

# Weekly Weather and Crop Bulletin for Pakistan

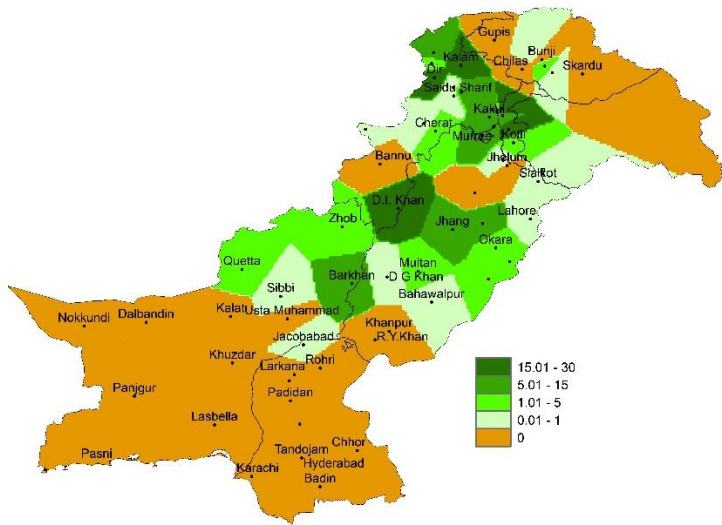
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Rainfall Distribution (mm) during the Previous Week (18<sup>th</sup> – 24<sup>th</sup> March 2024)

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## Highlights of Past Weather (18<sup>th</sup> – 24<sup>th</sup> March 2024)

- Light rain was reported from central parts of the country including KP, southern Kashmir, Punjab, and northern Baluchistan during the past week. While dry weather was reported from some isolated places of GB, southern parts of Sindh, Baluchistan, and Punjab.
- Daily maximum temperatures were observed above normal throughout the country.
- Daily minimum temperatures were observed above normal in most parts of the country.
- Above normal mean daily temperatures were observed throughout the country.

## **Past Weather of Provinces** **(18<sup>th</sup> – 24<sup>th</sup> March 2024)**

### **Punjab**

Light rainfall was reported from Punjab Province. Weekly maximum and minimum temperatures recorded as 30.9°C & 15.6°C respectively. For the recent week on average 127.7 growing degree days were accumulated. Average relative humidity recorded as 52% and wind speed in the morning/evening recorded as 2.3/3.5 Knots. Highest rainfall was reported as 18.01 mm from Bhakkar. However, lowest minimum temperature was recorded as 3.0°C at Murree.

### **Baluchistan**

Light rainfall was reported from northern parts of the province. Weekly maximum and minimum temperatures recorded as 30.5°C & 14.7°C respectively. For the recent week on average 123.1 growing degree days were accumulated. Average relative humidity recorded 49% and wind speed in the morning/evening recorded as 0.9/5.1 Knots. Highest rainfall was reported as 12.0 mm from Barkhan. However, lowest minimum temperature was recorded as 5.0°C at Kalat.

### **Khyber Pakhtunkhwa**

Light to moderate rainfall was reported from Khyber Pakhtunkhwa. Weekly maximum and minimum temperatures recorded as 24.0°C & 9.2°C respectively. For the recent week on average 79.4 growing degree days were accumulated. Average relative humidity recorded as 58% and wind speed in the morning/evening recorded as 0.6/1.7 Knots. Highest rainfall was reported as 28.0 mm from Pattan. However, lowest minimum temperature recorded as -3.5 °C at Kalam.

### **Sindh**

Light rainfall (trace 0.01mm) was reported only single station from Sindh. Weekly maximum and minimum temperatures recorded as 36.4°C & 18.9°C respectively. For the recent week, on average 158.4 growing degree days were accumulated. Average relative humidity recorded as

46% and wind speed in the morning/evening recorded as 2.5/3.8 Knots. Highest rainfall was reported as 0.01 (trace) mm from Jacobabad. During the previous week the lowest minimum temperature recorded as 13.5°C at Padidan.

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

Light rainfall was reported from Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 21.5°C & 7.2°C respectively. For the recent week on average 65.5 growing degree days were accumulated. Average relative humidity recorded as 48%. and wind speed recorded in the morning/evening as 0.5/1.8. Highest rainfall was reported as 21.0 mm from Rawalakot. However, lowest minimum temperature recorded as -1.5°C at Astore.

**Past Weather for Major Agricultural Plains****(18<sup>th</sup> – 24<sup>th</sup> March 2024)****Rawalpindi (Potohar region)**

Rainfall reported as 5.2mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 3.4/3.3 Oktas, average relative humidity observed as 53.4%. Mean minimum time temperature was recorded as 11.1°C and for the recent week 108 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.3/0.9 Knots. The lowest minimum temperature was recorded as 8.5°C.

**Faisalabad (Central Punjab)**

Rainfall reported as 10.0 mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded 1.9/2.4 Oktas while, average relative humidity observed as 58%. Mean minimum time temperature recorded 14.4°C & for the recent week 126.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/1.7 Knots. The lowest minimum temperature was recorded as 12.0°C.

**Tandojam (Lower Sindh)**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded 2.0/1.0 Oktas while, average relative humidity observed as 49%. Mean minimum time temperature recorded as 16.9°C & for the recent week 154.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.1/3.1 Knots. The lowest minimum temperature was recorded as 15.0°C.

**Usta Muhammad (Eastern Baluchistan)**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 0.7/1.5. Average relative humidity observed as 61%. Mean minimum time temperature recorded as 15.1°C & for the recent week 140.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.5/1.7 Knots. The lowest minimum temperature was recorded as 13.0°C.

**Quetta (Northern Baluchistan)**

Rainfall reported as 2.8 mm from Quetta during the week; however, cloudiness in the morning/evening recorded as 1.2/4.1 Oktas while, average relative humidity observed as 36%. Mean minimum time temperature recorded as 10.1°C & for the recent week 80.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.2/2.6

Knots. The lowest minimum temperature was recorded as 6.5°C.

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**Past Weather for Sub-Regional Agricultural Plains (18<sup>th</sup> – 24<sup>th</sup> March 2024)****Multan**

Rainfall reported as 1.2mm during the week; however, cloudiness in the morning/evening recorded as 2.7/2.1 Oktas. Average relative humidity observed as 53%. Mean minimum time temperature recorded as 17.7°C & for the recent week 140.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.4/5.7 Knots.

**Lahore**

Rainfall reported 0.6 mm from Lahore during the week; cloudiness in the morning/evening recorded as 2.4/2.4 Oktas, average relative humidity observed as 53%. Mean minimum time temperature recorded as 16.5°C & for the recent week 128.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/2.9 Knots.

**Zhob**

Rainfall reported as 3.0 mm from Zhob during the week; however, cloudiness in the morning/evening recorded as 1.4/2.4 Oktas. Average relative humidity observed as 36.4%. Mean minimum time temperature recorded as 11.2°C & for the recent week 96.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.6/5.6 Knots.

**Murree**

Rainfall reported as 11.0 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 2.9/4.4 Oktas while, average relative humidity observed as 48.9%. Mean minimum time temperature recorded as 5.2°C & for the recent week 40.4 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.4/2.0 Knots.

**D.I. Khan**

Rainfall reported as 20.0mm from D.I. Khan during the week; cloudiness in the morning/evening recorded as 1.6/3.9. Average relative humidity observed as 57%. Mean minimum time temperature recorded as 17.6°C & for the recent week 136.0

growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/0.6 Knots.

### **Peshawar**

Rainfall reported as 0.4 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 3.1/4.4 Oktas while, average relative humidity observed as 54%. Mean minimum time temperature was recorded as 13.6°C & for the recent week 116.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/2.3 Knots.

### **Kalam**

Rainfall reported as 19.0 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 2.7/5.3 Oktas while, average relative humidity observed as 41%. Mean minimum time temperature recorded as -2.1°C. Wind speed recorded as calm in the morning/evening.

### **Gilgit**

Dry weather reported from Gilgit during the week, cloudiness in the morning/evening recorded as 3.9/5.6 Oktas while, average relative humidity observed as 41%. Mean minimum time temperature recorded as 7.1°C & for the recent week 74 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/2.6 Knots.

### **Skardu**

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 3.9/3.6 Oktas while, average relative humidity observed as 41%. Mean minimum time temperature recorded as 3.1°C & for the recent week 32.0 growing degree days accumulated. Wind speed recorded as calm in the morning/evening.

## **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: Flowering Completed. Condition: *Very good*.

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

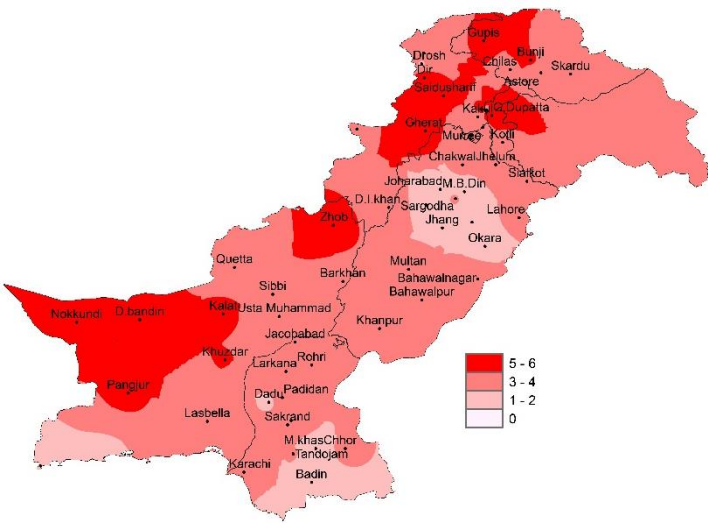
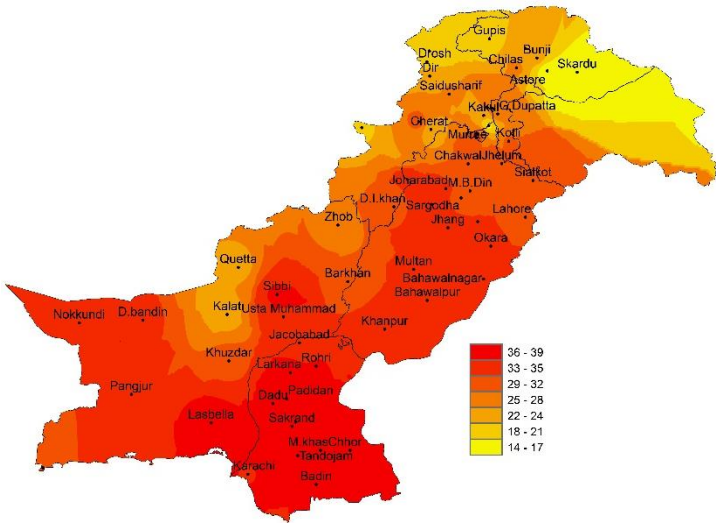
Wheat crop is sown in the fields. Date of sowing 26-11-2023. Variety: TJ83. Phonological Stage: Full Maturity. Condition: *Good*.

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

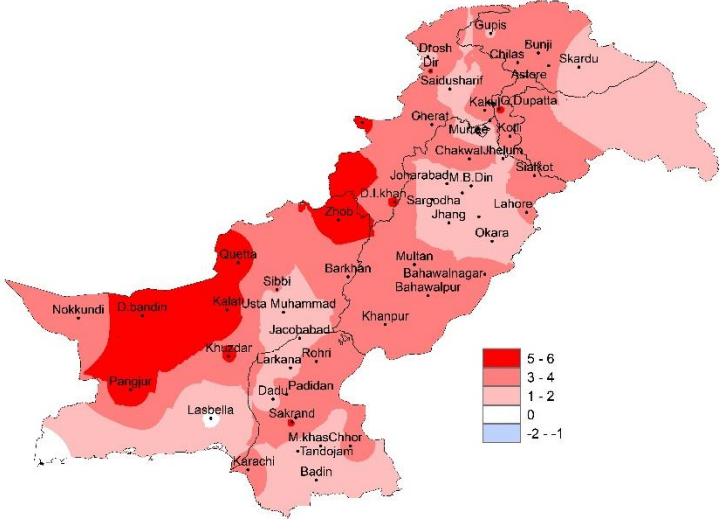
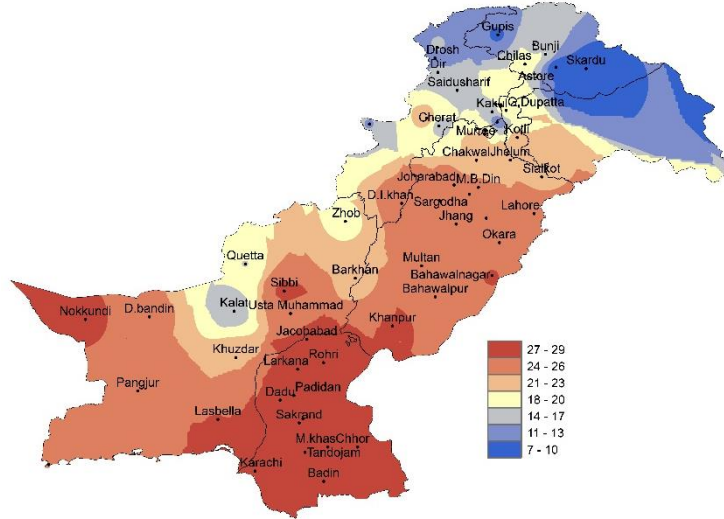
Wheat crop is sown in the fields of RAMC Quetta. Date of sowing 22-11-2023. Phonological Stage: Shooting. Condition: *Good*

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

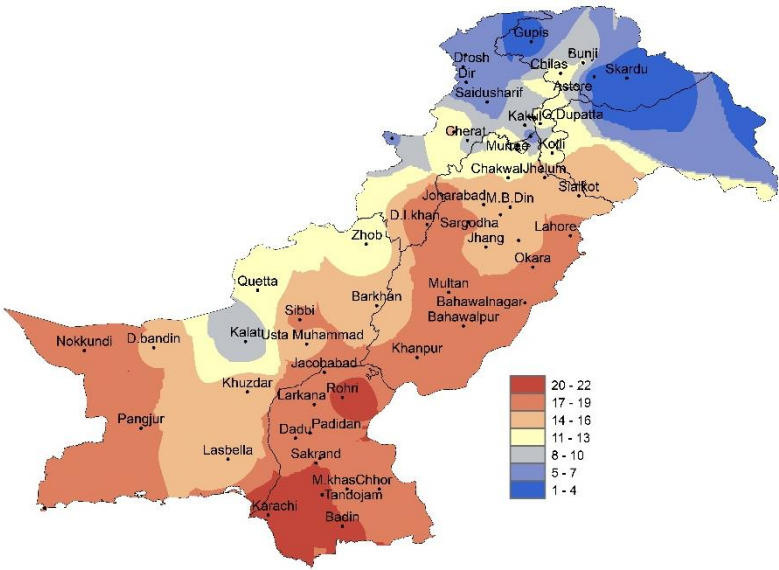
Actual & Departure of Maximum temperature (°C) for the Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)



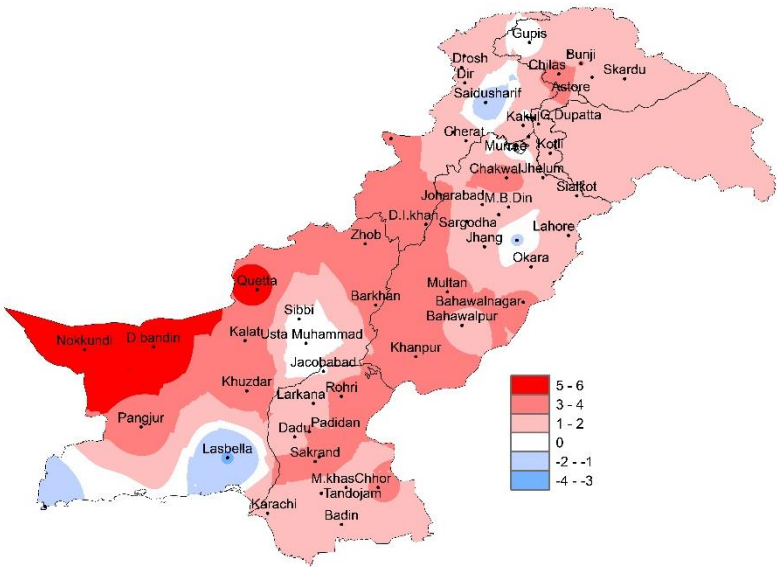
Actual & Departure of Mean temperature (°C) for the Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)



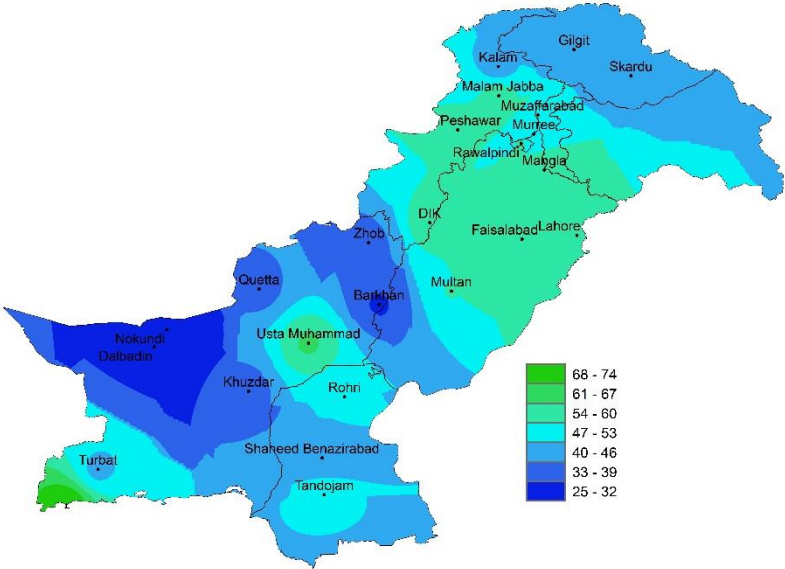
Actual Minimum temperature (°C) during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)



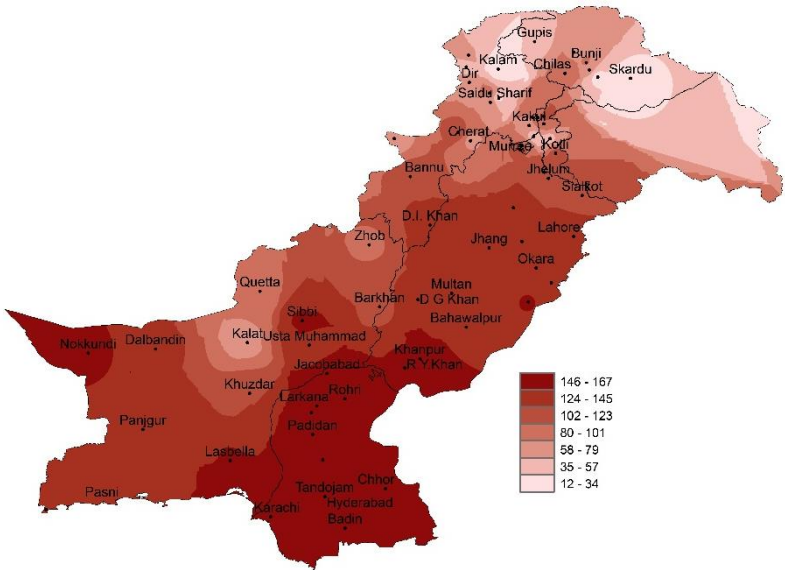
Departure of Minimum temperature (°C) during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)



Mean Relative Humidity (%) during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)

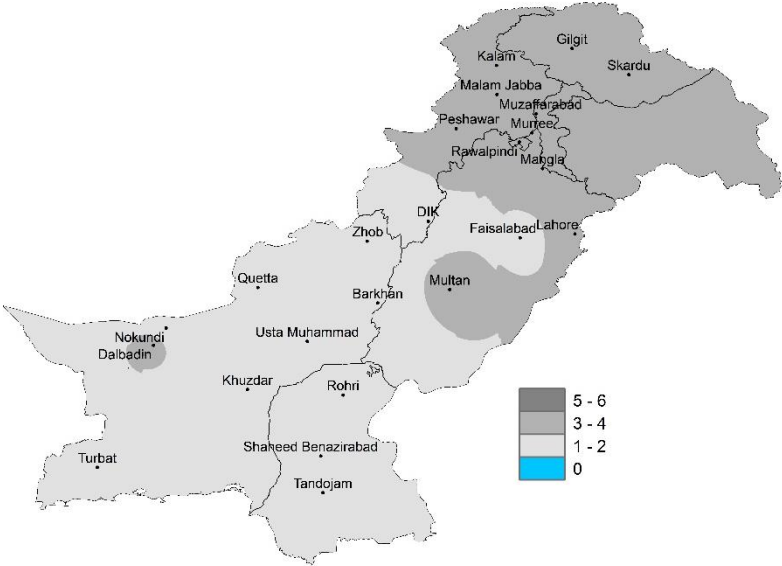


Total Growing Degree Days accumulated during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)

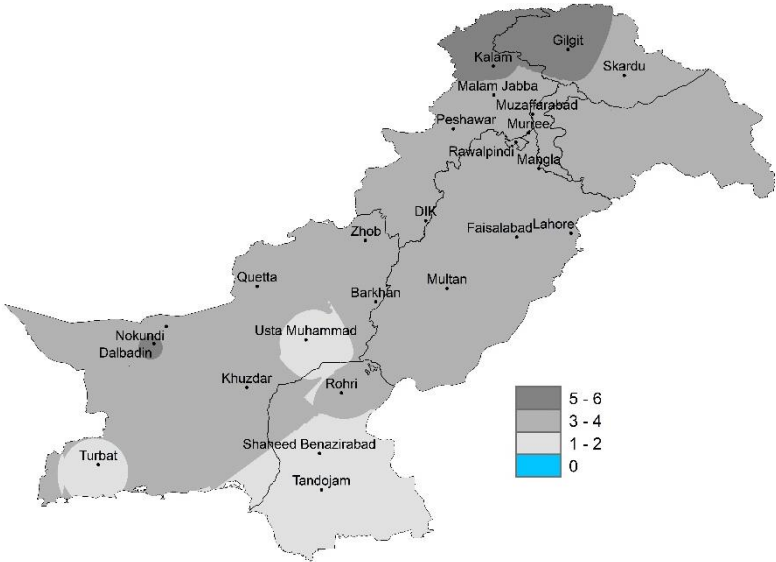




Mean Cloudiness (Octas) at 0800PST during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)

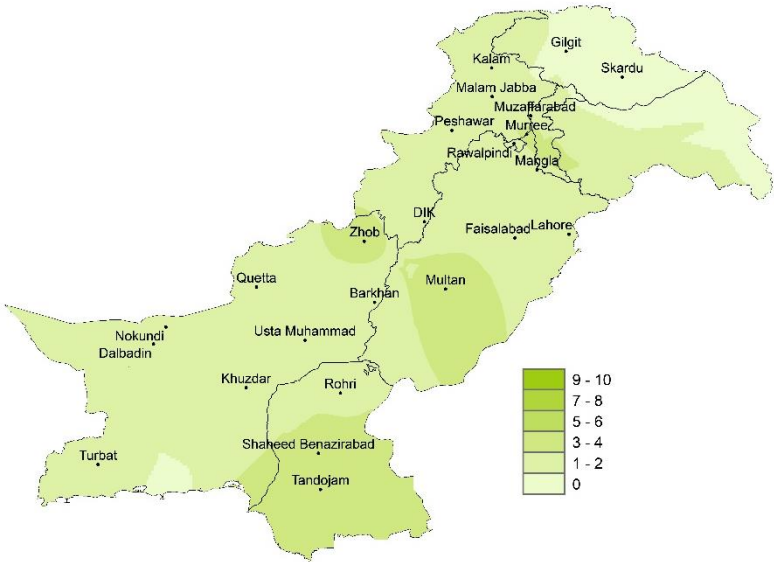


Mean Cloudiness (Octas) at 1700PST during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)

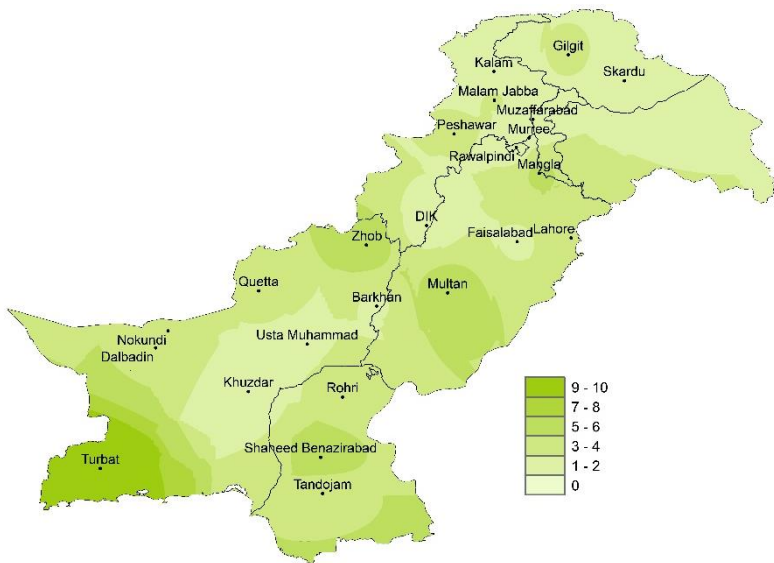




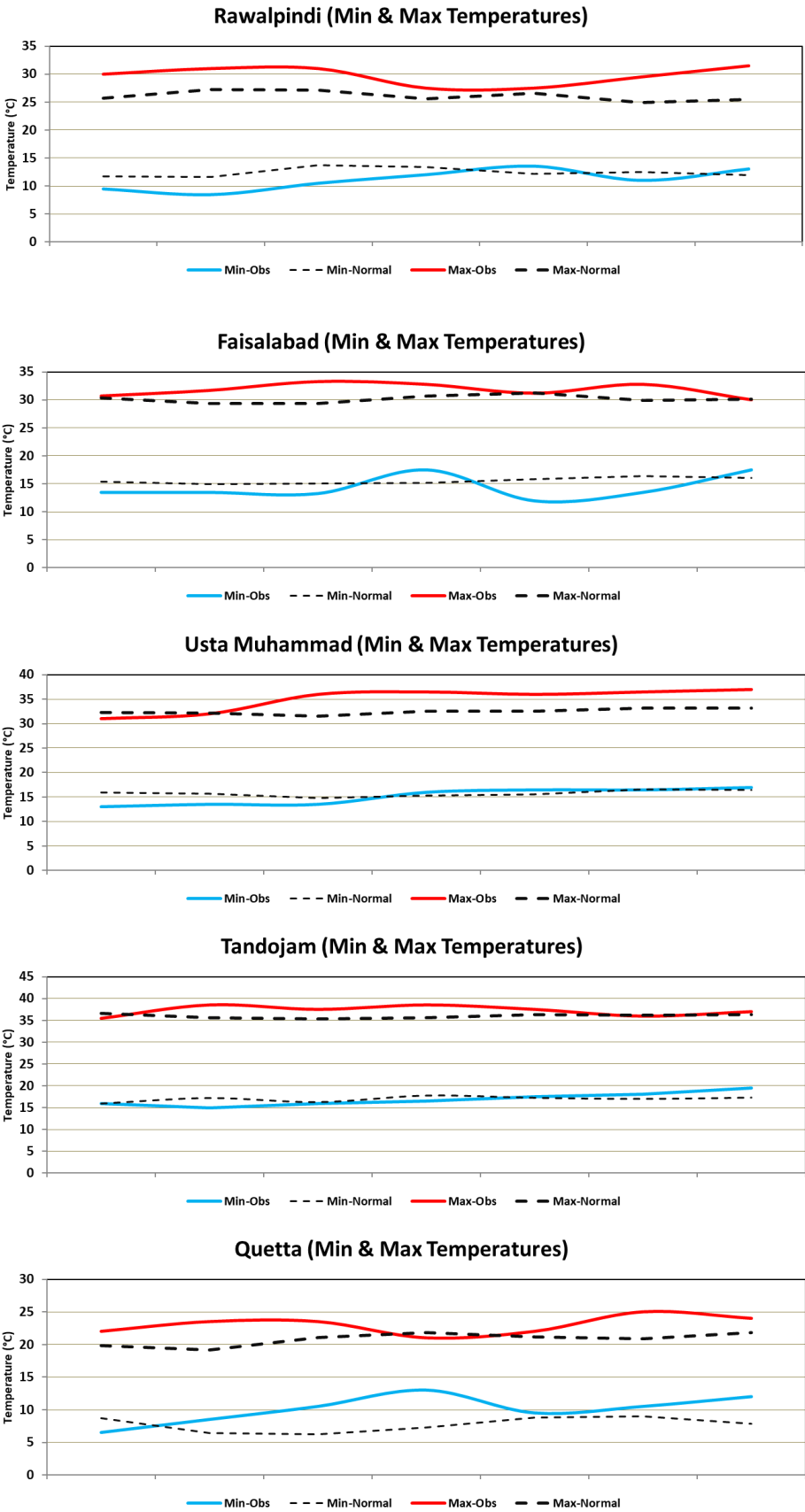
Mean Wind Speed (Knots) at 0800PST during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)



Mean Wind Speed (Knots) at 1700PST during the  
Previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)



Comparison of temperatures for RAMCs (Minimum & Maximum with normal)  
during the previous week (18<sup>th</sup> – 24<sup>th</sup> March 2024)



**Weekly Weather Advisory for Farmers****(25<sup>th</sup> – 31<sup>st</sup> March 2024)**

Continental air would prevail over most parts of the country. A westerly wave is likely to enter 27th evening/night and may persist 31st of March.

**MONDAY****25-03-2024**

Mainly dry weather is expected in most parts of the country, while partly cloudy in Balochistan.

**TUESDAY****26-02-2024**

Mainly dry and partly cloudy weather is expected in most parts of the country. While rain-wind/thunderstorm is likely at isolated places in Khyber Pakhtunkhwa, Gilgit-Baltistan and Kashmir during night.

**WEDNESDAY****27-02-2024**

Rain-wind/thunderstorm is expected in Gilgit-Baltistan, Kashmir, Khyber Pakhtunkhwa, Islamabad, Potohar region, central Punjab and north Balochistan. Dry weather is expected in other parts of the country.

**THURSDAY****28-02-2024**

Rain-wind/thunderstorm is expected in Kashmir, Gilgit-Baltistan, Khyber Pakhtunkhwa and Islamabad, upper/central Punjab, upper Baluchistan. Dry weather is expected in other parts of the country.

**FRIDAY****29-03-2024**

Rain-wind/thunderstorm is expected in Kashmir, Gilgit-Baltistan, Khyber Pakhtunkhwa, upper/central Punjab and north Balochistan. Dry weather is expected in other parts of the country.

**SATURDAY****30-03-2024**

Rain-wind/thunderstorm is expected in Kashmir, Gilgit-Baltistan, Khyber Pakhtunkhwa, Islamabad, and upper/central Punjab. Dry weather is expected in other parts of the country.

**SUNDAY****31-04-2024**

Mainly dry and partly cloudy weather is expected in most parts of the country. While rain-wind/thunderstorm is likely at isolated places in Gilgit-Baltistan, Kashmir and upper Khyber Pakhtunkhwa.

**ADVISORY FOR FARMERS**

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

**National Weather Data of Selected Cities from (18<sup>th</sup> – 24<sup>th</sup> March 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	17.6	15.0	136.0	57.0	20.0	1.6	3.9	0.6	0.6
Faisalabad	14.4	12.0	126.7	57.5	10.0	1.9	2.4	1.0	1.7
Gawadar	17.8	16.5	136.3	73.9	0.0	0.4	2.1	0.0	9.7
Gilgit	7.1	4.0	74.0	40.9	0.0	3.9	5.6	0.0	2.6
Kalam	-2.1	-3.5	12.3	41.4	19.0	2.7	5.3	0.0	0.0
Khuzdar	15.1	11.5	121.8	35.6	0.0	1.0	3.3	0.0	0.0
Lahore	16.5	13.5	128.8	53.3	0.6	2.4	2.4	0.0	2.9
Malam Jabba	3.9	1.0	25.3	56.7	6.0	3.6	3.6	1.1	2.3
Mangla	14.0	11.0	118.5	57.1	0.0	2.7	3.6	2.0	4.6
Multan (PBO)	17.7	15.6	140.3	53.2	1.2	2.7	2.1	3.4	5.7
Murree	5.2	3.0	40.4	48.9	11.0	2.9	4.4	3.4	2.0
Muzaffarabad	11.3	9.9	96.7	52.7	4.5	3.1	2.3	0.0	0.0
Sh. Ben. Abad	18.5	16.0	164.3	42.0	0.0	2.0	2.1	2.6	4.9
Peshawar	13.6	11.0	116.9	54.2	0.4	3.1	4.4	0.6	2.3
Quetta	10.1	6.5	80.8	36.3	2.8	1.2	4.1	1.2	2.6
Rawalpindi	11.1	8.5	108.0	53.4	5.2	3.4	3.3	0.3	0.9
Rohri	20.2	16.5	159.3	47.4	0.0	0.9	2.3	1.7	3.4
Skardu	3.1	-0.6	32.0	41.4	0.0	3.9	3.6	0.0	0.0
Tandojam	16.9	15.0	154.5	48.9	0.0	2.0	1.0	3.1	3.1
U.Muhammad	15.1	13.0	140.5	61.0	0.0	0.7	1.5	0.5	1.7
Zhob	11.2	10.0	96.5	36.4	3.0	1.4	2.4	2.6	5.6

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