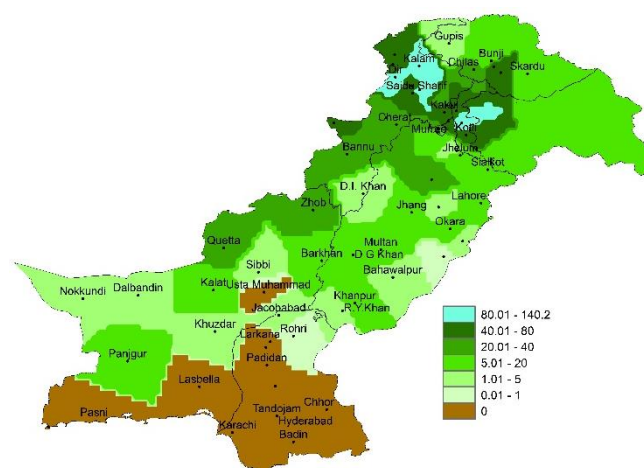


# Weekly Weather and Crop Bulletin for Pakistan

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

**Phone: +92-51-9250299**

**Email: [dirnamc@yahoo.com](mailto:dirnamc@yahoo.com)**



## Highlights of Past Weather (22<sup>nd</sup> – 28<sup>th</sup> April 2024)

- Moderate to heavy rain was reported from most parts of the country during the past week. While dry weather was reported from southern parts of the country (Sindh, southern Baluchistan).
- Daily maximum temperatures were observed below normal in most parts of the country except GB, Kashmir and Potohar region Punjab where normal to above normal maximum temperature were recorded.
- Daily minimum temperatures were observed above normal in the country.
- Below normal mean daily temperatures were observed in most parts of the country whereas normal to below normal in GB, Kashmir and Sindh.

### Rainfall Distribution (mm) during the Previous Week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)

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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** **(22<sup>nd</sup> – 28<sup>th</sup> April 2024)**

### **Punjab**

Light to moderate rainfall was reported from Punjab Province. Weekly maximum and minimum temperatures recorded as 33.9°C & 19.5°C respectively. For the recent week on average 151.8 growing degree days were accumulated. Average relative humidity recorded as 48% and wind speed in the morning/evening recorded as 2.1/4.4 Knots. Highest rainfall was reported as 57.5 mm from Murree. However, lowest minimum temperature was recorded as 6.5°C at Murree.

### **Baluchistan**

Light to moderate rainfall was reported from the northern parts of the province. Weekly maximum and minimum temperatures recorded as 24.2°C & 13.5°C respectively. For the recent week on average 96.9 growing degree days were accumulated. Average relative humidity recorded 53% and wind speed in the morning/evening recorded as 1.5/5.1 Knots. Highest rainfall was reported as 24.01 mm from Quetta (Samungli). However, lowest minimum temperature was recorded as 6.5°C at Kalat.

### **Khyber Pakhtunkhwa**

Moderate to heavy rainfall was reported from Khyber Pakhtunkhwa. Weekly maximum and minimum temperatures recorded as 24.6°C & 12.5°C respectively. For the recent week on average 94.8 growing degree days were accumulated. Average relative humidity recorded as 62% and wind speed in the morning/evening recorded as 0.6/1.7 Knots. Highest rainfall was reported as 98.8 mm from Kalam. However, lowest minimum temperature recorded as 1.0°C at Kalam.

### **Sindh**

Light rainfall was reported from Sindh. Weekly maximum and minimum temperatures recorded as 39.1°C & 23.3°C respectively. For the recent week, on average 183.3 growing degree days were accumulated. Average relative humidity recorded as

44% and wind speed in the morning/evening recorded as 3.8/4.4 Knots. Highest rainfall was reported as 3.0 mm from Sukkur. However, lowest minimum temperature recorded as 19.5°C at Jacobabad.

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

Moderate to heavy rainfall was reported from Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 24.0°C & 11.5°C respectively. For the recent week on average 89.6 growing degree days were accumulated. Average relative humidity recorded as 52%. and wind speed recorded in the morning/evening as 0.4/5.2. Highest rainfall was reported as 140.2 mm from Rawalakot. However, lowest minimum temperature recorded as 3.9°C at Astore.

**Past Weather for Major Agricultural Plains****(22<sup>nd</sup> – 28<sup>th</sup> April 2024)****Rawalpindi (Potohar region)**

Rainfall reported as 13.4 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 3.1/6.0 Oktas, average relative humidity observed as 60%. Mean minimum time temperature was recorded as 15.5°C and for the recent week 128.2 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots. The lowest minimum temperature was recorded as 14.0°C.

**Faisalabad (Central Punjab)**

Rainfall reported as 0.5 mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded 2.0/2.3 Oktas while, average relative humidity observed as 49%. Mean minimum time temperature recorded 20.8°C & for the recent week 164.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/2.0 Knots. The lowest minimum temperature was recorded as 19.0°C.

**Tandojam (Lower Sindh)**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded 0.6/1.8 Oktas while, average relative humidity observed as 51%. Mean minimum time temperature recorded as 22.1°C & for the recent week 175.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.4/3.1 Knots. The lowest minimum temperature was recorded as 21.5°C.

**Usta Muhammad (Eastern Baluchistan)**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 2.0/2.7. Average relative humidity observed as 34%. Mean minimum time temperature recorded as 21.8°C & for the recent week 177.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.8/3.1 Knots. The lowest minimum temperature was recorded as 19.5°C.

**Quetta (Northern Baluchistan)**

Rainfall reported as 12.8 mm from Quetta during the week; however, cloudiness in the morning/evening recorded as 2.7/4.8 Oktas while, average relative humidity observed as 40%. Mean minimum time temperature recorded as 10.2°C & for the recent week 76.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/2.6 Knots. The lowest minimum temperature was recorded as 8.5°C.

**Past Weather for Sub-Regional Agricultural Plains (22<sup>nd</sup> – 28<sup>th</sup> April 2024)****Multan**

Rainfall reported as 13.12 mm during the week; however, cloudiness in the morning/evening recorded as 2.9/2.6 Oktas. Average relative humidity observed as 43%. Mean minimum time temperature recorded as 21.3°C & for the recent week 162.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.0/5.7 Knots.

**Lahore**

Rainfall reported as 16.4 mm from Lahore during the week; cloudiness in the morning/evening recorded as 3.5/2.7 Oktas, average relative humidity observed as 42%. Mean minimum time temperature recorded as 20.6°C & for the recent week 158.2 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.0/2.9 Knots.

**Zhob**

Rainfall reported as 4.0 mm from Zhob during the week; however, cloudiness in the morning/evening recorded as 2.6/3.9 Oktas. Average relative humidity observed as 59%. Mean minimum time temperature recorded as 23.6°C & for the recent week 178.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.9/3.4 Knots.

**Murree**

Rainfall reported as 57.51 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 3.3/7.4 Oktas while, average relative humidity observed as 61%. Mean minimum time temperature recorded as 9.0°C & for the recent week 59.2 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.3/4.6 Knots.

**D.I. Khan**

Rainfall reported as 1.11 mm from D.I. Khan during the week; cloudiness in the morning/evening recorded as 3.2/3.1. Average relative humidity observed as 56%. Mean minimum time temperature recorded as 20.4°C & for the recent week 151.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/1.0 Knots.

**Peshawar**

Rainfall reported as 21.8 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 3.7/5.4 Oktas while, average relative humidity observed as 64%. Mean minimum time temperature was recorded as 17.7°C & for the recent week 130.2 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.9/2.6 Knots.

**Kalam**

Rainfall reported as 98.8 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 3.6/5.0 Oktas while, average relative humidity observed as 36%. Mean minimum time temperature recorded as 3.0°C & for the recent week 37.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/4.7 Knots.

**Gilgit**

Rainfall reported as 9.31 mm from Gilgit during the week, cloudiness in the morning/evening recorded as 5.7/6.0 Oktas while, average relative humidity observed as 48%. Mean minimum time temperature recorded as 11.9°C & for the recent week 101.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/6.0 Knots.

**Skardu**

Rainfall reported as 12.9 mm from Skardu during the week; however, cloudiness in the morning/evening recorded as 4.0/5.0 Oktas while, average relative humidity observed as 36%. Mean minimum time temperature recorded as 7.9°C & for the recent week 68.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/4.7 Knots.

**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)**

Cotton crop is in the fields. Date of sowing 23-04-2024. Phonological Stage: Emergence. Condition: Very Good.

**Lower Sindh (Tandojam)**

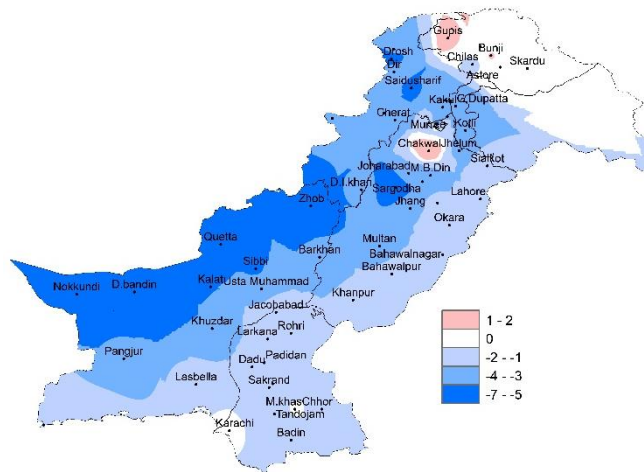
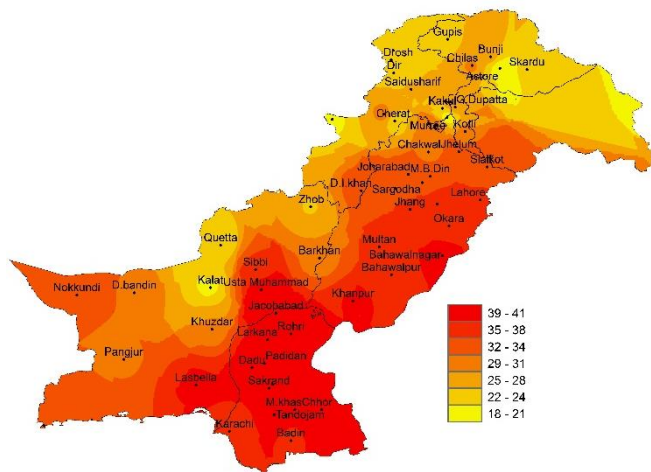
Land is preparing for cotton crop.

**Northern Baluchistan (Quetta)**

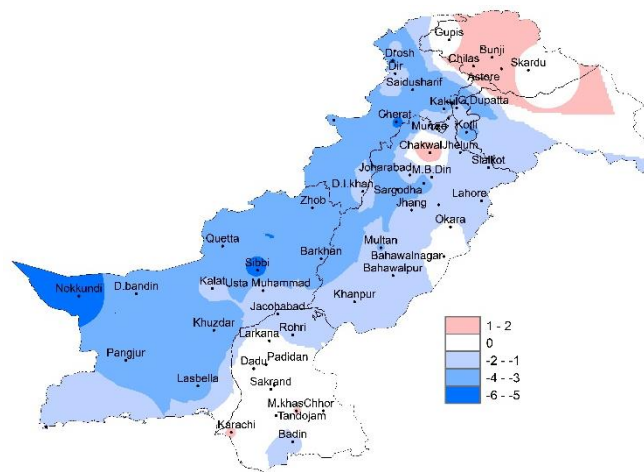
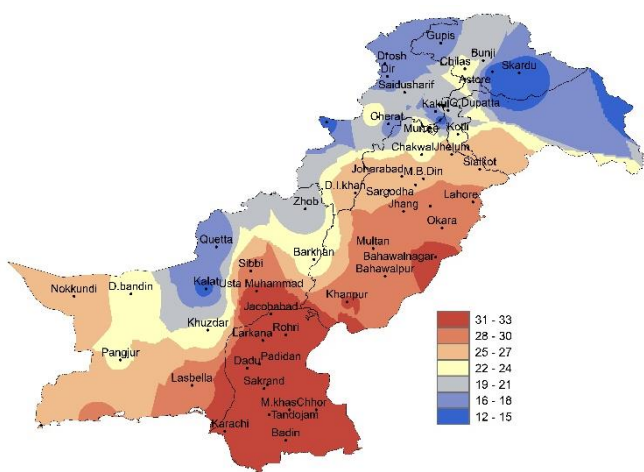
Wheat crop is sown in the fields of RAMC Quetta. Date of sowing 22-11-2023. Phonological Stage: Flowering. Condition: *Very Good*

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

**Actual & Departure of Maximum temperature (°C) for the Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**

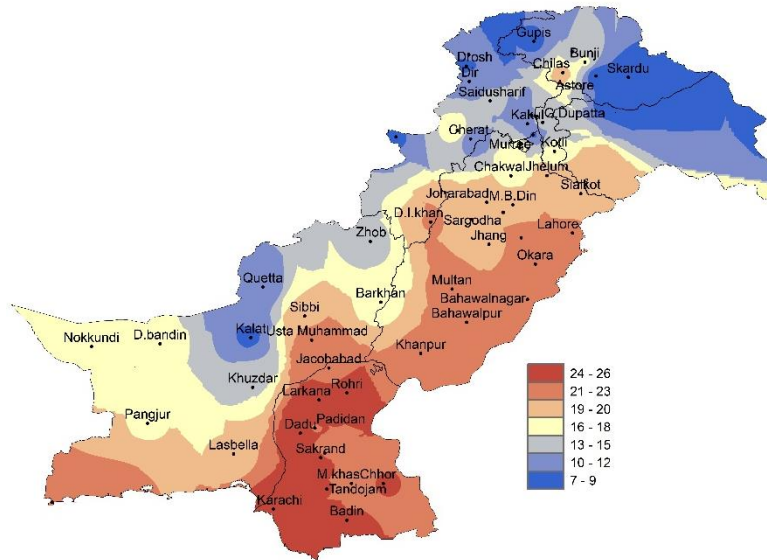


**Actual & Departure of Mean temperature (°C) for the Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**



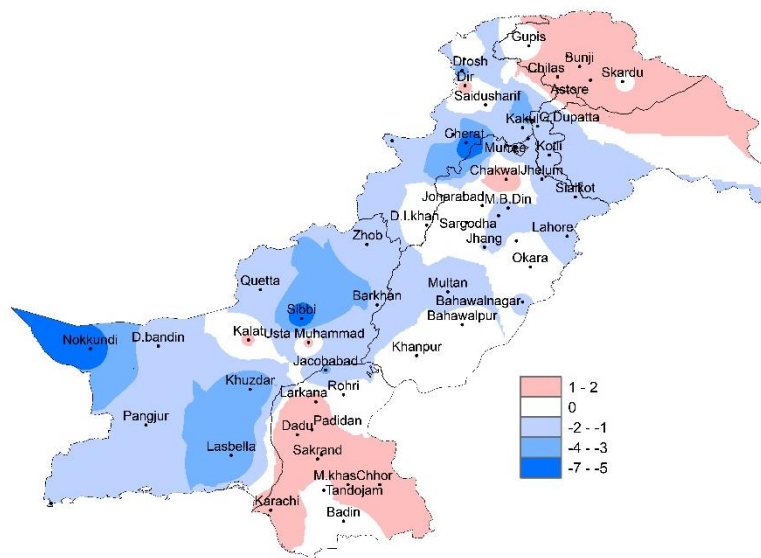
**Actual Minimum temperature (°C) during the**

**Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**

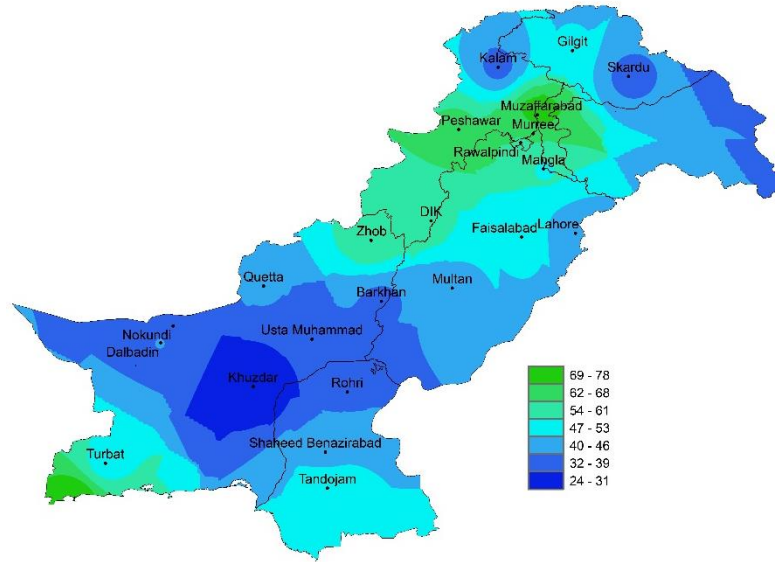


**Departure of Minimum temperature (°C) during the**

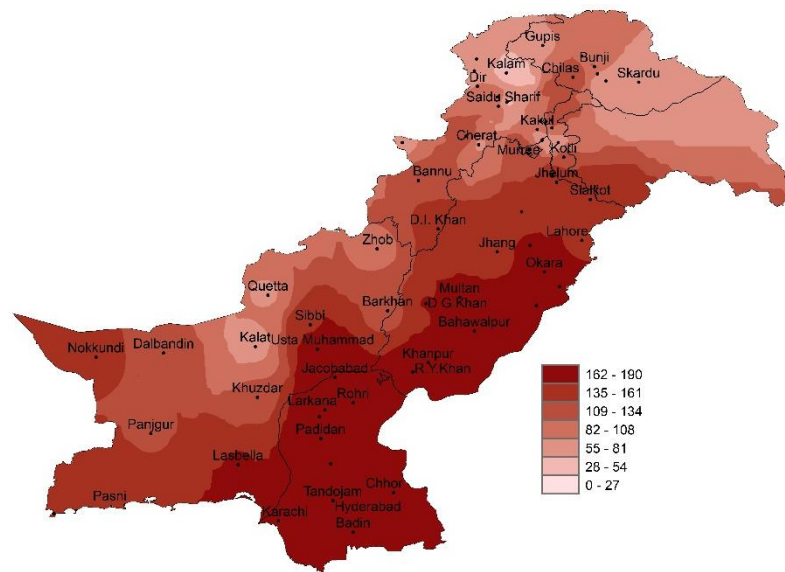
**Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**



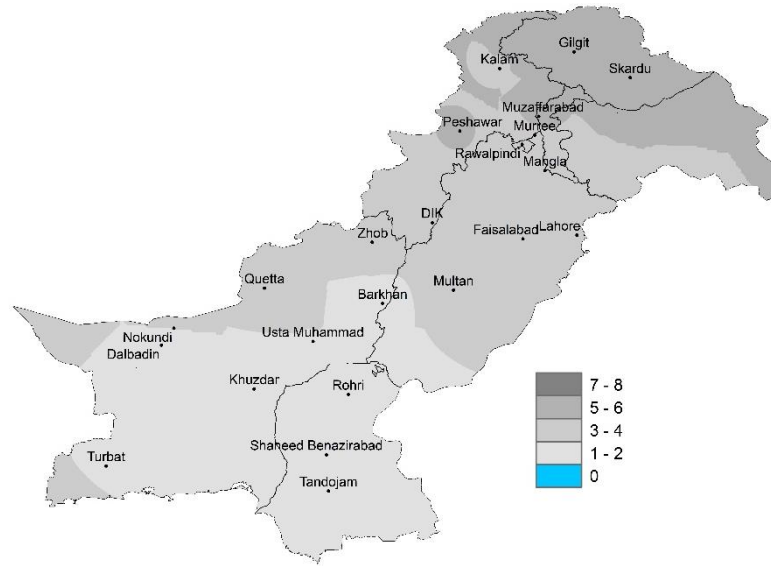
**Mean Relative Humidity (%) during the  
Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**



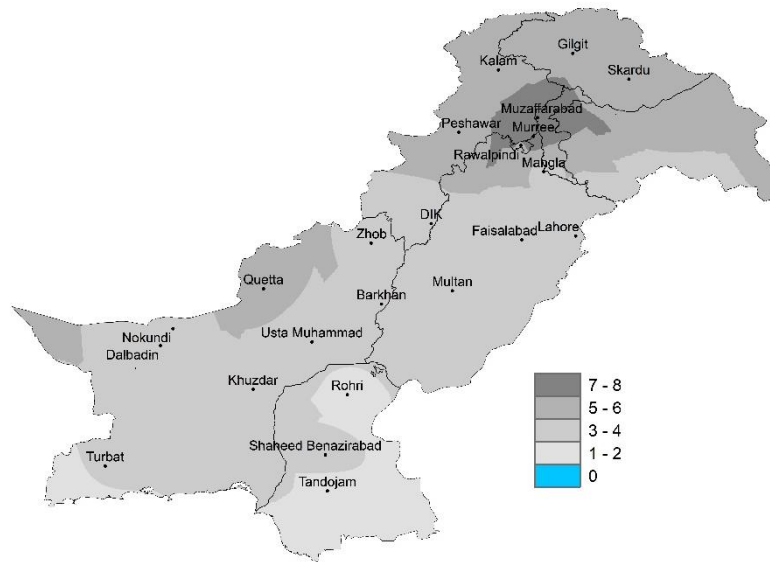
**Total Growing Degree Days accumulated during the  
Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**



Mean Cloudiness (Octas) at 0800PST during the  
Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)

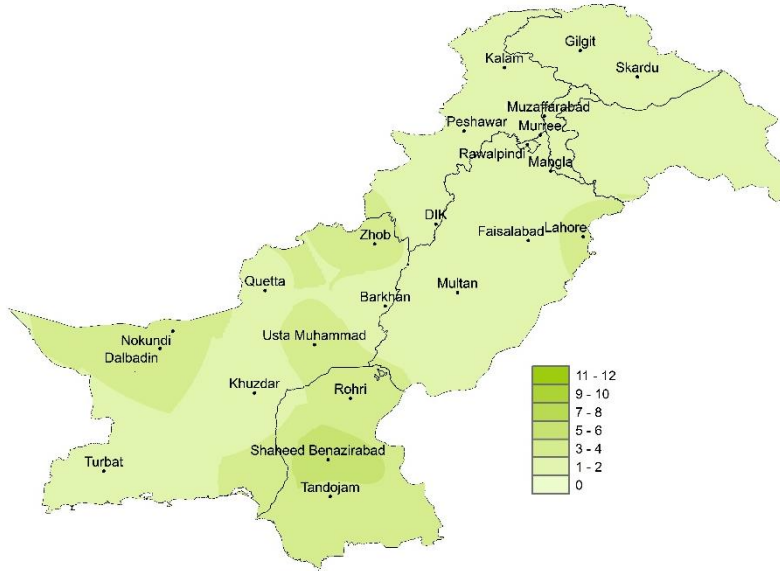


Mean Cloudiness (Octas) at 1700PST during the  
Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)

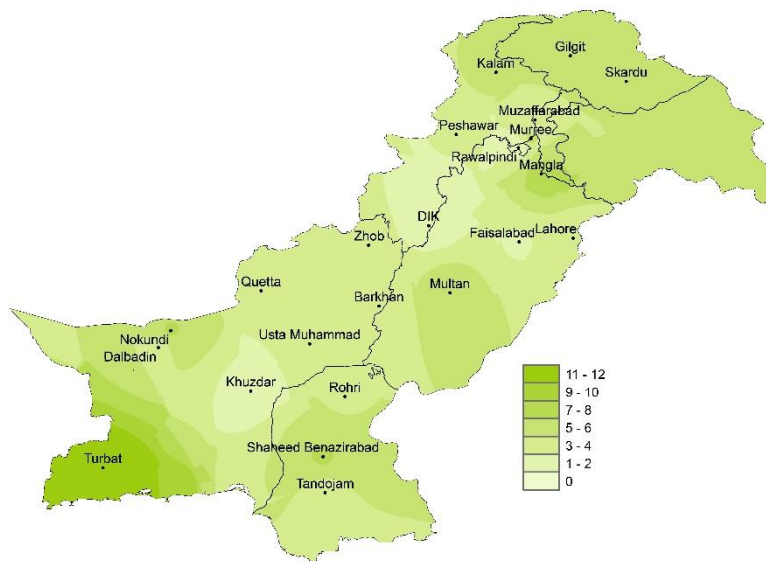




**Mean Wind Speed (Knots) at 0800PST during the  
Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**

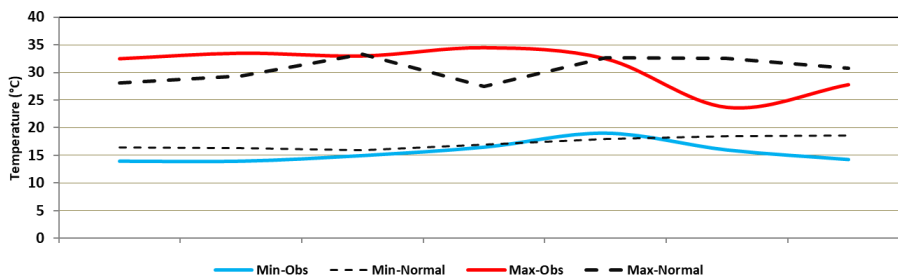


**Mean Wind Speed (Knots) at 1700PST during the  
Previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)**

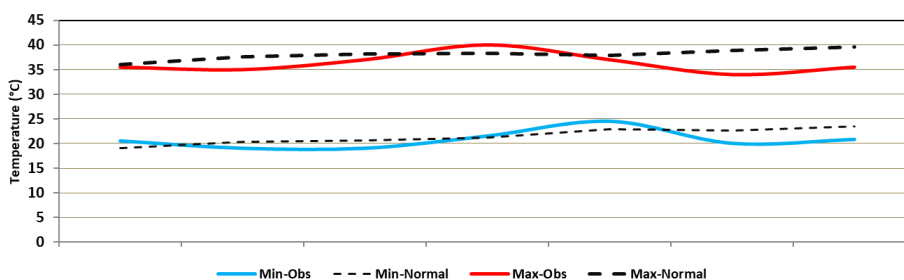


Comparison of temperatures for RAMCs (Minimum & Maximum with normal)  
during the previous week (22<sup>nd</sup> – 28<sup>th</sup> April 2024)

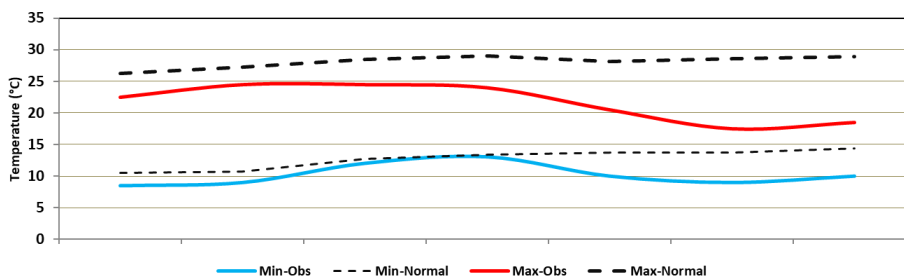
Rawalpindi (Min & Max Temperatures)



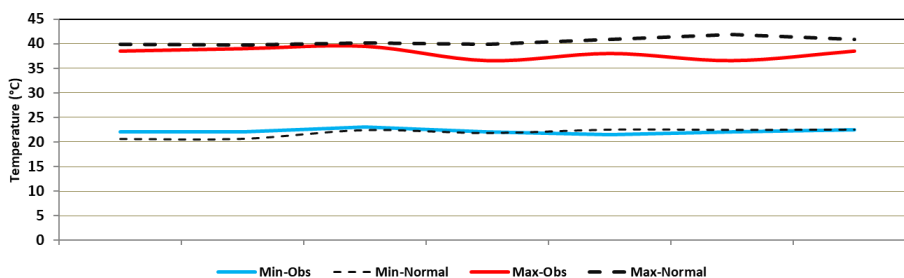
Faisalabad (Min & Max Temperatures)



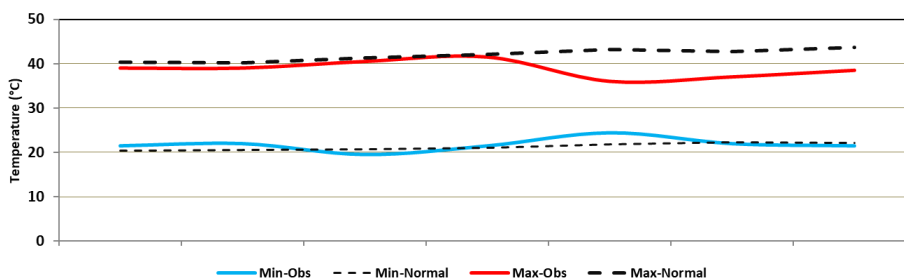
Quetta (Min & Max Temperatures)



Tandojam (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers****(29<sup>th</sup> April – 05<sup>th</sup> May 2024)**

A westerly wave is affecting most parts of the country and may persist in upper parts till 30th April.

**MONDAY****29-04-2024**

More rain-windstorm/thunderstorm (with isolated hailstorm) is expected in Khyber-Pakhtunkhwa, upper Punjab, Islamabad, Gilgit-Baltistan and Kashmir. Heavy falls are also likely at few places in upper Khyber-Pakhtunkhwa, Kashmir and adjacent hilly areas. Dry weather with gusty winds is likely elsewhere in the country.

**TUESDAY****30-04-2024**

Dry weather with gusty winds is likely elsewhere in the country. While, more rain-windstorm/thunderstorm (with isolated hailstorm) is expected at isolated places in upper Khyber-Pakhtunkhwa, upper Punjab, Islamabad, Gilgit-Baltistan and Kashmir.

**WEDNESDAY****01-05-2024**

Mainly dry weather is expected in most parts of the country, while hot in central/southern parts. However partly cloudy weather with chances of rain-wind/thunderstorm is likely at isolated places in Gilgit-Baltistan and Kashmir.

**THURSDAY****02-05-2024**

Mainly dry weather is expected in most parts of the country, while hot in southern/central parts. However, rain-wind thunderstorm is likely in west Baluchistan.

**FRIDAY****03-05-2024**

Mainly dry weather is expected in most parts of the country, while hot in southern/central parts. However, rain-wind/thunderstorm is expected in upper Baluchistan, Khyber Pakhtunkhwa and Gilgit Baltistan.

**SATURDAY****04-05-2024**

Mainly dry weather is expected in most parts of the country, while hot in southern/central parts. However, rain-wind/thunderstorm is expected in northeast Baluchistan, Khyber Pakhtunkhwa and Gilgit Baltistan.

**SUNDAY****05-05-2024**

Mainly dry weather is expected in most parts of the country, while hot in southern/central parts.

**ADVISORY FOR FARMERS**

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

**National Weather Data of Selected Cities from (22<sup>nd</sup> – 28<sup>th</sup> April 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	20.4	18.5	151.3	55.6	1.1	3.2	3.1	1.0	1.0
Faisalabad	20.8	19.0	164.7	48.5	0.5	2.0	2.3	0.6	2.0
Gawadar	23.1	22.0	159.5	75.2	0.0	2.4	0.9	1.7	10.9
Gilgit	11.9	9.0	101.8	48.2	9.3	5.7	6.0	1.0	6.0
Kalam	3.0	1.0	37.5	35.9	98.8	3.6	5.0	0.0	4.7
Lahore	20.6	19.4	158.2	42.0	16.4	3.5	2.7	3.0	2.9
Malam Jabba	5.4	3.0	39.5	*	85.0	*	*	*	*
Mangla	17.5	15.6	139.3	52.3	3.4	2.8	3.0	0.7	7.7
Multan (PBO)	21.3	19.5	162.8	42.5	13.1	2.9	2.6	2.0	5.7
Murree	9.0	6.5	59.2	60.6	57.5	3.3	7.4	1.3	4.6
Muzaffarabad	13.6	12.5	109.0	72.8	69.0	4.0	7.0	0.0	2.3
Sh. Ben. Abad	22.4	21.0	186.9	43.5	0.0	1.3	2.6	5.1	6.3
Peshawar	17.7	16.0	130.2	63.6	21.8	3.7	5.4	0.9	2.6
Quetta	10.2	8.5	76.8	40.0	12.8	2.7	4.8	1.7	2.6
Rawalpindi	15.5	14.0	128.2	60.0	13.4	3.1	6.0	0.0	0.6
Rohri	23.5	22.5	185.1	36.9	0.0	0.7	1.7	2.9	3.7
Skardu	7.9	6.0	68.5	35.9	12.9	4.0	5.0	0.0	4.7
Tandojam	22.1	21.5	175.8	51.0	0.0	0.6	1.8	3.4	3.1
U.Muhammad	21.8	19.5	177.0	34.0	0.0	2.0	2.7	2.8	3.1
Zhob	23.6	22.5	178.8	59.4	0.0	2.6	3.9	2.9	3.4

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