

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Weather remained cold and dry over most parts of the country, while very cold in hilly areas. Smog/fog in patches during night/morning hours persisted over the plain areas of Punjab, Khyber Pakhtunkhwa during the last decade.
- ❖ Lowest Minimum temperature recorded was -9.6°C at Skardu during the last decade.
- ❖ Cold and dry weather (very cold in hilly parts) is expected over the country. Smog/fog in patches during morning/night hours may occur over few plain areas of Punjab, Khyber Pakhtunkhwa and upper Sindh during the decade.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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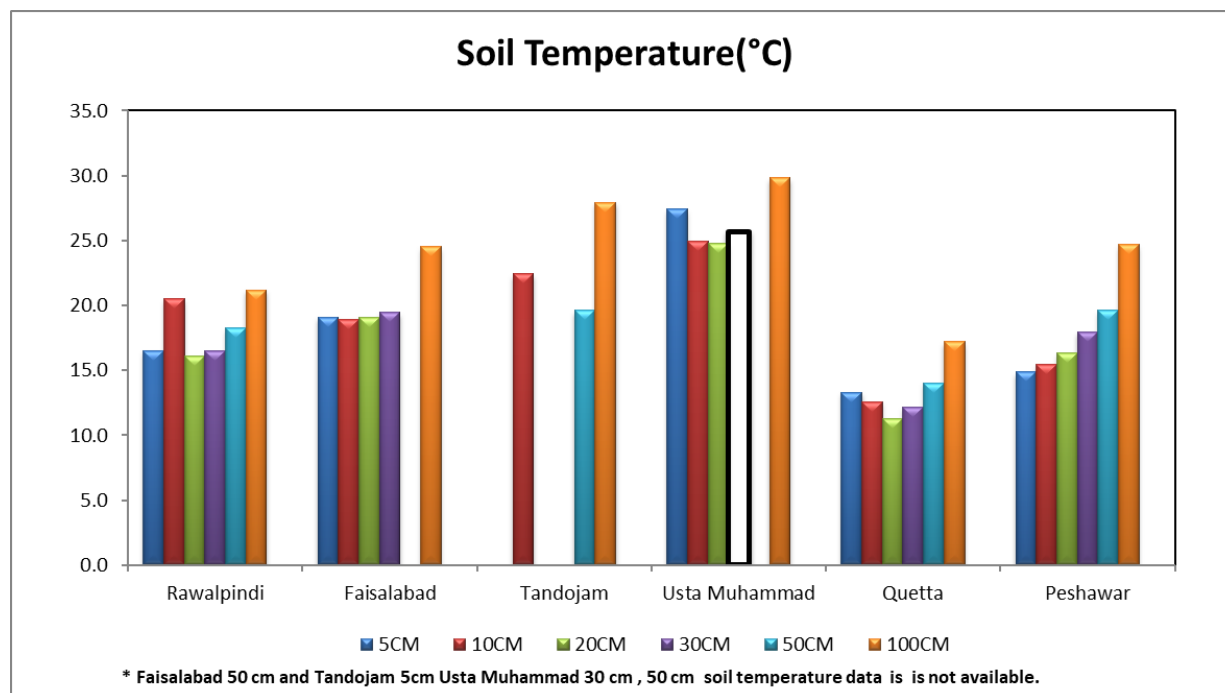
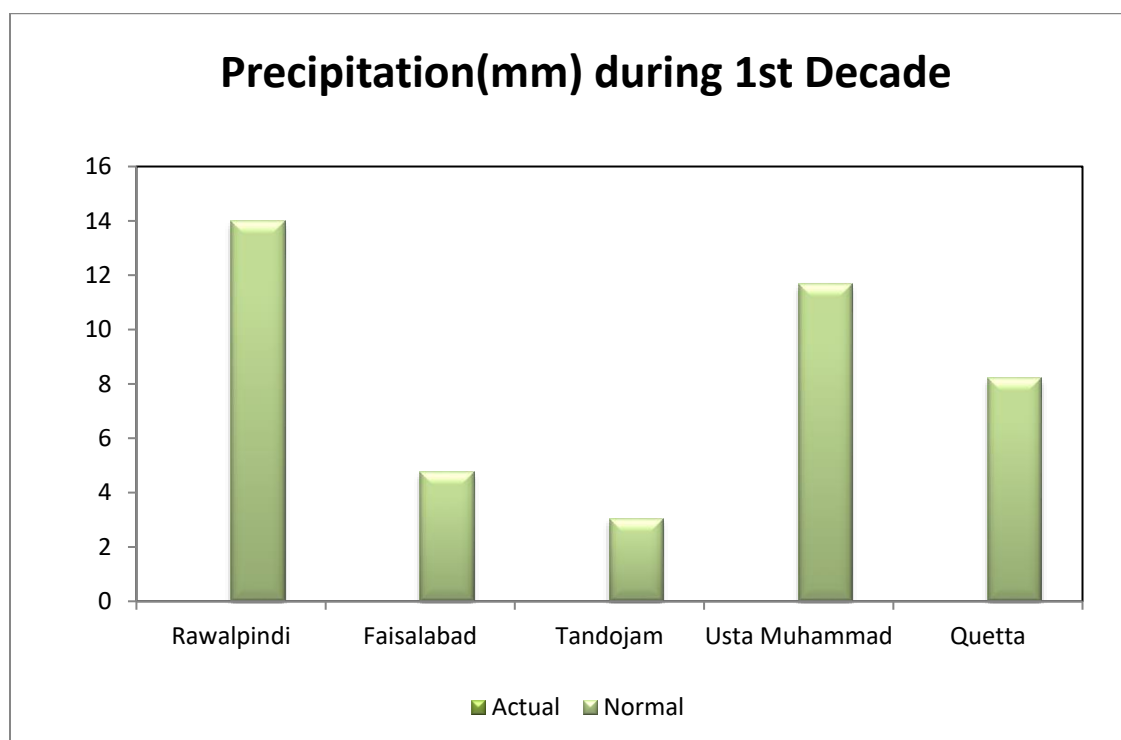
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Meteorological Conditions during 1st Decade of December 2025

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	14.0	0.0	-14.0	1.5	-2.3	12.9	13.1	12.7	12.5	13.1	14.9	17.7	64.6	68.9	0.5	1.0
2	Faisalabad	4.8	0.00	-4.8	0.8	-1.1	15.2	15.0	14.5	14.5	15.0	***	20.6	59.0	77.7	1.2	1.4
3	Jhelum	10.7	0.0	-10.7	-1.6	-2.1	13.8	***	12.9	13.4	14.4	16.1	***	60.4	67.5	0.6	1.1
4	Lahore	1.2	0.0	-1.2	-0.1	-3.0	15.5	13.6	13.9	14.5	15.1	***	20.0	52.0	62.4	0.7	1.2
5	Sargodha	8.7	0.00	-8.7	0.9	-1.2	15.6	16.8	16.5	17.2	18.1	***	***	56.0	62.1	0.6	1.2
6	Multan	5.4	0.00	-5.4	-0.8	0.9	16.0	***	***	***	***	***	***	51.0	82.0	0.7	1.3
7	Khanpur	0.5	0.0	-0.5	2.6	-1.8	16.6	***	17.1	18.0	18.8	19.9	22.5	54.0	72.1	2.0	1.8
8	Tandojam	3.0	0.0	-3.0	1.2	-1.0	18.7	***	18.5	***	***	***	24.7	56.0	73.1	1.0	1.9
9	Sakrand	14.7	0.0	-14.7	2.6	-0.5	17.4	22.7	19.5	19.8	21.3	23.0	***	51.0	82.0	1.9	2.0
11	Rohri	11.2	0.0	-11.2	2.1	-2.1	18.0	***	***	***	***	***	***	48.6	74.5	2.3	2.0
12	D.I Khan	2.5	0.00	-2.5	1.5	0.0	15.7	14.2	14.3	15.5	***	7.0	***	58.0	64.3	1.2	1.3
13	Peshawar	9.1	0.00	-9.1	0.7	-3.8	12.7	10.7	11.4	12.4	14.1	15.8	21.0	61.0	45.1	1.2	1.0
14	Usta M.	11.7	0.0	-11.7	2.5	0.4	17.4	23.3	20.4	20.2	***	***	26.0	52.0	0.0	0.9	1.5
15	Quetta	8.2	0.0	-8.2	2.1	1.2	8.7	9.7	9.0	7.7	8.3	9.8	12.9	28.2	77.8	3.2	1.8
16	Skardu	6.2	0.0	-6.2	1.0	-1.8	2.0	***	***	***	***	***	***	48.0	31.9	0.0	0.6
17	Gilgit	3.1	0.0	-3.1	0.7	-2.6	5.3	***	***	***	***	***	***	48.5	18.7	1.2	0.8

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 (1st to 10th December 2025)

Weather remained cold and dry over most parts of the country, while very cold in hilly areas. Smog/fog in patches during night/morning hours persisted over the plain areas of Punjab, Khyber Pakhtunkhwa during the last decade.

1.1 Punjab

Cold and dry weather reported, while smog/fog in patches during night/morning hours persisted over the plain areas of the province during the last decade. The decadal maximum temperatures were observed above normal by 0.5 and minimum temperatures were observed below normal by 1.5°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 57%, 70.4hrs, 0.9km/hr and 1.3 mm/day respectively.

1.2 Sindh

Cold and dry weather reported from the province during the last decade of the province. The decadal maximum temperatures were observed above normal by 1.9 and minimum temperatures were observed below normal by 1.2°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 52%, 76.5 hours, 1.7km/hr, and 2.0 mm/day respectively.

1.3 Khyber Pakhtunkhwa

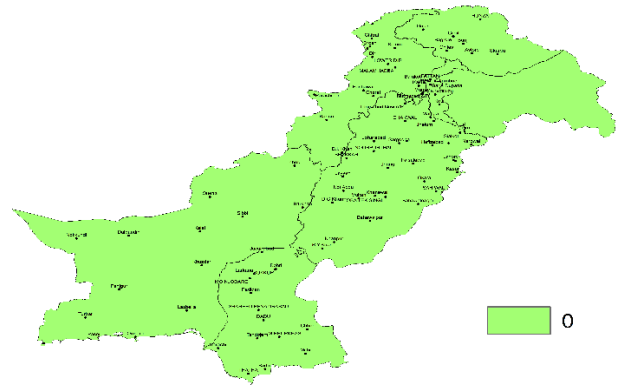
Cold and dry weather reported, while smog/fog in patches during night/morning hours persisted over the plain areas of the province during the last decade. The decadal maximum temperatures were observed above normal by 1.1 and minimum temperatures were observed below normal by 1.9°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 59%, 54.7hrs, 1.2km/hr and 1.2 mm/day respectively.

1.4 Baluchistan

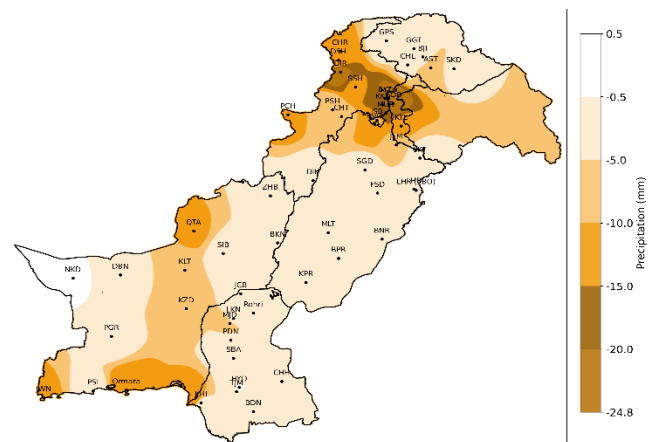
Cold and dry weather reported from the province during the last decade. The decadal maximum temperatures were observed above normal by 2.3 and minimum temperatures were observed below normal by 0.8°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 40%, 38.9 hrs, 2.1 km/hr and 1.7 mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

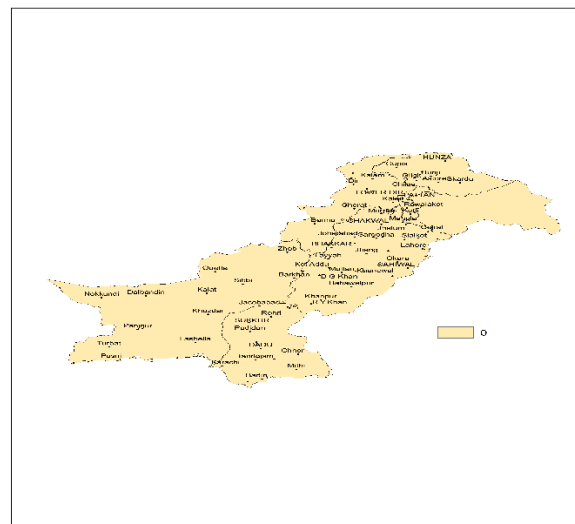
Very cold and dry weather reported from Gilgit- Baltistan and Kashmir during the last decade. The decadal maximum temperatures were observed above normal by 0.8 and minimum temperatures were observed below normal by 2.2°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 48%, 25.3hrs, 0.6km/hr and 1.3 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
(1st to 10th December 2025)**

2.1 RAMC, Rawalpindi (Potohar region)

Cold and dry weather observed during the last decade. However, weather remained partially cloudy for 07 days. Average relative humidity recorded as 65%. Mean day temperature was 23.2°C while night temperature was recorded as 2.5°C with 68.9 hours of bright sunshine duration. Wind speed recorded as 0.5 km/hr with mean wind direction *Northerly*.

No crops were reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Cold and dry weather observed during the last decade, weather remained partially cloudy for 06 days. Average relative humidity recorded as 50%. Mean day temperature was 24.4°C while night temperature recorded as 5.9°C with 77.7 hours bright sunshine duration. Wind speed recorded as 1.2km/hr with mean wind direction *Westerly*.

Wheat: Very good, Tillering.

2.3 RAMC, Tandojam (Lower Sindh)

Cold and dry weather observed during the last decade, weather remained partially cloudy for 03 day. Average relative humidity was recorded as 56%. Mean day temperature was 27.6°C while night temperature recorded as 9.8°C with 73.7 hours bright sunshine duration. Mean wind direction *North-north easterly*.

Wheat (IV-3): Good; Irrigated.

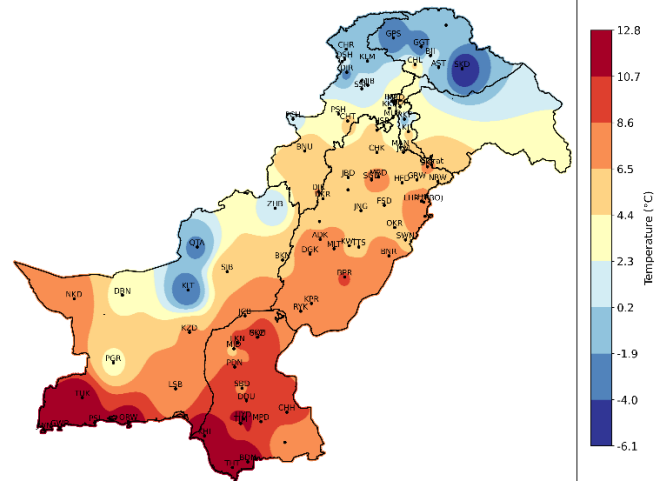
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 04 days. Average relative humidity recorded as 52%. Mean day temperature was 26.4°C while night temperature was recorded as 8.4°C. Wind speed was recorded as 0.9 km/hr with mean wind direction *North Easterly*.

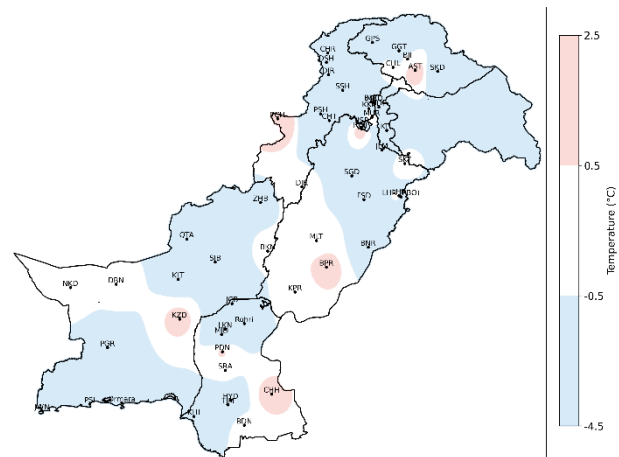
Rice: Good, Harvesting.

2.5 RAMC, Quetta (Northern Baluchistan)

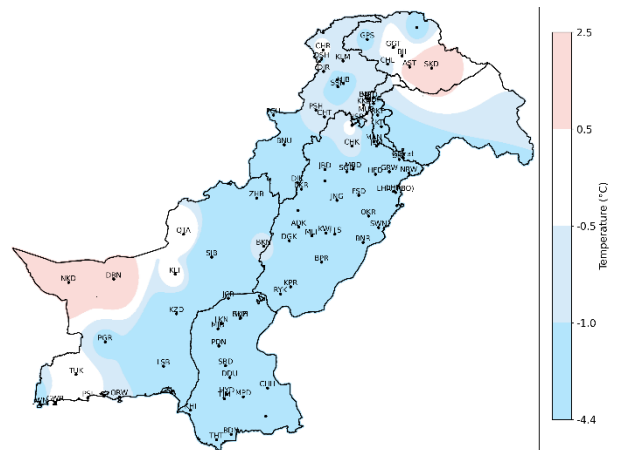
Cold and dry weather observed during the decade; however, weather remained partially cloudy for 08 days. Average relative humidity recorded as 28%. Mean day temperature was 16.9°C while night temperature recorded as 0.4°C with 77.8 hours bright sunshine duration. Wind speed recorded as 3.2km/hr with mean wind direction *North easterly*.



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 (1st to 10th December 2025)

2.6 Jhelum

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 06 day. Average relative humidity recorded as 60%. Mean day temperature was 22.1°C while night temperature was recorded as 5.4°C with 67.5 hours bright sunshine duration. Wind speed recorded as 0.6 km/hr with mean wind direction *Variable*.

2.7 Lahore

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 05 day. Average relative humidity recorded as 52%. Mean day temperature was 23.4°C while night temperature recorded as 7.6°C with 62.4 hours bright sunshine duration. Wind speed recorded as 0.7 km/hr with mean wind direction *Westerly*.

2.8 Sargodha

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 01 days. Average relative humidity recorded as 56%. Mean day temperature was 24.5°C while night temperature recorded as 6.7°C with 62.1 hours bright sunshine duration. Wind speed recorded as 0.6 km/hr with mean wind direction *Variable*.

Wheat: Good; Tillering.

2.9 Multan

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 06 day. Average relative humidity recorded as 56%. Mean day temperature was 23.5°C while night temperature recorded as 7.9°C with 52.4 hours bright sunshine duration. Wind speed recorded as 0.7 km/hr with mean wind direction *Southerly*.

2.10 Khanpur

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 04 day. Average relative humidity recorded as 54%. Mean day temperature was 26.4°C while night temperature recorded as 6.7°C with 72.1 hours bright sunshine duration. Wind direction is *South Westerly*.

2.11 Sakrand

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 02 day. Average relative humidity recorded as 51%. Mean day temperature was 26.4°C while night temperature recorded as 8.4°C with 82.0 hours bright sunshine duration. Wind speed recorded as 1.9 km/hr with mean wind direction *Northerly*.

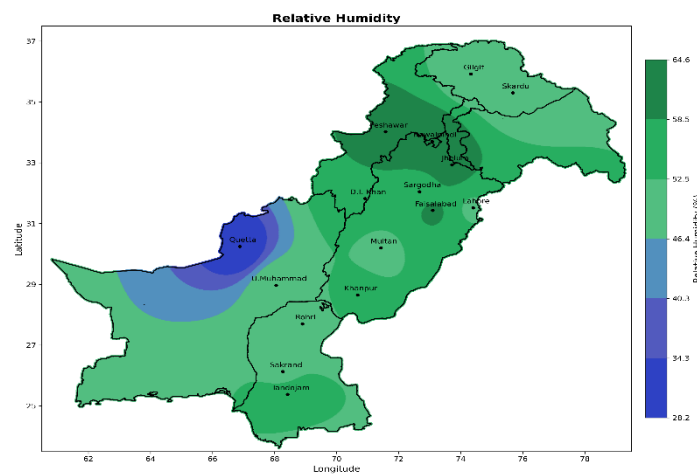


Figure.3: Relative Humidity in Percentage (%)

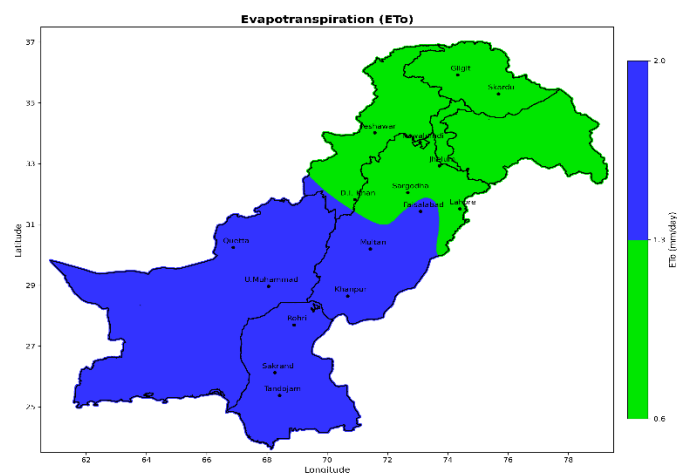


Figure.4: Reference Crop Evapotranspiration ET0 (mm/day)

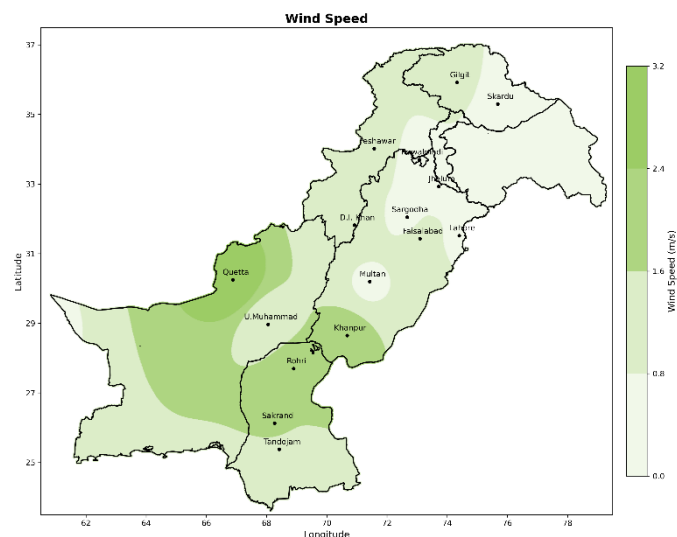


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 04 days. Average relative humidity recorded as 49%. Mean day temperature was 25.9°C while night temperature recorded as 10.0°C with 74.5 hours bright sunshine duration. Wind speed recorded as 2.3 km/hr with mean wind direction as *North Easterly*.

Wheat: V. Good; Irrigated

2.13 D.I. Khan

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 01 days. Average relative humidity recorded as 58%. Mean day temperature was 24.7°C while night temperature recorded as 6.6°C with 64.3 hours bright sunshine duration. Wind speed recorded as 1.2 km/hr with mean wind direction as *North westerly*.

2.14 Peshawar

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 09 days. Average relative humidity recorded as 61%. Mean day temperature was 22.3°C while night temperature recorded as 3.0°C with 45.1 hours bright sunshine duration. Wind speed recorded as 1.2 km/hr with mean wind direction as *South Easterly*.

2.15 Skardu

Cold and dry weather observed during the decade; however, weather remained partially cloudy for 07 day. Average relative humidity recorded as 48%. Mean day temperature was 10.0°C while night temperature recorded as -6.1 °C with 31.9 hours bright sunshine duration.

2.16 Gilgit

Very cold and dry weather observed during the decade; however, weather remained partially cloudy for 10 days. Average relative humidity recorded as 49%. Mean day temperature was 14.5°C while night temperature recorded as -3.9°C with 18.7 hours bright sunshine duration. Wind speed recorded as 1.2km/hr with mean wind direction as *Southerly*.

Eleven Days Weather Advisory for Farmers

(11th to 20th December 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:**

Cold and dry weather conditions are likely to prevail over most parts, however partly cloudy weather with rain is expected in Potohar region during 2nd half of the decade, whereas rest of the areas of province on 19th and 20th December. Smog/fog in patches during morning/night hours may occur over few plain areas of province.

❖ Khyber Pakhtunkhwa:

Cold and dry weather conditions are likely to prevail over most parts, however partly cloudy weather with rain is expected during 2nd half of the decade. Smog/fog in patches during morning/night hours may occur over few plain areas of province.

❖ Sindh:

Cold and dry weather conditions are likely to prevail over most parts, however partly cloudy weather is expected in the province during 2nd half of the decade.

❖ Baluchistan:

Cold and dry weather conditions are likely to prevail over most parts, however partly cloudy weather with rain is expected in the province during 2nd half of the decade.

❖ Gilgit-Baltistan:

Very cold weather with partly cloudy and rain is expected in Gilgit-Baltistan during the decade.

❖ Kashmir:

Very cold weather with partly cloudy and rain is expected in Kashmir during 2nd half of the decade

3.4 Advisory for Farmers

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