

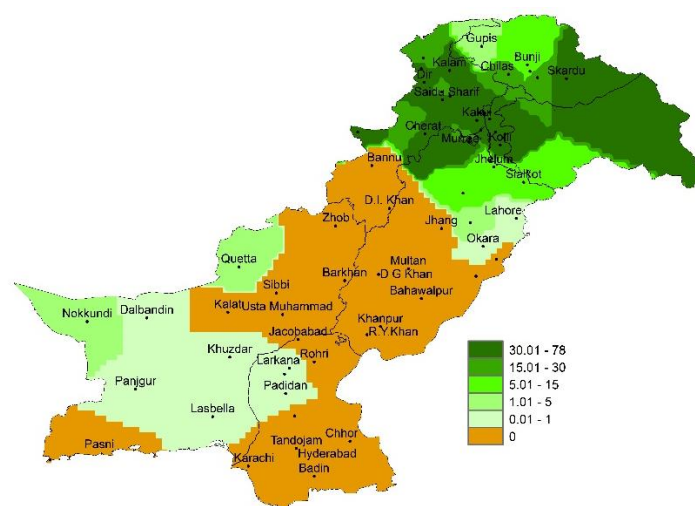
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the Previous  
Week (19<sup>th</sup> – 25<sup>th</sup> February 2024)**



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## Highlights of Past Weather (19th – 25th February 2024)

- Light to moderate rain reported from the upper parts of the country whereas light rain reported from Baluchistan province.
- Above normal daily maximum temperatures were observed in lower KP, south Punjab, Sindh, and eastern belt of Baluchistan whereas below normal temperatures in the rest parts of the country.
- Daily minimum temperatures were observed above normal in lower KP, south Punjab, Sindh, and northeastern Baluchistan.
- Below normal mean daily temperatures were observed in lower KP, south Punjab Sindh and eastern belt of Baluchistan whereas normal to above normal in upper KP, GB, Kashmir and western Baluchistan.

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

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

**Editor: Dr. Tariq Mahmood (Meteorologist)**

## **Past Weather of Provinces** **(19<sup>th</sup> – 25<sup>th</sup> February 2024)**

### **Punjab**

Light to moderate rain reported from the northern Punjab Province. Weekly maximum and minimum temperatures recorded as 22.8°C & 8.5°C respectively. For the recent week on average 75.1 growing degree days were accumulated. Average relative humidity recorded as 62% and wind speed in the morning/evening recorded as 1.3/3.4 Knots. Highest rainfall was reported as 39.1 mm from Murree. However, lowest minimum temperature was recorded as -1.5°C at Murree.

### **Baluchistan**

Light rainfall was reported from the province. Weekly maximum and minimum temperatures recorded as 22.1°C & 8.1°C respectively. For the recent week on average 71.1 growing degree days were accumulated. Average relative humidity recorded 47% and wind speed in the morning/evening recorded as 2.4/6.8 Knots. Highest rainfall was reported as 4.0 mm from Samungli. However, lowest minimum temperature was recorded as -3.5°C at Quetta.

### **Khyber Pakhtunkhwa**

Moderate to heavy rainfall was reported from Khyber Pakhtunkhwa. Weekly maximum and minimum temperatures recorded as 14.4°C & 2.3°C respectively. For the recent week on average 28.6 growing degree days were accumulated. Average relative humidity recorded as 70.9 % and wind speed in the morning/evening recorded as 1.0/1.9 Knots. Highest rainfall was reported as 78.0 mm from Cherat. However, lowest minimum temperature recorded as -12.5 °C at Kalam.

### **Sindh**

Light rain was reported from the scattered places of the province. Weekly maximum and minimum temperatures recorded as 28.9°C & 12.8°C respectively. For the recent week, on average 111.0 growing degree days were accumulated. Average relative humidity recorded as 51% and wind speed

in the morning/evening recorded as 2.2/4.5 Knots. Highest rainfall was reported as 2.0 mm in Dadu during the last week. During the previous week the lowest minimum temperature recorded as 4.0°C at Moin – jo – Daro.

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

Moderate to heavy rain reported from Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 11.0°C & -0.1°C respectively. For the recent week on average 14.3 growing degree days were accumulated. Average relative humidity recorded as 63%. and wind speed recorded in the morning/evening as 1.1/2.0. Highest rainfall was reported as 73.4 mm from Rawalakot. However, lowest minimum temperature recorded as -9.0°C at Astore.

**Past Weather for Major Agricultural Plains****(19<sup>th</sup> – 25<sup>th</sup> February 2024)****Rawalpindi (Potohar region)**

Rainfall reported as 33.4 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 2.7/3.6 Oktas, average relative humidity observed as 66%. Mean minimum time temperature was recorded as 4.6°C and for the recent week 53.3 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.3/1.1 Knots. The lowest minimum temperature was recorded as 2.6°C.

**Faisalabad (Central Punjab)**

Rainfall reported as 4.1 mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded 0.8/3.3 Oktas while, average relative humidity observed as 66%. Mean minimum time temperature recorded 10.0°C & for the recent week 81.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.2/2.9 Knots. The lowest minimum temperature was recorded as 2.6°C.

**Tandojam (Lower Sindh)**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded 0.4/0.7 Oktas while, average relative humidity observed as 57%. Mean minimum time temperature recorded as 10.6°C & for the recent week 103.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/3.4 Knots. The lowest minimum temperature was recorded as 7.0°C.

**Usta Muhammad (Eastern Baluchistan)**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 1.8/0.5. Average relative humidity observed as 53%. Mean minimum time temperature recorded as 10.1°C & for the recent week 10.1 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.5/1.1 Knots. The lowest minimum temperature was recorded as 9.5°C.

**Quetta (Northern Baluchistan)**

Dry weather reported from Quetta during the week; however, cloudiness in the morning/evening recorded as 2.7/3.0 Oktas while, average relative humidity observed as 36%. Mean minimum time temperature recorded as 1.4°C & for the recent week 9.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.8/3.9

Knots. The lowest minimum temperature was recorded as 0.0°C.

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**Past Weather for Sub-Regional Agricultural Plains (19<sup>th</sup> – 25<sup>th</sup> February 2024)****Multan**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 0.4/1.1 Oktas. Average relative humidity observed as 59%. Mean minimum time temperature recorded as 10.3°C & for the recent week 86.1 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/5.4 Knots.

**Lahore**

Dry weather reported from Lahore during the week; cloudiness in the morning/evening recorded as 1.7/3.0 Oktas, average relative humidity observed as 59%. Mean minimum time temperature recorded as 10.8°C & for the recent week 82 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/2.3 Knots.

**Zhob**

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 1.1/1.3 Oktas. Average relative humidity observed as 33%. Mean minimum time temperature recorded as 0.9°C & for the recent week 23.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 4.4/5.9 Knots.

**Murree**

Rainfall reported as 39.1 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 2.7/5.0 Oktas while, average relative humidity observed as 69%. Mean minimum time temperature recorded as -1.1°C. Wind speed recorded in the morning/evening as 3.0/2.6 Knots.

**D.I. Khan**

Dry weather reported from D.I. Khan during the week; cloudiness in the morning/evening recorded as 1.3/0.0. Average relative humidity observed as 61%. Mean minimum time temperature recorded as 10.5°C & for the recent week 84.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/1.0 Knots.

**Peshawar**

Rainfall reported as 19.0 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 2.7/3.7 Oktas while, average relative humidity observed as 71%. Mean minimum time temperature was recorded as 6.2°C & for the recent week 58.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/3.7 Knots.

**Kalam**

Rainfall reported as 35.8 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 2.7/4.7 Oktas while, average relative humidity observed as 64%. Mean minimum time temperature recorded as -9.8°C.

**Gilgit**

Rainfall reported as 6.6 mm from Gilgit during the week, cloudiness in the morning/evening recorded as 6.0/5.7 Oktas while, average relative humidity observed as 54%. Mean minimum time temperature recorded as -0.6°C & for the recent week 6.1 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/2.6 Knots.

**Skardu**

Rainfall reported as 32.2 mm from Skardu during the week; however, cloudiness in the morning/evening recorded as 4.3/5.9 Oktas while, average relative humidity observed as 64%. Mean minimum time temperature recorded as -4.4°C.

**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)**

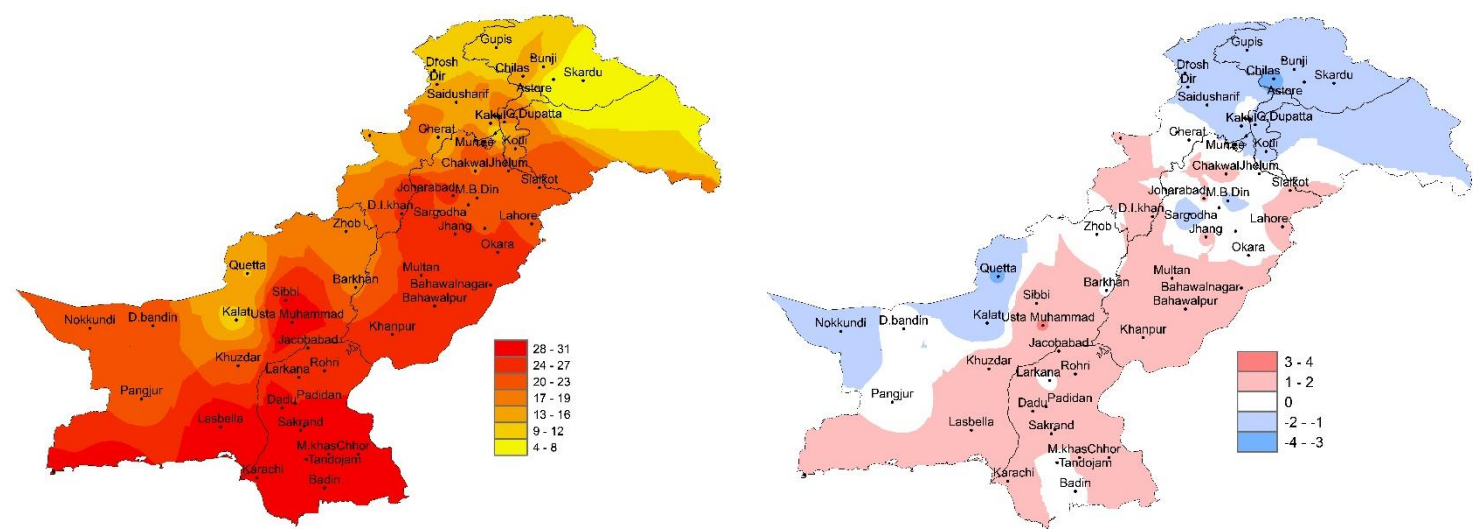
Wheat crop is sown in the fields. Date of sowing 26-11-2023. Variety:TJ83. Phonological Stage: Flowering. Condition: Good after irrigation.

**Northern Baluchistan (Quetta)**

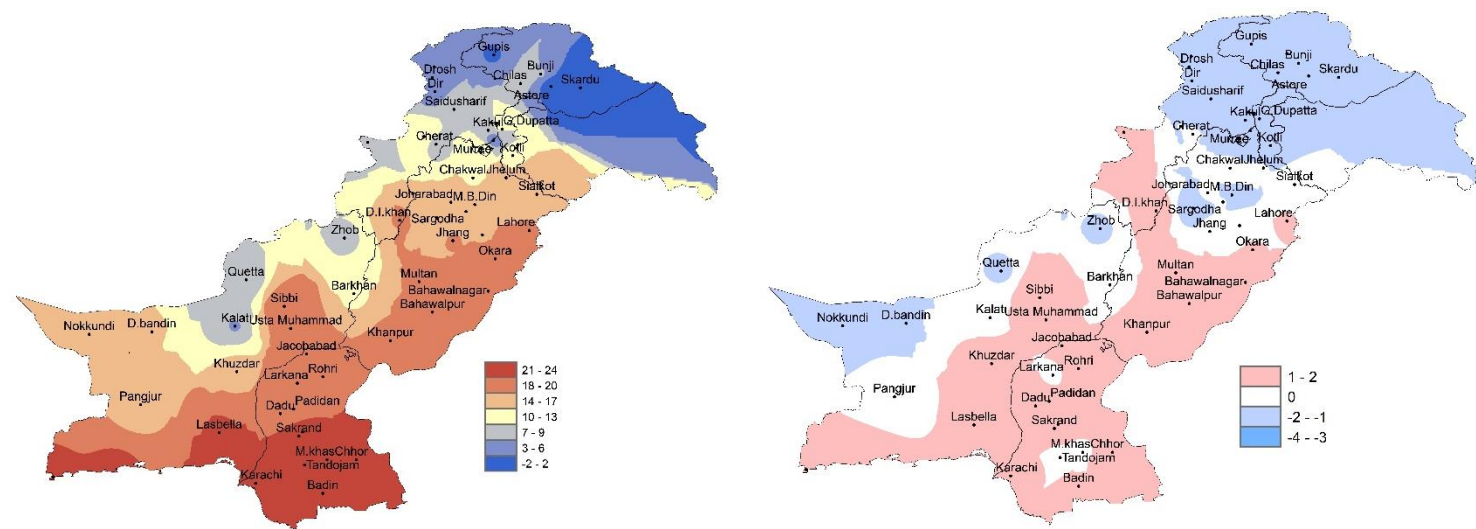
Wheat crop is sown in the fields of RAMC Quetta. Date of sowing 22-11-2023. Phonological Stage: Tillering. Condition: *Good*

**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 (19<sup>th</sup> – 25<sup>th</sup> February 2024)

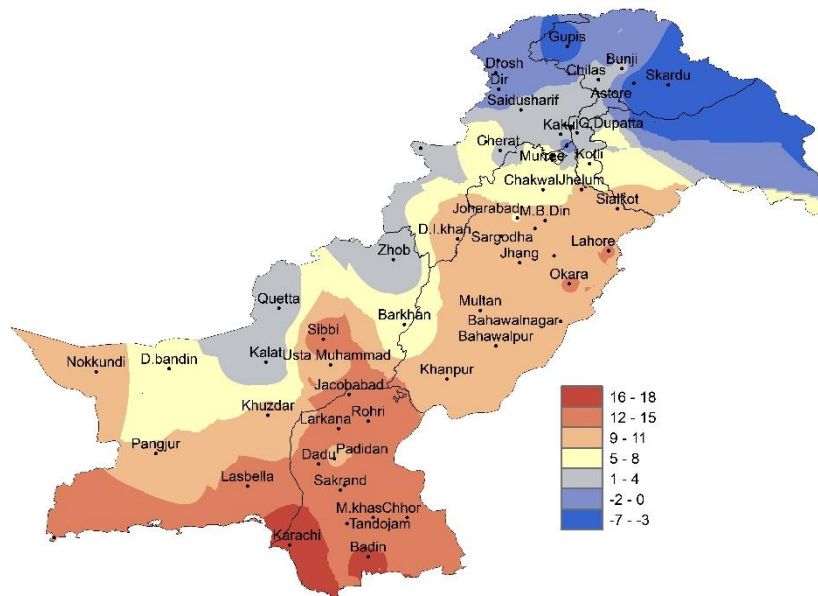


Actual & Departure of Mean temperature (°C) for the Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



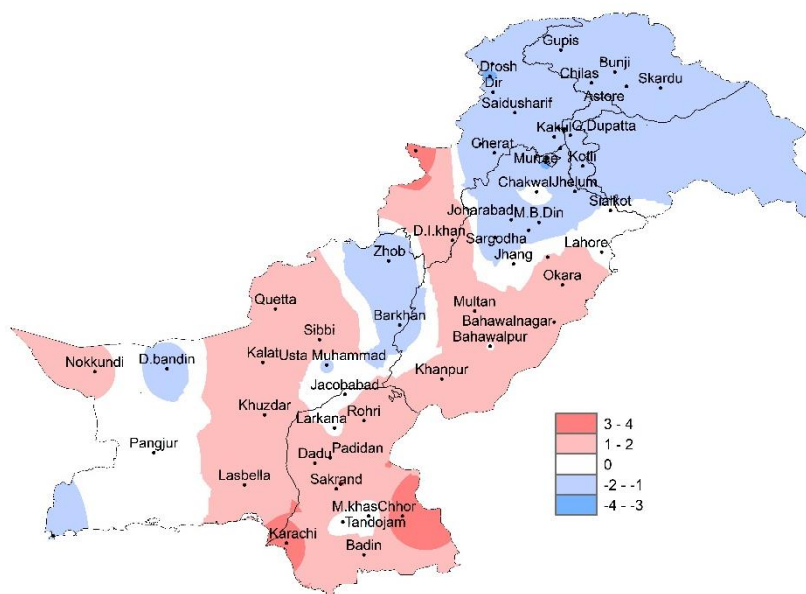
**Actual Minimum temperature (°C) during the**

**Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)**

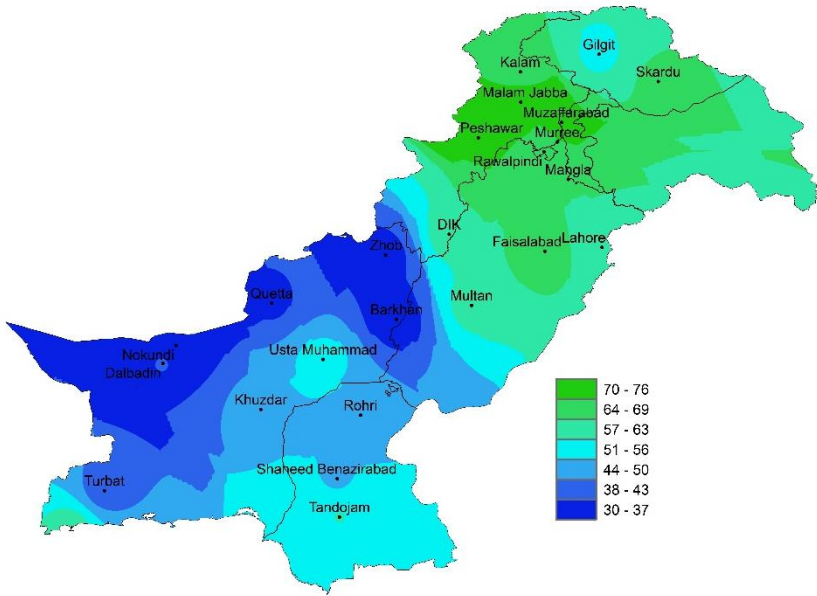


### Departure of Minimum temperature (°C) during the

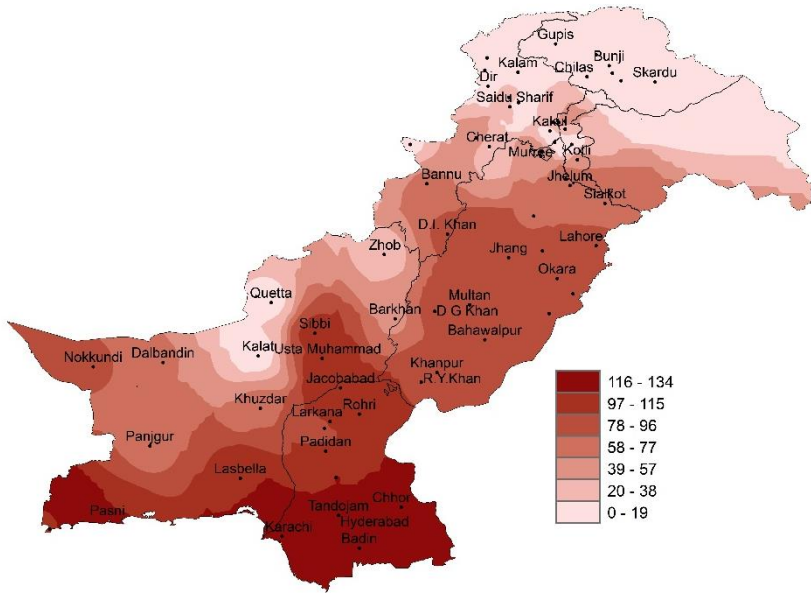
**Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)**



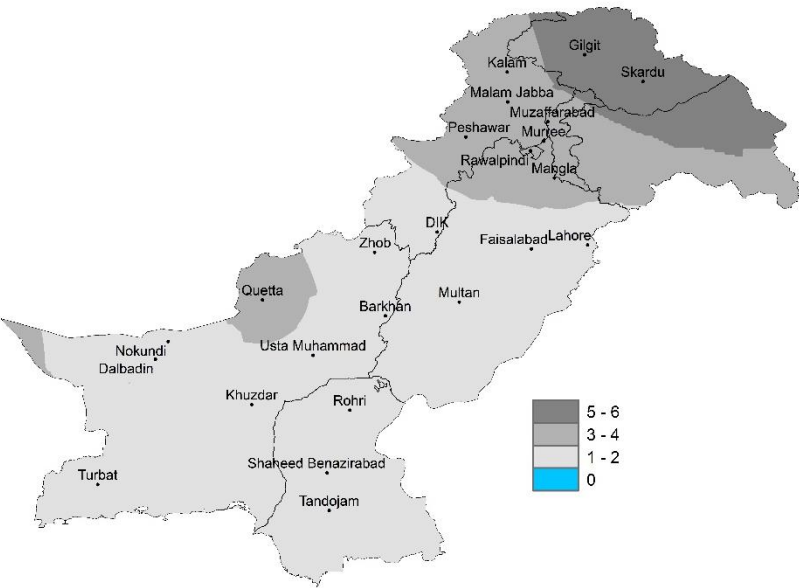
Mean Relative Humidity (%) during the  
Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



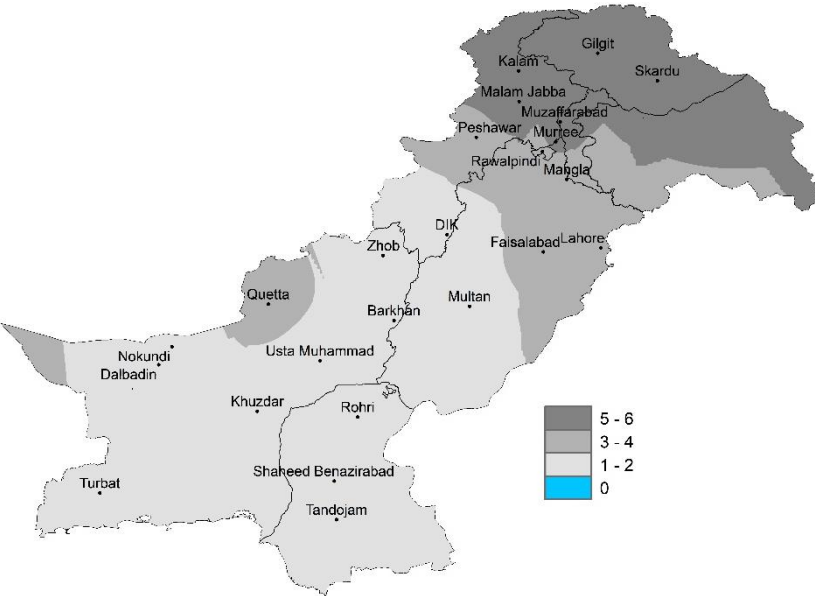
Total Growing Degree Days accumulated during the  
Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



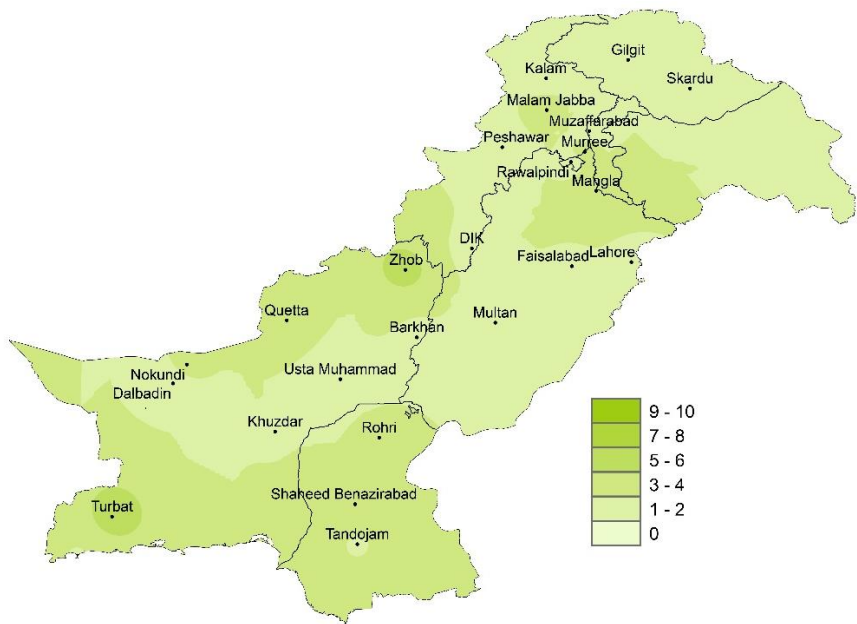
Mean Cloudiness (Octas) at 0800PST during the  
Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



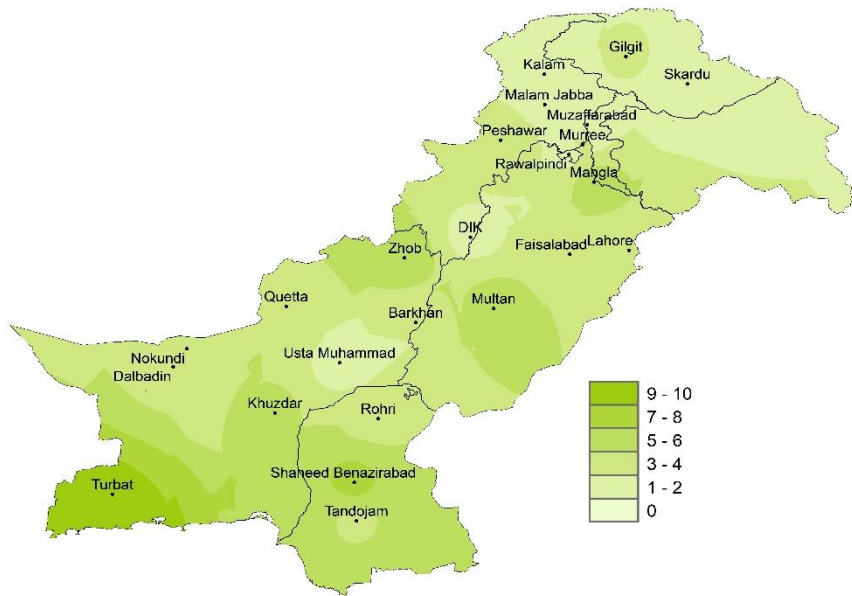
Mean Cloudiness (Octas) at 1700PST during the  
Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



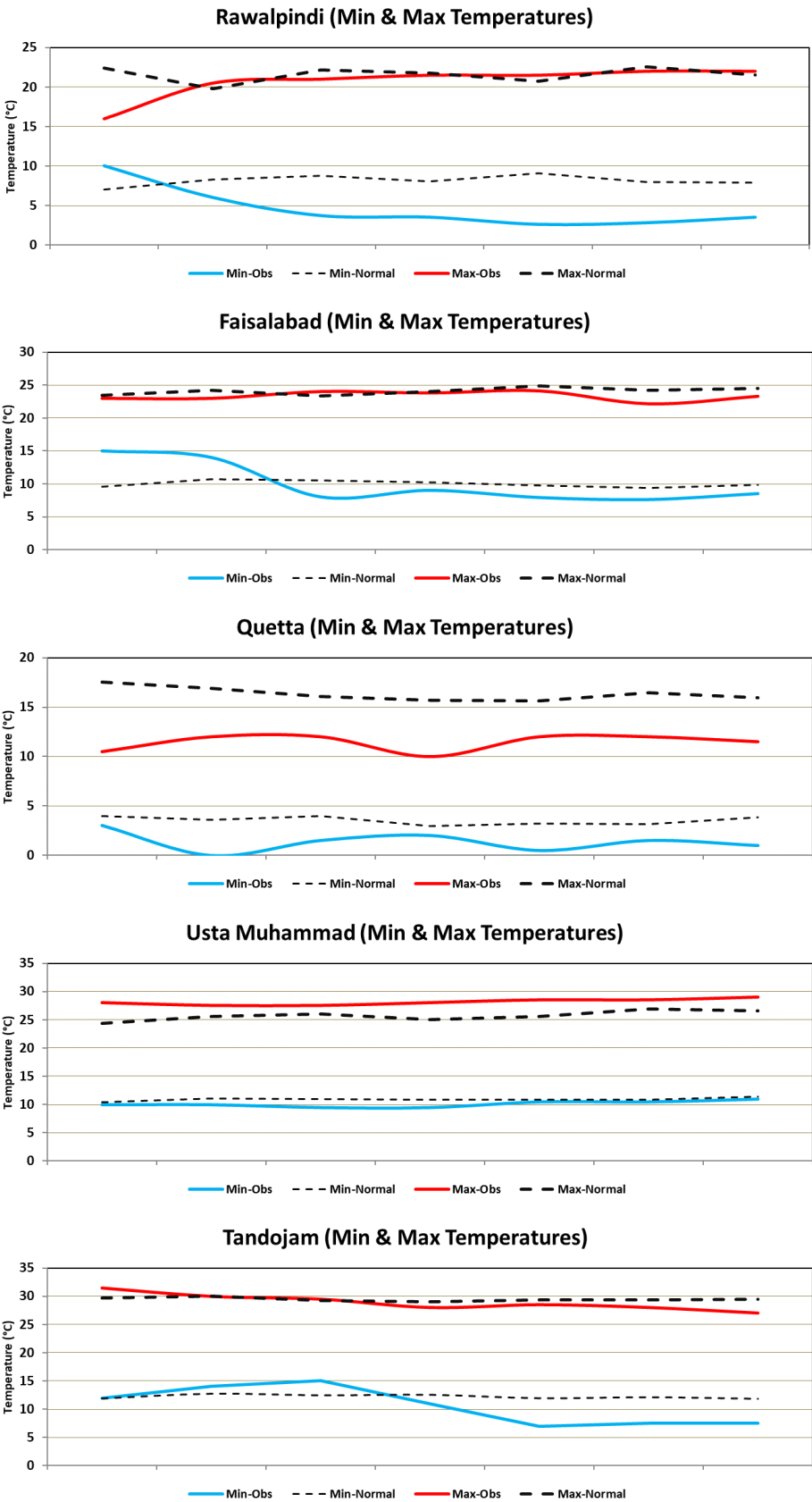
Mean Wind Speed (Knots) at 0800PST during the  
Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



Mean Wind Speed (Knots) at 1700PST during the  
Previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



Comparison of temperatures for RAMCs (Minimum & Maximum with normal)  
during the previous week (19<sup>th</sup> – 25<sup>th</sup> February 2024)



**Weekly Weather Advisory for Farmers****(26<sup>th</sup> February – 03<sup>rd</sup> March 2024)**

A westerly wave is affecting upper and central parts and will prevail till 27th February. Another westerly wave is likely to enter north Balochistan on 29th February and likely to grip upper/central parts on 01st March and may persist till 03rd March.

**MONDAY****26-02-2024**

Rain-wind/thunderstorm (snowfall over hills) with gusty winds/windstorm is expected in Balochistan, Khyber-Pakhtunkhwa, Gilgit-Baltistan, south Punjab, Potohar region, Kashmir and adjoining hilly areas. Isolated heavy falls also expected in northern & southwestern Balochistan during the forecast period.

**TUESDAY****27-02-2024**

Rain-wind/thunderstorm (snowfall over hills) with gusty winds/windstorm is expected in north and southwest Balochistan, Khyber-Pakhtunkhwa, Gilgit-Baltistan, Kashmir and adjoining hilly areas. Cold and partly cloudy weather is expected in other parts of the country.

**WEDNESDAY****28-02-2024**

Mainly cold and dry weather is expected in most parts of the country, while very cold in northern parts. However, rain-wind/thunderstorm is expected at isolated places in southwestern parts of Balochistan, Gilgit-Baltistan, Chitral, Dir Swat, while partly cloudy in upper Khyber-Pakhtunkhwa and Kashmir.

**THURSDAY****29-02-2024**

Rain-wind/thunderstorm (snowfall over hills) is expected in Balochistan, south Punjab, Khyber-Pakhtunkhwa, Potohar region, Gilgit-Baltistan and Kashmir. Cold and dry weather is expected elsewhere in the country, while very cold in northern parts.

**FRIDAY****01-03-2024**

Rain-wind/thunderstorm (snowfall over hills) is expected in Khyber-Pakhtunkhwa, Balochistan, Punjab, Sindh, Gilgit-Baltistan and Kashmir. Isolated heavy falls/ hailstorm is expected in Balochistan, Khyber Pakhtunkhwa, Punjab, and Kashmir during the period.

**SATURDAY****02-03-2024**

Rain-wind/thunderstorm (snowfall over hills) is expected in Khyber-Pakhtunkhwa, Punjab, Gilgit-Baltistan, Kashmir, southeastern Sindh and north Balochistan. Isolated heavy falls/hailstorm is expected during the period. Cold and dry weather is expected elsewhere in the country, while very cold in northern parts.

**SUNDAY****03-04-2024**

Rain-wind/thunderstorm (snowfall over hills) is expected in upper Khyber-Pakhtunkhwa, Gilgit-Baltistan, northeast Punjab, Islamabad, and Kashmir. Cold and dry weather is expected elsewhere in the country.

**ADVISORY FOR FARMERS**

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

**National Weather Data of Selected Cities from (12<sup>th</sup> – 18<sup>th</sup> 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	10.5	9.0	84.5	60.6	0.0	1.3	0.0	1.0	1.0
Faisalabad	10.0	7.6	81.7	65.5	4.1	0.8	3.3	1.2	2.9
Gawadar	14.6	12.5	122.0	60.5	0.0	1.0	1.0	1.4	10.0
Gilgit	-0.6	-3.5	6.1	54.4	6.6	6.0	5.7	0.6	2.6
Kalam	-9.8	-12.5	0.0	64.2	35.8	2.7	4.7	0.0	0.0
Khuzdar	8.4	6.5	70.3	47.8	1.0	0.9	1.1	1.4	4.6
Lahore	10.8	8.7	82.0	58.8	0.0	1.7	3.0	1.0	2.3
Malam Jabba	-4.5	-6.0	0.0	75.8	35.0	3.4	5.9	2.9	1.4
Mangla	6.4	3.8	64.7	62.9	12.4	2.7	3.0	3.7	5.4
Multan (PBO)	10.3	8.6	86.1	59.1	0.0	0.4	1.1	0.0	5.4
Murree	-1.1	-1.5	0.0	69.3	39.1	2.7	5.0	3.0	2.6
Muzaffarabad	4.7	3.5	42.3	71.7	72.0	3.2	4.4	0.0	0.0
Sh. Ben. Abad	12.3	9.5	115.1	49.1	0.0	0.7	1.3	3.1	6.9
Peshawar	6.2	4.0	58.5	70.5	19.0	2.7	3.7	0.3	3.7
Quetta	1.4	0.0	9.8	35.5	0.0	2.7	3.0	2.4	3.9
Rawalpindi	4.6	2.6	53.3	65.7	33.4	2.7	3.6	0.3	1.1
Rohri	13.1	11.0	106.5	46.9	0.0	0.3	1.0	2.0	3.1
Skardu	-4.4	-7.0	0.0	64.2	32.2	4.3	5.9	0.0	0.0
Tandojam	10.6	7.0	103.3	56.5	0.0	0.4	0.7	1.4	3.4
U.Muhammad	10.1	9.5	99.0	53.0	0.0	1.8	0.5	0.5	1.1
Zhob	0.9	-1.5	23.8	33.2	0.0	1.1	1.3	4.4	5.9

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