

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Moderate to heavy precipitation was reported from upper parts of the country particularly upper Punjab, central parts of KPK and Azad Jammu & Kashmir.
- ❖ Dry weather conditions prevailed over most parts of Balochistan and Sindh.
- ❖ Highest amount of rainfall recorded was 199 mm at Kakul during the last decade.
- ❖ Highest Maximum temperature recorded was 48.5 at Turbat during the last decade.
- ❖ Rain-wind/thundershowers (with moderate to few heavyfalls) is expected in Khyber Pakhtunkhwa, Kashmir, Gilgit Baltistan, Punjab and northeast Balochistan. Isolated rain-wind/thundershowers is also likely in southeastern/upper Sindh during the last decade of July 2026.
- ❖ Farmers are advised to follow the weather forecast issued by PMD to proceed for any field activity.

**NATIONAL AGROMET CENTRE (NAMC)
PAKISTAN METEOROLOGICAL DEPARTMENT
SECTOR H-8/2, ISLAMABAD**

Patron-in-Chief: *Dr. Muhammad Afzaal Director General*

Editor-in-Chief: *Ms. Asma Jawad Hashmi, Director*

Editor: *Dr Tariq Mahmood, Meteorologist*

Phone: [+92-51-9250592](tel:+92-51-9250592) Email: dirnamc@yahoo.com

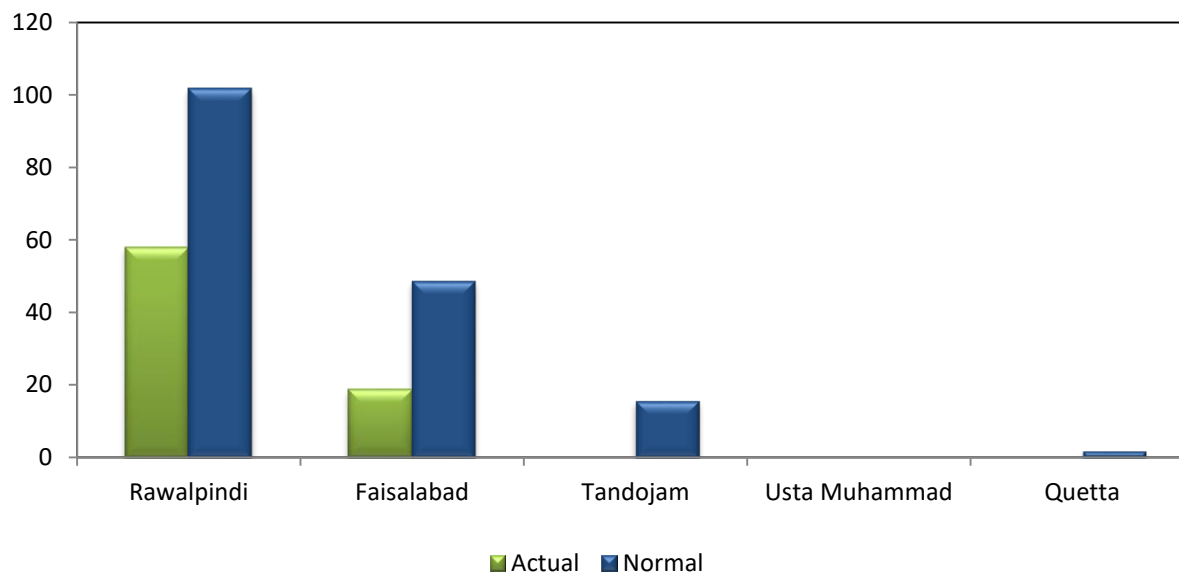
Meteorological Conditions during 2nd Decade of July 2026

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	101.8	58.0	-43.8	1.6	0.2	30.7	32.2	31.5	31.8	30.7	30.8	29.9	62	0.0	3.2	5.7
2	Faisalabad	48.8	18.8	-30.0	1.6	1.7	33.6	37.3	36.9	36.4	35.9	***	35.0	54	79.5	4.1	5.8
3	Jhelum	73.3	99.8	26.5	1.6	0.2	32.2	***	36.0	34.9	34.3	34.2	***	61	61.5	2.1	4.9
4	Lahore	72.2	11.6	-60.6	1.7	0.3	32.3	34.0	34.1	33.1	32.7	***	31.3	60	41.0	2.0	4.1
5	Sargodha	39.5	55.0	15.5	2.0	0.6	34.2	37.5	36.4	35.4	35.2	***	***	58	40.7	2.8	4.5
6	Multan	13.7	43.6	29.9	0.0	0.5	34.3	***	***	***	***	***	***	53	69.0	10.4	7.2
7	Khanpur	6.1	0.0	-6.1	0.1	-0.3	34.2	***	40.0	39.7	39.5	39.0	36.7	58	83.7	U/S	6.7
8	Tandojam	15.8	0.0	-15.8	-0.2	-0.1	31.1	***	35.4	***	34.2	***	34.0	66	48.1	Nil	5.1
9	Sakrand	19.6	0.0	-19.6	2.0	0.8	34.2	43.4	40.4	39.1	38.7	38.6	***	54	88.0	9.6	7.7
11	Rohri	2.2	0.0	-2.2	0.8	-2.2	34.6	***	***	***	***	***	***	49	91.5	8.1	7.6
12	D.I Khan	18.1	0.0	-18.1	2.4	2.2	34.6	37.9	36.9	36.2	***	23.8	***	56	71.0	2.7	5.3
13	Peshawar	14.3	2.4	-11.9	1.6	1.1	33.4	31.2	34.0	32.6	32.1	31.2	32.1	64	67.9	2.5	5.0
14	Usta M.	0.0	0.0	0.0	-0.4	0.2	35.4	40.2	40.9	40.6	***	***	40.3	55	***	6.4	7.1
15	Quetta	1.9	0.0	-1.9	0.9	0.5	29.3	38.9	37.8	33.1	31.9	31.5	29.1	30	102.5	5.8	6.8
16	Skardu	3.3	2.7	-0.6	0.1	0.9	24.4	***	***	***	***	***	***	38	59.2	1.8	4.2
17	Gilgit	3.3	3.8	0.5	1.1	2.5	28.1	***	***	***	***	***	***	41	77.9	3.3	5.3

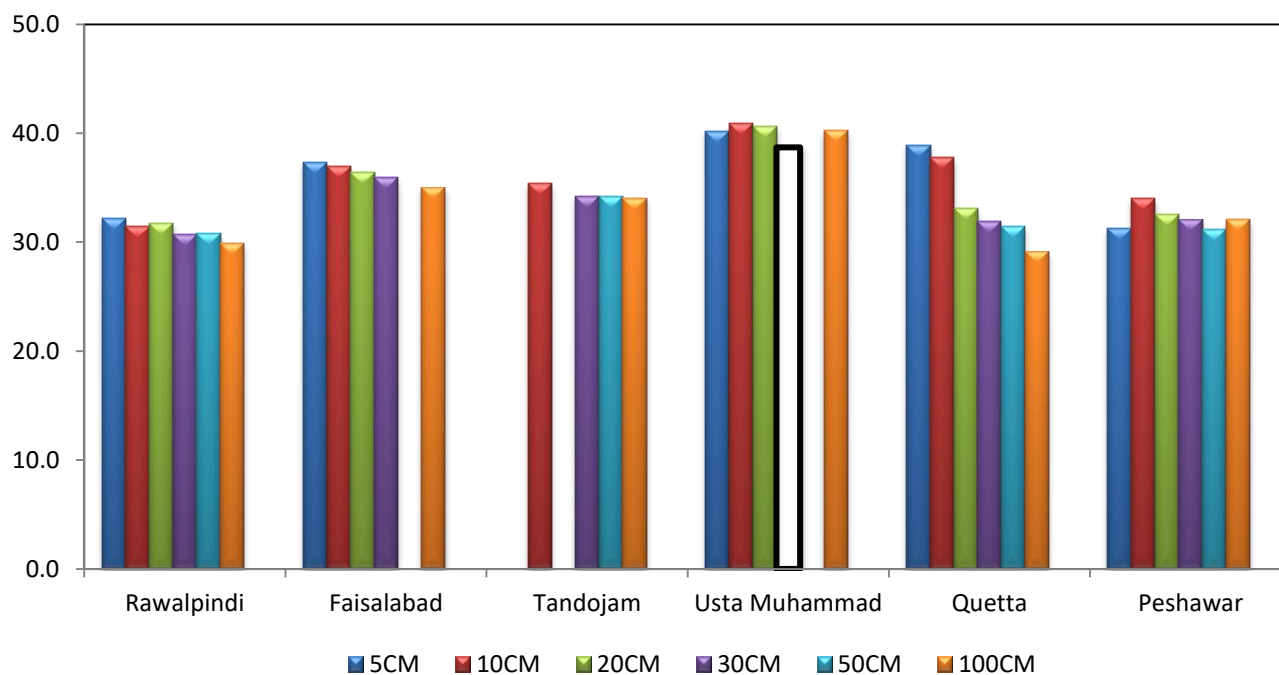
Table-1: Meteorological parameters for selected station of Pakistan. "Dep" in the table stands for difference from climatic normal, i.e. actual value minus normal. The climatic normally used in the Bulletin is extracted from the 2007 - 2016 observed data. 'ETO' stands for reference crop Evapotranspiration***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

Precipitation(mm) and Soil Temperature(°C)

Precipitation(mm) during 2nd Decade



Soil Temperature(°C)



* Faisalabad (50 cm), Tandojam (5cm) and Usta Muhammad (30 cm & 50 cm) soil temperature data is not available.

Past Weather (11th to 20th July 2026)

Moderate to heavy precipitation was reported from upper parts of the country particularly upper Punjab, central parts of KPK and Azad Jammu & Kashmir. Dry weather conditions prevailed over most parts of Balochistan and Sindh.

1.1 Punjab

Moderate to heavy rainfall was reported from the province during the last decade. The decadal maximum and minimum temperatures were observed above normal by 1.2°C and 0.5°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 58%, 53.63 hrs, 4.1 km/hr and 5.6 mm/day respectively.

1.2 Sindh

Dry weather conditions prevailed across the province during the last decade. The decadal maximum temperature was reported above normal by 0.9°C and minimum temperatures was observed slightly below normal by 0.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 56%, 75.9 hours, 8.9 km/hr, and 6.8 mm/day respectively.

1.3 Khyber Pakhtunkhwa

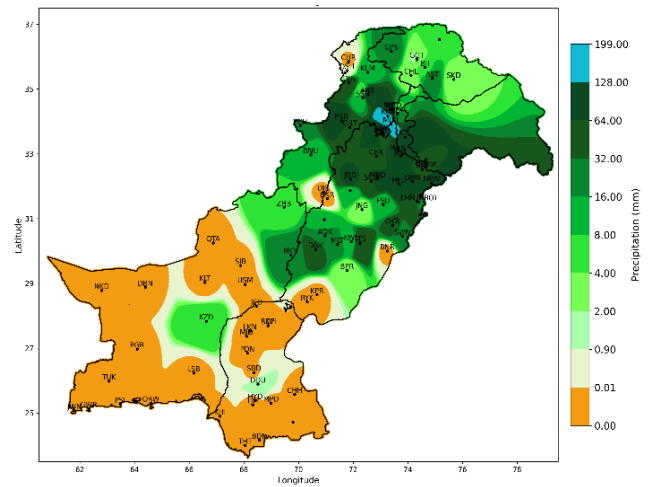
Moderate to heavy rainfall was recorded from the most parts of the province during the last decade. The decadal maximum temperatures and minimum temperatures were observed above normal by 2.0°C and 1.7°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 60%, 69.5 hrs, 2.6 km/hr and 5.2 mm/day respectively.

1.4 Balochistan

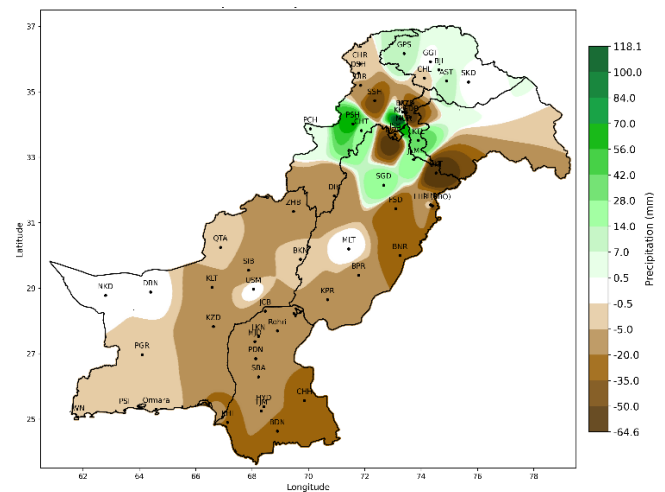
Light to moderate rainfall was reported from northeastern parts of the province while dry weather conditions prevailed across the rest of the province during the last decade. The decadal maximum and minimum temperatures were observed slightly above normal by 0.3°C and 0.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 43%, 102.50 hrs, 6.1 km/hr and 7.0 mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

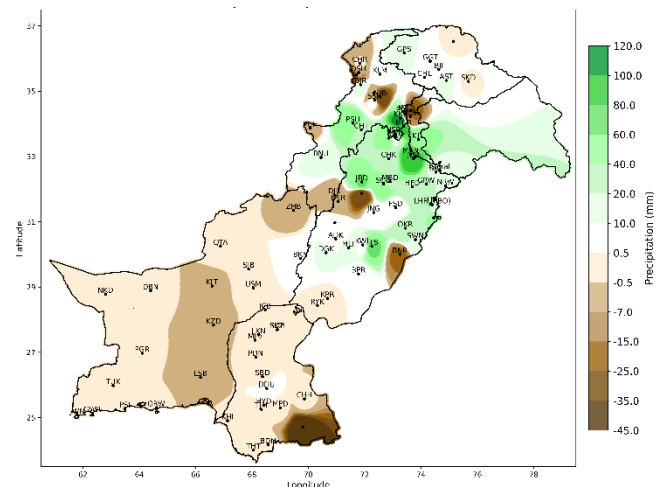
Moderate to heavy rainfall was reported from Gilgit Baltistan and Azad Jammu & Kashmir during the last decade. The decadal maximum and minimum temperatures were observed above normal by 0.6°C and 1.7°C at the selected locations of the region. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 40%, 68.6 hrs, 2.6 km/hr and 4.8 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**
(11th to 20th July 2026)

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 58 mm; however, weather remained cloudy throughout the decade. Average relative humidity was recorded as 62%. Mean day temperature was 37.4°C while night temperature was recorded as 24.0°C. Wind speed recorded as 3.2 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 18.8 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 54%. Mean day temperature was 38.9°C while night temperature was recorded as 28.2°C with 79.5 hours' bright sunshine duration. Wind speed recorded as 4.1 km/hr. with mean wind direction reported as 'Southerly'.

Cotton: Flowering stage Completed.

2.3 RAMC, Tandojam (Lower Sindh)

Dry weather was reported during the decade; however, weather remained cloudy for 07 days. Average relative humidity recorded as 66%. Mean day temperature was 35.9°C while night temperature was recorded as 26.3°C with 48.1 hours' bright sunshine duration. Mean wind direction reported as South-westerly.

Cotton: Flowering stage.

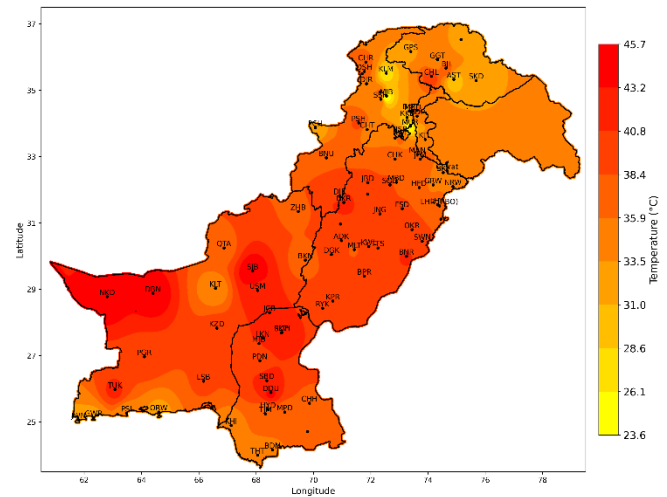
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Dry weather was reported during the decade; however, weather remained cloudy for 06 days during the decade. Average relative humidity recorded as 55%. Mean day temperature was 42.0°C while night temperature was recorded as 28.8°C. Wind speed was recorded as 6.4 km/hr. with mean wind direction reported as 'South Easterly'.

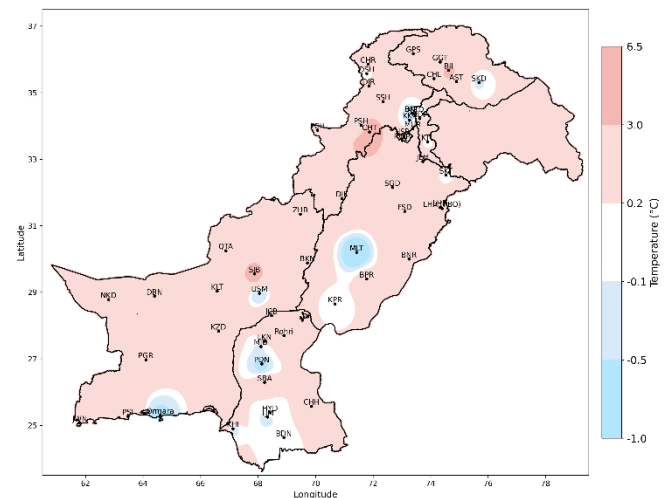
Rice: Emergence Stage.

2.5 RAMC, Quetta (Northern Baluchistan)

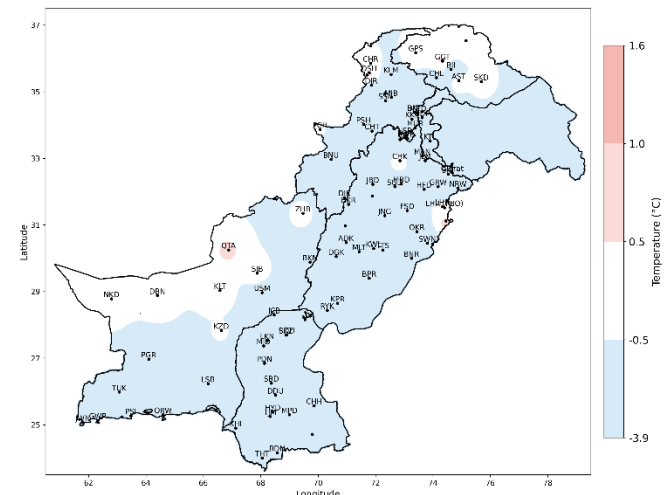
Dry weather was reported during the decade; however, weather remained cloudy for 07 days during the decade. Average relative humidity recorded as 30%. Mean day temperature was 37.0°C while night temperature recorded as 21.6°C with 102.5 hours' bright sunshine duration. Wind speed recorded as 5.8 km/hr. 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 (11th to 20th July 2026)

2.6 Jhelum

Rain was reported as 99.8 mm; however, weather remained cloudy throughout the decade. Average relative humidity recorded as 61%. Mean day temperature was 37.8°C while night temperature was recorded as 26.6°C with 61.5 hours' bright sunshine duration. Wind speed recorded as 2.1 km/hr. with mean wind direction reported as 'South Easterly'.

2.7 Lahore

Rain was reported as 11.6 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 60%. Mean day temperature was 37.2°C while night temperature was recorded as 27.3°C with 41.0 hours' bright sunshine duration. Wind speed recorded as 2.0 km/hr. with mean wind direction reported as 'Variable'.

2.8 Sargodha

Rain was reported as 55.0 mm; however, weather remained cloudy for 09 days during the decade. Average relative humidity recorded as 58%. Mean day temperature was 39.9°C while night temperature was recorded as 28.4°C with 40.7 hours' bright sunshine duration. Wind speed recorded as 2.8 km/hr. with mean wind direction reported as 'Easterly'.

Cotton: Flowering Stage.

2.9 Multan

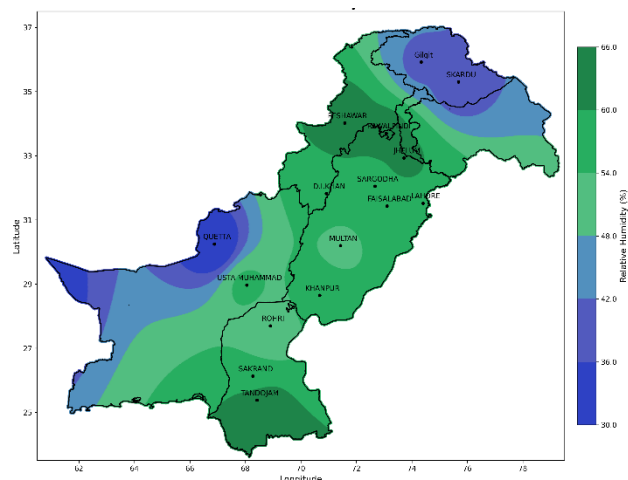
Rain was reported as 43.6 mm; weather remained cloudy for 07 days during the decade. Average relative humidity recorded as 53%. Mean day temperature was 38.9°C while night temperature was recorded as 29.7°C with 69 hours' bright sunshine duration. Mean wind speed recorded as 10.4 km/hr. with mean wind direction reported as 'South Westerly'.

2.10 Khanpur

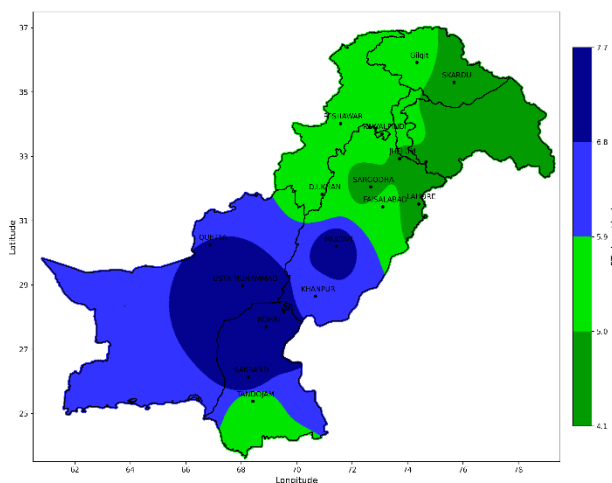
Dry weather was reported during the decade; however, weather remained cloudy for 06 days. Average relative humidity recorded as 58%. Mean day temperature was 39.7°C while night temperature was recorded as 28.7°C with 83.7 hours' bright sunshine duration.

2.11 Sakrand

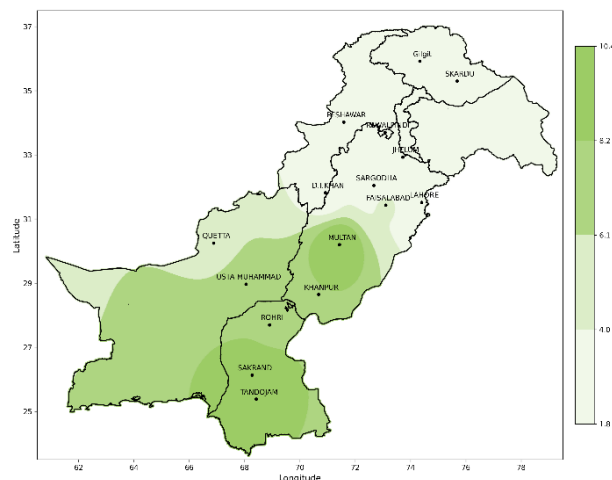
Dry weather was reported during the decade; however, weather remained cloudy for 03 days. Average relative humidity recorded as 54%. Mean day temperature was 40.9°C while night temperature was recorded as 27.5°C with 88.0 hours' bright sunshine duration. Mean wind speed recorded as 9.6 km/hr. with mean wind direction reported as 'Southerly'.



VII. Relative Humidity in Percentage (%)



VIII. Reference Crop Evapotranspiration ET0 (mm/day)



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

2.12 Rohri

Dry weather was reported during the decade; however, weather remained cloudy for 04 days. Average relative humidity recorded as 49%. Mean day temperature was 41.9°C while night temperature was recorded as 27.3°C with 91.5 hours' bright sunshine duration. Mean wind speed recorded as 8.1 km/hr. with mean wind direction reported as 'South Easterly'. Cotton; Flowering stage.

2.13 D.I. Khan

Rain was reported as 0.01 mm (Trace) during the decade; however, weather remained cloudy for 05 days. Average relative humidity recorded as 56%. Mean day temperature was 40.4°C while night temperature was recorded as 28.7°C with 71.0 hours' bright sunshine duration. Mean wind speed recorded as 2.7 km/hr. with mean wind direction reported as 'South Easterly'.

2.14 Peshawar

Rain was reported as 2.4 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 64%. Mean day temperature was 38.8°C while night temperature was recorded as 28.0°C with 67.9 hours' bright sunshine duration. Mean wind speed recorded as 2.5 km/hr. with mean wind direction reported as 'North Westerly'.

2.15 Gilgit

Rain was reported as 3.8 mm; however, weather remained cloudy for 09 days during the decade. Average relative humidity recorded as 41%. Mean day temperature was 37.03°C while night temperature was recorded as 19.2°C with 77.9 hours' bright sunshine duration. Mean wind speed recorded as 3.3 km/hr. with mean wind direction reported as 'Easterly'.

2.16 Skardu

Rain was reported as 2.7 mm; however, weather remained cloudy for 06 days during the decade. Average relative humidity recorded as 38%. Mean day temperature was 31.9°C while night temperature was recorded as 16.9°C with 59.2 hours' bright sunshine duration. Mean wind speed recorded as 1.8 km/hr. with mean wind direction reported as 'South Easterly'.

**Ten Days Weather Advisory for Farmers
(21st to 31st July 2026)****3.1 Temperature Forecast**

Near normal mean temperature is likely over most parts of the country.

3.2 Wind Forecast

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

3.3 Rain Forecast**❖ Punjab:**

Rain-wind/thundershowers (with moderate to few heavyfalls) is expected in most parts of the province during the decade.

❖ Khyber Pakhtunkhwa:

Rain-windstorm/thundershower (with moderate to few heavyfalls) is expected in most parts of the province during the decade.

❖ Sindh:

Isolated rain-wind/thundershowers is likely in southeastern/upper Sindh during the decade.

❖ Balochistan:

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

❖ Gilgit-Baltistan:

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

❖ Kashmir:

Rain-wind/thundershower (with moderate to few heavyfalls) is likely in Kashmir during the decade.

3.4 Advisory for Farmers

Farmers are advised to follow the weather forecast issued by PMD and take necessary precautionary measures in order to protect their crops and orchards.