9°C with 58.6 hours bright sunshine duration. Wind speed recorded as 1.8 km/hr with mean wind direction reported as 'North Westerly'.

2.15 Skardu

Rain was reported 17.1 mm however, weather remained cloudy for 9 days during the decade. Average relative humidity recorded as 60%. Mean day temperature was 27.2°C while night temperature was recorded as 15.8°C with 33.4 hours bright sunshine duration. Wind speed recorded as 0.2 km/hr with mean wind direction reported as 'Northerly'.

2.16 Gilgit

Rain was reported as 36.1 mm however, weather remained cloudy for 11 days during the decade. Average relative humidity recorded as 64.3%. Mean day temperature was 31.9°C while night temperature was recorded as 18.6°C with 50.9 hours bright sunshine duration. Wind speed recorded as 2.08 km/hr with mean wind direction reported as 'Variable'.

Ten Days Weather Advisory for Farmers **(1st to 10th August 2026)**

3.1 Temperature Forecast

Normal to slightly above normal mean temperature is likely over most parts of the county.

3.2 Wind Forecast

Generally, normal to slightly above normal wind patterns may prevail in most of the agricultural plains of the country. However, dust storm/gusty winds are expected during the first half of the decade, mostly in upper half of the country.

3.3 Rain Forecast**❖ Punjab:**

Rain-windstorm/thundershower is expected in most parts of the province during the decade.

❖ Khyber Pakhtunkhwa:

Rain-windstorm/thundershower is expected in most parts of the province during the decade.

❖ Sindh:

Hot and humid weather is expected to prevail over most parts during the decade.

❖ Baluchistan:

Hot and humid weather is likely 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 Gilgit Baltistan during the decade.

3.4 Advisory for Farmers

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