

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Moderate to high precipitation, with a few isolated heavy rainfall events, was observed across the northern and northeastern parts of Pakistan, particularly over the Pothohar Plateau, Upper Punjab, Upper Khyber Pakhtunkhwa, Azad Jammu & Kashmir, and adjoining areas of Gilgit-Baltistan.
- ❖ Light to moderate rainfall was also recorded over several central parts of the country, including portions of central Punjab and Khyber Pakhtunkhwa.
- ❖ Dry conditions were reported from southwestern Balochistan, as well as Lower Sindh, where little to no measurable precipitation was recorded during the 2nd decade of June 2026.
- ❖ Highest amount of rainfall recorded was 153 mm at Malamjaba during the last decade.
- ❖ Highest Maximum temperature recorded was 46.9 at Sibbi during the last decade.
- ❖ Rain-wind/thunderstorm is likely in isolated areas of mostly upper and central parts of Khyber Pakhtunkhwa, upper and central areas of Punjab, Gilgit Baltistan, Kashmir and northeastern Balochistan during the decade.
- ❖ Farmers are advised to irrigate and add pesticides to Kharif crops according to PMD weather forecasts.

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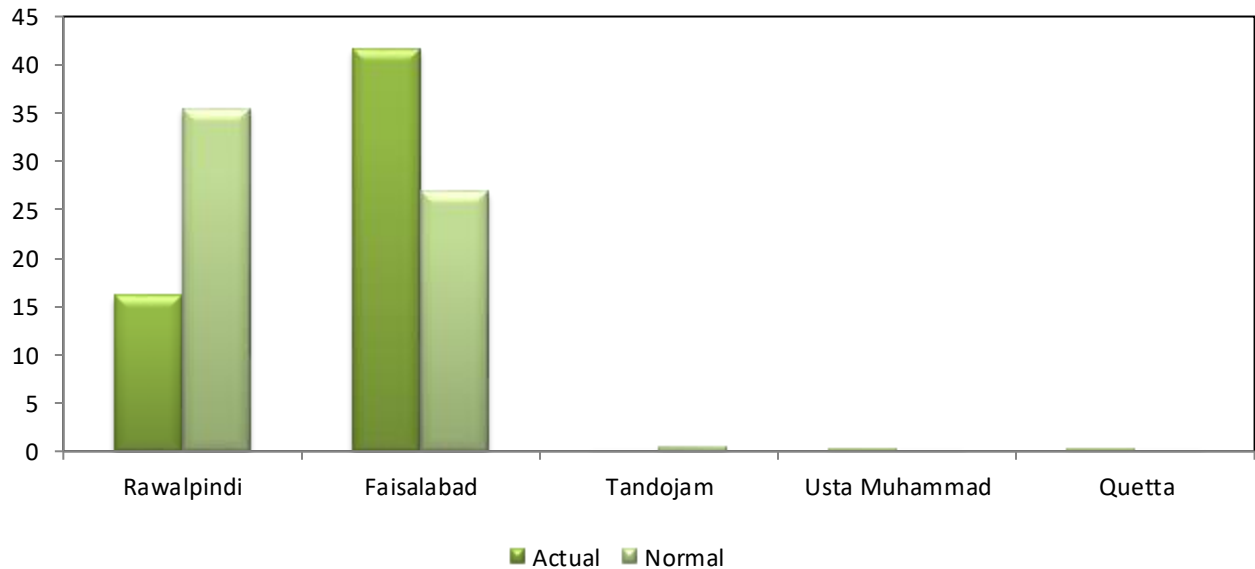
Meteorological Conditions during 2nd Decade of June 2026

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	35.4	16.0	-19.4	0.5	-0.3	30.3	31.1	30.6	29.7	29.1	28.8	27.6	47.5	73.7	3.6	5.6
2	Faisalabad	26.8	41.6	14.8	-1.1	-0.5	31.7	35.3	34.9	34.4	33.8	***	32.8	49.0	93.4	4.0	6.1
3	Jhelum	28.2	3.0	-25.2	0.1	-1.1	32.3	***	36.1	34.3	32.8	32.2	***	42.0	92.0	2.3	5.5
4	Lahore	34.5	6.9	-27.6	-1.0	-2.3	31.6	34.0	34.0	32.4	32.0	***	30.0	40.0	82.4	2.6	5.3
5	Sargodha	18.3	26.6	8.3	-1.4	-1.7	32.0	36.8	35.4	34.3	34.0	***	***	46.0	82.0	3.1	5.7
6	Multan	4.0	7.4	3.4	-2.2	-0.7	33.8	***	***	***	***	***	***	44.0	67.4	7.7	7.6
7	Khanpur	2.4	30.6	28.2	-2.1	-1.4	33.3	***	38.8	38.6	38.5	38.2	35.7	55.0	74.0	***	6.6
8	Tandojam	0.4	0.0	-0.4	-1.3	-0.3	32.2	***	38.3	***	36.0	***	34.3	61.0	94.0	***	7.2
9	Sakrand	0.0	0.0	0.0	0.9	1.3	35.5	43.9	40.9	39.0	38.9	38.5	***	48.0	101.7	8.3	8.7
11	Rohri	2.6	***	***	0.1	-0.7	36.0	***	***	***	***	***	***	40.7	91.0	7.0	8.1
12	D.I Khan	15.0	17.0	2.0	-1.2	0.7	32.7	35.1	34.4	34.0	***	21.5	***	52.0	77.5	4.2	5.9
13	Peshawar	7.9	0.3	-7.6	0.3	-0.8	32.0	34.7	34.0	31.9	31.0	30.0	30.8	41.0	80.0	2.6	5.4
14	Usta M.		8.7	-2.8	-0.4	-0.1	32.3	34.9	34.2	32.9	31.0	25.8	30.8	46.5	78.8	3.4	5.7
15	Quetta	0.0	0.0	0.0	-0.9	0.9	36.8	41.0	40.2	40.4	***	***	39.1	39.0	**	5.7	8.1
16	Skardu	0.0	0.0	0.0	-0.4	1.4	27.1	35.9	35.5	30.8	29.7	29.3	26.7	23.0	105.6	6.0	6.9
17	Gilgit	2.8	2.3	-0.5	-2.3	-1.1	20.0	***	***	***	***	***	***	39.0	49.2	4.2	4.5

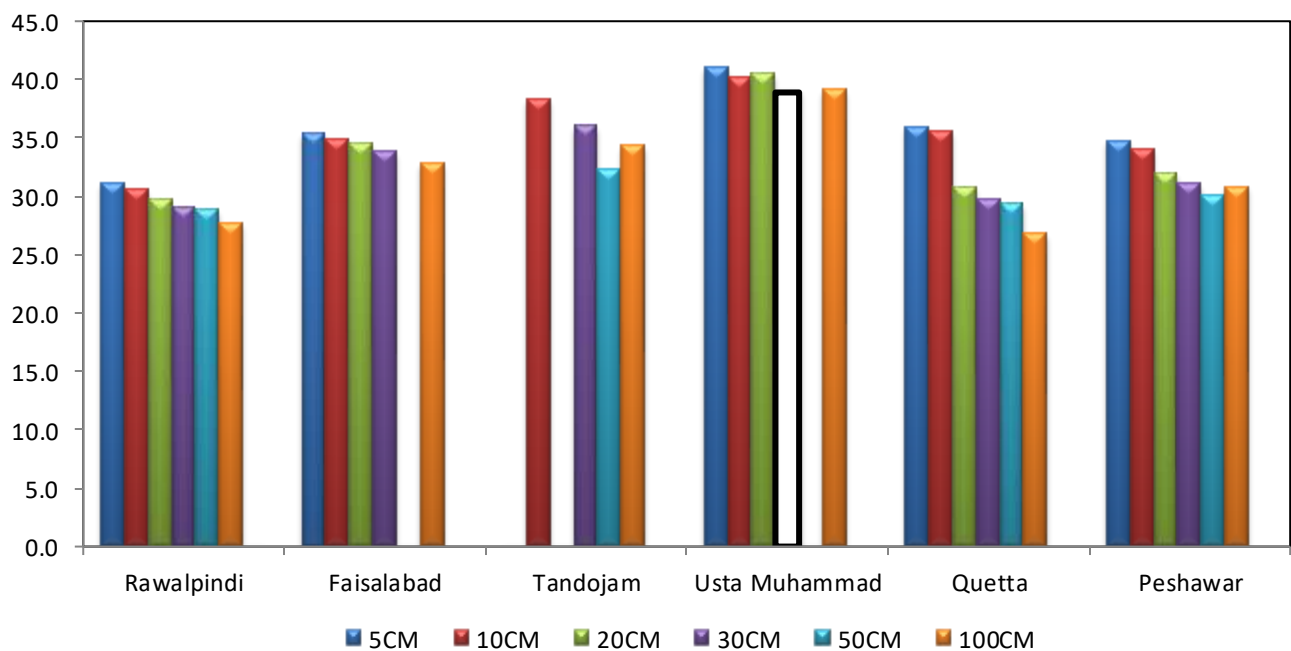
Table-1: Meteorological parameters for selected station of Pakistan. "Dep" in the table stands for difference from climatic normal, i.e. actual value minus normal. The climatic normally used in the Bulletin is extracted from the 2007 - 2016 observed data. 'ETo' stands for reference crop Evapotranspiration***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

Precipitation(mm) and Soil Temperature(°C)

Precipitation(mm) during 2nd Decade



Soil Temperature(°C)



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

Past Weather (11th to 20th June 2026)

Moderate to high precipitation, with a few isolated heavy rainfall events, was observed across the northern and northeastern parts of Pakistan, particularly over the Pothohar Plateau, Upper Punjab, Upper Khyber Pakhtunkhwa, Azad Jammu & Kashmir, and adjoining areas of Gilgit-Baltistan. Light to moderate rainfall was also recorded over several central parts of the country, including portions of central Punjab and Khyber Pakhtunkhwa. Dry conditions were reported from southwestern Balochistan, as well as Lower Sindh, where little to no measurable precipitation was recorded.

1.1 Punjab

Light to moderate rain (along with isolated heavy fall) was reported over the province during the last decade. The decadal maximum temperatures and minimum temperatures were observed below normal by 1.0 and 1.1°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 46.2%, 86.7 hrs, 2.3.9 km/hr. and 6.1 mm/day respectively.

1.2 Sindh

Light to moderate rain (along with isolated dry weather) was reported from province during the last decade. The decadal maximum temperatures were observed below normal by 0.1 and minimum temperatures were observed above normal by 0.1°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 49.9%, 67.4 hours, 7.7 km/hr., and 8.0 mm/day respectively.

1.3 Khyber Pakhtunkhwa

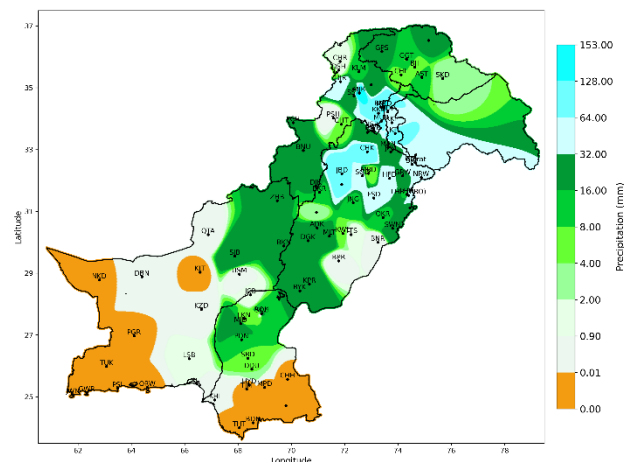
Light to moderate rain (along with isolated heavy fall) was reported over the province during the last decade. The decadal maximum temperatures and minimum temperatures were observed below normal by 0.4 and 0.1°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 46.5%, 67.4 hrs, 7.7 km/hr. and 5.7 mm/day respectively.

1.4 Baluchistan

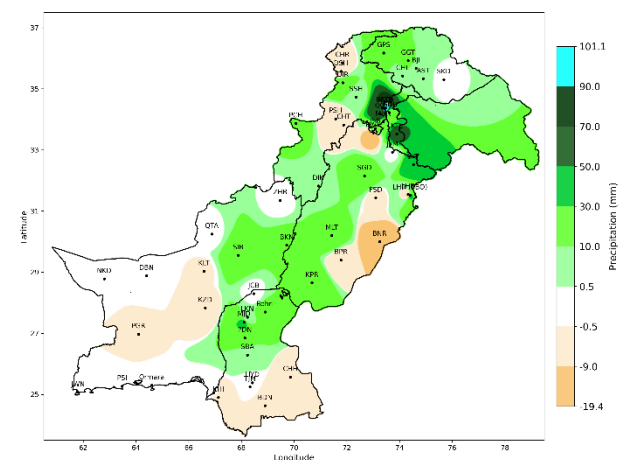
Light to moderate rain (along with isolated dry weather) was reported from province during the last decade. The decadal maximum temperatures were observed below normal by 0.6 and minimum temperature were observed above normal by 1.1°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 31%, 105.6 hrs, 5.9 km/hr and 7.5 mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

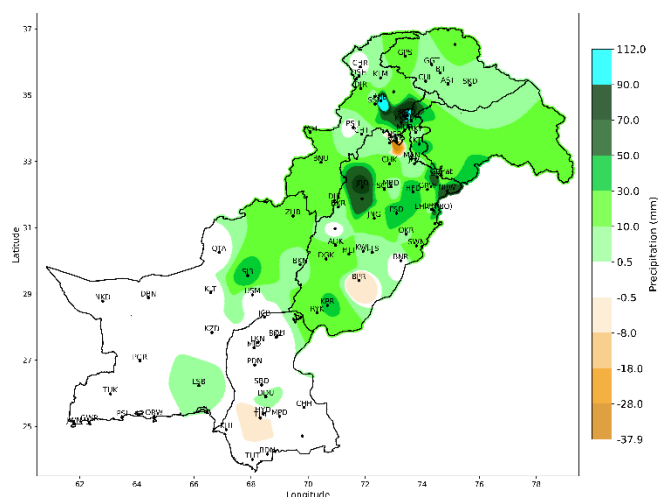
Light to moderate rain (along with isolated heavy fall) was reported over the province during the last decade. The decadal maximum temperatures were observed below normal by 2.8 and minimum temperature were observed above normal by 0.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 39%, 50.3 hrs, 4.3 km/hr and 4.6 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 June 2026)

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 16.00 mm; however, weather remained cloudy throughout the decade. Average relative humidity was recorded as 48%. Mean day temperature was 37.8 °C while night temperature was recorded as 22. °C with 73.7 hours' bright sunshine duration. Wind speed recorded as 3.6 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 41.6 mm; however, weather remained cloudy for 08 days during the decade. Average relative humidity recorded as 41%. Mean day temperature was 38.0°C while night temperature was recorded as 25.4°C with 93.4 hours' bright sunshine duration. Wind speed recorded as 4.0 km/hr. with mean wind direction reported as 'South Easterly'.
Cotton: Third Leaf stage Completed.

2.3 RAMC, Tandojam (Lower Sindh)

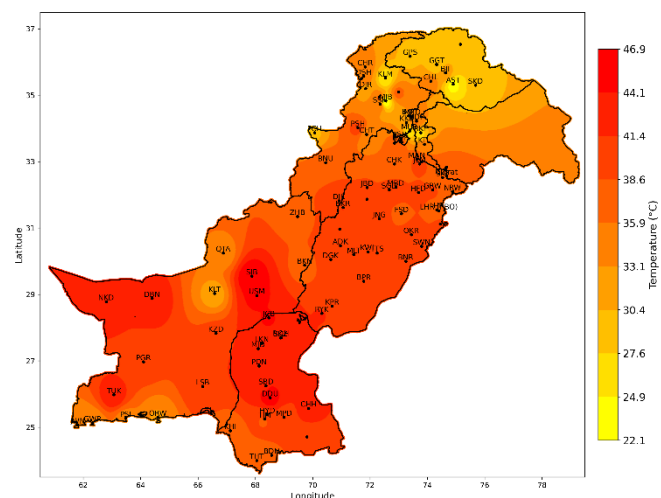
Dry weather was reported during the decade; however, weather remained cloudy for 02 days. Average relative humidity recorded as 52%. Mean day temperature was 38.1°C while night temperature was recorded as 26.3°C with 94 hours' bright sunshine duration. Mean wind direction South-south westerly.
Cotton: Third Leaf stage.

2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

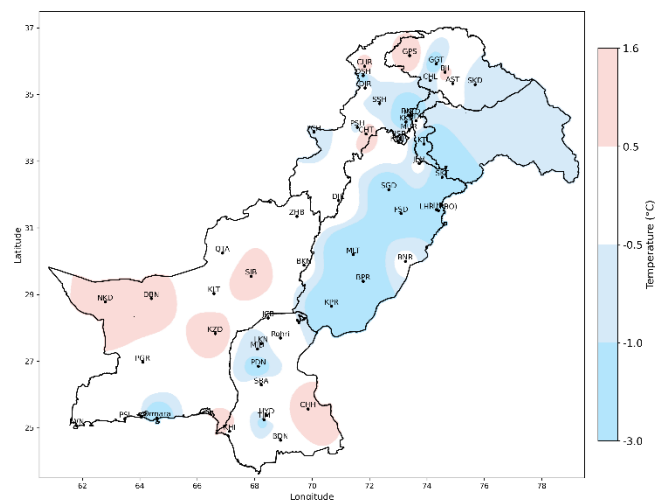
Rainfall was reported as 0.01 mm (Trace) during the decade; however, weather remained cloudy for 03 days during the decade. Average relative humidity recorded as 39%. Mean day temperature was 44.8°C while night temperature was recorded as 28.7°C. Wind speed was recorded as 5.7 km/hr. with mean wind direction reported as 'South Easterly'.
Rice: Field preparing for rice pinery.

2.5 RAMC, Quetta (Northern Baluchistan)

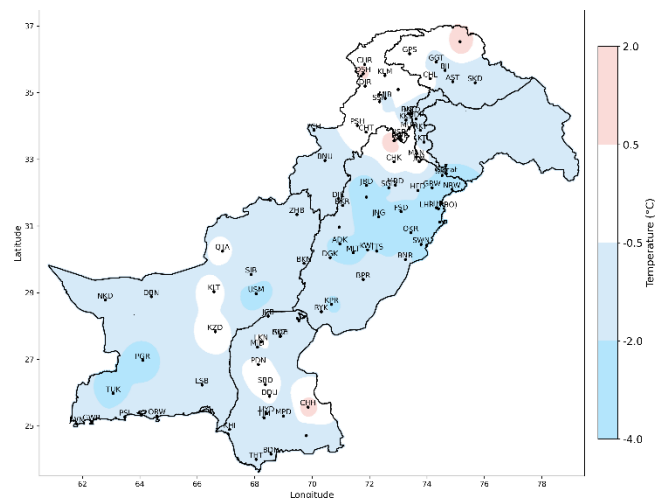
Rainfall was reported as 0.01 mm (Trace) during the decade; however, weather remained cloudy for 06 days during the decade. Average relative humidity recorded as 23%. Mean day temperature was 34.2°C while night temperature recorded as 19.9°C with 118.1 hours' bright sunshine duration. Wind speed recorded as 6.0 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 June 2026)

2.6 Jhelum

Rain was reported as 3.0 mm; however, weather remained cloudy for 08 days during the decade. Average relative humidity recorded as 42%. Mean day temperature was 39.0°C while night temperature was recorded as 25.5°C. Wind speed recorded as 2.3 km/hr. with mean wind direction reported as 'South Westerly'.

2.7 Lahore

Rainfall was reported as 6.90 mm; however, weather remained cloudy for 09 days during the decade. Average relative humidity recorded as 40%. Mean day temperature was 37.4°C while night temperature was recorded as 25.7°C with 82.4 hours' bright sunshine duration. Wind speed recorded as 2.6 km/hr. with mean wind direction reported as 'Variable'.

2.8 Sargodha

Rainfall was reported as 26.6 mm; weather remained cloudy for 06 days during the decade. Average relative humidity recorded as 46%. Mean day temperature was 38.5°C while night temperature recorded as 25.4°C with 82.0 hours' bright sunshine duration. Wind speed recorded as 3.1 km/hr. with mean wind direction reported as 'Easterly'.

Cotton: Tillering Stage.

2.9 Multan

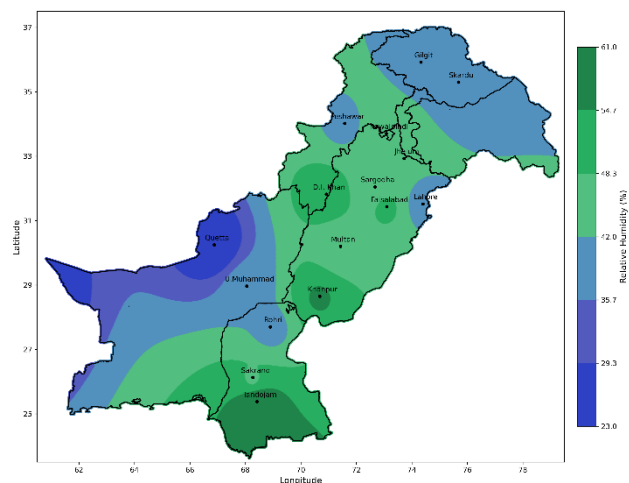
Rainfall was reported as 7.4 mm; weather remained cloudy for 05 days during the decade. Average relative humidity recorded as 44%. Mean day temperature was 39.3°C while night temperature was recorded as 27.8°C with 67.4 hours' bright sunshine duration. Wind speed recorded as 7.7 km/hr. with mean wind direction reported as 'Variable'.

2.10 Khanpur

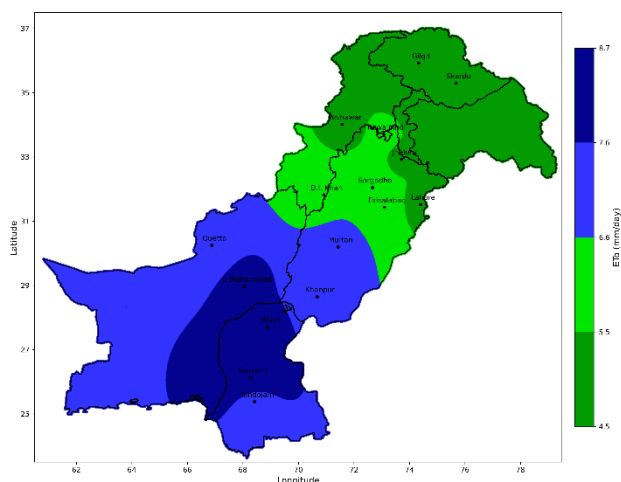
Rainfall was reported as 30.6 mm; however, weather remained cloudy for 02 days. Average relative humidity recorded as 55%. Mean day temperature was 39.9°C while night temperature was recorded as 26.6°C with 74 hours' bright sunshine duration. Wind direction reported as 'South Westerly'.

2.11 Sakrand

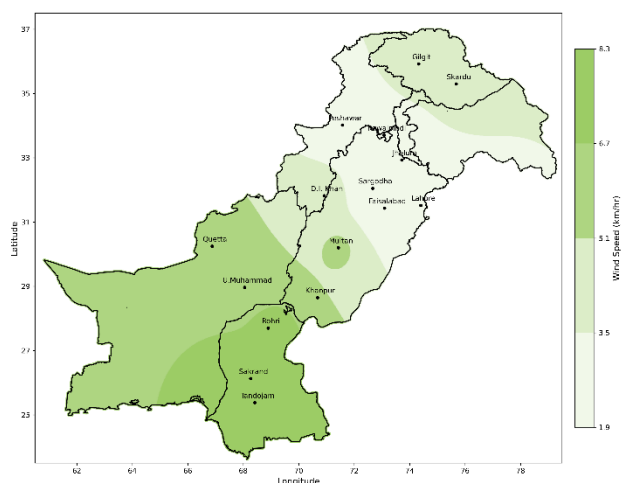
Dry weather was reported, however, weather remained cloudy for 01 day. Average relative humidity was recorded as 48%. Mean day temperature was 42.8°C while night temperature was recorded as 28.2°C with 101.7 hours' bright sunshine duration. Wind speed recorded as 8.3 km/hr with mean wind direction reported 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; however, weather remained cloudy for 02 days. Average relative humidity recorded as 40.7%. Mean day temperature was 43.3°C while night temperature was recorded as 28.7°C with 91 hours' bright sunshine duration. Wind speed recorded as 7.0 km/hr. with mean wind direction as direction reported as 'South Easterly'.

2.13 D.I. Khan

Rainfall was reported as 17.0 mm; however, weather remained cloudy for 04 days during the decade. Average relative humidity recorded as 52%. Mean day temperature was 39.2°C while night temperature was recorded as 26.1°C with 77.5 hours' bright sunshine duration. Wind speed recorded as 4.2 km/hr. with mean wind direction reported as 'South Easterly'.

2.14 Peshawar

Rain was reported 0.30 mm (Trace); however, weather remained cloudy for 08 days during the decade. Average relative humidity recorded as 41%. Mean day temperature was 39.1°C while night temperature was recorded as 24.9°C with 80 hours' bright sunshine duration. Wind speed recorded as 2.6 km/hr with mean wind direction reported as 'North Easterly'.

2.15 Gilgit

Rain was reported 9.60 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 39.7%. Mean day temperature was 31.4°C while night temperature was recorded as 16.9°C with 51.4 hours' bright sunshine duration. Wind speed recorded as 4.3 km/hr with mean wind direction reported as 'Variable'.

2.16 Skardu

Rain was reported to be 2.3 mm; however, weather remained cloudy for 08 days during the decade. Average relative humidity recorded as 39%. Mean day temperature was 27.3°C while night temperature was recorded as 12.6°C with 49.0 hours' bright sunshine duration. Wind speed recorded as 4.2 km/hr with mean wind direction reported as 'South Westerly'.

Ten Days Weather Advisory for Farmers
(21st to 30th June 2026)**3.1 Temperature Forecast**

Normal to slightly below 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. 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:**

Windstorm accompanied with isolated rain-thunderstorm is expected in most of upper and central parts of the province during the decade.

❖ Khyber Pakhtunkhwa:

Isolated rain-wind/thunderstorm is likely in upper and central areas of the province during the decade.

❖ Sindh:

Hot and dry weather is expected during the decade. Dust/windstorms are expected in most parts of the province during the afternoon hours.

❖ Baluchistan:

Windstorm accompanied with isolated rain-thunderstorm is expected in northeastern parts of the province while hot and dry weather is likely in rest of the province during the decade.

❖ Gilgit-Baltistan:

Isolated rain-wind/thunderstorm is likely in Gilgit Baltistan during the decade.

❖ Kashmir:

Isolated rain-wind/thunderstorm is expected in Kashmir during the decade.

3.4 Advisory for Farmers

Farmers are advised to irrigate and add pesticides to Kharif crops according to PMD weather forecasts.