

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Cold and dry weather prevailed in most part of the country, while very cold in hilly areas. Moderate to dense fog persisted over most districts of Punjab, upper Sindh and plain districts of Khyber Pakhtunkhwa. However, light to moderate rainfall was reported from upper Khyber Pakhtunkhwa and isolated parts Gilgit-Baltistan.
- ❖ Highest amount of rainfall recorded was 33.6 mm at Kalam during the last decade.
- ❖ Lowest Minimum temperature recorded was -13.6C at Skardu during the last decade.
- ❖ Rain-wind/thunderstorm (snowfall over hills) is likely in Khyber-Pakhtunkhwa, Kashmir, Gilgit-Baltistan and Balochistan during the decade whereas in Punjab and Sindh on 22nd and 23rd January. Cold and dry weather is expected over the country, while very cold in hilly areas. Shallow to moderate fog may develop over plain areas of Punjab and upper Sindh, particularly during night and morning hours.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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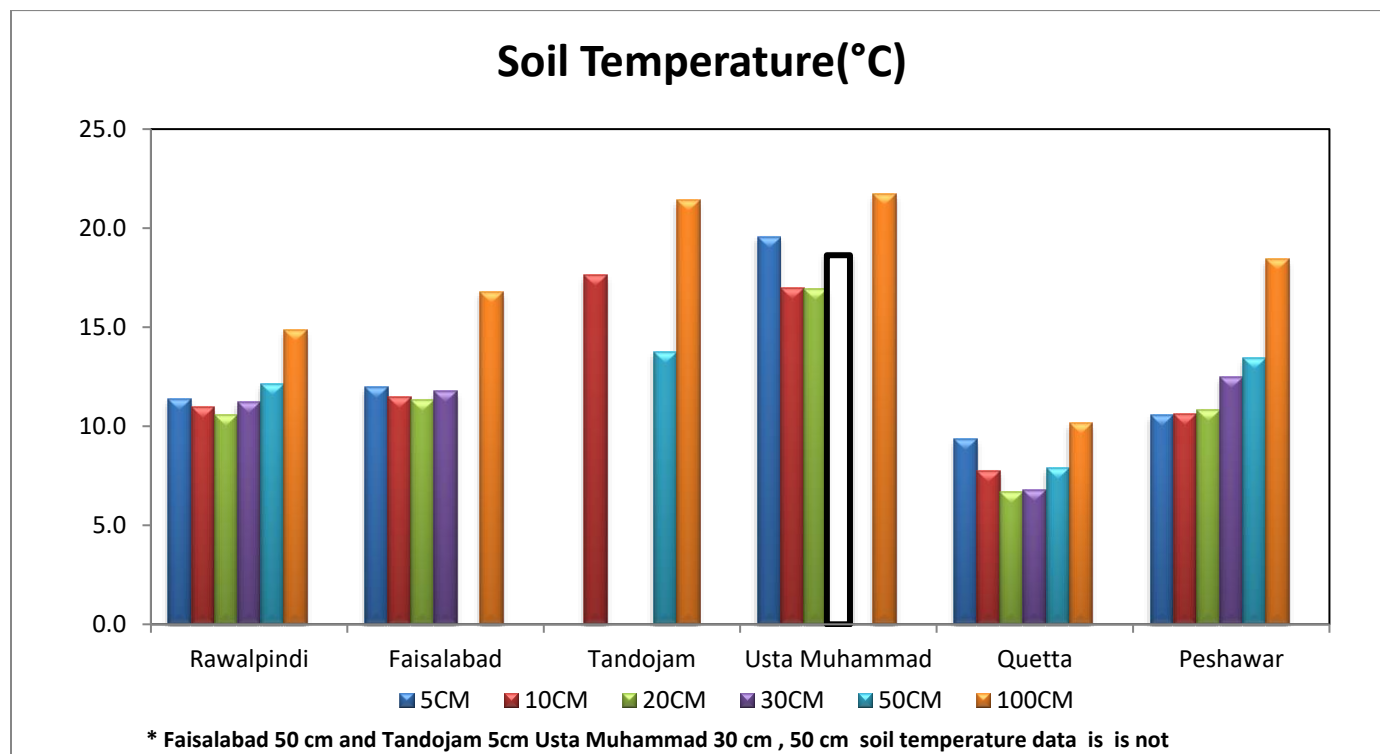
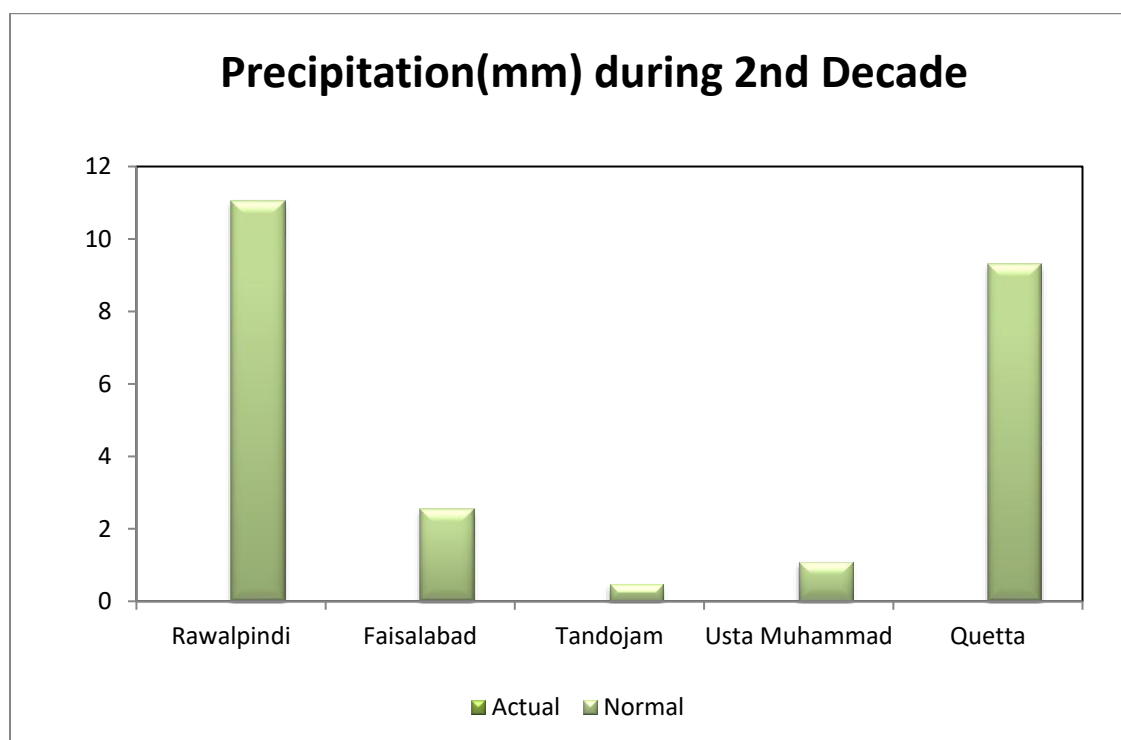
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Meteorological Conditions during 2nd Decade of January 2026

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	11.1	0.0	-11.1	2.6	-1.5	11.5	11.4	11.0	10.6	11.2	12.1	14.9	63.0	58.8	0.9	1.0
2	Faisalabad	2.5	0.00	-2.5	-0.5	-0.8	10.9	12.0	11.5	11.3	11.8	***	16.8	73.0	51.3	0.7	1.1
3	Jhelum	14.2	0.0	-14.2	-3.4	-2.3	9.5	***	11.1	11.5	12.3	13.7	***	79.0	36.3	4.0	1.5
4	Lahore	2.9	0.0	-2.9	-1.8	-3.9	10.1	11.6	11.8	12.3	12.8	***	17.3	74.0	27.7	0.4	0.9
5	Sargodha	2.1	0.00	-2.1	-1.0	-2.2	10.5	13.7	13.2	13.6	14.3	***	***	74.0	35.9	0.9	1.0
6	Multan	2.3	0.00	-2.3	-0.1	1.4	13.5	***	***	***	***	***	***	66.0	66.6	1.1	1.3
7	Khanpur	9.9	0.0	-9.9	1.8	-1.3	13.2	***	13.9	14.7	15.2	16.1	18.9	63.0	59.6	2.0	1.8
8	Tandojam	0.5	0.0	-0.5	0.2	-0.2	16.5	***	17.6	***	***	***	21.4	67.0	69.8	1.0	1.8
9	Sakrand	3.8	0.0	-3.8	4.6	0.2	15.1	20.2	18.0	17.5	18.6	19.9	***	66.0	66.6	2.8	2.2
11	Rohri	6.2	0.0	-6.2	-0.7	-1.4	14.5	***	***	***	***	***	***	65.1	66.9	3.0	2.0
12	D.I Khan	1.0	0.00	-1.0	0.0	-0.4	11.4	10.7	11.0	12.0	***	4.4	***	77.0	33.1	1.2	1.0
13	Peshawar	16.0	0.00	-16.0	1.9	-2.3	11.6	10.6	10.6	10.8	12.5	13.4	18.4	64.0	23.4	2.0	1.4
14	Usta M.	1.1	0.0	-1.1	-0.6	-3.6	13.0	19.6	17.0	16.9	***	***	21.7	70.0	***	1.5	5.0
15	Quetta	9.3	0.0	-9.3	4.0	1.5	8.1	9.4	7.8	6.7	6.8	7.9	10.2	40.8	81.0	4.3	2.2
16	Skardu	14.5	1.0	-13.5	1.9	-0.9	-1.2	***	***	***	***	***	***	61.0	23.5	0.0	0.6
17	Gilgit	2.6	0.0	-2.6	1.0	-2.3	3.6	***	***	***	***	***	***	48.4	22.9	1.7	1.0

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.

Graph at RAMCs during December 2025



Past Weather (11th to 20th January 2026)

Cold and dry weather prevailed in most part of the country, while very cold in hilly areas. Moderate to dense fog prevailed over most districts of Punjab, upper Sindh and plain districts of Khyber Pakhtunkhwa. However, light to moderate rainfall was reported from upper Khyber Pakhtunkhwa and isolated parts Gilgit-Baltistan.

1.1 Punjab

Cold and dry weather prevailed, while moderate to dense fog persisted over most parts of the province during the last decade. The decadal maximum and minimum temperatures were observed below normal by 0.3°C and 1.5°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 70%, 48.0hrs, 1.4km/hr. and 1.2 mm/day respectively.

1.2 Sindh

Cold and dry weather prevailed, while moderate to dense fog persisted over upper parts of the province during the last decade of the province. The decadal maximum temperatures were observed above normal by 1.4°C and minimum temperatures were observed below normal by 0.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 66%, 67.8 hours, 2.3km/hr., and 2.0 mm/day respectively.

1.3 Khyber Pakhtunkhwa

Cold and dry weather prevailed while very cold in upper parts, moderate to dense fog persisted over plain areas. Light to moderate rainfall reported from upper parts of the province during the last decade. The decadal maximum temperatures were observed above normal by 0.9°C and minimum temperatures were observed below normal by 1.3°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 71%, 28.3hrs, 1.6km/hr. and 1.2 mm/day respectively.

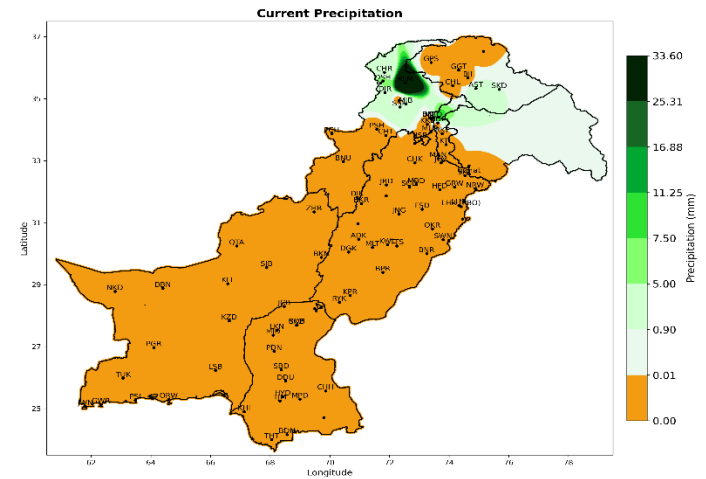
1.4 Balochistan

Cold and dry weather prevailed while very cold in upper parts of the province during the last decade. The decadal maximum temperatures were observed above normal by 1.7°C and minimum temperatures were observed below normal by 1.1°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 55%, 81.0 hrs, 2.9 km/hr and 3.6 mm/day respectively.

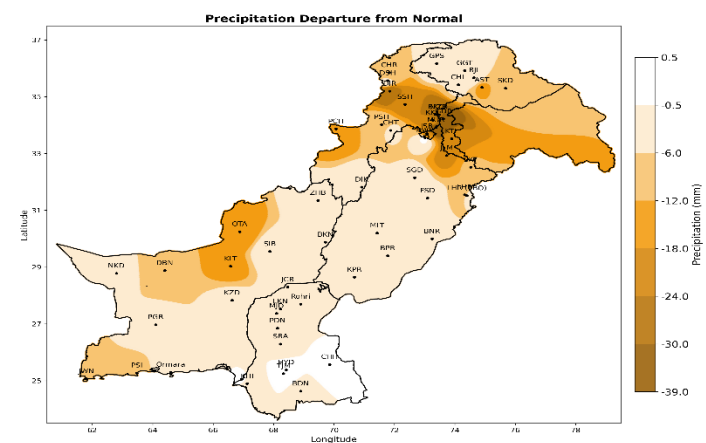
1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

Very cold and dry weather with light rain reported from Gilgit-Baltistan and Very cold and dry weather reported from Azad Jammu & Kashmir during the last decade. The decadal maximum temperatures were observed above normal by 1.4°C and minimum temperatures were observed below normal by 1.6°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 55%,

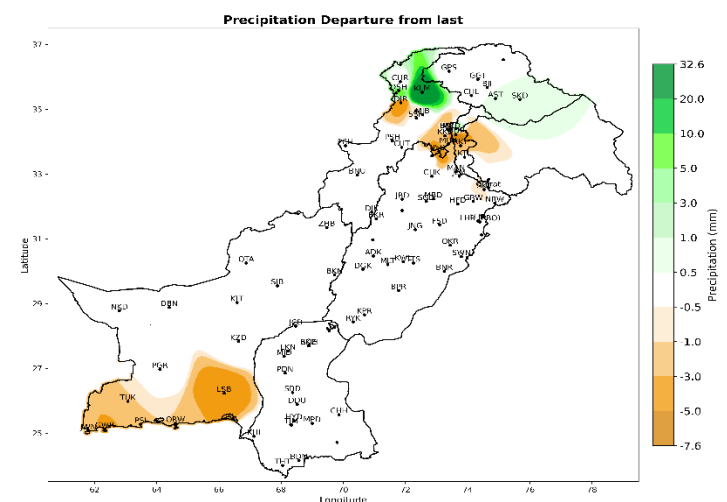
23.2hrs, 0.9km/hr and 1.2 mm/day respectively.



I. Actual rainfall



Departure of rainfall from Normal



Departure of rainfall from Previous Decade

Figure.1: Rainfall distribution during previous decade (mm)

(a) **Past Weather for Major Agricultural Plains**
(11th to 20th January 2026)

2.1 RAMC, Rawalpindi (Potohar region)

Cold and dry weather was observed during the decade; however, weather remained cloudy for 10 days. Average relative humidity recorded as 63%. Mean day temperature was 21.4°C while night temperature was recorded as 1.5°C with 58.8 hours of bright sunshine duration. Wind speed recorded as 0.9 km/hr with mean wind direction *Westerly*
No crops were reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Cold and dry weather was observed during the decade; however, weather remained partially cloudy for 08 days. Average relative humidity recorded as 73%. Mean day temperature was 17.9°C while night temperature recorded as 3.9°C with 51.3 hours bright sunshine duration. Wind speed recorded as 0.7km/hr. with mean wind direction *Westerly*.
Wheat: Very good, Shooting.

2.3 RAMC, Tandojam (Lower Sindh)

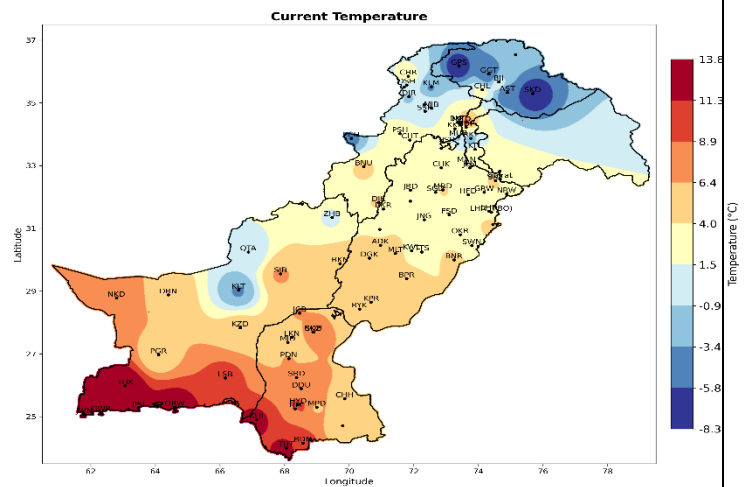
Cold and dry weather was observed during the decade. Average relative humidity was recorded as 67%. Mean day temperature was 24.7°C while night temperature recorded as 8.3°C with 69.8 hours bright sunshine duration. Mean wind direction *North-north easterly*.
Wheat (IV-3): Good; Heading.

2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

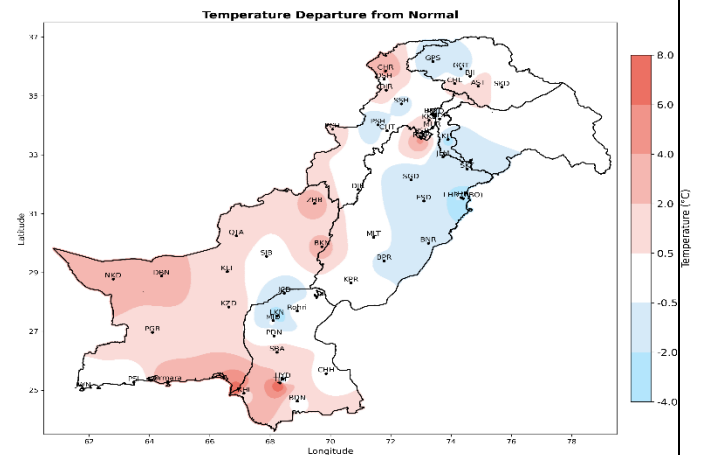
Cold and dry weather was observed during the decade; however, weather remained partially cloudy for 02 days. Average relative humidity recorded as 70%. Mean day temperature was 20.8°C while night temperature was recorded as 5.1°C. Wind speed was recorded as 1.5 km/hr. with mean wind direction *North Easterly*.
Wheat: Good, Third leaf.

2.5 RAMC, Quetta (Northern Baluchistan)

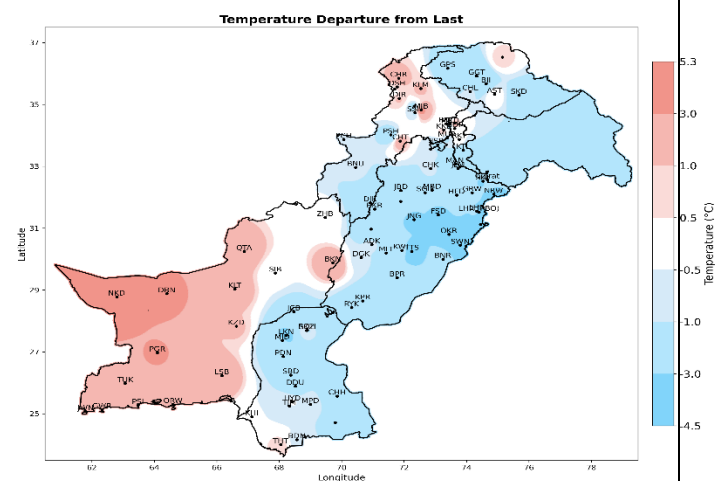
Very cold and dry weather was observed during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 41%. Mean day temperature was 15.9°C while night temperature recorded as 0.3°C with 81.0 hours bright sunshine duration. Wind speed recorded as 4.3km/hr. with mean wind direction *North easterly*.



II. Actual min-temperature



III. Departure of min-temperature from Normal



IV. 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 (11th to 20th January 2026)

2.6 Jhelum

Cold and dry weather with light to moderate fog was observed during the decade; however, weather remained cloudy for 05 days during the decade. Average relative humidity recorded as 79%. Mean day temperature was 15.4°C while night temperature was recorded as 3.6°C with 36.3 hours bright sunshine duration. Wind speed recorded as 0.4 km/hr. with mean wind direction *Variable*.

2.7 Lahore

Cold and dry weather with light to moderate fog was observed during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 74%. Mean day temperature was 16.4°C while night temperature recorded as 3.8°C with 27.7 hours bright sunshine duration. Wind speed recorded as 0.4 km/hr. with mean wind direction *Westerly*.

2.8 Sargodha

Cold and dry weather was observed during the decade; however, weather remained partially cloudy for 06 days. Average relative humidity recorded as 74%. Mean day temperature was 17.6°C while night temperature recorded as 3.3°C with 35.9 hours bright sunshine duration. Wind speed recorded as 0.9 km/hr. with mean wind direction *South Easterly*.

Wheat: Good; Tillering completed.

2.9 Multan

Cold and dry weather with light to moderate fog was observed during the decade; however, weather remained partially cloudy for 05 days. Average relative humidity recorded as 64%. Mean day temperature was 19.8°C while night temperature recorded as 5.1°C with 43.2 hours bright sunshine duration. Wind speed recorded as 1.1 km/hr with mean wind direction *South Westerly*.

2.10 Khanpur

Cold and dry weather was observed during the decade; however, weather remained partially cloudy for 04 days. Average relative humidity recorded as 63%. Mean day temperature was 22.1°C while night temperature recorded as 4.2°C with 59.6 hours bright sunshine duration. Wind direction is *North easterly*.

2.11 Sakrand

Cold and dry weather was observed during the decade; however, weather remained partially cloudy for 01 day. Average relative humidity recorded as 66%. Mean day temperature was 23.0°C while night temperature recorded as 7.1°C with 66.6 hours bright sunshine duration. Wind direction *North Westerly*.

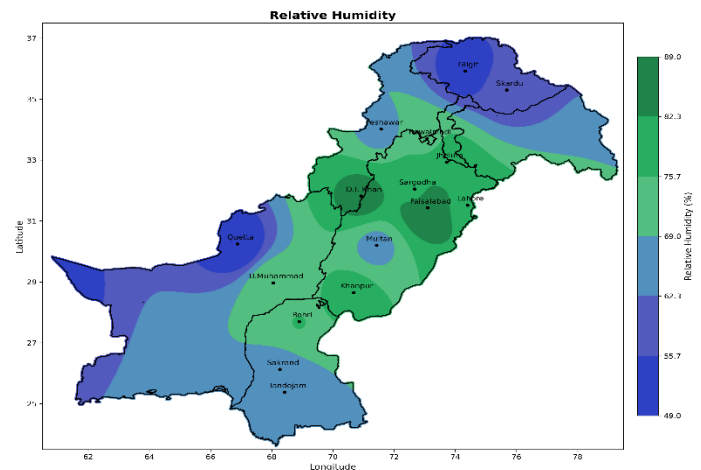


Figure.3: Relative Humidity in Percentage (%)

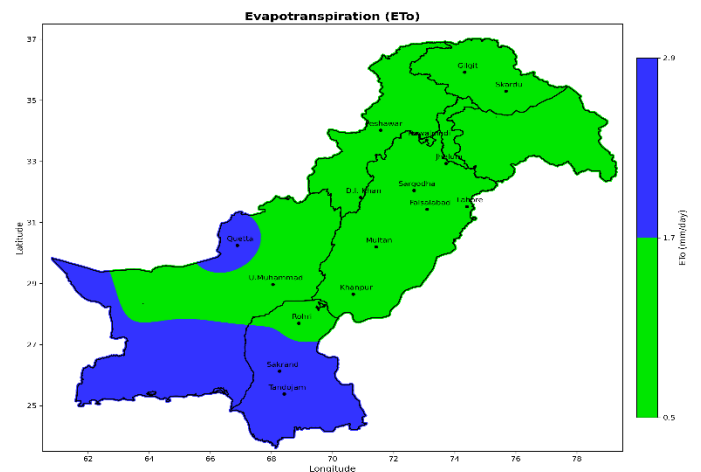


Figure.4: Reference Crop Evapotranspiration ET0 (mm/day)

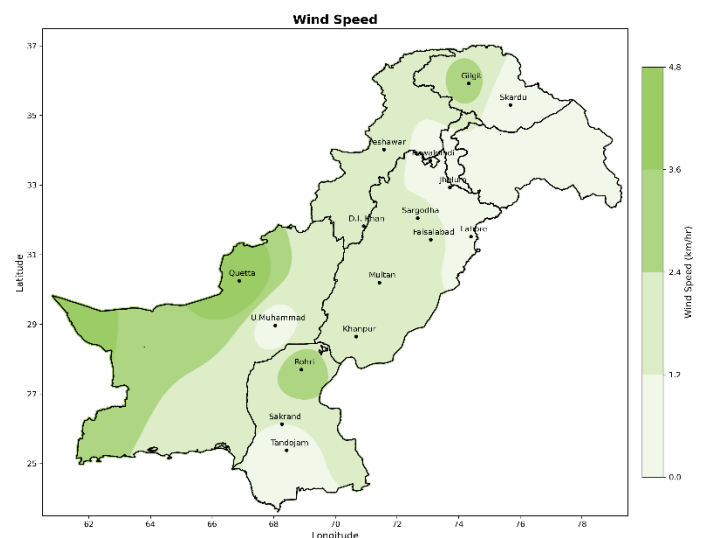


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Cold and dry weather was observed during the decade; however, weather remained partially cloudy for 03 days. Average relative humidity recorded as 65%. Mean day temperature was 21.0°C while night temperature recorded as 7.9°C with 66.9 hours bright sunshine duration. Wind speed recorded as 3.0 km/hr. with mean wind direction as *North Easterly*.

Wheat: *V. Good; Stem extension.*

2.13 D.I. Khan

Cold and dry weather was observed during the decade; however, weather remained partially cloudy for 01 day. Average relative humidity recorded as 77%. Mean day temperature was 18.5°C while night temperature recorded as 4.2°C with 33.1 hours bright sunshine duration. Wind speed recorded as 1.2 km/hr. with mean wind direction as *South easterly*.

2.14 Peshawar

Very cold and dry weather was observed during the decade; however, weather remained partially cloudy for 08 days. Average relative humidity recorded as 64%. Mean day temperature was 20.6°C while night temperature recorded as 2.5°C with 23.4 hours bright sunshine duration. Wind speed recorded as 2.0 km/hr with mean wind direction as *North Westerly*.

2.15 Skardu

Very cold weather with rain was reported 1.0 mm; however, weather remained cloudy for 07 days during the decade. Average relative humidity recorded as 61%. Mean day temperature was 6.0°C while night temperature recorded as -8.3 °C with 23.5 hours bright sunshine duration. Wind direction is *calm*.

2.16 Gilgit

Very cold and dry weather was observed during the decade; however, weather remained cloudy for 10 days. Average relative humidity recorded as 48%. Mean day temperature was 11.6°C while night temperature recorded as -4.5°C with 22.9 hours bright sunshine duration. Wind speed recorded as 1.7km/hr with mean wind direction as *Variable*.

Eleven Days Weather Advisory for Farmers (21st to 31st 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:**

Rain-wind/thunderstorm is likely on 22nd and 23rd January while cold and dry weather is expected rest period of the decade. Shallow to moderate fog may develop over plain areas in the province during the decade.

❖ **Khyber Pakhtunkhwa:**

Rain-wind/thunderstorm is likely from 21st to 27th January while cold and dry weather is expected rest period of the decade in the province.

❖ **Sindh:**

Rain-wind/thunderstorm is likely on 23rd January while cold and dry weather is expected rest period of the decade. Shallow to moderate fog may develop over plain areas in the province during the decade.

❖ **Baluchistan:**

Rain-wind/thunderstorm is likely on 21st, 22nd, 25th, 26th and 27th January while cold and dry weather is expected rest period of the decade in the province.

Gilgit-Baltistan:

Rain-wind/thunderstorm and cold weather is expected in Gilgit-Baltistan during the the decade.

❖ **Kashmir:**

Rain-wind/thunderstorm and cold weather is expected in Kashmir during the the decade.

3.4 Advisory for Farmers

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