

# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the Previous Week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

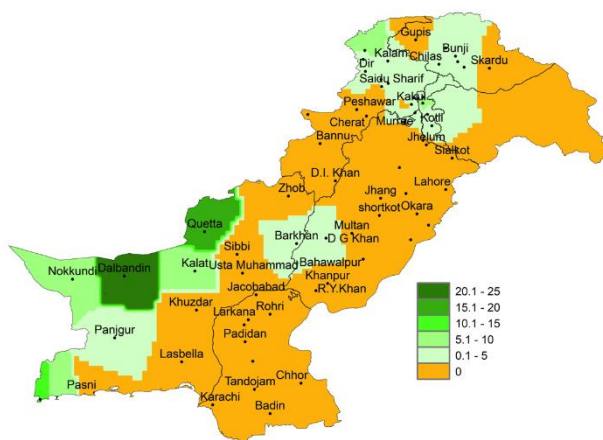


Figure 1: Rainfall.

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## Highlights of Past Weather (13<sup>th</sup> – 19<sup>th</sup> January 2025)

- Mainly dry weather prevailed over the country, whereas light to moderate rainfall was reported from west Baluchistan, few parts Punjab, upper Khyber Pakhtunkhwa Gilgit Baltistan and Kashmir.
- Normal to above normal daily maximum temperatures were observed in the country except Sindh, whereas below normal in Sindh, lower Punjab and East Baluchistan.
- Normal to above normal and normal to below normal daily minimum temperatures were observed in the country.
- Normal to above normal daily mean temperatures were observed in the country, whereas normal in Sindh, some parts in Punjab, Balochistan, upper Khyber Pakhtunkhwa.

**Patron-in-Chief: Mahr Sahibzad Khan (Director General)**

**Editor-in-Chief: Asma Jawad Hashmi (Director)**

**Editor: Irshad Ali (Assistant Meteorologist)**

## **Past Weather of Provinces** **(13<sup>th</sup> – 19<sup>th</sup> January 2025)**

### **Punjab**

Light rainfall reported from some parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 19.4°C & 5.2°C respectively. Average relative humidity recorded as 67% and wind speed in the morning/evening recorded as 1.0/1.3 Knots. The highest rainfall was reported as 2.5 mm from Murree. However, the lowest minimum temperature was recorded as -1.6°C at Murree.

### **Baluchistan**

Light to moderate rainfall reported from western parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 19.6°C & 4.9°C respectively. For the recent week on average 7.7 growing degree days were accumulated. Average relative humidity recorded 47% and wind speed in the morning/evening recorded as 1.5/4.0 Knots. The lowest minimum temperature was recorded -6.5°C at Kalat.

### **Khyber Pakhtunkhwa**

Light rain reported from upper parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 15.0°C & 1.3°C respectively. Average relative humidity recorded as 70% and wind speed in the morning/evening recorded as 0.8/0.5 Knots. The highest rainfall was reported as 5.70 mm from Chitral. However, the lowest minimum temperature was recorded as -6.5°C at Kalam.

### **Sindh**

Dry weather reported from the province during the previous week. Weekly maximum and minimum temperatures recorded as 22.9°C & 7.5°C respectively. For the recent week, on average 4.3 growing degree days were accumulated. Average relative humidity recorded as 69% and wind speed in the morning/evening recorded as 2.6/4.8 Knots. The lowest minimum temperature recorded as 2.0 °C at Mithi.

## **Gilgit-Baltistan and Azad Jammu & Kashmir**

Light to moderate rainfall reported from Gilgit-Baltistan and Azad Jammu & Kashmir during the previous week. Weekly maximum and minimum temperatures recorded as 10.8°C & -2.5°C respectively. Average relative humidity recorded as 62%. and wind speed recorded in the morning/evening as 0.2/0.7. The highest rainfall was reported as 5.90 mm from Garhi Dopata. However, the lowest minimum temperature was recorded as -11.0°C at Gupis.

**Past Weather for Major Agricultural Plains****(13<sup>th</sup> – 19<sup>th</sup> January 2025)****Rawalpindi (Potohar region)**

Dry weather reported from Rawalpindi during the week; however, cloudiness in the morning/evening recorded 3.7/4.7 Oktas while average relative humidity observed as 71%. Mean minimum time temperature was recorded as 1.4°C. Wind speed recorded in the morning/evening as 0.0/0.6 Knots. The lowest minimum temperature was recorded as 1.3°C.

**Faisalabad (Central Punjab)**

Dry weather reported from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 2.4/1.9 Oktas during the week while, average relative humidity observed as 73%. Mean minimum time temperature recorded 5.5°C. Wind speed recorded in the morning/evening as 0.0/1.1 Knots. The lowest minimum temperature was recorded as 3.0°C.

**Tandojam (Lower Sindh)**

Dry weather reported from Tandojam during the week; however, however, clear sky observed in the morning/evening during the week while, average relative humidity observed as 70%. Mean minimum time temperature recorded as 7.1°C. Wind speed recorded in the morning/evening as 2.9/4.0 Knots. The lowest minimum temperature was recorded as 6.5°C.

**Usta Muhammad (Eastern Baluchistan)**

Dry weather reported from Usta Muhammad during the week; however, cloudiness in the morning/evening recorded as 2.1/1.7 Oktas during the week, while average relative humidity observed as 72%. Mean minimum time temperature recorded as 3.9°C & for the recent week 51.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.2/0.8 Knots. The lowest minimum temperature was recorded as 3.0°C.

**Quetta (Northern Baluchistan)**

Rainfall reported as 12.20 mm from Quetta during the week; however, however cloudiness in the morning/evening recorded as 3.4/4.1 Oktas while, average relative humidity observed as 45%. Mean minimum time temperature recorded as 0.2°C & for the recent week 6.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.0/3.6 Knots. The lowest minimum temperature was recorded as -1.0°C.

**Past Weather for Sub-Regional Agricultural Plains (13<sup>th</sup> – 19<sup>th</sup> January 2025)****Multan**

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 2.0/1.9 Oktas while average relative humidity observed as 73%. Mean minimum time temperature recorded as 5.6°C. Wind speed recorded in the morning/evening as 0.9/1.4 Knots.

**Lahore**

Dry weather reported from Lahore during the week; cloudiness in the morning/evening recorded as 1.8/3.3 Oktas while average relative humidity observed as 73%. Mean minimum time temperature recorded as 5.5°C. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

**Zhob**

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 1.7/2.3 Oktas during the week while, Average relative humidity observed as 38%. Mean minimum time temperature recorded as -1.0°C. Wind speed recorded in the morning/evening as 2.0/4.3 Knots.

**Murree**

Rainfall reported as 2.50 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 3.1/4.3 Oktas while, average relative humidity observed as 54%. Mean minimum time temperature recorded as -0.6°C. Wind speed recorded in the morning/evening as 2.0/1.7 Knots.

**D.I. Khan**

Dry weather reported from D.I. Khan during the week; however, cloudiness in the morning/evening recorded as 1.6/0.4 Oktas during the week while, average relative humidity observed as 71%. Mean minimum time temperature recorded as 6.6°C. Wind speed recorded in the morning/evening as 1.4/1.4 Knots.

**Peshawar**

Dry weather reported from Peshawar during the week; however, cloudiness in the morning/evening recorded as 3.3/4.0 Oktas while, average relative humidity observed as 67%. Mean minimum time temperature was recorded as 2.9°C. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

**Kalam**

Rainfall reported as 5.00 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 4.3/5.4 Oktas while,

average relative humidity observed as 61%. Mean minimum time temperature recorded as  $-4.7^{\circ}\text{C}$ . Wind speed recorded in the morning/evening as calm.

#### **Gilgit**

Rainfall reported as 0.60 mm from Gilgit during the week, cloudiness in the morning/evening recorded as 5.0/4.0 Oktas while, average relative humidity observed as 59%. Mean minimum time temperature recorded as  $-4.2^{\circ}\text{C}$ . Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

#### **Skardu**

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 4.9/5.4 Oktas while, average relative humidity observed as 61%. Mean minimum time temperature recorded as  $-8.7^{\circ}\text{C}$ . Wind speed recorded in the morning/evening as calm.

### **Crop Situation for Major Agricultural Plains (Based on data from Regional Agromet Centers)**

#### **Potohar Region (Rawalpindi)**

There is presently no crop grown in the fields of RAMC Rawalpindi.

#### **Central Punjab (Faisalabad)**

Wheat crop is sown in the fields of RAMC Faisalabad. Date of sowing 25-11-2024. Phonological Stage: Tillering Completed. Condition: Very good.

#### **Lower Sindh (Tandojam)**

Wheat crop is sown in the fields of RAMC Tandojam. Date of sowing 14-11-2024. Phonological Stage: Shooting. Condition: Very Good.

#### **Northern Baluchistan (Quetta)**

Wheat crop is sown in the fields of RAMC Quetta. Phonological Stage: Third Leaf. Condition: Good.

#### **Eastern Baluchistan (Usta Muhammad)**

Rice crop is sown in the fields of RAMC Usta Muhammad. Date of sowing 01-06-2024. Phonological Stage: Emergence. Condition: *Good*.

**Actual & Departure of Maximum temperature (°C) for the Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

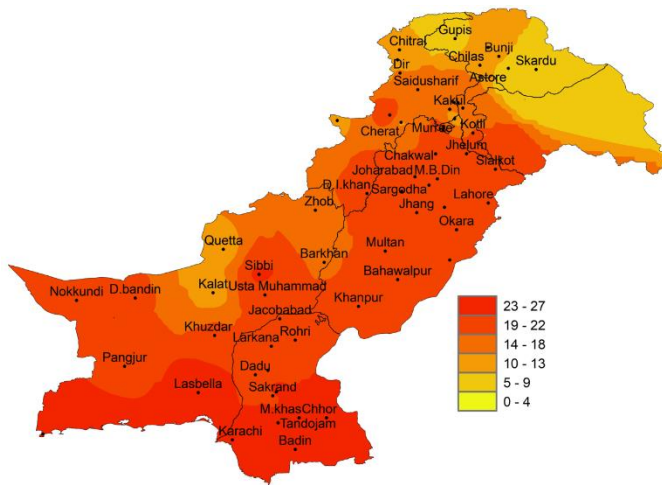


Figure 2: Actual Maximum temperature.

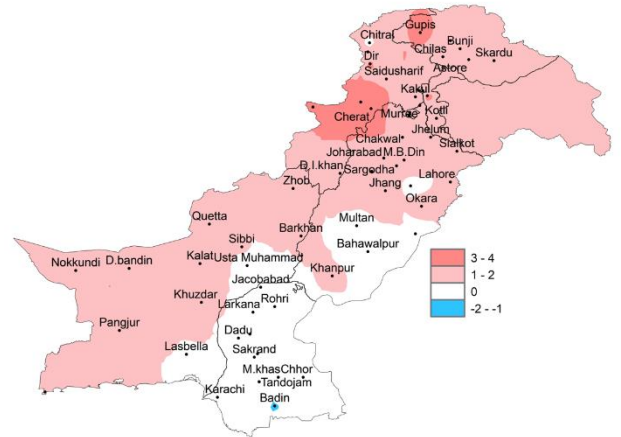


Figure 3: Departure of Maximum temperature.

**Actual & Departure of Mean temperature (°C) for the Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

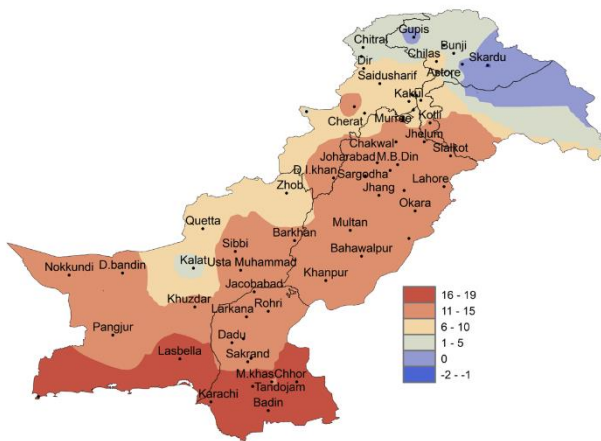


Figure 5: Actual Mean temperature.

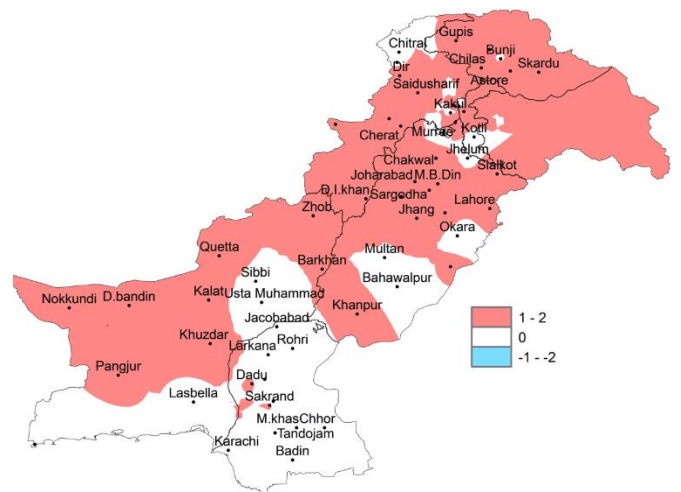


Figure 4: Departure of Mean temperature.

**Actual Minimum temperature (°C) during the  
Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

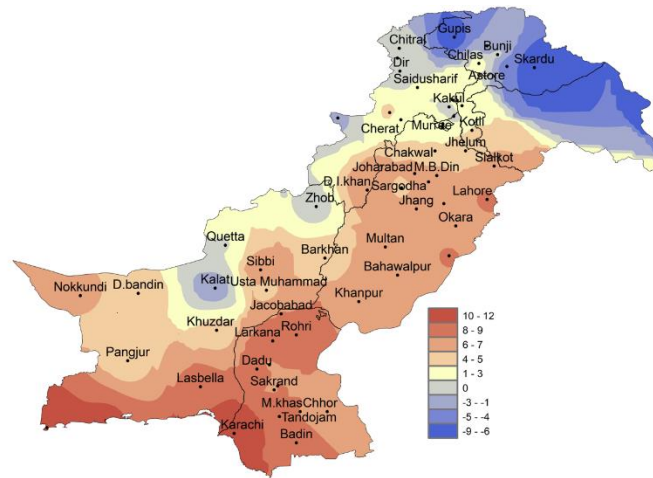


Figure 6: Actual Minimum temperature.

**Departure of Minimum temperature (°C) during the  
Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

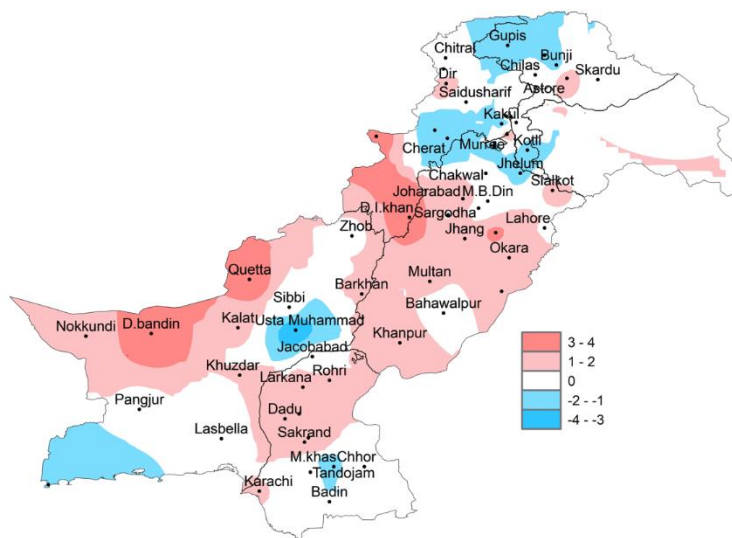


Figure 7: Departure of Minimum temperature.

Mean Relative Humidity (%) during the Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)

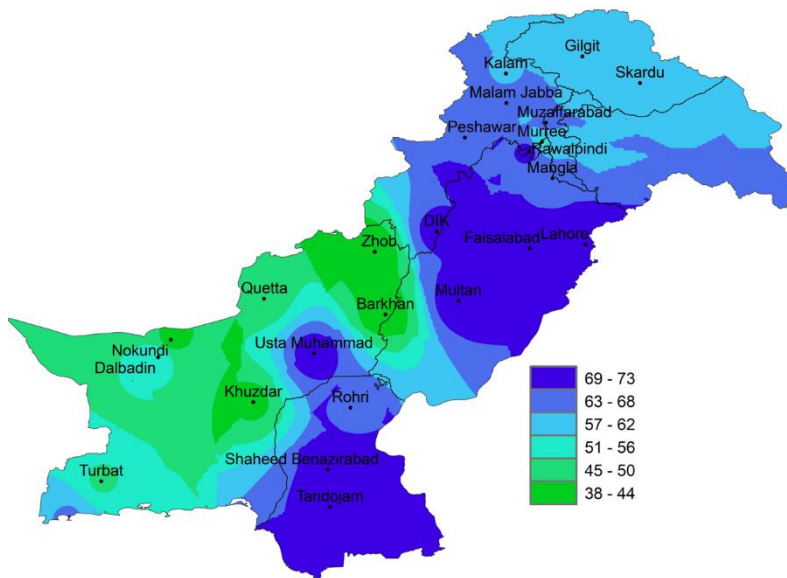


Figure 8: Relative Humidity

Total Growing Degree Days accumulated during the Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)

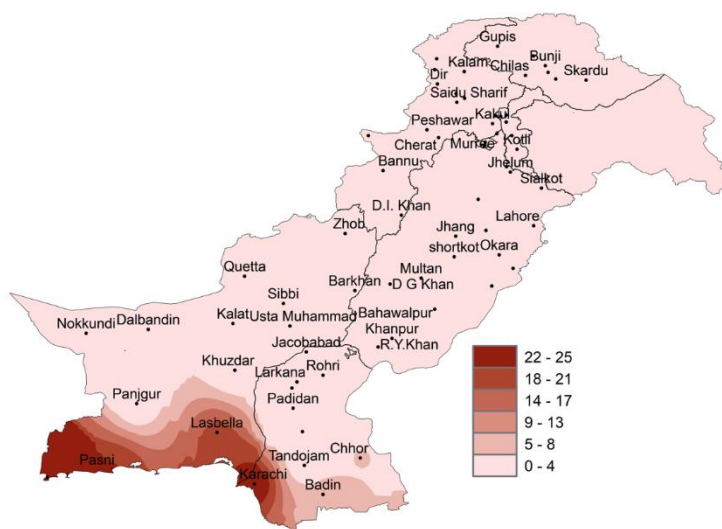


Figure 9: Growing Degree Days



**Mean Cloudiness (Octas) at 0800PST during the  
Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

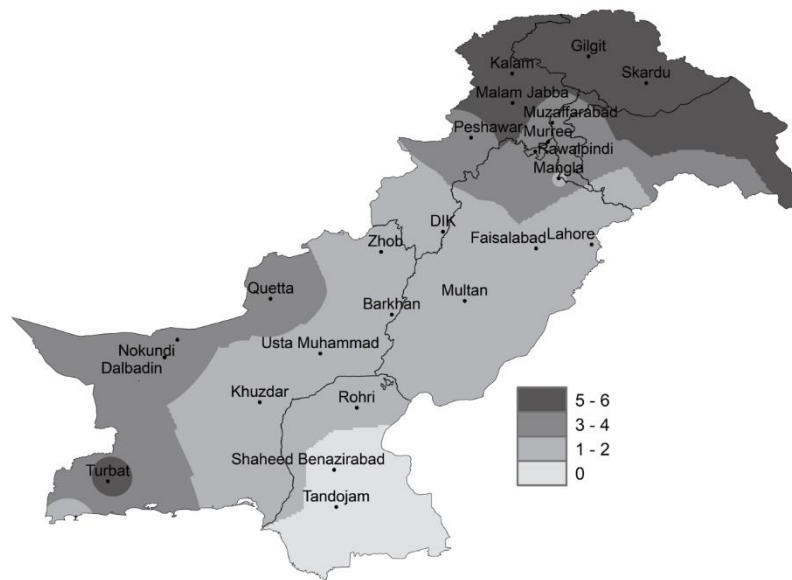


Figure 10: Mean Cloudiness at 0800

**Mean Cloudiness (Octas) at 1700PST during the  
Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

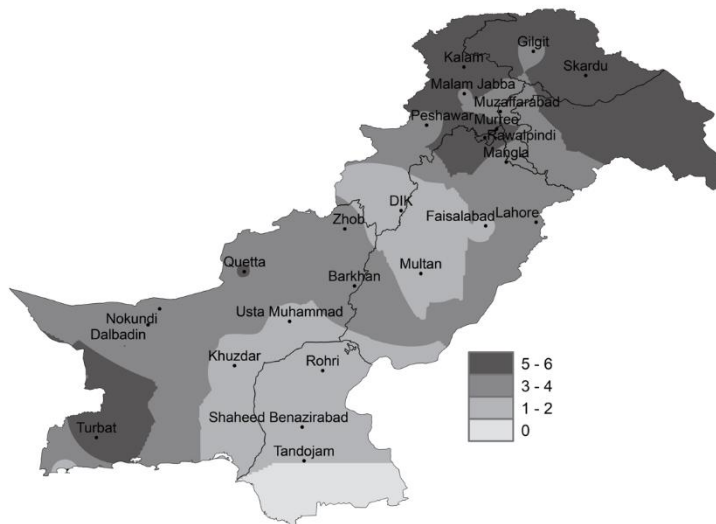


Figure 11: Mean Cloudiness at 1700



**Mean Wind Speed (Knots) at 0800PST during the  
Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

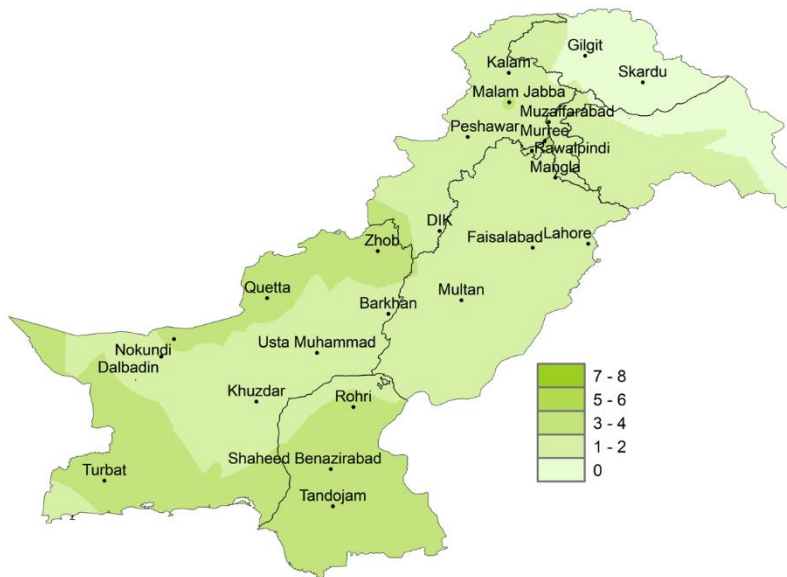


Figure 12: Mean Wind Speed 0300

**Mean Wind Speed (Knots) at 1700PST during the  
Previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

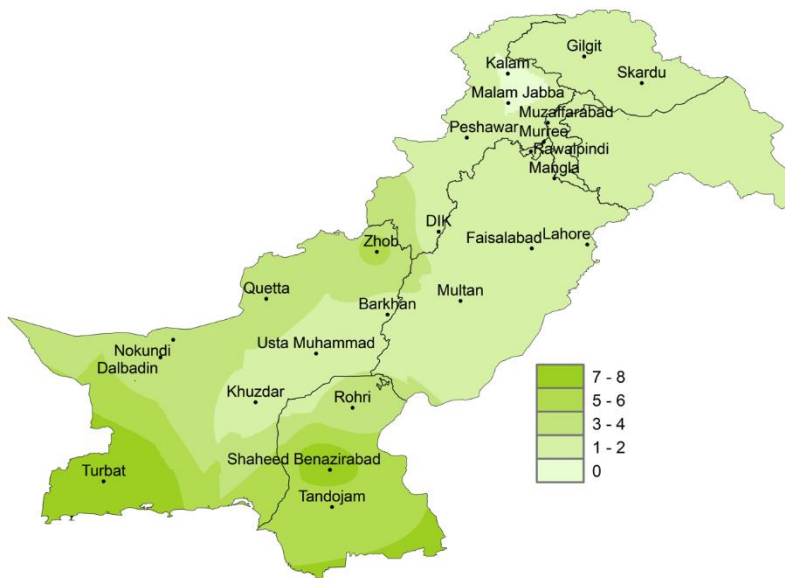
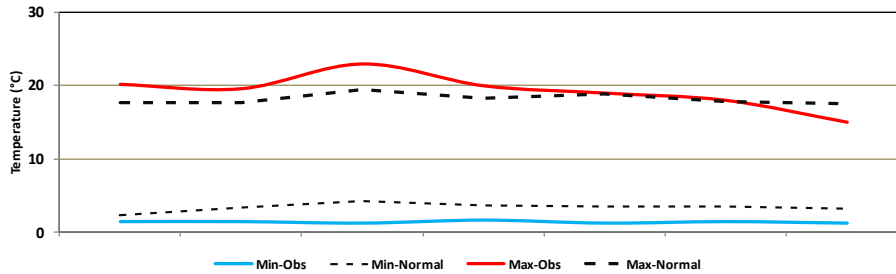


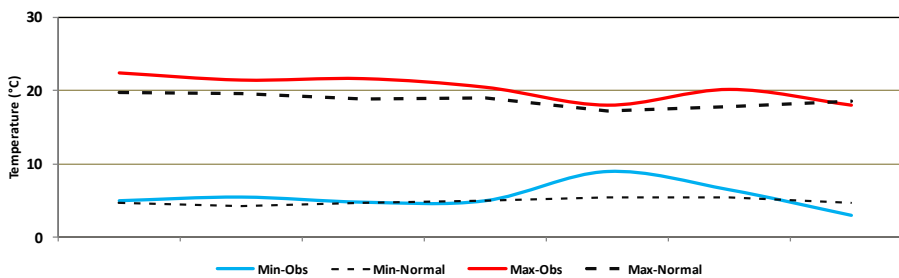
Figure 13: Mean Wind Speed 1700

Comparison of temperatures for RAMCs (Minimum & Maximum with normal) during the previous week (13<sup>th</sup> – 19<sup>th</sup> January 2025)

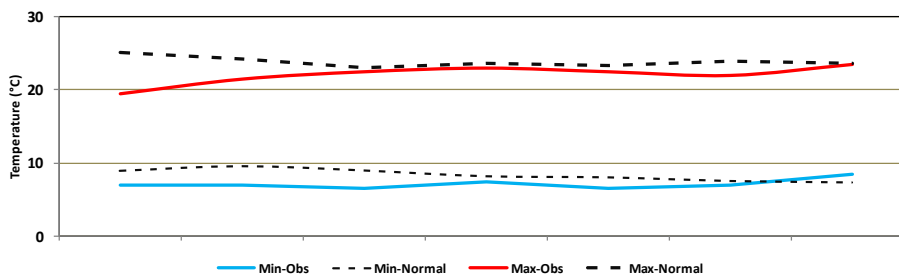
Rawalpindi (Min & Max Temperatures)



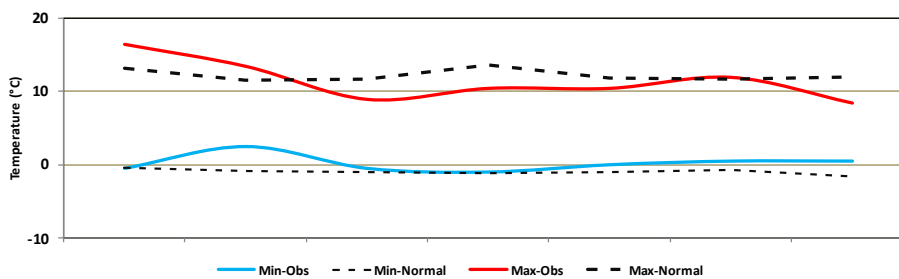
Faisalabad (Min & Max Temperatures)



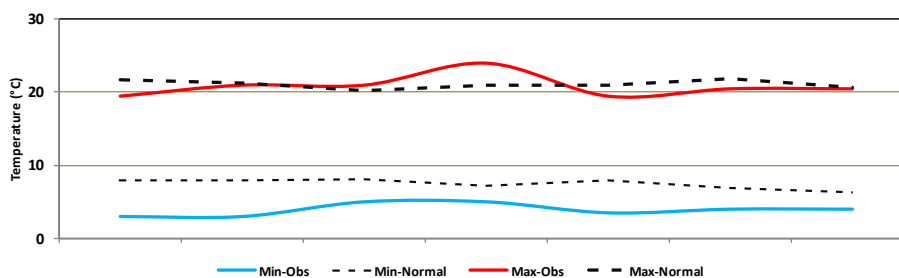
Tandojam (Min & Max Temperatures)



Quetta (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers****(20<sup>th</sup> – 26<sup>th</sup> January 2025)**

A westerly wave is affecting western & upper parts of the country. Continental air is prevailing over other part of the country.

**MONDAY****20-01-2024**

Rain-windstorm (with snow over hills) is likely in Northwest Balochistan, Khyber Pakhtunkhwa, Gilgit-Baltistan, Kashmir and adjoining areas. Cold and dry weather is expected in other parts of the country. Light to moderate fog (in patches) is likely to persist in most districts of Punjab and upper Sindh.

**TUESDAY****21-01-2024**

Rain (with snow over hills) is likely in Northwest Balochistan, upper Khyber Pakhtunkhwa and Gilgit-Baltistan. Cold and dry weather is expected in other parts of the country. Light to moderate fog (in patches) is likely to persist in most districts of Punjab and upper Sindh during morning/night hours.

**WEDNESDAY****22-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in hilly areas. Partly cloudy weather with light rainfall/light snowfall is likely at isolated places in north Balochistan, Gilgit Baltistan, upper Khyber Pakhtunkhwa and Kashmir. Moderate to Dense fog is expected in plain areas of Punjab, Khyber Pakhtunkhwa and upper Sindh.

**THURSDAY****23-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in hilly areas. Moderate to Dense fog is likely in plain areas of Punjab, Khyber Pakhtunkhwa and upper Sindh.

**FRIDAY****24-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in hilly areas. Dense fog is likely in plain areas of Punjab, Khyber Pakhtunkhwa and upper Sindh.

**SATURDAY****25-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in hilly areas. Dense fog is likely in plain areas of Punjab, Khyber Pakhtunkhwa and upper Sindh.

**SUNDAY****26-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in hilly areas. Dense fog is likely in plain areas of Punjab, Khyber Pakhtunkhwa and upper Sindh.

**ADVISORY FOR FARMERS**

- The farmers may plan field activities according to the PMD weather forecast.

**National Weather Data of Selected Cities from (13<sup>th</sup> – 19<sup>th</sup> January 2025)**

Stations	Minimum/Day Time Temperature (°C)		Growing Degree Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800 PST	Cloudiness (Oktas) 1700 PST	Wind Speed (Knots) 0800 PST	Wind Speed (Knots) 1700 PST
	Mean	Lowest							
D.I. Khan	6.6	5.5	0.0	71	0.00	1.6	0.4	1.4	1.4
Faisalabad	5.5	3.0	0.0	73	0.00	2.4	1.9	0.0	1.1
Gawadar	10.3	9.0	22.8	63	9.50	2.1	1.7	0.0	6.0
Gilgit	-4.2	-6.6	0.0	59	0.60	5.0	4.0	0.0	0.9
Kalam	-4.7	-6.5	0.0	61	5.00	4.3	5.4	0.0	0.0
Khuzdar	3.4	2.0	0.0	42	0.00	0.4	1.6	0.0	1.1
Lahore	5.5	5.0	0.0	73	0.00	1.8	3.3	0.0	0.9
Malam Jabba	-2.1	-4.0	0.0	64	2.00	4.9	4.0	1.7	0.0
Mangla	3.1	1.3	0.0	63	0.00	2.4	3.4	0.9	2.0
Multan (PBO)	5.6	4.8	0.0	73	0.00	2.0	1.9	0.9	1.4
Murree	-0.6	-1.6	0.0	54	2.50	3.1	4.3	2.0	1.7
Muzaffarabad	2.0	1.0	0.0	64	4.50	3.1	3.6	0.0	0.0
Sh. Ben. Abad	7.1	5.5	0.0	70	0.00	0.0	0.0	3.1	7.4
Peshawar	2.9	0.6	0.0	67	0.00	3.3	4.0	0.0	0.9
Quetta	0.2	-1.0	6.0	45	12.20	3.4	4.1	2.0	3.6
Rawalpindi	1.4	15.0	0.0	71	0.00	3.7	4.7	0.0	0.6
Rohri	8.4	7.0	0.0	66	0.00	0.0	1.0	1.7	2.9
Skardu	-8.7	-10.6	0.0	61	0.00	4.9	5.4	0.0	0.0
Tandojam	7.1	6.5	0.0	70	0.00	0.0	0.0	2.9	4.0
U.Muhammad	3.9	3.0	51.8	72	0.00	2.1	1.7	0.2	0.8
Zhob	-1.0	-2.0	0.0	38	0.00	1.7	2.3	2.0	4.3

\*\*\* Shows that data was not available.