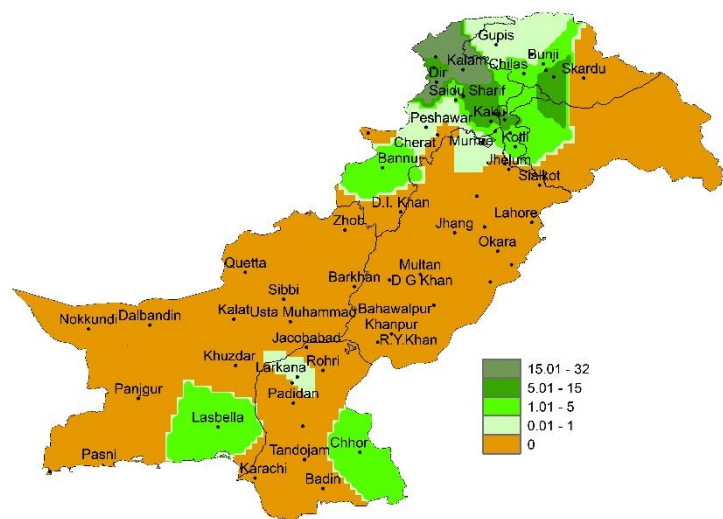


Weekly Weather and Crop Bulletin for Pakistan

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PAKISTAN METEOROLOGICAL
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Highlights of Past Weather (01st – 07th April 2024)

- During the past week, light rain was reported from most of the northwestern parts of the country particularly northern-central KP, western Kashmir, central/western Gilgit Baltistan and some parts of southeastern Sindh and Balochistan. While dry weather was reported from the rest parts of Balochistan, Sindh, Punjab and Kashmir.
- Daily maximum temperatures were observed normal to above normal in most parts of the country except southeastern parts of Sindh where below normal maximum temperature were recorded.
- Daily minimum temperatures were observed normal to above normal in the country. While some scattered locations of Balochistan, Potohar region and central Punjab observed slightly below normal temperatures.
- Above normal mean daily temperatures were observed in most parts of the country whereas normal to below normal in some parts of Balochistan particularly its western parts.

Rainfall Distribution (mm) during the Previous Week (01st – 07th April 2024)

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Editor: Dr. Tariq Mahmood (Meteorologist)

Past Weather of Provinces **(01st – 07th April 2024)**

Punjab

Light rainfall was reported from only single station (Murree) in Punjab Province. Weekly maximum and minimum temperatures recorded as 32.9°C & 16.4°C respectively. For the recent week on average 137.8 growing degree days were accumulated. Average relative humidity recorded as 44% and wind speed in the morning/evening recorded as 1.5/3.4 Knots. Highest rainfall was reported as 3.01 mm from Murree. However, lowest minimum temperature was recorded as 5.0°C at Murree.

Balochistan

Light rainfall was reported from only single station (Lasbella) in Balochistan province. Weekly maximum and minimum temperatures recorded as 26.2°C & 13.2°C respectively. For the recent week on average 103.0 growing degree days were accumulated. Average relative humidity recorded 39% and wind speed in the morning/evening recorded as 0.4/5.3 Knots. Highest rainfall was reported as 4.0 mm from Lasbella. However, lowest minimum temperature was recorded as 4.5°C, at Quetta.

Khyber Pakhtunkhwa

Light to Moderate rainfall was reported from Khyber Pakhtunkhwa. Weekly maximum and minimum temperatures recorded as 25.2°C & 10.2°C respectively. For the recent week on average 88.8 growing degree days were accumulated. Average relative humidity recorded as 54% and wind speed in the morning/evening recorded as 1.3/1.4 Knots. Highest rainfall was reported as 32.0 mm from Kalam. However, lowest minimum temperature recorded as -4.0 °C, at Kalam.

Sindh

Light rainfall was reported from only single station (Chhor) from Sindh. Weekly maximum and minimum temperatures recorded as 37.1°C & 21.4°C respectively. For the recent week, on average 169.8 growing degree days were

accumulated. Average relative humidity recorded as 41% and wind speed in the morning/evening recorded as 4.9/3.0 Knots. Highest rainfall was reported as 4.0 mm from Chhor. However, lowest minimum temperature recorded as 17.0°C, at Shaheed Benazir Abad.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rainfall was reported from most parts of Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 22.1°C & 8.0°C respectively. For the recent week on average 70.4 growing degree days were accumulated. Average relative humidity recorded as 45%. and wind speed recorded in the morning/evening as 0.6/4.1. Highest rainfall was reported as 14.5 mm from Garhi Dopatta. However, lowest minimum temperature recorded as 1.0°C, at Astore.

Past Weather for Major Agricultural Plains**(01st – 07th April 2024)****Rawalpindi (Potohar region)**

Rainfall reported as 0.1 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 1.3/2.3 Oktas, average relative humidity observed as 49.0%. Mean minimum time temperature was recorded as 12.0°C and for the recent week 114.9 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.6/2.6 Knots. The lowest minimum temperature was recorded as 10.6°C.

Faisalabad (Central Punjab)

Dry weather reported during the week; however, cloudiness in the morning/evening recorded 1.6/1.7 Oktas while, average relative humidity observed as 45%. Mean minimum time temperature recorded 16.9°C & for the recent week 142.4 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/1.8 Knots. The lowest minimum temperature was recorded as 15.0°C.

Tandojam (Lower Sindh)

Dry weather reported during the week; however, cloudiness in the morning/evening recorded 1.6/2.7 Oktas while, average relative humidity observed as 49%. Mean minimum time temperature recorded as 20.1°C & for the recent week 166.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/1.7 Knots. The lowest minimum temperature was recorded as 19.0°C.

Usta Muhammad (Eastern Balochistan)

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 3.8/2.4. Average relative humidity observed as 69%. Mean minimum time temperature recorded as 17.2°C & for the recent week 157.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/4.0 Knots. The lowest minimum temperature was recorded as 16.5°C.

Quetta (Northern Balochistan)

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 1.3/2.4 Oktas while, average relative humidity observed as 24%. Mean minimum time temperature recorded as 7.7°C & for the recent week 68.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.9/2.8 Knots. The lowest minimum temperature was recorded as 6.5°C.

Past Weather for Sub-Regional Agricultural Plains (01st – 07th April 2024)**Multan**

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 1.0/2.3 Oktas. Average relative humidity observed as 41%. Mean minimum time temperature recorded as 19.1°C & for the recent week 152.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/4.6 Knots.

Lahore

Dry weather reported during the week; cloudiness in the morning/evening recorded as 1.3/1.1 Oktas, average relative humidity observed as 40%. Mean minimum time temperature recorded as 18.3°C & for the recent week 143.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/4.3 Knots.

Zhob

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 0.3/1.3 Oktas. Average relative humidity observed as 21%. Mean minimum time temperature recorded as 22.1°C & for the recent week 172.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/3.6 Knots.

Murree

Rainfall reported as 3.0 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 1.9/3.6 Oktas while, average relative humidity observed as 53%. Mean minimum time temperature recorded as 7.5°C & for the recent week 56.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.3/1.4 Knots.

D.I. Khan

Dry weather reported during the week; cloudiness in the morning/evening recorded as 1.8/1.3. Average relative humidity observed as 50%. Mean minimum time temperature recorded as 18.3°C & for the recent week 146.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/1.0 Knots.

Peshawar

Rainfall reported as 1.0 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 2.4/2.7 Oktas while, average relative humidity observed as 48%. Mean minimum time temperature was recorded as 14.5°C & for the recent week 122.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/2.3 Knots.

Kalam

Rainfall reported as 32.0 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 0.0/4.9 Oktas while, average relative humidity observed as 39%. Mean minimum time temperature recorded as -1.9°C & for the recent week 13.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/2.0 Knots.

Gilgit

Dry weather reported during the week, cloudiness in the morning/evening recorded as 4.2/4.3 Oktas while, average relative humidity observed as 43%. Mean minimum time temperature recorded as 6.9°C & for the recent week 70.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/6.0 Knots.

Skardu

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 4.8/3.6 Oktas while, average relative humidity observed as 39%. Mean minimum time temperature recorded as 5.3°C & for the recent week 45.4 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.3/2.0 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)

Wheat crop is sown in the fields. Date of sowing 21-11-2023. Phonological Stage: Wax Maturity. Condition: Very Good.

Lower Sindh (Tandojam)

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

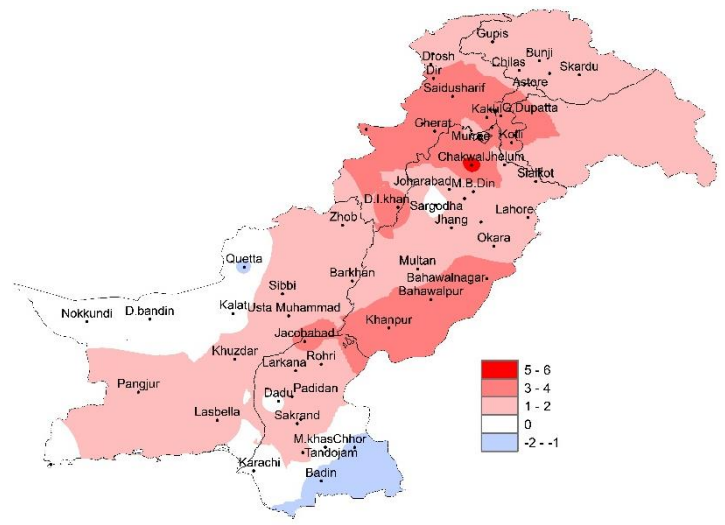
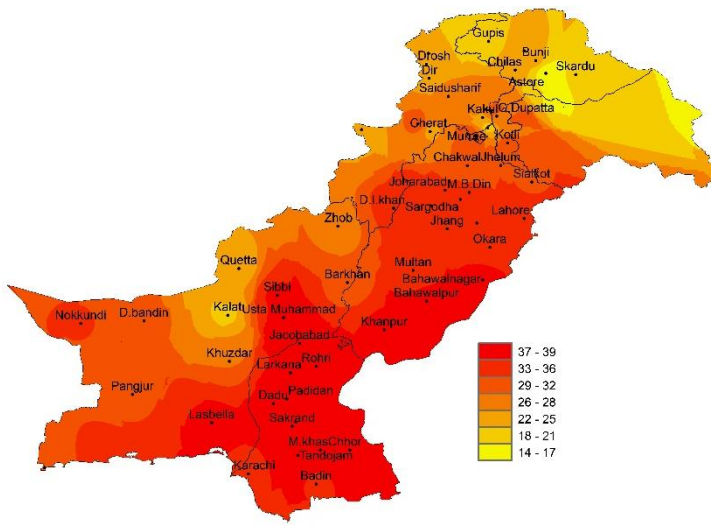
Northern Balochistan (Quetta)

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

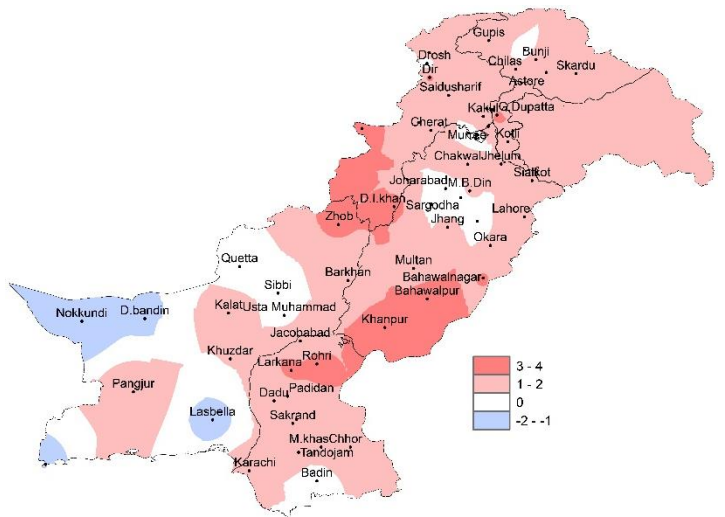
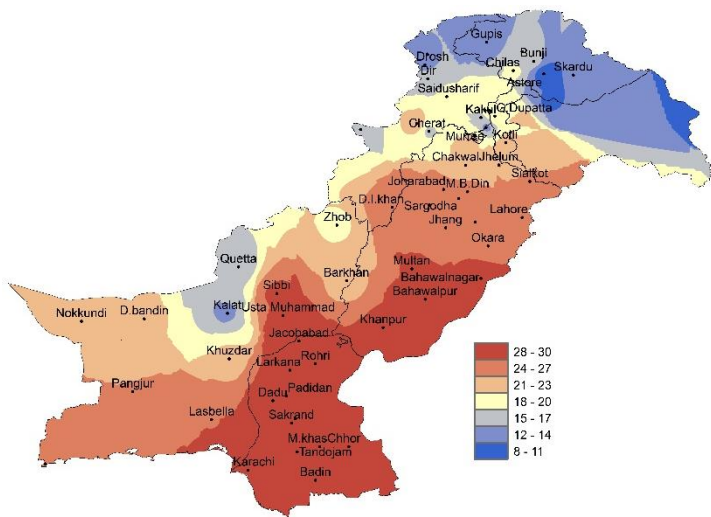
Eastern Balochistan (Usta Muhammad)

Wheat crops are grown in the fields. Phonological Stage: Milk Maturity. Condition: *Good*.

Actual & Departure of Maximum temperature (°C) for the Previous week (01st – 07th April 2024)

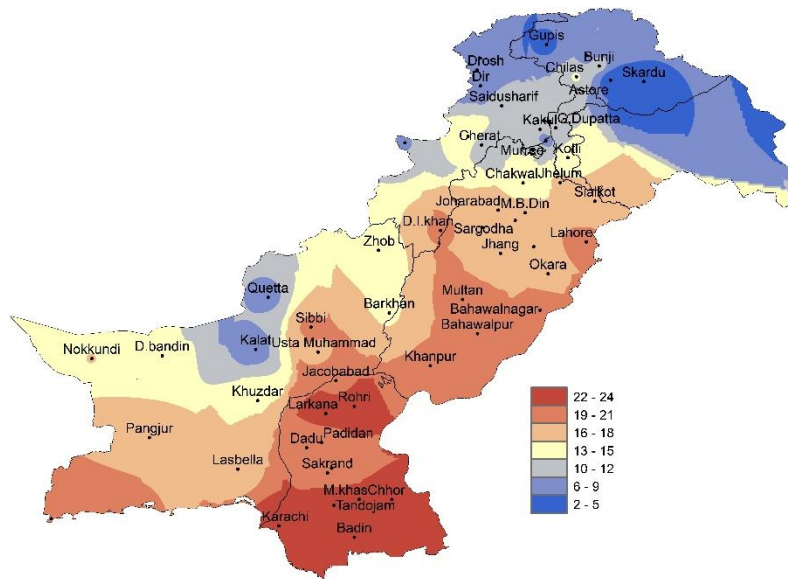


Actual & Departure of Mean temperature (°C) for the Previous week (01st – 07th April 2024)



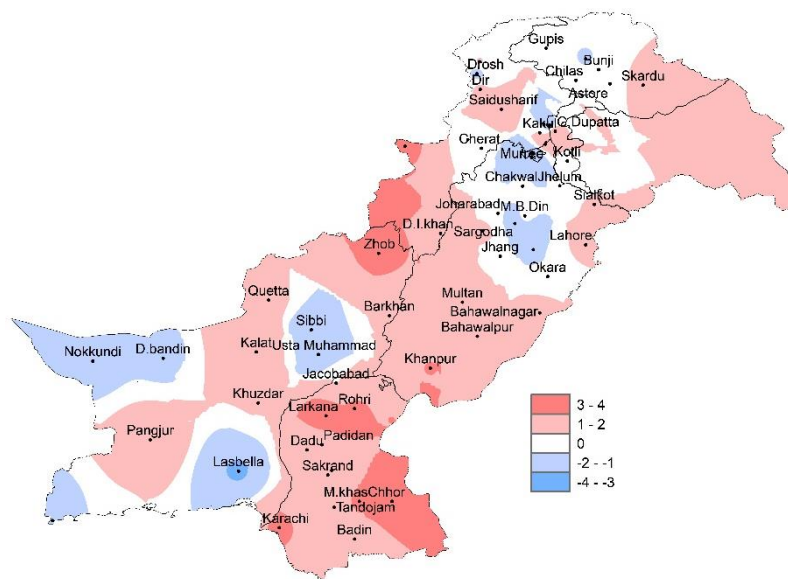
Actual Minimum temperature (°C) during the

Previous week (01st – 07th April 2024)

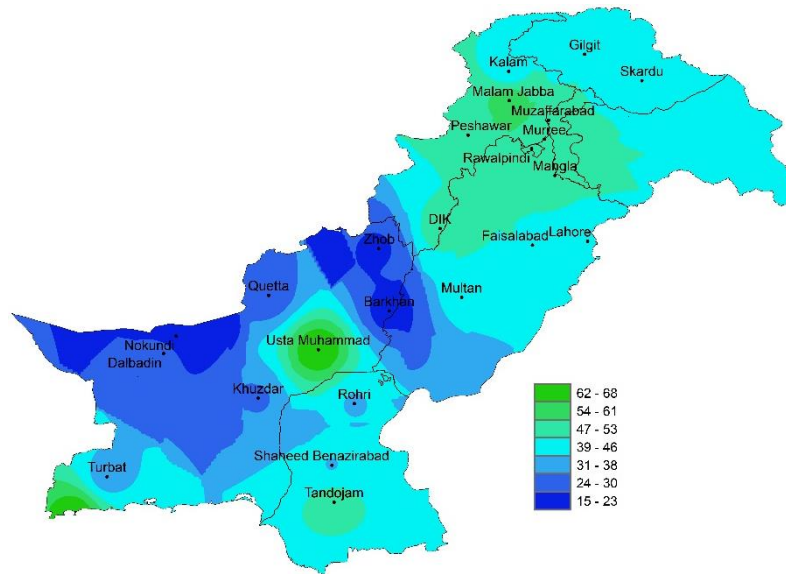


Departure of Minimum temperature (°C) during the

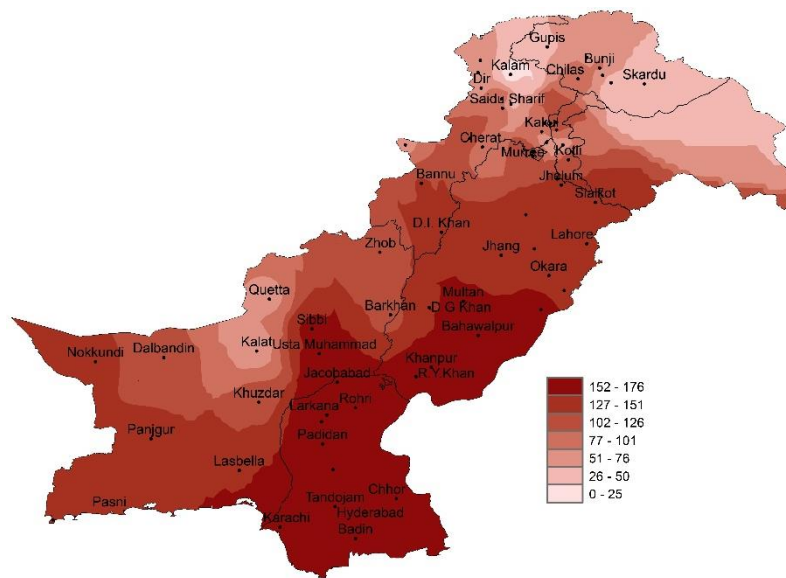
Previous week (01st – 07th April 2024)



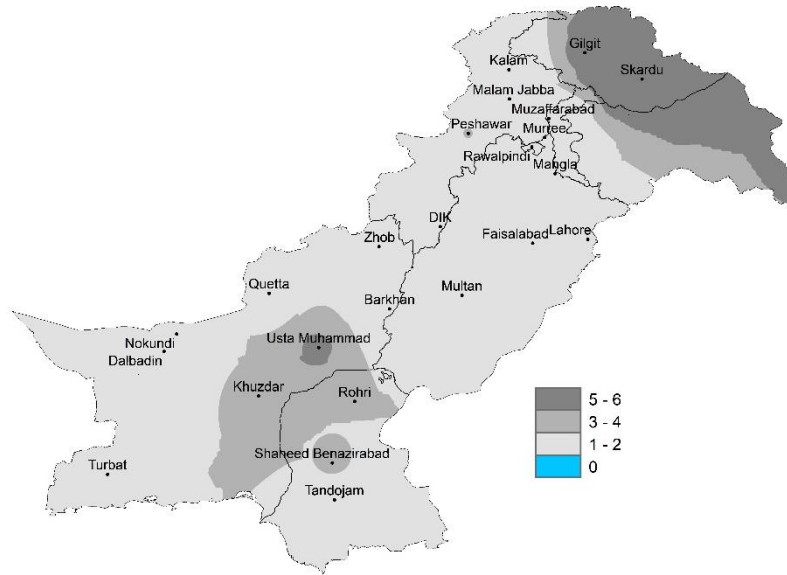
**Mean Relative Humidity (%) during the
Previous week (01st – 07th April 2024)**



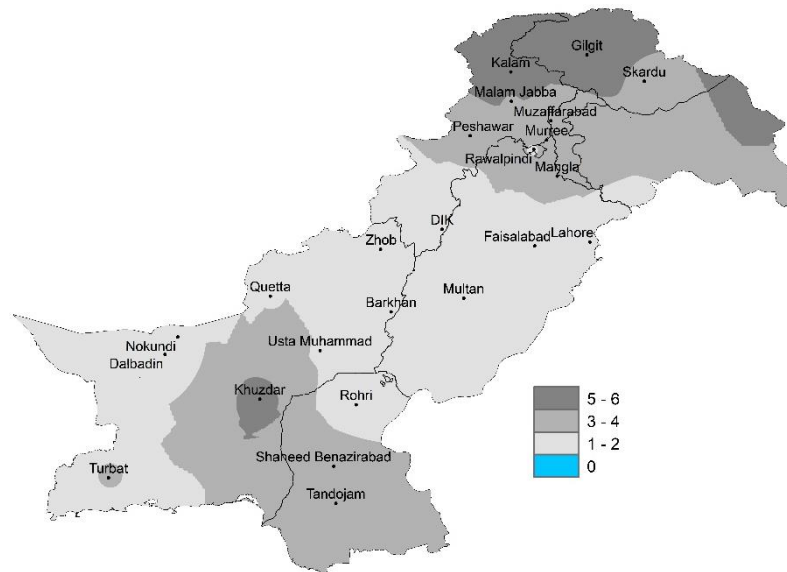
**Total Growing Degree Days accumulated during the
Previous week (01st – 07th April 2024)**



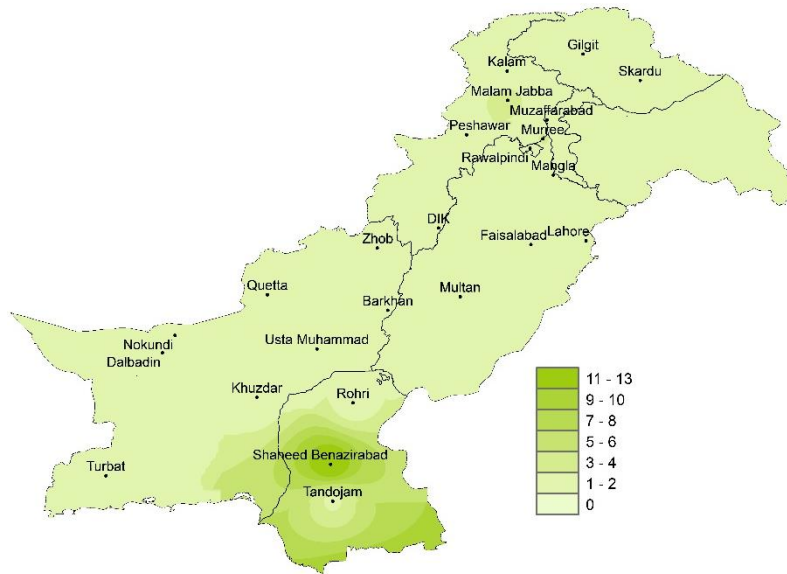
Mean Cloudiness (Octas) at 0800PST during the
Previous week (01st – 07th April 2024)



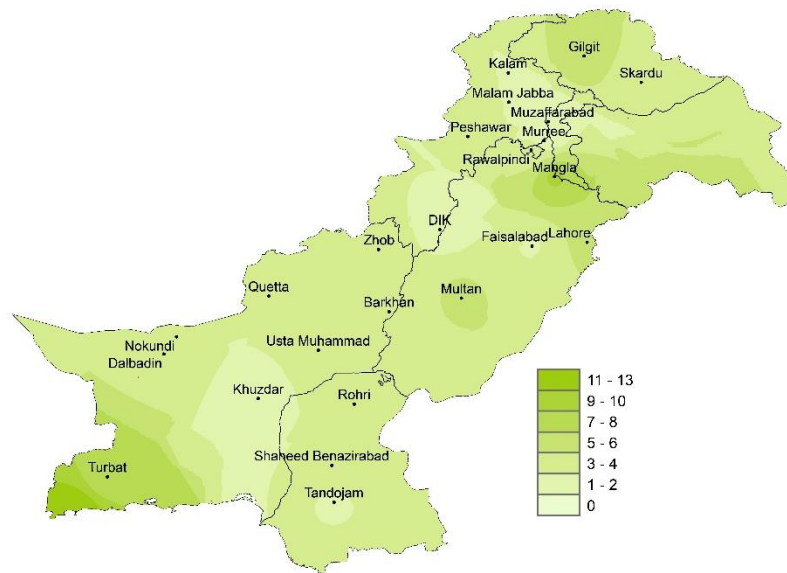
Mean Cloudiness (Octas) at 1700PST during the
Previous week (01st – 07th April 2024)



**Mean Wind Speed (Knots) at 0800PST during the
Previous week (01st – 07th April 2024)**

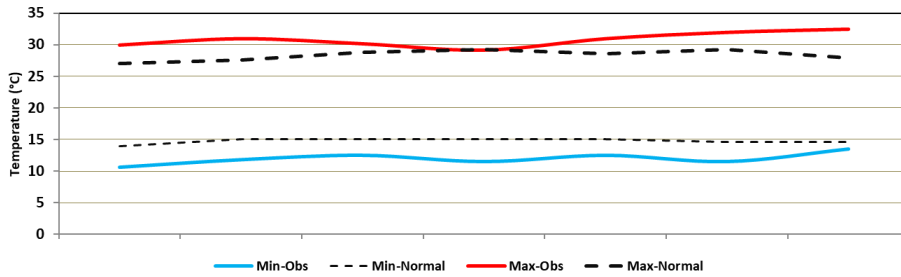


**Mean Wind Speed (Knots) at 1700PST during the
Previous week (01st – 07th April 2024)**

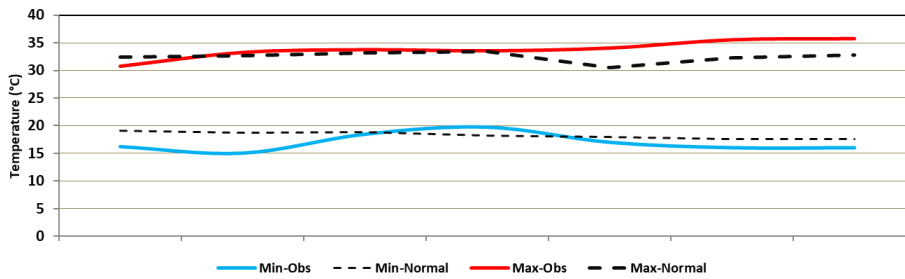


Comparison of temperatures for RAMCs (Minimum & Maximum with normal)
during the previous week (01st – 07th April 2024)

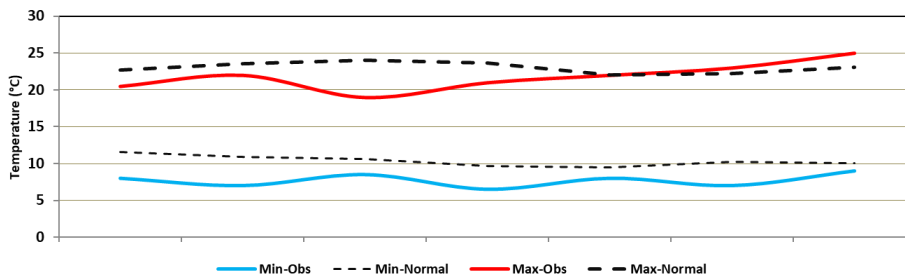
Rawalpindi (Min & Max Temperatures)



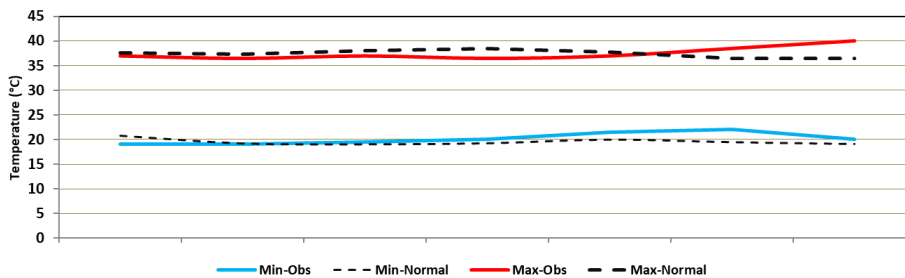
Faisalabad (Min & Max Temperatures)



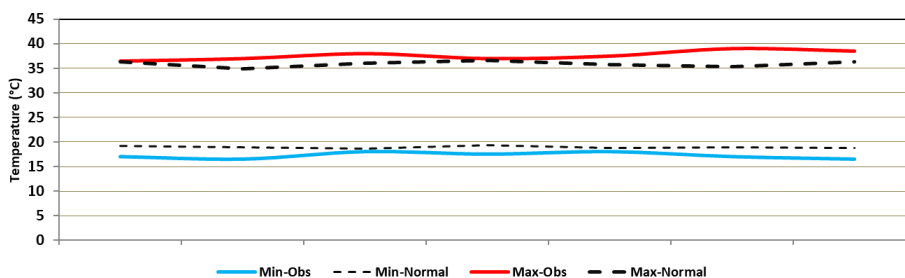
Quetta (Min & Max Temperatures)



Tandojam (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



Weekly Weather Advisory for Farmers**(08th – 14th April 2024)**

Continental air is prevailing over most parts of the country.

MONDAY**08-04-2024**

Mainly dry weather is expected in most parts of the country, while hot in plain areas. Temperatures are likely to increase gradually.

TUESDAY**09-04-2024**

Mainly dry weather is expected in most parts of the country, while hot in plain areas. Temperatures are likely to increase gradually.

WEDNESDAY**10-04-2024**

Mainly dry weather is expected in most parts of the country, while hot in plain areas. However, rain-wind/thunderstorm is expected at isolated places in upper Khyber-Pakhtunkhwa, Kashmir, Gilgit-Baltistan and Pothohar region.

THURSDAY**11-04-2024**

Mainly dry weather is expected in most parts of the country, while hot in plain areas. However, rain-wind thunderstorm is expected at isolated places in upper Khyber-Pakhtunkhwa, Kashmir, Gilgit Baltistan and Potohar region.

FRIDAY**12-04-2024**

Rain-windstorm/thunderstorm is expected in Balochistan, Khyber-Pakhtunkhwa, Potohar region, south Punjab, Kashmir and Gilgit Baltistan. Snow over high mountain is expected in northern areas. Rain/windstorm-thunderstorm is also expected at isolated places in Sindh.

SATURDAY**13-04-2024**

Widespread rain-windstorm/thunderstorm is expected in Khyber-Pakhtunkhwa and Balochistan. Isolated heavy falls is expected in Khyber-Pakhtunkhwa and Balochistan. Scattered rain-windstorm/thunderstorm is expected in Islamabad, Punjab, Gilgit-Baltistan, Kashmir, and upper Sindh. Hailstorm is also expected during the forecast period. Snowfall is also expected over high mountains in northern areas.

SUNDAY**14-04-2024**

Widespread rain-windstorm/thunderstorm is expected in Khyber-Pakhtunkhwa, Gilgit-Baltistan, Kashmir, Punjab, Balochistan. Isolated heavy falls is expected in Khyber-Pakhtunkhwa, Gilgit-Baltistan, Kashmir, upper Punjab, Balochistan. Rain-wind/thunderstorm are likely in upper Sindh. Hailstorm is also expected during the forecast period. Snowfall is also expected over high mountains in northern areas.

ADVISORY FOR FARMERS

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

National Weather Data of Selected Cities from (01st – 07th 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	18.3	17.0	146.8	50.0	0.0	1.8	1.3	1.0	1.0
Faisalabad	16.9	15.0	142.4	45.0	0.0	1.6	1.7	1.1	1.8
Gawadar	20.7	19.5	149.5	66.3	0.0	1.1	0.0	0.0	12.3
Gilgit	6.9	5.0	70.8	42.7	0.0	4.2	4.3	0.3	6.0
Kalam	-1.9	-4.0	13.3	39.4	32.0	0.0	4.9	0.0	2.0
Lahore	18.3	16.8	143.7	39.8	0.0	1.3	1.1	0.6	4.3
Malam Jabba	5.0	3.5	31.3	59.5	6.0	1.8	3.6	2.8	2.0
Mangla	14.3	12.8	126.5	49.7	0.0	1.4	2.9	0.9	8.6
Multan (PBO)	19.1	17.0	152.5	40.6	0.0	1.0	2.3	1.7	4.6
Murree	7.5	5.0	56.8	52.5	3.0	1.9	3.6	2.3	1.4
Muzaffarabad	10.7	9.5	105.5	49.8	7.5	1.6	2.7	0.0	0.0
Sh. Ben. Abad	18.6	17.0	167.8	37.8	0.0	2.6	3.3	12.7	3.4
Peshawar	14.5	14.0	122.5	47.9	1.0	2.4	2.7	1.4	2.3
Quetta	7.7	6.5	68.3	24.0	0.0	1.3	2.4	0.9	2.8
Rawalpindi	12.0	10.6	114.9	49.1	0.1	1.3	2.3	0.6	2.6
Rohri	21.8	21.0	172.3	37.1	0.0	2.4	1.7	0.6	4.0
Skardu	5.3	2.6	45.4	39.4	0.0	4.8	3.6	1.3	2.0
Tandojam	20.1	19.0	166.8	49.3	0.0	1.6	2.7	1.4	1.7
U.Muhammad	17.2	16.5	157.0	68.5	0.0	3.8	2.4	1.1	4.0
Zhob	22.1	21.5	172.8	21.4	0.0	0.3	1.3	1.0	3.6

*** Shows that data was not available.