

# Weekly Weather and Crop Bulletin for Pakistan

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Rainfall Distribution (mm) during the Previous Week (06<sup>th</sup> - 12<sup>th</sup> January 2025)

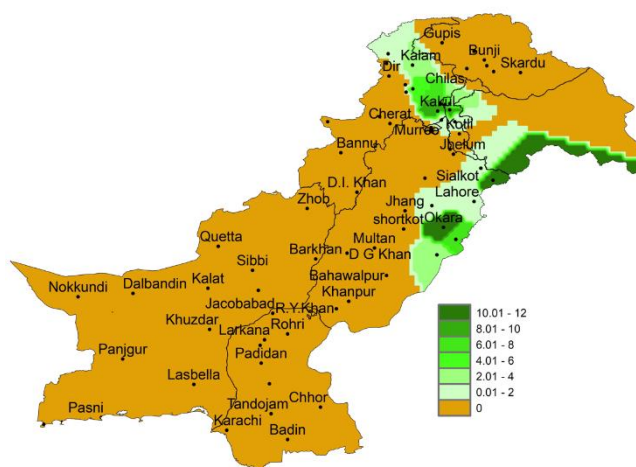


Figure 1: Rainfall.

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## Highlights of Past Weather (06<sup>th</sup> - 12<sup>th</sup> January 2025)

- Mainly dry weather prevailed over the country, whereas light rainfall was reported from northeast Punjab, upper Khyber Pakhtunkhwa and Kashmir.
- mostly above normal daily maximum temperatures were observed the country, whereas below normal in some parts of southwest Baluchistan and upper Khyber Pakhtunkhwa.
- Normal to below normal daily minimum temperatures were observed Balochistan, Sindh, Khyber Pakhtunkhwa and Gilgit Baltistan, whereas normal to above normal in Punjab, some parts of north Balochistan and lower Khyber Pakhtunkhwa.
- Normal to above normal daily mean temperatures were observed in Punjab, Khyber Pakhtunkhwa, south Balochistan and Kashmir, whereas normal to below normal in south Balochistan, upper Khyber Pakhtunkhwa, Sindh and Gilgit Baltistan.

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

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

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## **Past Weather of Provinces** **(06<sup>th</sup> - 12<sup>th</sup> January 2025)**

### **Punjab**

Light rainfall reported from northeastern parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 19.2°C & 5.0°C respectively. Average relative humidity recorded as 64% and wind speed in the morning/evening recorded as 2.4/2.1 Knots. The highest rainfall was reported as 12.00 mm from Okara. However, the lowest minimum temperature was recorded as -1.0°C at Murree.

### **Baluchistan**

Dry weather prevailed over of the province during the previous week. Weekly maximum and minimum temperatures recorded as 20.5°C & 2.7°C respectively. For the recent week on average 6.0 growing degree days were accumulated. Average relative humidity recorded 38% and wind speed in the morning/evening recorded as 2.0/3.5 Knots. The lowest minimum temperature was recorded -9.5°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 15.6°C & 1.1°C respectively. Average relative humidity recorded as 63% and wind speed in the morning/evening recorded as 1.4/1.4 Knots. The highest rainfall was reported as 9.00 mm from Kakul. However, the lowest minimum temperature was recorded as -8.7°C at Kalam.

### **Sindh**

Dry weather reported from the province during the previous week. Weekly maximum and minimum temperatures recorded as 24.4°C & 6.7°C respectively. For the recent week, on average 5.2 growing degree days were accumulated. Average relative humidity recorded as 62% and wind speed in the morning/evening recorded as 1.9/3.5 Knots. The lowest minimum temperature recorded as 1.8°C at Mithi.

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

Dry weather prevailed over Gilgit-Baltistan, whereas light rain was reported from the and Azad Jammu & Kashmir during the previous week. Weekly maximum and minimum temperatures recorded as 11.8°C & -2.2°C respectively. Average relative humidity recorded as 67%. and wind speed recorded in the morning/evening as 0.3/0.7. The highest rainfall was reported as 10.00 mm from Garhi Dopata. However, the lowest minimum temperature was recorded as -12.0°C at Astore.

**Past Weather for Major Agricultural Plains****(06<sup>th</sup> - 12<sup>th</sup> January 2025)****Rawalpindi (Potohar region)**

Dry weather reported from Rawalpindi during the week; however, cloudiness in the morning/evening recorded 2.4/1.3 Oktas while average relative humidity observed as 67%. Mean minimum time temperature was recorded as 2.7°C. Wind speed recorded in the morning/evening as 0.0/0.2 Knots. The lowest minimum temperature was recorded as 0.5°C.

**Faisalabad (Central Punjab)**

Rainfall reported as 0.01 (trace) mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 0.0/1.7 Oktas while, average relative humidity observed as 76%. Mean minimum time temperature recorded 5.0°C. Wind speed recorded in the morning/evening as 0.5/1.1 Knots. The lowest minimum temperature was recorded as 3.2°C.

**Tandojam (Lower Sindh)**

Dry weather reported from Tandojam during the week; however, however, cloudiness in the morning/evening recorded as 0.6/0.0 Oktas while, average relative humidity observed as 62%. Mean minimum time temperature recorded as 6.8°C & for the recent week 2.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.3/2.6 Knots. The lowest minimum temperature was recorded as 5.0°C.

**Usta Muhammad (Eastern Baluchistan)**

Dry weather reported from Usta Muhammad during the week; however, clear sky was observed in the morning/evening during the week, while average relative humidity observed as 43%. Mean minimum time temperature recorded as 3.1°C & for the recent week 57.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/0.3 Knots. The lowest minimum temperature was recorded as 2.5°C.

**Quetta (Northern Baluchistan)**

Dry weather reported as from Quetta during the week; however, however cloudiness in the morning/evening recorded as 0.8/1.8 Oktas while, average relative humidity observed as 39%. Mean minimum time temperature recorded as -1.6°C & for the recent week 7.0 growing degree days accumulated. Wind speed recorded in the

morning/evening as 0.6/2.8 Knots. The lowest minimum temperature was recorded as -4.5°C.

**Past Weather for Sub-Regional Agricultural Plains (06<sup>th</sup> - 12<sup>th</sup> January 2025)****Multan**

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 1.7/0.7 Oktas while average relative humidity observed as 65%. Mean minimum time temperature recorded as 5.5°C. Wind speed recorded in the morning/evening as 1.4/3.1 Knots.

**Lahore**

Rainfall reported as 0.01 (trace) mm from Lahore during the week; cloudiness in the morning/evening recorded as 2.6/1.6 Oktas while average relative humidity observed as 79%. Mean minimum time temperature recorded as 5.4°C. Wind speed recorded in the morning/evening as 0.0/1.4 Knots.

**Zhob**

Dry weather reported from Zhob during the week; however, clear sky was observed in the morning/evening during the week, Average relative humidity observed as 32%. Mean minimum time temperature recorded as 0.0°C. Wind speed recorded in the morning/evening as 2.3/3.4 Knots.

**Murree**

Rainfall reported as 1.80 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 3.3/2.0 Oktas while, average relative humidity observed as 47%. Mean minimum time temperature recorded as -0.2°C. Wind speed recorded in the morning/evening as 5.4/1.7 Knots.

**D.I. Khan**

Dry weather reported from D.I. Khan during the week; however, clear sky was observed in the morning/evening during the week, while average relative humidity observed as 64%. Mean minimum time temperature recorded as 6.1°C. Wind speed recorded in the morning/evening as 1.1/1.1 Knots.

**Peshawar**

Dry weather reported from Peshawar during the week; however, cloudiness in the morning/evening recorded as 0.7/0.0 Oktas while, average relative humidity observed as 55%. Mean minimum time temperature was recorded as 2.4°C. Wind speed recorded in the morning/evening as 0.3/1.0 Knots.

**Kalam**

Rainfall reported as 2.40 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 1.1/3.0 Oktas while,

average relative humidity observed as 71%. Mean minimum time temperature recorded as  $-7.2^{\circ}\text{C}$ . Wind speed recorded in the morning/evening as 0.3/0.0 Knots.

#### **Gilgit**

Dry weather reported from Gilgit during the week, cloudiness in the morning/evening recorded as 2.7/2.6 Oktas while, average relative humidity observed as 64%. Mean minimum time temperature recorded as  $-3.5^{\circ}\text{C}$ . Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

#### **Skardu**

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 4.6/3.0 Oktas while, average relative humidity observed as 71%. Mean minimum time temperature recorded as  $-6.8^{\circ}\text{C}$ . 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 (06<sup>th</sup> - 12<sup>th</sup> January 2025)**

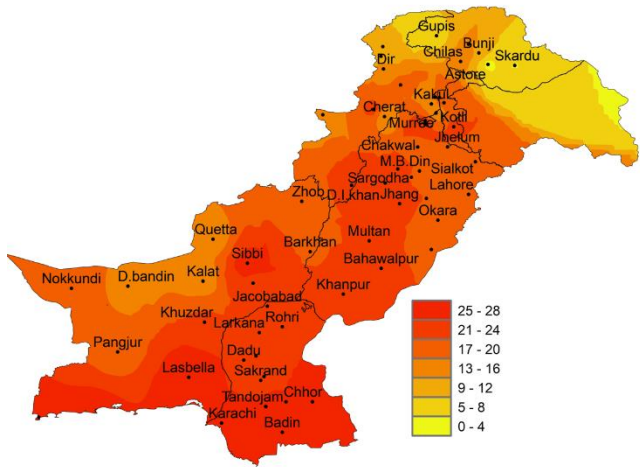


Figure 2: Actual Maximum temperature.

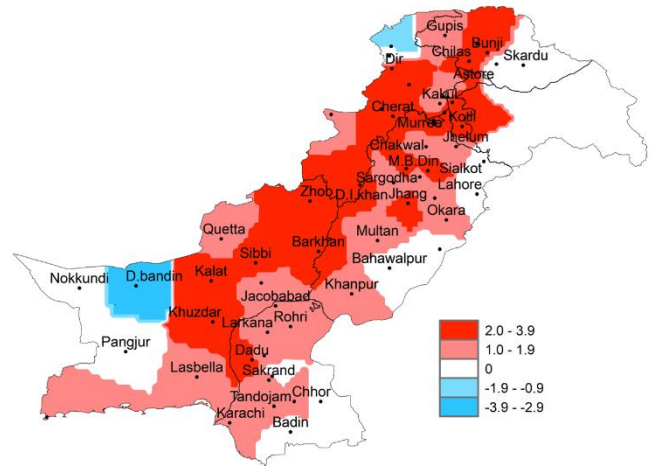


Figure 3: Departure of Maximum temperature.

**Actual & Departure of Mean temperature (°C) for the Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)**

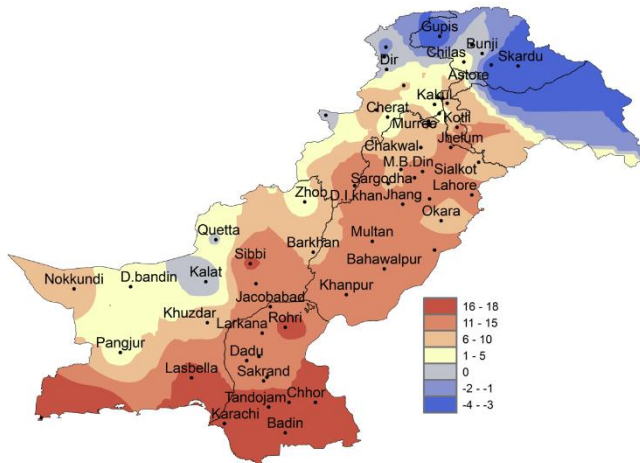


Figure 5: Actual Mean temperature.

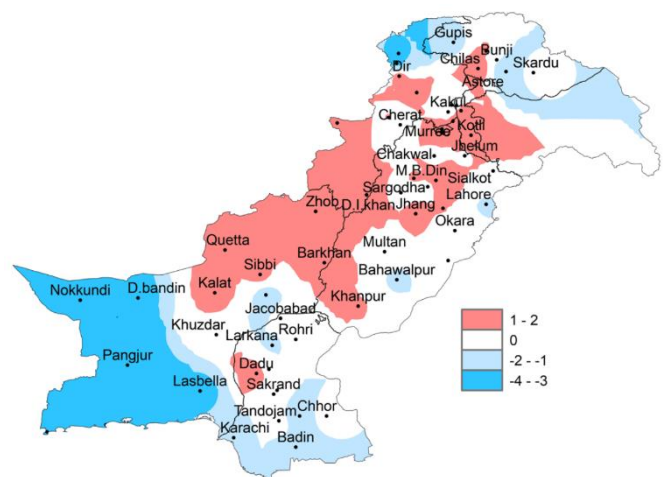


Figure 4: Departure of Mean temperature.

Actual Minimum temperature (°C) during the Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)

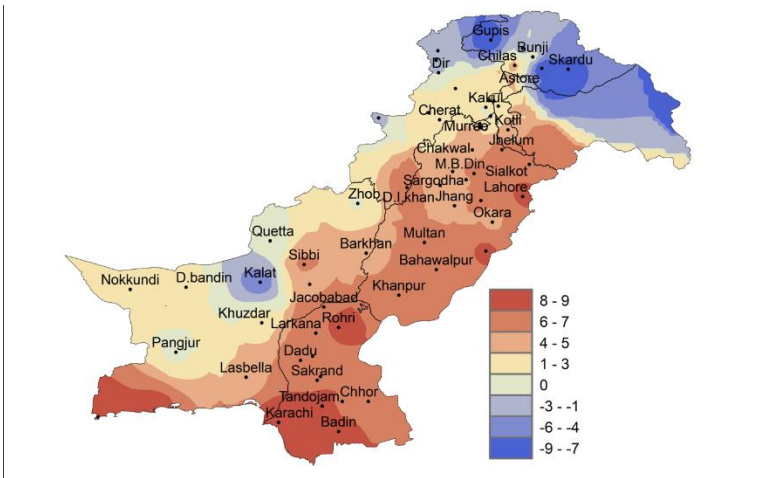


Figure 6: Actual Minimum temperature.

Departure of Minimum temperature (°C) during the Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)

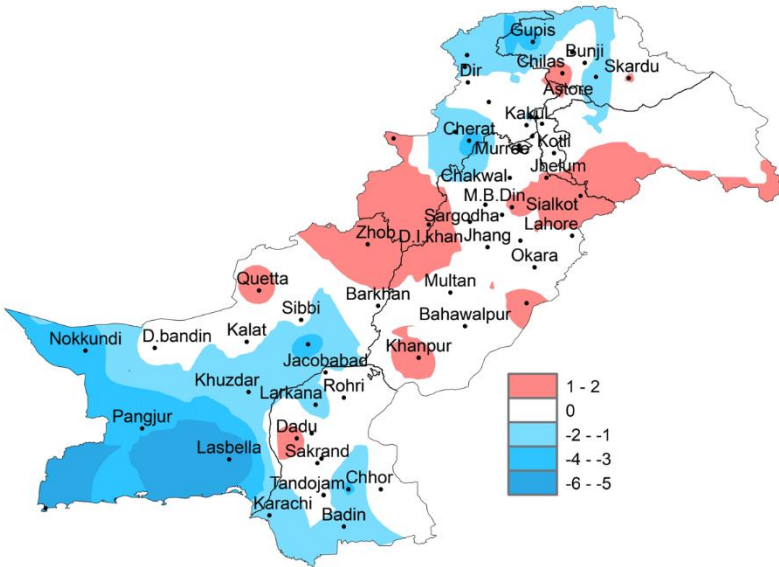


Figure 7: Departure of Minimum temperature.

**Mean Relative Humidity (%) during the  
Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)**

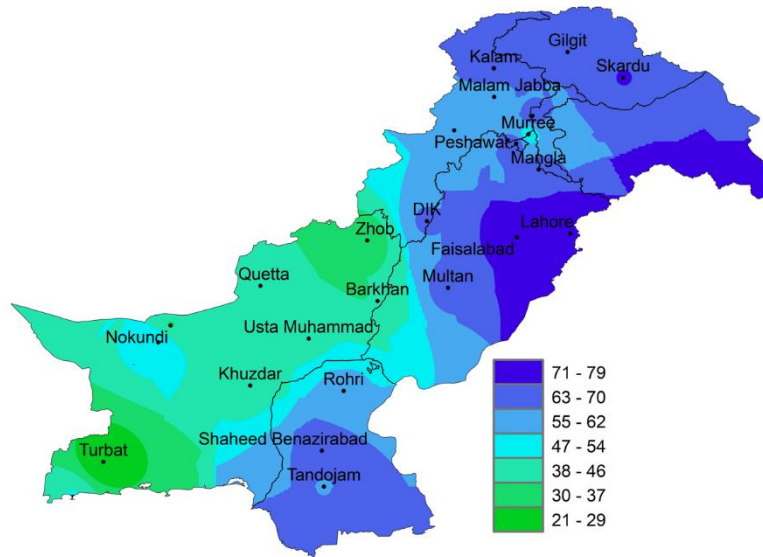


Figure 8: Relative Humidity

**Total Growing Degree Days accumulated during the  
Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)**

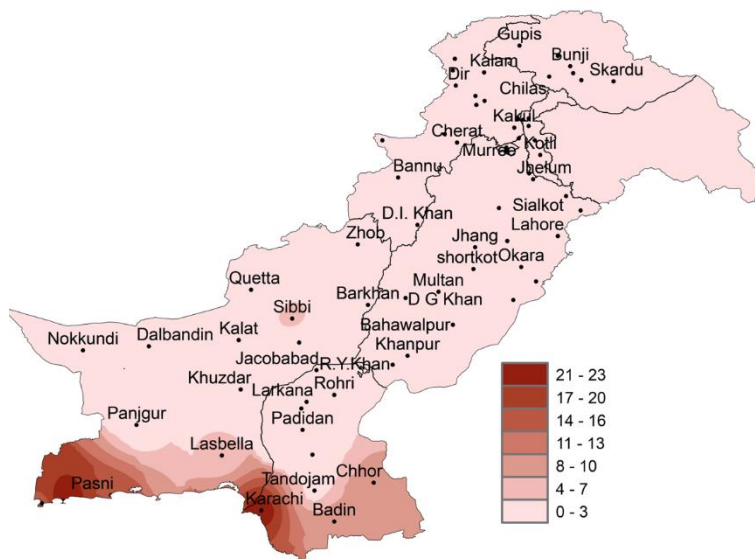


Figure 9: Growing Degree Days

Mean Cloudiness (Octas) at 0800PST during the  
Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)

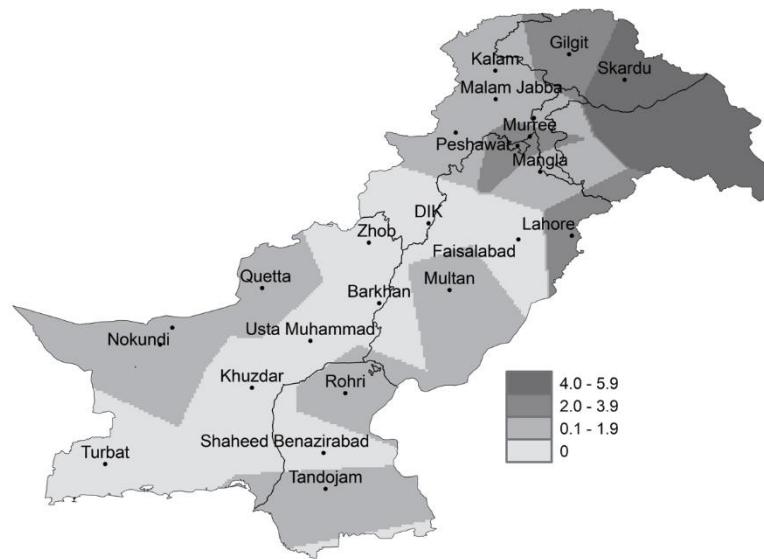


Figure 10: Mean Cloudiness at 0800

Mean Cloudiness (Octas) at 1700PST during the  
Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)

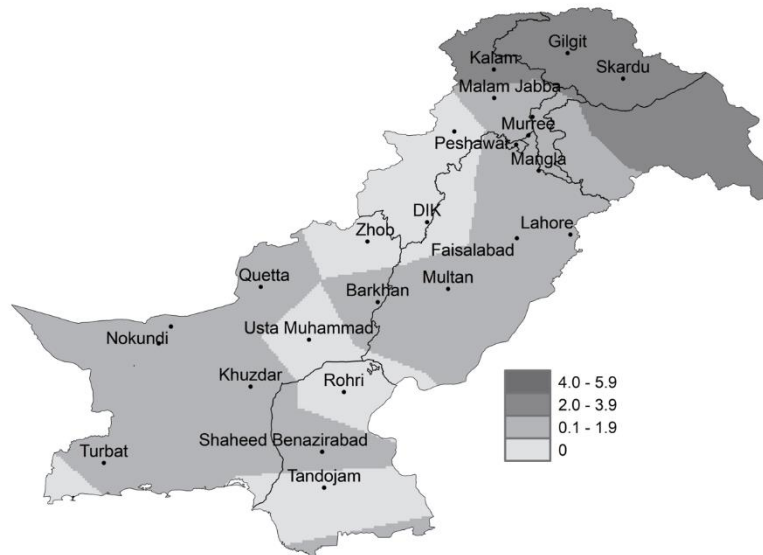


Figure 11: Mean Cloudiness at 1700



**Mean Wind Speed (Knots) at 0800PST during the  
Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)**

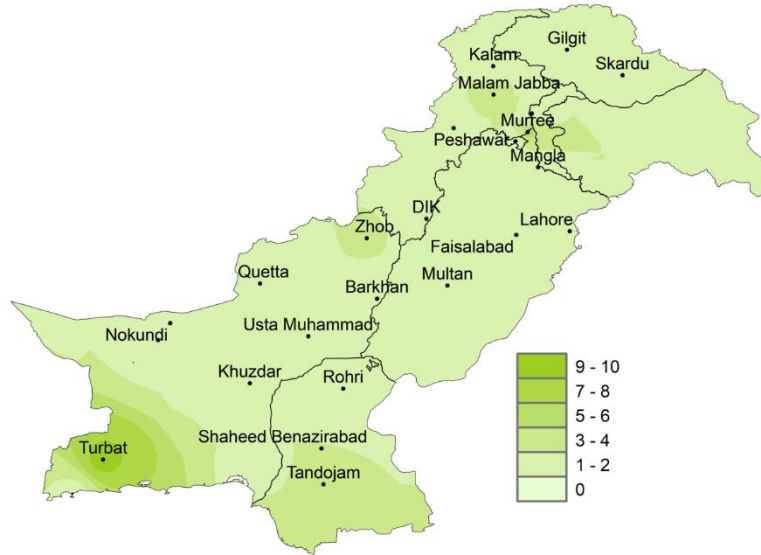


Figure 12: Mean Wind Speed 0300

**Mean Wind Speed (Knots) at 1700PST during the  
Previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)**

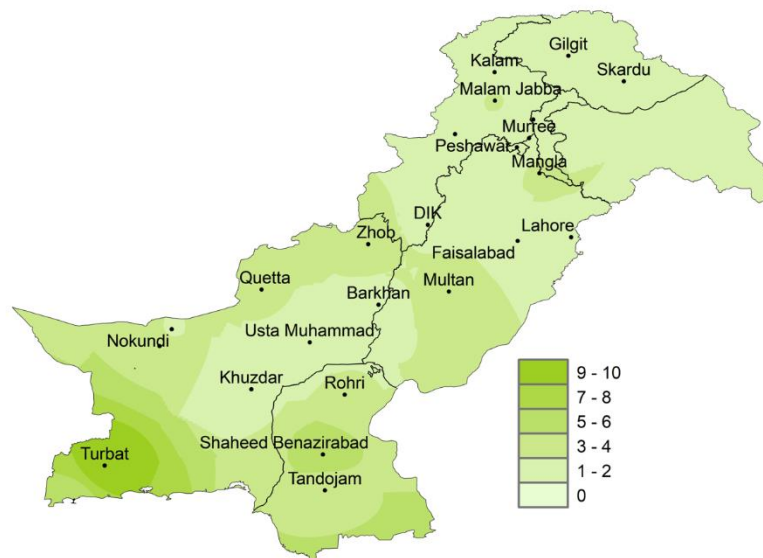
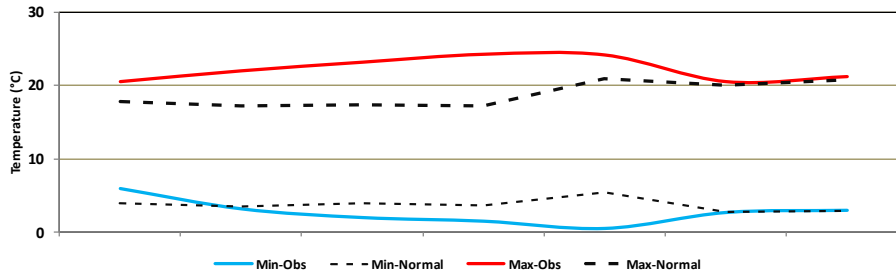


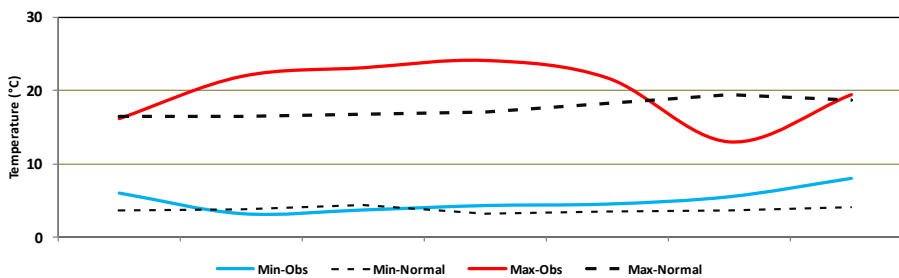
Figure 13: Mean Wind Speed 1700

Comparison of temperatures for RAMCs (Minimum & Maximum with normal) during the previous week (06<sup>th</sup> - 12<sup>th</sup> January 2025)

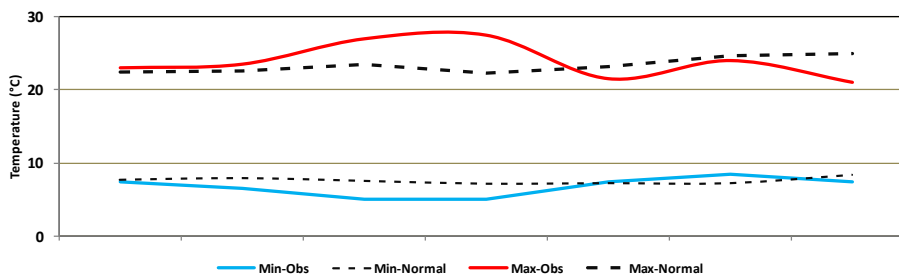
Rawalpindi (Min & Max Temperatures)



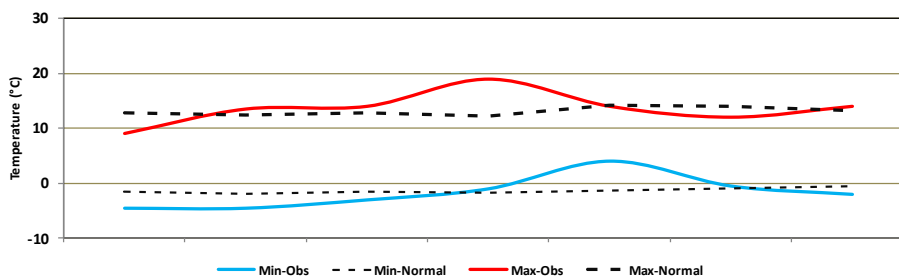
Faisalabad (Min & Max Temperatures)



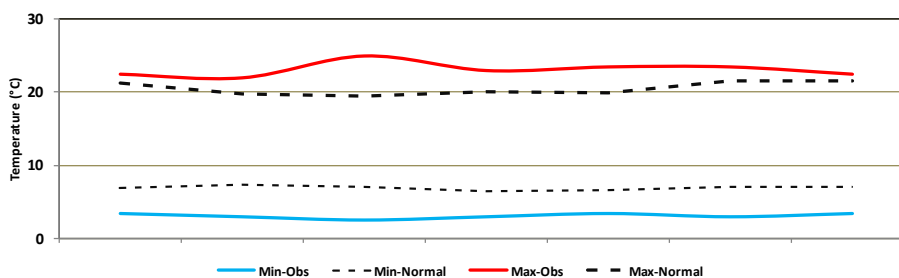
Tandojam (Min & Max Temperatures)



Quetta (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers****(13<sup>th</sup> – 19<sup>th</sup> January 2025)**

Continental air is prevailing over most parts of the country. A Shallow westerly wave may affect western and upper parts of the country from 15th Jan 2025.

**MONDAY****13-01-2024**

Mainly cold and dry weather is expected in most parts of the country, while very cold in hilly areas during night hours. Moderate to dense fog (in patches) is likely in upper Sindh and most parts of Punjab during night hours.

**TUESDAY****14-01-2024**

Mainly cold and dry weather is expected in most parts of the country, while very cold in hilly areas during morning/night hours. Moderate to dense fog (in patches) is likely in upper Sindh and most parts of Punjab during morning/night hours. Frost is likely at few places in upper parts during morning hours.

**WEDNESDAY****15-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in upper parts and north Balochistan. Rainfall/snow is likely at isolated places in Gilgit Baltistan, upper Khyber Pakhtunkhwa and North Balochistan.

**THURSDAY****16-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in upper parts and north Balochistan. Moderate to dense fog is predicted over plain areas of Punjab, upper Sindh and lower Khyber Pakhtunkhwa. Rainfall/snow is likely at isolated places in Gilgit Baltistan, Kashmir, northeast Punjab, upper Khyber Pakhtunkhwa, Murree, Galliyat and surrounding.

**FRIDAY****17-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in upper parts and north Balochistan. Moderate to dense fog is predicted over plain areas of Punjab, upper Sindh and Khyber Pakhtunkhwa. Rainfall/snow is likely at isolated places in Gilgit Baltistan, Kashmir and upper Khyber Pakhtunkhwa.

**SATURDAY****18-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in upper parts and north Balochistan. Rainfall/snow is likely at isolated places in Gilgit Baltistan, upper Khyber Pakhtunkhwa, northwestern Balochistan, Kashmir and adjoining hilly areas. Shallow to moderate fog may occur in plain areas of Punjab.

**SUNDAY****19-01-2025**

Cold and dry weather is expected in most parts of the country, while very cold in upper parts and north Balochistan. Rainfall/snow is likely at isolated places in Gilgit Baltistan, upper Khyber Pakhtunkhwa, northwestern Balochistan, Kashmir and adjoining hilly areas. Shallow to moderate fog may occur in plain areas of Punjab.

**ADVISORY FOR FARMERS**

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

**National Weather Data of Selected Cities from (06th - 12th 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	6.1	5.5	0.0	64	0.00	0.0	0.0	1.1	1.1
Faisalabad	5.0	3.2	-17.5	76	0.01	0.0	1.7	0.5	1.1
Gawadar	9.9	9.0	23.3	46	0.00	0.0	0.0	0.9	4.3
Gilgit	-3.5	-6.0	0.0	64	0.00	2.7	2.6	0.3	0.3
Kalam	-7.2	-8.7	0.0	71	2.40	1.1	3.0	0.3	0.0
Khuzdar	1.4	-1.5	0.0	41	0.00	0.0	0.9	0.0	0.6
Lahore	5.4	4.8	0.0	79	0.01	2.6	1.6	0.3	1.4
Malam Jabba	0.5	-2.5	0.0	56	6.00	1.1	1.9	3.7	2.3
Mangla	4.6	1.9	0.0	65	0.00	1.0	0.1	0.9	2.6
Multan (PBO)	5.5	4.1	0.0	65	0.00	1.7	0.7	1.4	3.1
Murree	-0.2	-1.0	0.0	47	1.80	3.3	2.0	5.4	1.7
Muzaffarabad	2.5	1.2	0.0	67	6.80	2.0	2.0	0.0	0.0
Sh. Ben. Abad	5.8	4.5	0.0	65	0.00	0.0	0.4	2.0	5.4
Peshawar	2.4	1.7	0.0	55	0.00	0.7	0.0	0.3	1.0
Quetta	-1.6	-4.5	7.0	39	0.00	0.8	1.8	0.6	2.8
Rawalpindi	2.7	18.0	-17.6	67	0.00	2.4	1.3	0.0	0.2
Rohri	7.7	6.0	2.3	58	0.00	0.4	0.0	1.4	2.6
Skardu	-6.8	-9.8	0.0	71	0.00	4.6	3.0	0.0	0.0
Tandojam	6.8	5.0	2.5	62	0.00	0.6	0.0	2.3	2.6
U.Muhammad	3.1	2.5	57.0	43	0.00	0.0	0.0	0.3	0.3
Zhob	0.0	-2.0	0.0	32	0.00	0.0	0.0	2.3	3.4

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