

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Light to moderate rainfall was observed during the last decade.
- ❖ Highest amount of rainfall recorded was 64 mm at Dir during the last decade.
- ❖ Lowest Minimum temperature recorded was -3.7C at Gupis during the last decade.
- ❖ Light rainfall with snowfall at isolated places over hilly areas during first half of the decade in Upper KP and GB while the second half will remain dry and cold, while cold and dry weather is expected from rest parts of the country during the decade.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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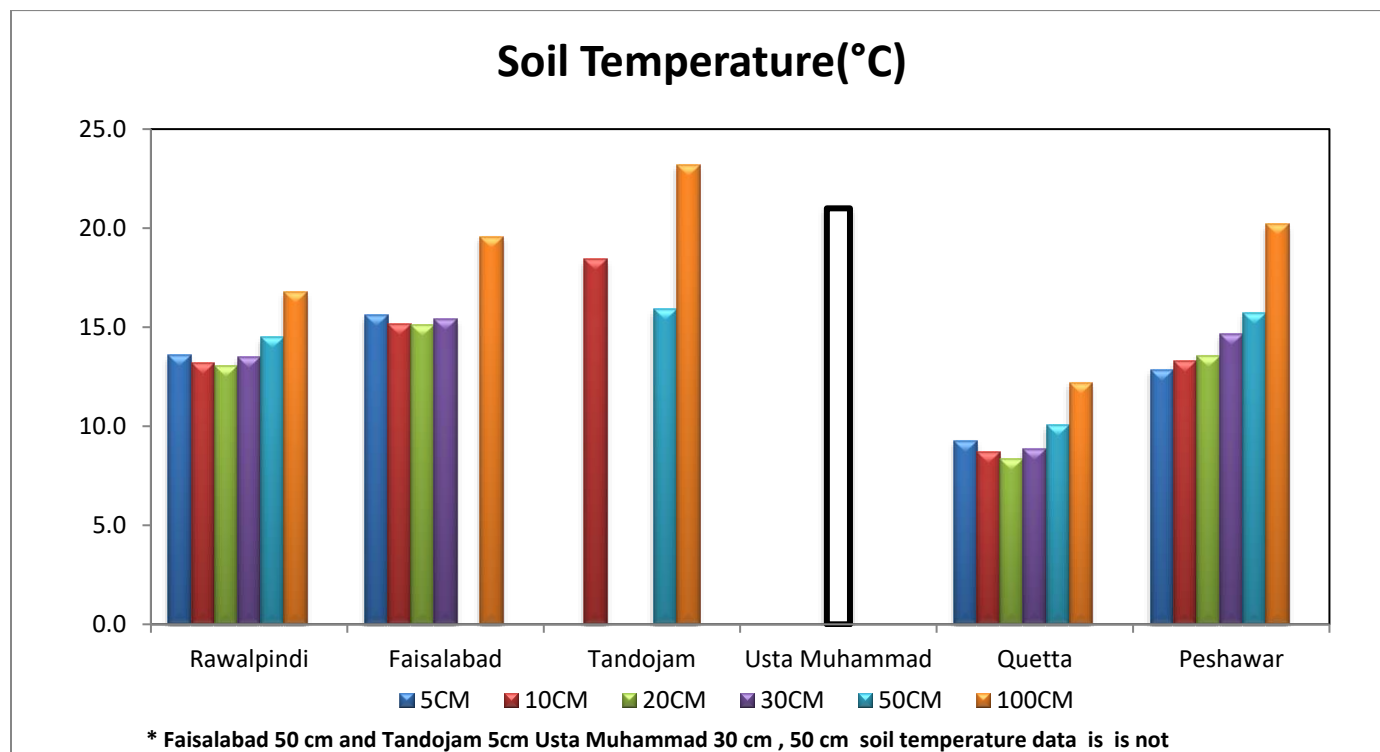
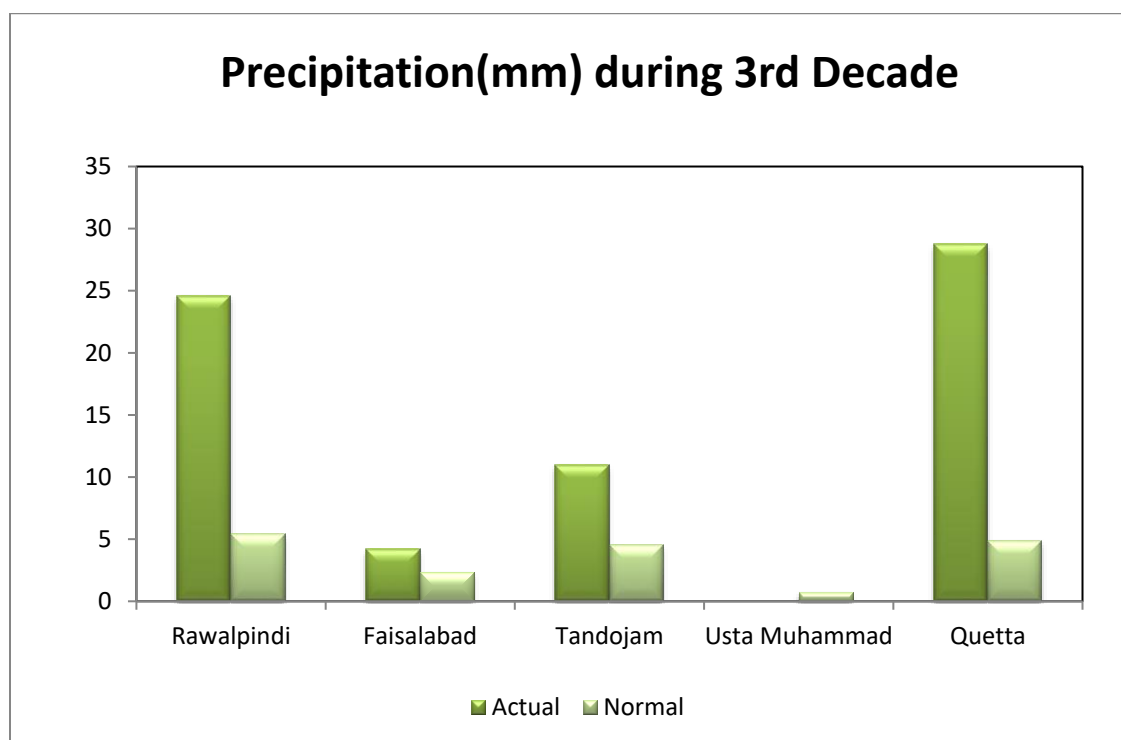
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Meteorological Conditions during 3rd Decade of December 2025

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	5.4	24.6	19.2	0.9	1.9	12.7	13.6	13.2	13.0	13.5	14.5	16.8	69.0	41.4	1.0	1.0
2	Faisalabad	2.4	4.20	1.8	1.2	2.6	14.6	15.6	15.2	15.1	15.4	***	19.6	71.0	55.4	1.5	1.3
3	Jhelum	4.3	3.5	-0.8	-1.7	2.1	13.5	***	13.5	13.9	14.5	15.9	***	75.0	44.2	0.3	0.8
4	Lahore	3.1	0.2	-2.9	-17.4	0.3	5.5	14.5	14.8	15.1	15.3	***	19.0	64.0	35.7	0.7	0.7
5	Sargodha	4.3	2.90	-1.4	0.6	1.3	14.3	16.5	16.2	16.9	17.5	***	***	66.0	39.3	1.0	1.1
6	Multan	1.4	1.10	-0.3	0.4	4.3	15.9	***	***	***	***	***	***	64.0	73.7	1.3	1.4
7	Khanpur	0.6	1.8	1.2	2.6	2.8	16.9	***	16.9	17.5	17.9	18.6	20.8	64.0	59.6	2.0	1.8
8	Tandojam	4.5	11.0	6.5	1.4	2.5	18.7	***	18.4	***	***	***	23.2	65.0	72.9	1.0	1.8
9	Sakrand	0.0	0.0	0.0	1.4	2.8	17.0	21.3	20.1	19.9	21.0	22.1	***	64.0	73.7	3.1	2.3
11	Rohri	0.0	32.0	32.0	0.8	2.0	17.6	***	***	***	***	***	***	59.1	64.2	3.7	2.3
12	D.I Khan	3.9	0.01	-3.9	0.2	1.9	14.8	14.5	14.6	15.4	***	6.1	***	67.0	43.7	1.7	1.3
13	Peshawar	6.7	5.90	-0.8	1.5	0.8	13.4	12.9	13.3	13.6	14.7	15.7	20.2	61.0	47.6	2.5	1.5
14	Usta M.	0.7	***	-0.7	-21.9	-7.9	0.0	***	***	***	***	***	***	***	***	***	***
15	Quetta	4.9	28.8	23.9	1.1	3.7	7.8	9.3	8.7	8.3	8.9	10.1	12.2	50.8	75.4	5.4	2.0
16	Skardu	5.0	7.2	2.2	2.0	3.7	2.5	***	***	***	***	***	***	63.0	20.0	0.0	0.5
17	Gilgit	4.3	2.6	-1.7	1.6	2.8	6.6	***	***	***	***	***	***	60.0	17.1	1.3	0.9

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 December 2025



Past Weather (21st to 31st December 2025)**1.1 Punjab**

Light rainfall reported from the province during the last decade. The decadal maximum temperatures were observed below normal by 1.9 and minimum temperatures were observed above normal by 2.2°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 67%, 49.9hrs, 1.1km/hr. and 1.2 mm/day respectively.

1.2 Sindh

Light rainfall reported from most part the province during the last decade. The decadal maximum and minimum temperatures were observed above normal by 1.2°C and 2.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 63%, 70.3 hours, 261km/hr., and 2.1 mm/day respectively.

1.3 Khyber Pakhtunkhwa

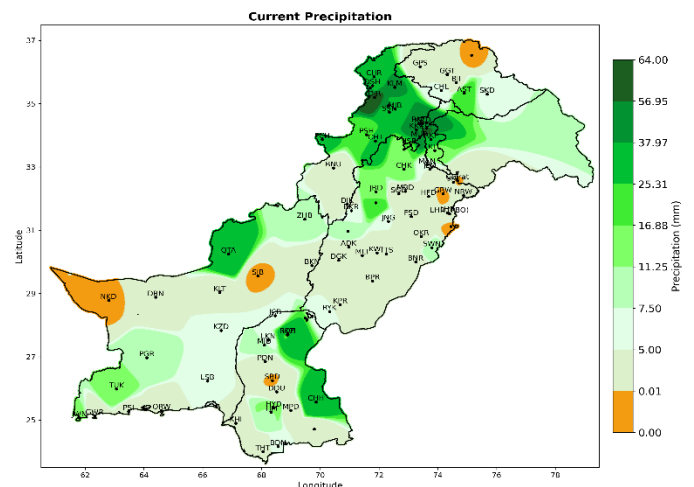
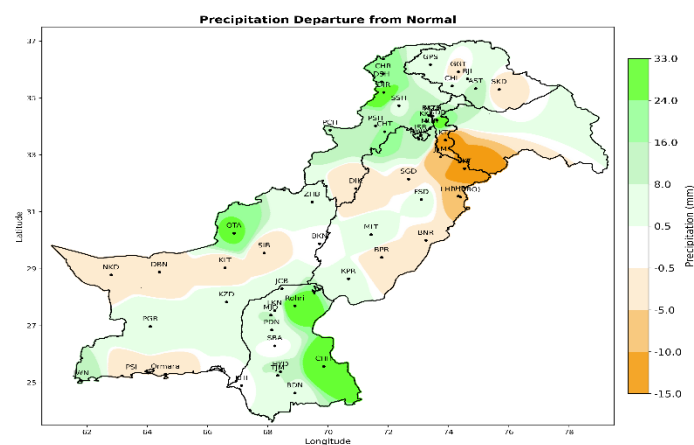
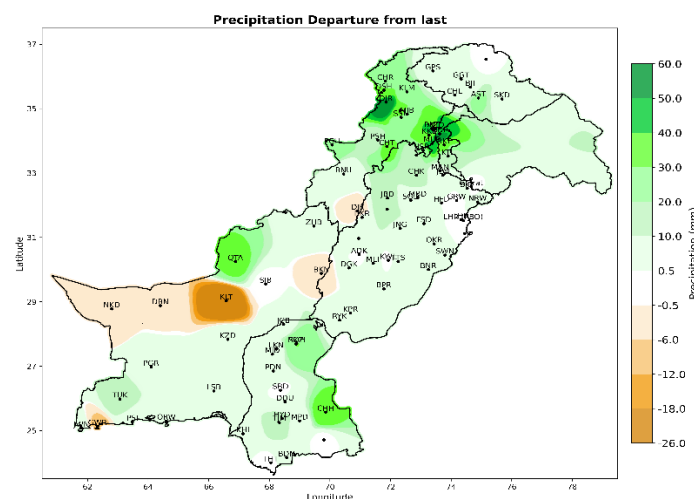
Light to moderate rainfall reported from the province during the decade. The decadal maximum and minimum temperatures were observed above normal by 0.8°C and 1.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 64%, 45.7hrs, 2.1km/hr. and 1.4 mm/day respectively.

1.4 Baluchistan

Light rainfall reported from the province during the last decade. However moderate from a single place Quetta. The decadal maximum and minimum temperatures were observed above normal by 1.1°C and 3.7°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 51%, 75.4 hrs, 5.4 km/hr and 2.0 mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

Light to moderate rainfall reported from the province during the decade. The decadal maximum and minimum temperatures were observed above normal by 1.8°C and 3.3°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 62%, 18.6hrs, 0.7km/hr and 1.2 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 December 2025)**

2.1 RAMC, Rawalpindi (Potohar region)

Rain was reported 24.6 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 69%. Mean day temperature was 20.1°C while night temperature was recorded as 5.2°C with 41.4 hours of bright sunshine duration. Wind speed recorded as 1.0 km/hr with mean wind direction *South Westerly*.
No crops were reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Rain was reported 4.2 mm; however, weather remained cloudy for 09 days during the decade. Average relative humidity recorded as 71%. Mean day temperature was 21.7°C while night temperature recorded as 7.5°C with 55.4 hours bright sunshine duration. Wind speed recorded as 1.5km/hr. with mean wind direction *Westerly*.

Wheat: Very good, Tilling Completed.

2.3 RAMC, Tandojam (Lower Sindh)

Rain was reported 11.0 mm; however, weather remained cloudy for 04 days during the decade. Average relative humidity was recorded as 65%. Mean day temperature was 25.7°C while night temperature recorded as 11.6°C with 72.9 hours bright sunshine duration. Mean wind direction *North-north easterly*.

Wheat (IV-3): Good; Tilling.

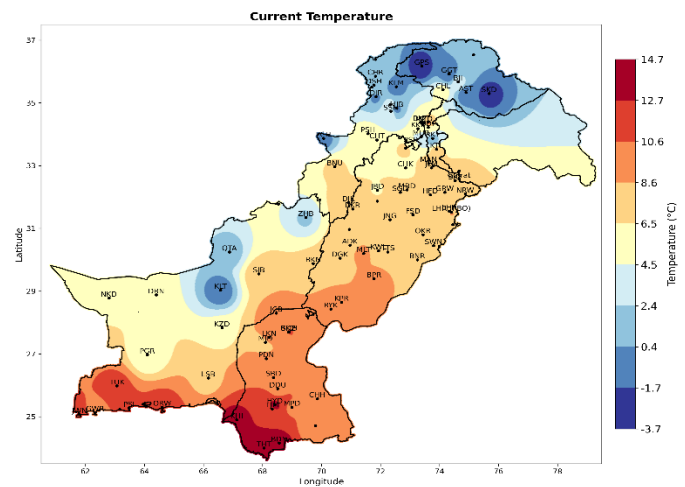
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Dry and cold weather was observed during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 64%. Mean day temperature was 26.2°C while night temperature was recorded as 6.7°C. Wind speed was recorded as 0.4 km/hr. with mean wind direction *North Easterly*.

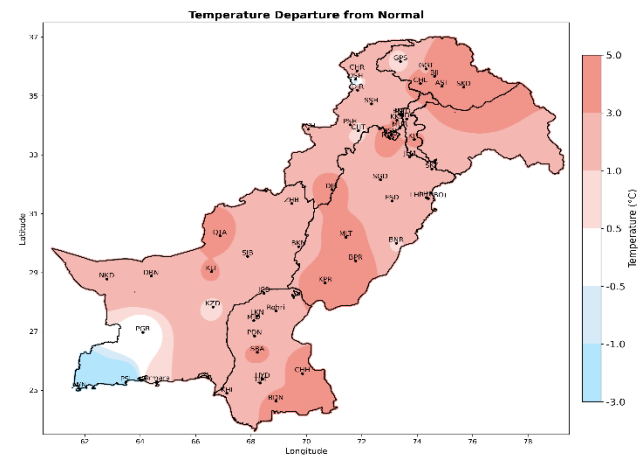
Rice: Good, Threshing.

2.5 RAMC, Quetta (Northern Baluchistan)

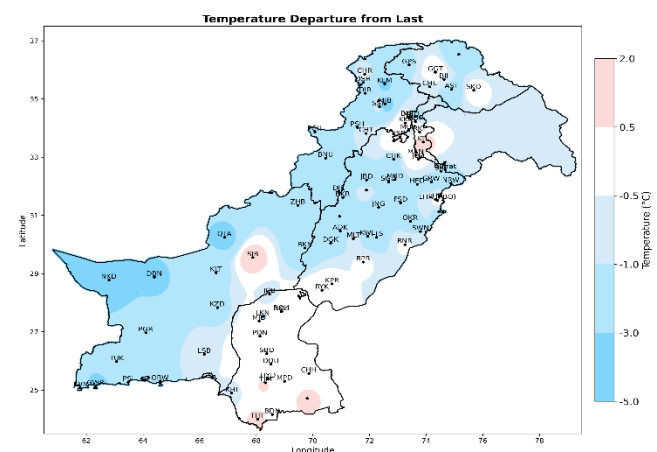
Rain was reported 28.8 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 51%. Mean day temperature was 13.9°C while night temperature recorded as 1.6°C with 49.8 hours bright sunshine duration. Wind speed recorded as 5.4km/hr. with mean wind direction *Southerly*.



IV. Actual min-temperature



V. Departure of min-temperature from Normal



VI. Departure of min-temperature from Previous Decade

Figure.2: Minimum Temperature distribution during previous decade (°C)

2(b) Past Weather or Sub-Regional Agricultural Plains (21st to 31st December 2025)

2.6 Jhelum

Rain was reported 3.5 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 75%. Mean day temperature was 19.3°C while night temperature was recorded as 7.7°C with 44.2 hours bright sunshine duration. Wind speed recorded as 0.3 km/hr. with mean wind direction *Westerly*.

2.7 Lahore

Rain was reported 0.2 mm; however, weather remained cloudy for 07 days during the decade. Average relative humidity recorded as 64%. Mean day temperature was 22.7°C while night temperature recorded as 7.0°C with 35.7 hours bright sunshine duration. Wind speed recorded as 0.7 km/hr. with mean wind direction *Westerly*.

2.8 Sargodha

Rain was reported 2.9 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 66%. Mean day temperature was 25.3°C while night temperature recorded as 5.1°C with 39.3 hours bright sunshine duration. Wind speed recorded as 1.0 km/hr. with mean wind direction *South Easterly*.

Wheat: Good; Tillering.

2.9 Multan

Rain was reported 1.1 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 64%. Mean day temperature was 25.2°C while night temperature recorded as 6.0°C with 55.5 hours bright sunshine duration. Wind speed recorded as 1.3 km/hr with mean wind direction *North Westerly*.

2.10 Khanpur

Rain was reported 1.8 mm; however, weather remained partially cloudy for 02 days during the decade. Average relative humidity recorded as 64%. Mean day temperature was 24.7°C while night temperature recorded as 9.1°C with 59.6 hours bright sunshine duration. Wind direction is *North Easterly*.

2.11 Sakrand

Rain was reported 0.01mm (Trace); however, weather remained cloudy for 05 days during the decade. Average relative humidity recorded as 64%. Mean day temperature was 25.0°C while night temperature recorded as 8.0°C with 73.7 hours bright sunshine duration. Wind speed recorded as 3.1 km/hr. with mean wind direction *Northerly*.

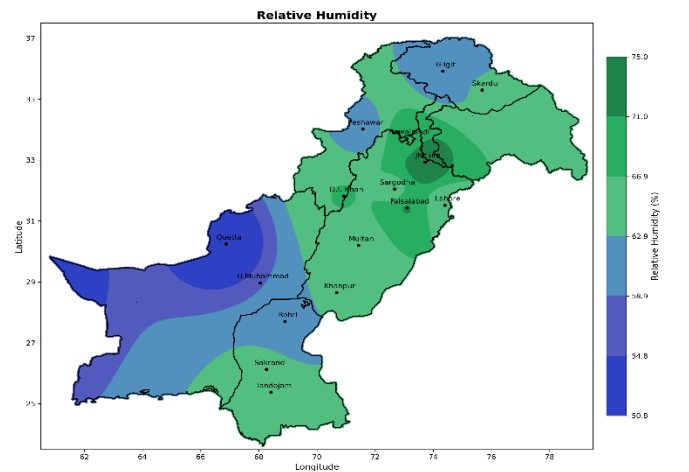


Figure.3: Relative Humidity in Percentage (%)

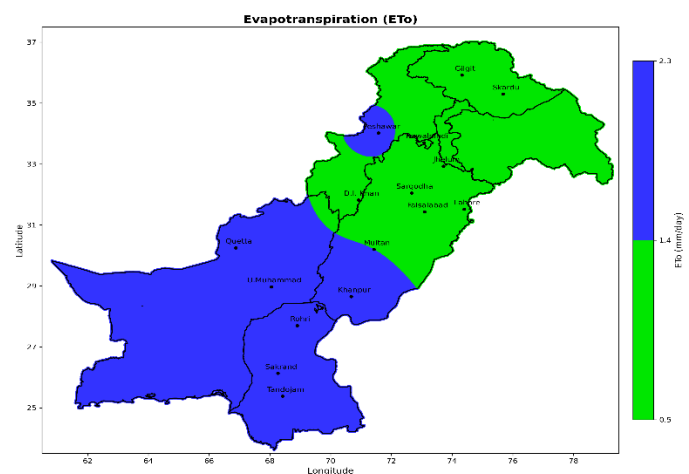


Figure.4: Reference Crop Evapotranspiration ET0 (mm/day)

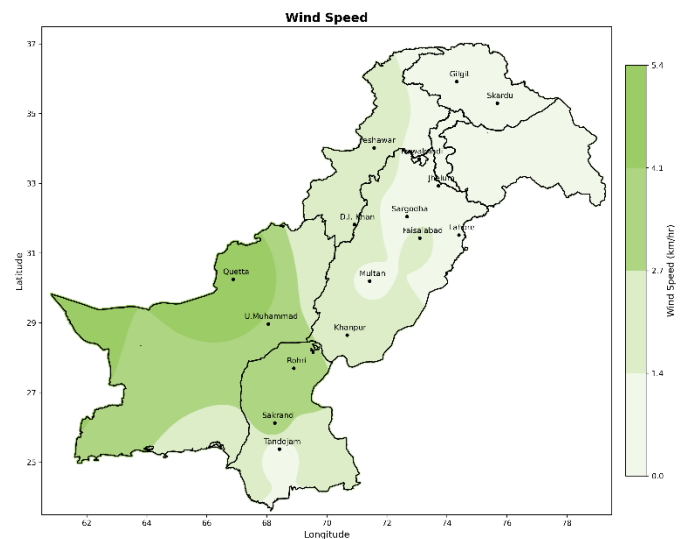


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Rain was reported 32.0 mm; however, weather remained cloudy for 09 days during the decade. Average relative humidity recorded as 59%. Mean day temperature was 26.5°C while night temperature recorded as 11.4°C with 64.2 hours bright sunshine duration. Wind speed recorded as 3.7 km/hr. with mean wind direction as *North Easterly*.

No crops were reported from the station.

2.13 D.I. Khan

Rain was reported 0.01 mm (Trace); however, weather remained cloudy for 07 days during the decade. Average relative humidity recorded as 67%. Mean day temperature was 26.5°C while night temperature recorded as 6.0°C with 43.7 hours bright sunshine duration. Wind speed recorded as 1.7 km/hr. with mean wind direction as *North westerly*.

2.14 Peshawar

Rain was reported 5.9 mm; however, weather remained cloudy for 10 days during the decade. Average relative humidity recorded as 61%. Mean day temperature was 24.6°C while night temperature recorded as 2.4°C with 47.6 hours bright sunshine duration. Wind speed recorded as 2.5 km/hr with mean wind direction as *South Easterly*.

2.15 Skardu

Rain was reported 7.2 mm; however, weather remained cloudy for 09 days during the decade. Average relative humidity recorded as 63%. Mean day temperature was 10.8°C while night temperature recorded as -6.4 °C with 20.0 hours bright sunshine duration.

2.16 Gilgit

Rain was reported 2.6 mm; however, weather remained partially cloudy for 11 days during the decade. Average relative humidity recorded as 60%. Mean day temperature was 14.5°C while night temperature recorded as -4.0°C with 17.1 hours bright sunshine duration. Wind speed recorded as 1.3km/hr with mean wind direction as *South Easterly*.

Eleven Days Weather Advisory for Farmers **(1st to 10th January 2026)**

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:**

Cold and dry (very cold during night) in upper areas. Smog (while shallow fog in patches during night) may develop over few plain areas of Punjab.

❖ Khyber Pakhtunkhwa:

Light rainfall with snowfall at isolated places over hilly areas during first half of the decade while the second half will remain dry and cold.

❖ Sindh:

Dry and cold weather is expected in the province during the decade.

❖ Baluchistan:

Cold and dry weather is expected in the province during the decade.

❖ Gilgit-Baltistan:

Light rainfall with snowfall at isolated places over hilly areas during first half of the decade while the second half will remain dry and cold.

❖ Kashmir:

Light rainfall with snowfall at isolated places over hilly areas during first half of the decade while the second half will remain dry and cold

3.4 Advisory for Farmers

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