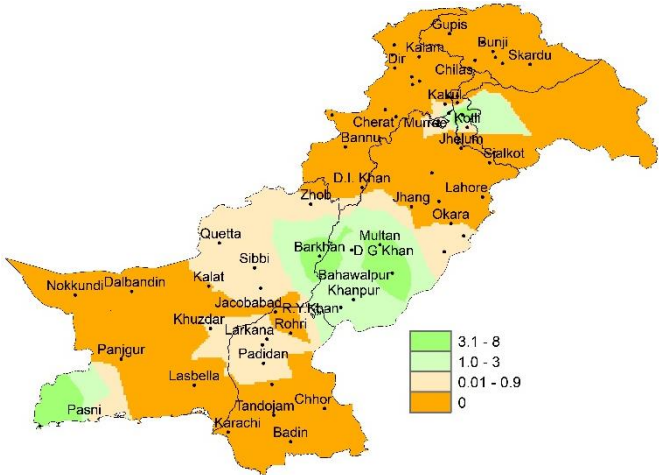


# Weekly Weather and Crop Bulletin for Pakistan

NATIONAL AGROMET CENTRE  
PAKISTAN METEOROLOGICAL  
DEPARTMENT SECTOR H-8/2,  
ISLAMABAD

Phone: +92-51-9250299  
Email: [dirnamc@yahoo.com](mailto:dirnamc@yahoo.com)

Rainfall Distribution (mm) during the Previous Week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



## Highlights of Past Weather (05<sup>th</sup> – 11<sup>th</sup> February 2024)

- Dry weather reported from most parts of the country during the past week. While Light rain was reported from some central parts of the country particularly from south Punjab and northern Baluchistan and Sindh Provinces.
- Daily maximum temperatures were observed above normal in most parts of country particularly in KP and below normal in Sindh province.
- Daily minimum temperatures were observed below normal in GB/Kashmir, KP, northern Punjab and eastern belt of Baluchistan, whereas above normal in south Punjab, Sindh and Baluchistan.
- Above normal mean daily temperatures were observed in most parts of the country whereas below normal in GB/Kashmir and northeastern parts of KP and Punjab, and Baluchistan.

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**Patron-in-Chief:** Mahr Sahibzad Khan (Director General)  
**Editor-in-Chief:** Asma Jawad Hashmi (Director)  
**Editor:** Dr. Tariq Mahmood (Meteorologist)

## **Past Weather of Provinces** **(05<sup>th</sup> – 11<sup>th</sup> February 2024)**

### **Punjab**

Light rainfall reported from south Punjab region. Weekly maximum and minimum temperatures recorded as 22.1°C & 6.1°C respectively. For the recent week on average 64.0 growing degree days were accumulated. Average relative humidity recorded as 65.2% and wind speed in the morning/evening recorded as 0.9/2.5 Knots. Highest rainfall was reported as 3.6 mm from Bahawalpur; However, lowest minimum temperature was recorded as -3.2°C at Murree.

### **Baluchistan**

Light rainfall was reported from northern parts of the province and Gwadar station. Weekly maximum and minimum temperatures recorded as 21.7°C & 6.7°C respectively. For the recent week on average 64.3 growing degree days were accumulated. Average relative humidity recorded 48% and wind speed in the morning/evening recorded as 1.3/5.5 Knots. Highest rainfall was reported as 7.6 mm from Gwadar. However, lowest minimum temperature was recorded as -4.5°C at Kalat.

### **Khyber Pakhtunkhwa**

Dry weather was reported from Khyber Pakhtunkhwa. Weekly maximum and minimum temperatures recorded as 17.4°C & 1.4°C respectively. For the recent week on average 33.5 growing degree days were accumulated. Average relative humidity recorded as 64% and wind speed in the morning/evening recorded as 0.9/6.3 Knots. Lowest minimum temperature recorded as -14.0 °C at Kalam.

### **Sindh**

Light rainfall was reported from the province. Weekly maximum and minimum temperatures recorded as 25.8°C & 11.2°C respectively. For the recent week, on average 94.7 growing degree days were accumulated. Average relative humidity recorded as 62% and wind speed in the morning/evening recorded as 2.2/3.5 Knots.

Highest rainfall was reported as 1.0 mm in Thatta during the last week. During the previous week the lowest minimum temperature recorded as 5.0°C at Mithi.

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

Light rainfall reported from the scattered places of Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 13.2°C & -2.4°C respectively. For the recent week on average 14.3 growing degree days were accumulated. Average relative humidity recorded as 59%. and wind speed recorded in the morning/evening as 0.4/0.9. Highest rainfall was reported as 6.3 mm from Rawalakot. However, lowest minimum temperature recorded as -9.5°C at Astore.

## **Past Weather for Major Agricultural Plains** **(05<sup>th</sup> – 11<sup>th</sup> February 2024)**

### **Rawalpindi (Potohar region)**

Dry weather reported from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 0.6/0.0 Oktas, average relative humidity observed as 58%. Mean minimum time temperature was recorded as 1.9°C and for the recent week 49.5 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.0/2.3 Knots. The lowest minimum temperature was recorded as 1.5°C.

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

Dry weather reported from Faisalabad during the week; however, cloudiness in the morning/evening recorded 1.0/0.4 Oktas while, average relative humidity observed as 62%. Mean minimum time temperature recorded 6.0°C & for the recent week 65.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.9/1.2 Knots. The lowest minimum temperature was recorded as 4.7°C.

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

Dry weather reported during the week; however, cloudiness in the morning/evening recorded 1.7/1.7 Oktas while, average relative humidity observed as 65%. Mean minimum time temperature recorded as 10.6°C & for the recent week 90.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.6/1.4 Knots. The lowest minimum temperature was recorded as 8.5°C.

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

Dry weather reported during the week; however, clear sky has been observed in the morning/evening. Average relative humidity observed as 55%. Mean minimum time temperature recorded as 7.6°C & for the recent week 88.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.2/0.5 Knots. The lowest minimum temperature was recorded as 6.5°C.

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

Dry weather reported from Quetta during the week; however, cloudiness in the morning/evening recorded as 0.4/1.4 Oktas while, average relative humidity observed as 43%. Mean minimum time temperature recorded as -0.6°C & for the recent week 12.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.5/2.1

Knots. The lowest minimum temperature was recorded as -3.0°C.

## **Past Weather for Sub-Regional Agricultural Plains (05<sup>th</sup> – 11<sup>th</sup> February 2024)**

### **Multan**

Rainfall reported as 3.3 mm during the week; however, cloudiness in the morning/evening recorded as 0.7/0.3 Oktas. Average relative humidity observed as 65%. Mean minimum time temperature recorded as 7.8°C & for the recent week 71.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/4.0 Knots.

### **Lahore**

Dry weather reported from Lahore during the week; cloudiness in the morning/evening recorded as 0.4/0.0 Oktas, average relative humidity observed as 63%. Mean minimum time temperature recorded as 7.1°C & for the recent week 63.4 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/2.3 Knots.

### **Zhob**

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 0.3/0.0 Oktas. Average relative humidity observed as 35%. Mean minimum time temperature recorded as -1.4°C & for the recent week 14.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.7/5.0 Knots.

### **Murree**

Rainfall reported as 2.5mm from Murree during the week; however, cloudiness in the morning/evening recorded as 0.0/2.1 Oktas while, average relative humidity observed as 68%. Mean minimum time temperature recorded as -2.5°C. Wind speed recorded in the morning/evening as 2.3/1.1 Knots.

### **D.I. Khan**

Dry weather reported from D.I. Khan during the week; clear sky has been observed in the morning/evening. Average relative humidity observed as 68%. Mean minimum time temperature recorded as 7.7°C & for the recent week 75.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.9/0.9 Knots.

**Peshawar**

Dry weather reported from Peshawar during the week; however, cloudiness in the morning/evening recorded as 0.9/0.0 Oktas while, average relative humidity observed as 60%. Mean minimum time temperature was recorded as 3.4°C & for the recent week 58.6 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/1.6 Knots.

**Kalam**

Dry weather reported from Kalam during the week; however, cloudiness in the morning/evening recorded as 0.0/1.6 Oktas while, average relative humidity observed as 58%. Mean minimum time temperature recorded as -10.8°C. Wind speed recorded in the morning/evening as calm.

**Gilgit**

Dry weather reported from Gilgit during the week, cloudiness in the morning/evening recorded as 2.0/1.9 Oktas while, average relative humidity observed as 53%. Mean minimum time temperature recorded as -4.3°C & for the recent week 1.6 growing degree days accumulated. 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 2.4/0.7 Oktas while, average relative humidity observed as 58%. Mean minimum time temperature recorded as -7.5°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. Date of sowing 21-11-2023. Phonological Stage: Shooting Completed. Condition: *Very good*.

**Lower Sindh (Tandojam)**

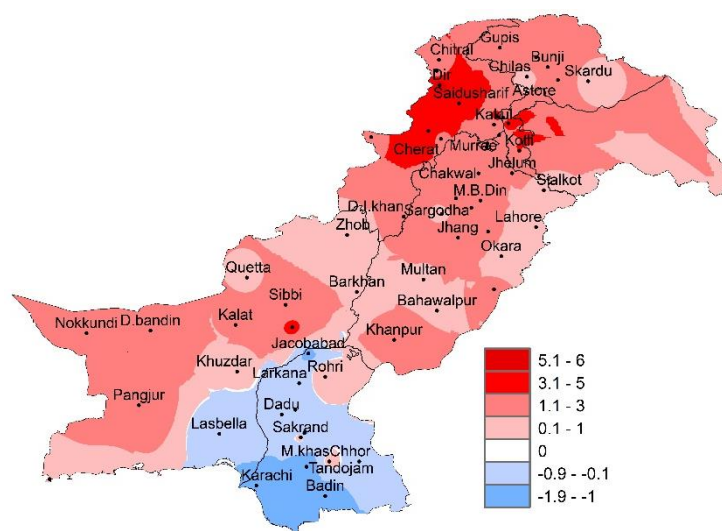
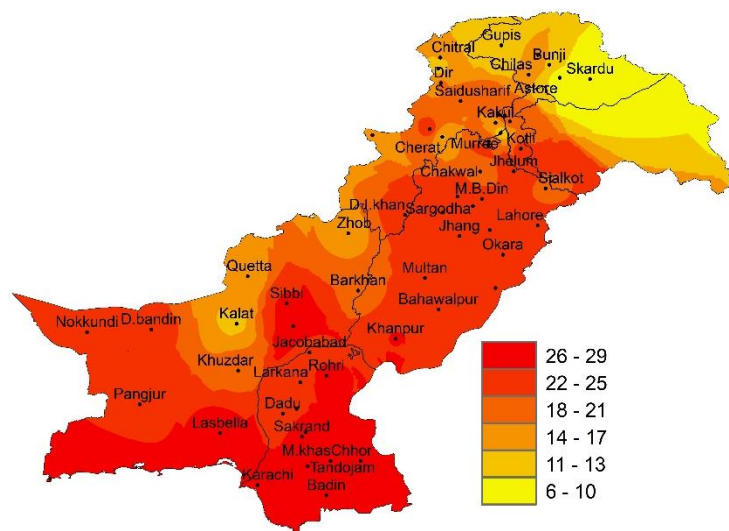
Wheat crop is sown in the fields. Date of sowing 26-11-2023. Variety:TJ83. Phonological Stage: Heading. Condition: *Very good*

**Northern Baluchistan (Quetta)**

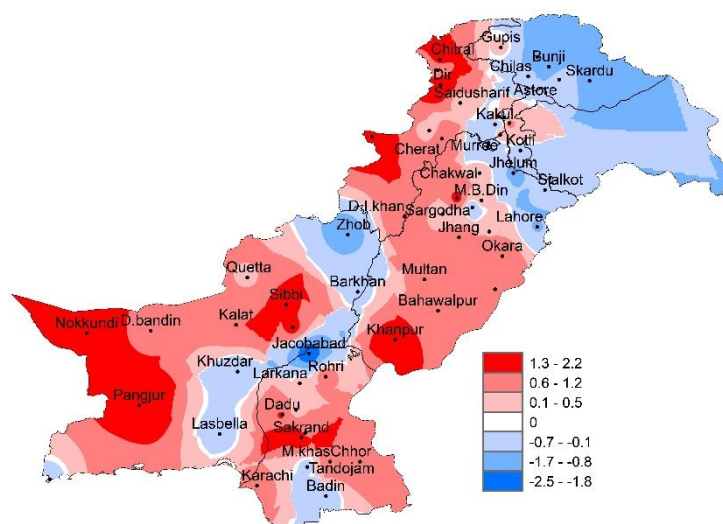
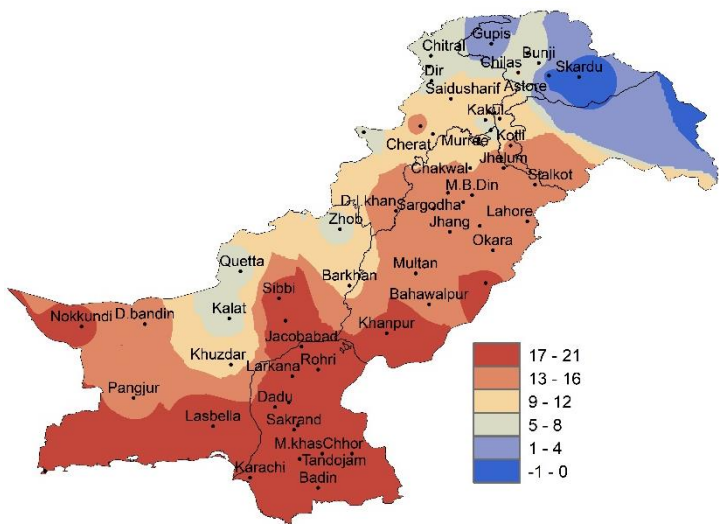
Wheat crop is sown in the fields of RAMC Quetta. Date of sowing 22-11-2023. Phonological Stage: Tillering. Condition: *Good*

**Eastern Baluchistan (Usta Muhammad)** Wheat crops are grown in the fields. Phonological Stage: Tillering. Condition: *Good*.

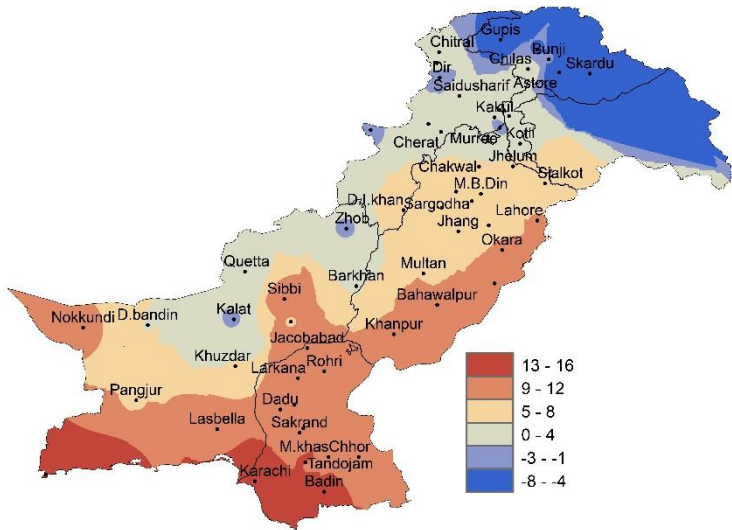
**Actual & Departure of Maximum temperature (°C) for the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)**



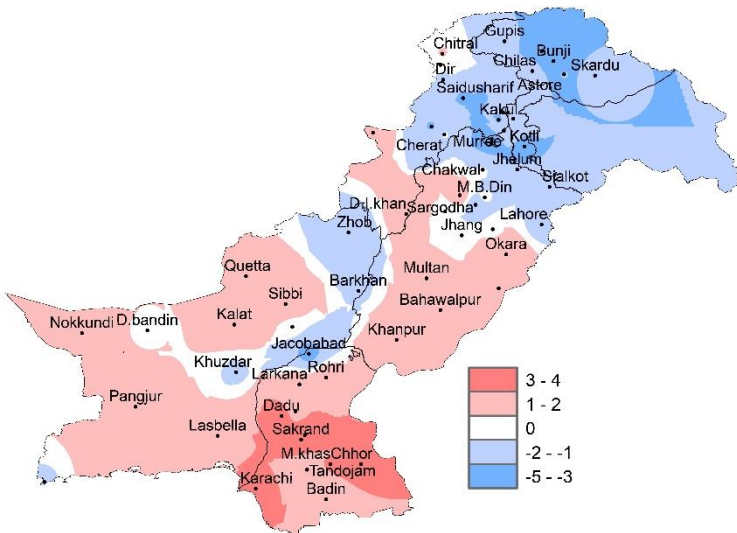
**Actual & Departure of Mean temperature (°C) for the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)**



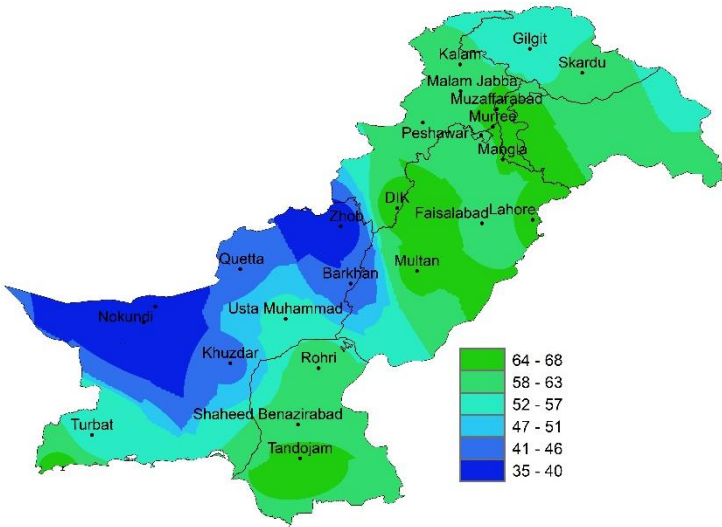
Actual of Minimum temperature (°C) for the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



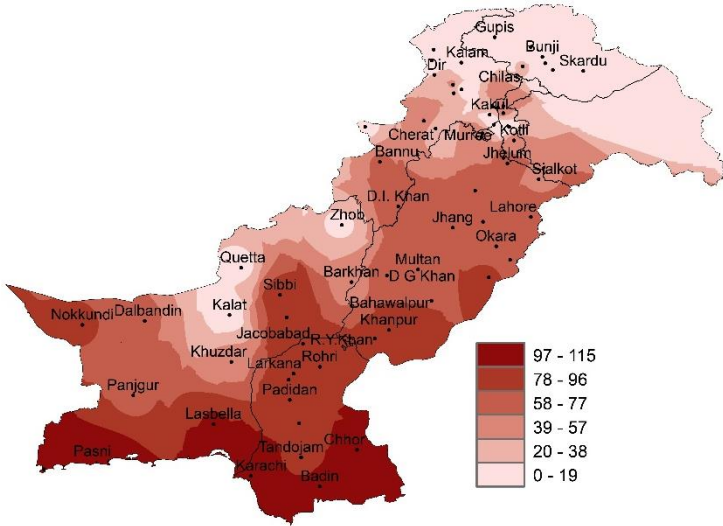
Departure of Minimum temperature (°C) for the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



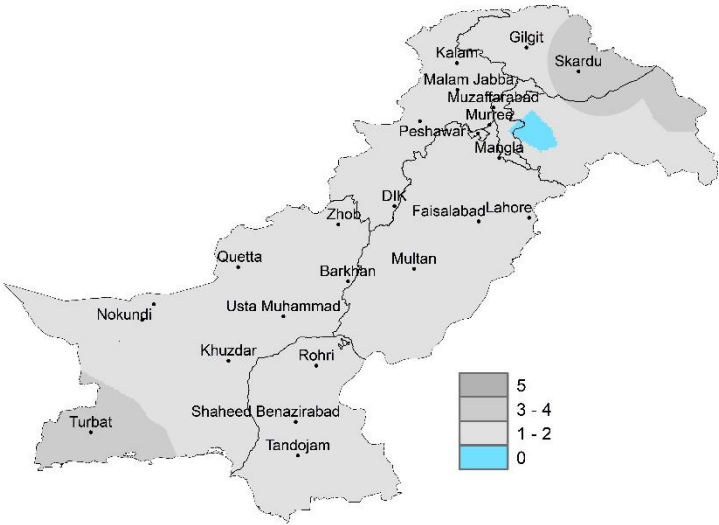
Mean Relative Humidity (%) during the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



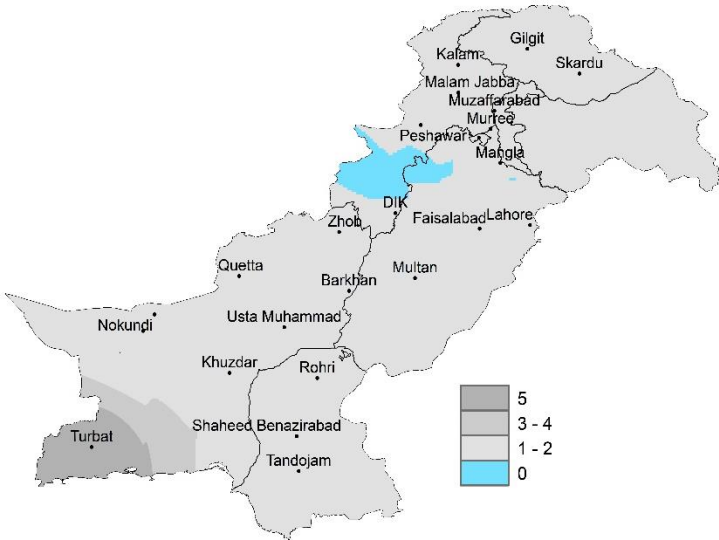
Total Growing Degree Days accumulated during the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



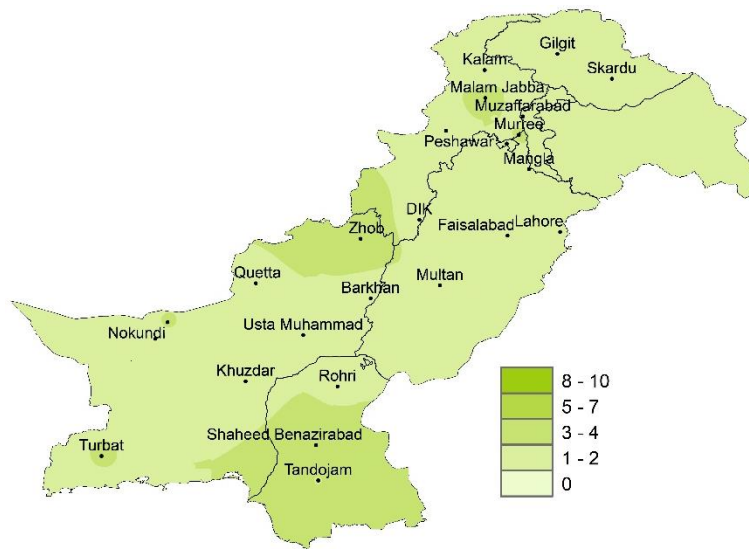
Mean Cloudiness (Octas) at 0800PST during the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



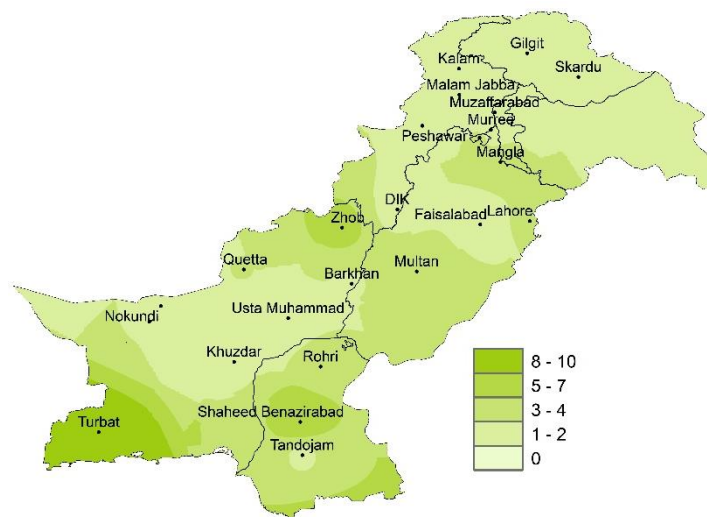
Mean Cloudiness (Octas) at 1700PST during the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



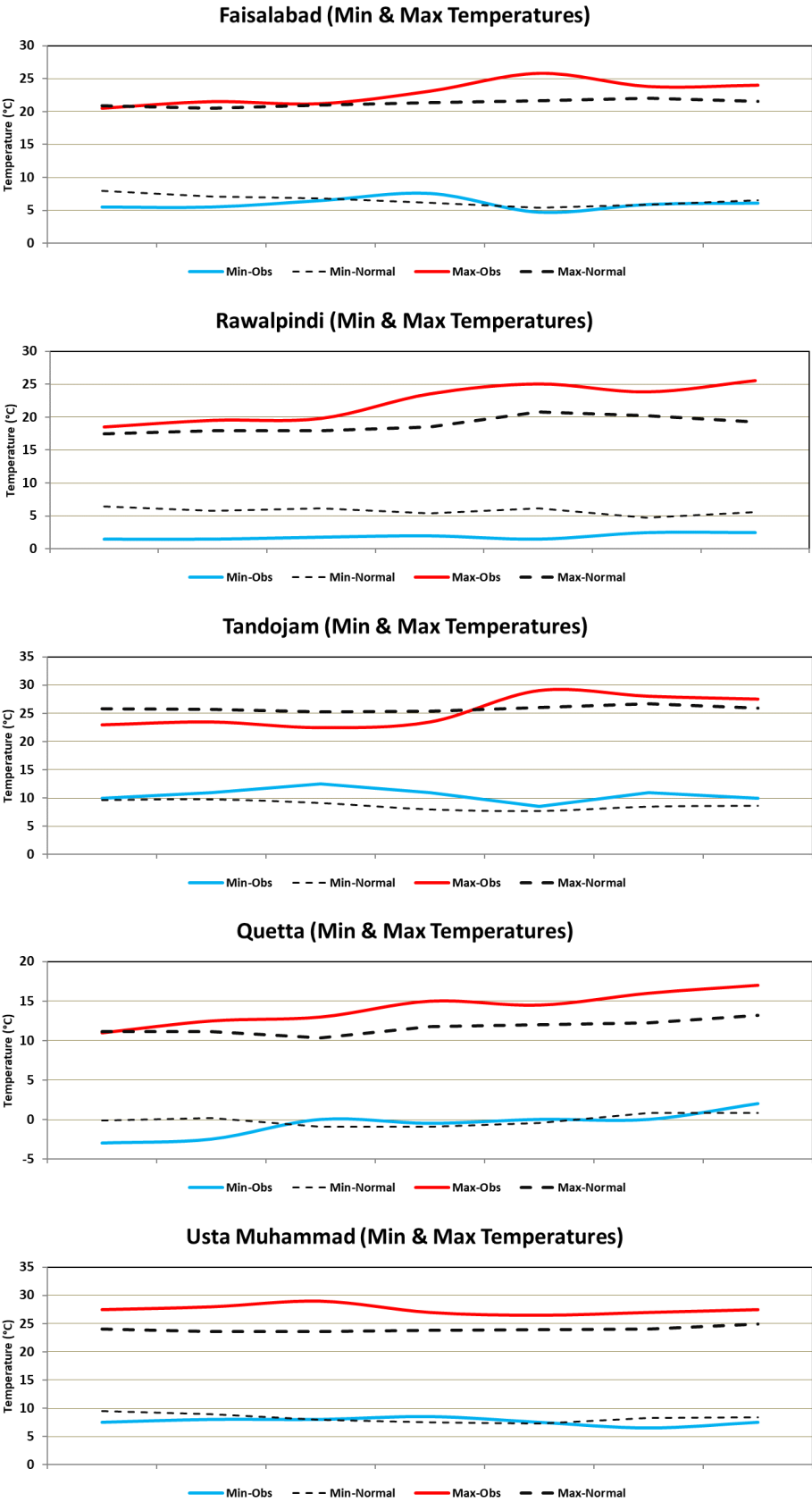
**Mean Wind Speed (Knots) at 0800PST during the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)**



**Mean Wind Speed (Knots) at 1700PST during the  
Previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)**



Comparison of temperatures for RAMCs (Minimum & Maximum with normal)  
during the previous week (05<sup>th</sup> – 11<sup>th</sup> February 2024)



**Weekly Weather Advisory for Farmers****(12<sup>th</sup> – 18<sup>th</sup> February 2024)**

Continental air is prevailing over most parts of the country. A shallow westerly wave is also present over upper parts of the country.

**MONDAY****12-02-2024**

Mainly cold and dry weather is expected in most parts of the country, while very cold and partly cloudy in upper parts. However, cloudy weather in Baluchistan with chances of rain-wind/thunderstorm in southwestern parts. Light rain-wind/thunderstorm is also expected at isolated places in Kashmir and adjoining hilly areas during evening/night.

**TUESDAY****13-02-2024**

Mainly cold and dry weather is expected in most parts of the country, while very cold and cloudy in upper parts. However, partly cloudy weather in southern districts of Baluchistan with chances of rain-wind/thunderstorm is likely in coastal areas of Makran. Light rain-wind/thunderstorm is also expected at isolated places in Kashmir and adjoining hilly areas. Shallow fog may likely to occur at few places in plain areas of northeast Punjab during morning hours.

**WEDNESDAY****14-02-2024**

Mainly cold and dry weather is expected in most parts of the country.

**THURSDAY****15-02-2024**

Mainly cold and dry weather is expected in most parts of the country.

**FRIDAY****16-02-2024**

Mainly cold and dry weather is expected in most parts of the country. while, partly cloudy in Gilgit-Baltistan and upper Khyber Pakhtunkhwa.

**SATURDAY****17-02-2024**

Mainly cold and dry weather is expected in most parts of the country. However, rain-wind/thunderstorm (snowfall over mountain) is expected in upper Khyber Pakhtunkhwa, Gilgit-Baltistan and Kashmir.

**SUNDAY****18-02-2024**

Rain-wind/thunderstorm (snowfall over mountain) is expected in Khyber Pakhtunkhwa, Gilgit-Baltistan, Kashmir, north Baluchistan, Murree and Galliyat. Cold and dry weather is expected in other parts of the country.

**ADVISORY FOR FARMERS**

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

**National Weather Data of Selected Cities from (05th – 11th February 2024)**

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	7.7	7.0	75.0	68.2	0.0	0.0	0.0	0.9	0.9
Faisalabad	6.0	4.7	65.9	61.5	0.0	1.0	0.4	0.9	1.2
Gawadar	12.9	11.5	103.8	64.4	7.6	2.4	4.1	0.3	10.3
Gilgit	-4.3	-5.5	1.6	53.2	0.0	2.0	1.9	0.3	0.3
Kalam	-10.8	-14.0	0.0	57.8	0.0	0.0	1.6	0.0	0.0
Khuzdar	4.1	3.5	46.0	44.2	0.0	0.6	1.7	0.0	1.1
Lahore	7.1	6.2	63.4	63.0	0.0	0.4	0.0	0.3	2.3
Malam Jabba	-3.6	-5.0	0.0	57.3	0.0	0.3	0.7	2.9	1.7
Mangla	4.3	3.8	58.0	62.6	0.0	0.0	0.0	1.1	2.6
Multan (PBO)	7.8	7.4	71.9	65.0	3.3	0.7	0.3	0.0	4.0
Murree	-2.5	-3.2	0.0	67.7	2.5	0.0	2.1	2.3	1.1
Muzaffarabad	2.6	2.1	40.9	63.3	0.0	0.0	1.1	0.0	0.6
Sh. Ben. Abad	10.8	8.0	93.5	60.4	0.0	2.0	1.6	4.0	6.0
Peshawar	3.4	3.0	58.6	59.5	0.0	0.9	0.0	0.0	1.6
Quetta	-0.6	-3.0	12.5	43.0	0.0	0.4	1.4	1.5	2.1
Rawalpindi	1.9	1.5	49.5	58.3	0.0	0.6	0.0	0.0	2.3
Rohri	11.0	10.5	92.6	61.5	0.0	0.0	0.7	1.1	3.1
Skardu	-7.5	-8.7	0.0	57.8	0.0	2.4	0.7	0.0	0.0
Tandojam	10.6	8.5	90.5	64.5	0.0	1.7	1.7	1.6	1.4
U.Muhammad	7.6	6.5	88.0	55.0	0.0	0.0	0.0	0.2	0.5
Zhob	-1.4	-3.0	14.3	34.8	0.0	0.3	0.0	3.7	5.0

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