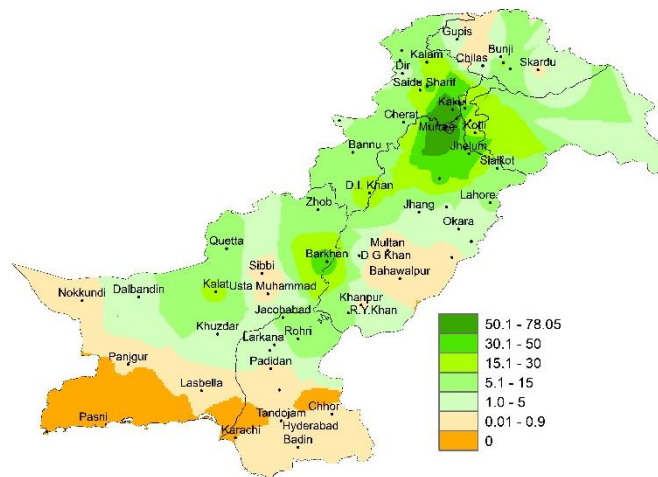


Weekly Weather and Crop Bulletin for Pakistan

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PAKISTAN METEOROLOGICAL
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Rainfall Distribution (mm) during the Previous Week (06th October 2023 – 12th November 2023)

Highlights of Past Weather (06th November 2023 – 12th November 2023)

- Moderate to heavy rainfall was reported from Punjab and Khyber Pakhtunkhwa
- Light to moderate rain was reported from GB and Kashmir
- Light rain was reported from few stations of Baluchistan and Sindh.
- Above-normal mean temperatures were observed in most parts of the country.

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Editor: Dr. Tariq Mahmood (Meteorologist)

Past Weather of Provinces (06th November 2023 – 12th November 2023)

Punjab

Moderate to heavy rain was reported from Punjab Province during last week. Weekly maximum and minimum temperatures recorded as 26.5°C & 15.0°C respectively. For the recent week on average 110.5 growing degree days were accumulated. Average relative humidity recorded as 70% and wind speed in the morning/evening recorded as 1.0/0.9 Knots. The Lowest minimum temperature was recorded as 2.0°C at Murree while the highest precipitation recorded as 79.3 mm from Rawalpindi.

Baluchistan

Light rainfall reported from few stations of Baluchistan province. Weekly maximum and minimum temperatures recorded as 27.9°C & 12.8°C respectively. For the recent week on average 107.5 growing degree days were accumulated. Average relative humidity recorded 48% and wind speed in the morning/evening recorded as 0.7/3.8 Knots. The lowest minimum temperature recorded as -2.0°C at Kalat. Highest precipitation recorded as 36.0 mm from Barkhan.

Khyber Pakhtunkhwa

Moderate to heavy rainfall was reported from KPK. Weekly maximum and minimum temperatures recorded as 22.0 °C & 8.8°C respectively. For the recent week on average 73.1 growing degree days were accumulated. Average relative humidity recorded as 74% and wind speed in the morning/evening recorded as 0.4/0.9 Knots. During the previous week the Lowest minimum temperature recorded as -2.0 °C at Kalam. The highest precipitation recorded as 59.0 mm from Malam Jabba.

Sindh

Light rain was reported from few stations of Sindh province. Weekly maximum and minimum temperatures recorded as 32.5°C & 18.8°C respectively. For the recent week, on average 144.1 growing degree days were accumulated. Average

relative humidity recorded as 62% and wind speed in the morning/evening recorded as 1.8/1.8 Knots. During the previous week the Lowest minimum temperature recorded as 12.0 °C at Chhor and Mithi while the highest rainfall recorded at 7.0mm at Rohri.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rain reported from Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 19.4°C & 5.2°C respectively. For the recent week on average 50.8 growing degree days were accumulated. Average relative humidity recorded as 68% and wind speed in the morning/evening recorded as 0.4/0.7 Knots. During the previous week the highest precipitation was recorded as 43.0 mm at Garhi Dupatta while the highest minimum temperature recorded as -3.0°C at Skardu.

Past Weather for Major Agricultural Plains (06th November 2023 – 12th November 2023)

Rawalpindi (Potohar region)

Rainfall reported as 79.3mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 3.3/3.9 Oktas while, average relative humidity observed as 76.5%. Mean minimum time temperature was recorded as 10.5°C and for the recent week 92.8 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.0/0.2 Knots. The Lowest minimum temperature was recorded as 8.7°C.

Faisalabad (Central Punjab)

Rainfall reported as 4.2mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 4.2/1.3 Oktas while, average relative humidity observed as 76.5%. Mean minimum time temperature recorded as 16.0°C & for the recent week 116.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.1/0.2 Knots. The lowest minimum temperature was recorded as 12.2°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, cloudiness in the morning/evening recorded as 0.6/0.3 Oktas, while average relative humidity observed as 63.6%. Mean minimum time

temperature recorded as 18.1°C & for the recent week 140.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/1.1 Knots. Lowest minimum temperature was recorded as 15.0°C.

Usta Muhammad (Eastern Baluchistan)

Rainfall reported as 0.01 (trace)mm from Usta Muhammad during the week; however, cloudiness in the morning/evening recorded as 1./0.7, average relative humidity observed as 61.5%. Mean minimum time temperature recorded as 16.8°C & for the recent week 138.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.8/2.0 Knots. The lowest minimum temperature was recorded as 16.5°C.

Quetta (Northern Baluchistan)

Rainfall reported as 5.8mm from Quetta during the week; however, cloudiness in the morning/evening recorded as 3.1/2.2 Oktas while, average relative humidity observed as 52.0%. Mean minimum time temperature recorded as 6.9°C & for the recent week 56.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.5/2.6 Knots. The lowest minimum temperature was recorded as 2.5°C.

Past Weather for Sub-Regional Agricultural Plains (06th November 2023 – 12th November 2023)

Multan

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 2.0/0.4 Oktas. Average relative humidity observed as 69.4%. Mean minimum time temperature recorded as 16.7°C & for the recent week 121.6 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/1.1 Knots.

Lahore

Rainfall reported as 5.4mm from Lahore during the week; however, cloudiness in the morning/evening recorded as 1.0/2.1 Oktas, average relative humidity observed as 75.2%. Mean minimum time temperature recorded as 15.3°C & for the recent week 108.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

Zhob

Rainfall reported as 6.0mm from Zhob during the week; however, cloudiness in the morning/evening recorded as 1.1/3.1 Oktas while, average relative humidity observed as 47.8%. Mean minimum time temperature recorded as 10.4°C & for the recent week 87.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.0/3.7 Knots.

Murree

Rainfall reported as 56.0mm from Murree during the week; however, cloudiness in the morning/evening recorded as 3.7/3.6 Oktas while, average relative humidity observed as 65.4%. Mean minimum time temperature recorded as 6.1°C & for the recent week 40.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.3/0.6 Knots.

D.I. Khan

Rainfall reported as 18.0mm from DI Khan during the week; however, cloudiness in the morning/evening recorded as 3.1/2.1 Oktas while average relative humidity observed as 78.4%. Mean minimum time temperature recorded as 16.1°C & for the recent week 116.0 growing degree days accumulated. Calm Wind recorded in the morning/evening.

Peshawar

Rainfall reported as 6.4 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 3.3/4.0 Oktas while, average relative humidity observed as 82.9%. Mean minimum time temperature was recorded as 13.4°C & for the recent week 101.4 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Kalam

Rainfall reported as 17.0mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 4.4/3.6 Oktas while, average relative humidity observed as 57.1%. Mean minimum time temperature recorded as -0.4 °C & for the recent week 18.0 growing degree days accumulated. Calm Wind recorded in the morning/evening.

Gilgit

Dry Weather reported from Gilgit during the week, cloudiness in the morning/evening recorded as 5.0/3.9 Oktas while, average relative humidity observed as 68.4%. Mean minimum time temperature recorded as 2.5°C & for the recent week 44.9 growing degree days accumulated. Calm Wind recorded in the morning/evening.

Skardu

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 4.4/4.0 Oktas while, average relative humidity observed as 57.1%. Mean minimum time temperature recorded as -1.6°C & for the recent week 10.5 growing degree days accumulated. Calm Wind recorded 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)

Cotton crop is harvested on 30-10-2023. Land is prepared for a new crop.

Lower Sindh (Tandojam)

Land is prepared for a new crop.

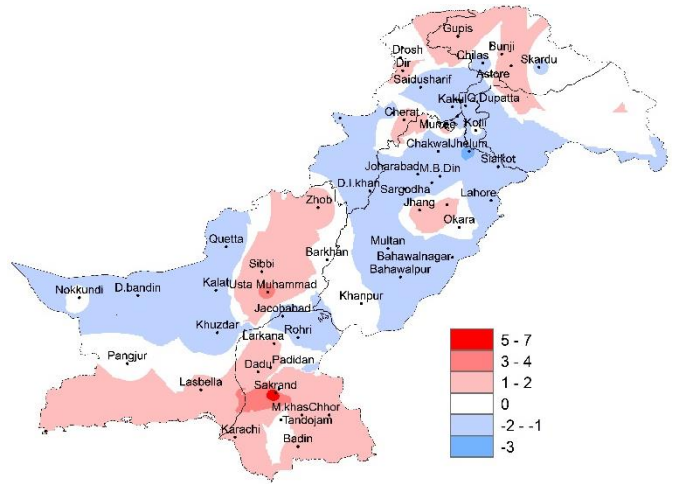
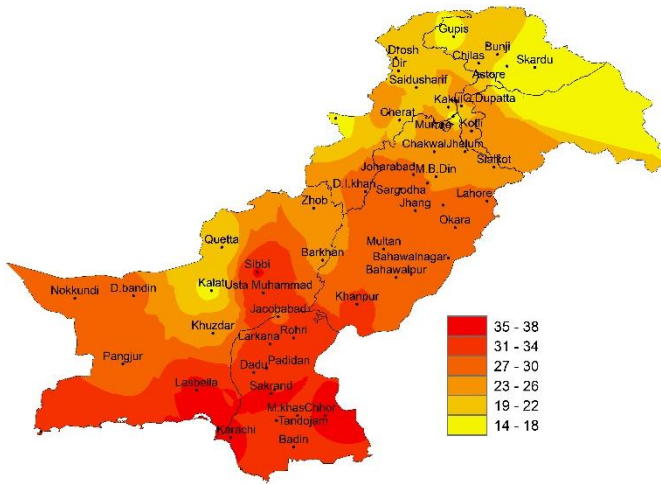
Northern Baluchistan (Quetta)

There is presently no crop grown in the fields of Quetta (Sariab).

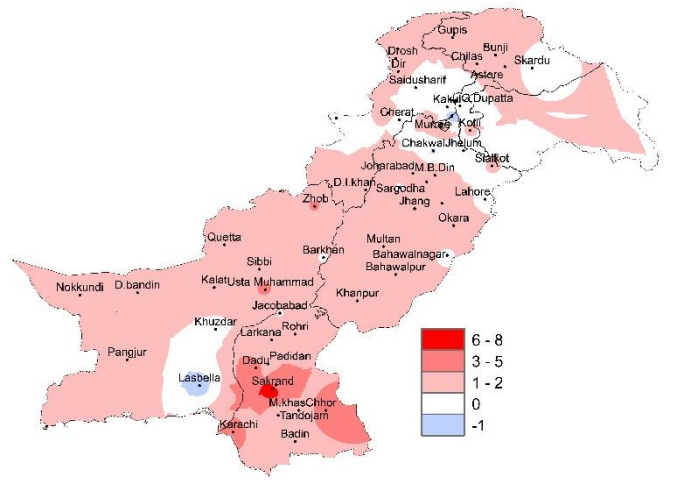
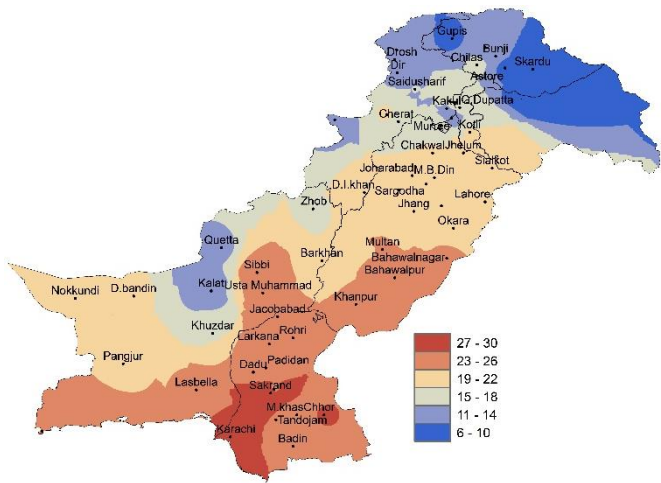
Eastern Baluchistan (Usta Muhammad)

Rice crops are grown in the fields.
Condition: *Good*.

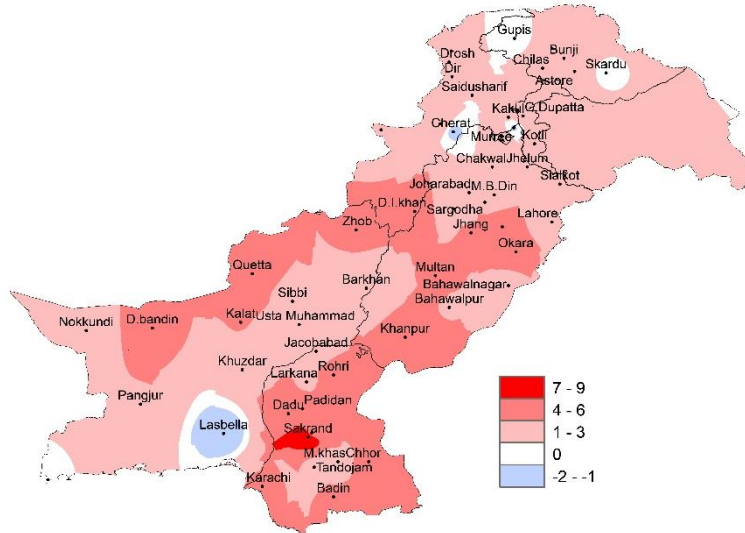
Actual & Departure of Maximum temperature (°C) for the Previous week (06th November 2023 – 12th November 2023)



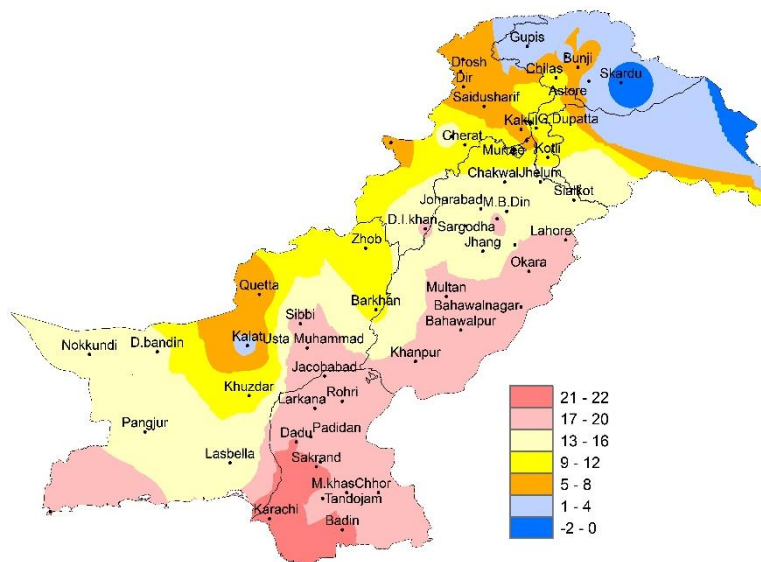
Actual & Departure of Mean temperature (°C) for the Previous week (06th November 2023 – 12th November 2023)



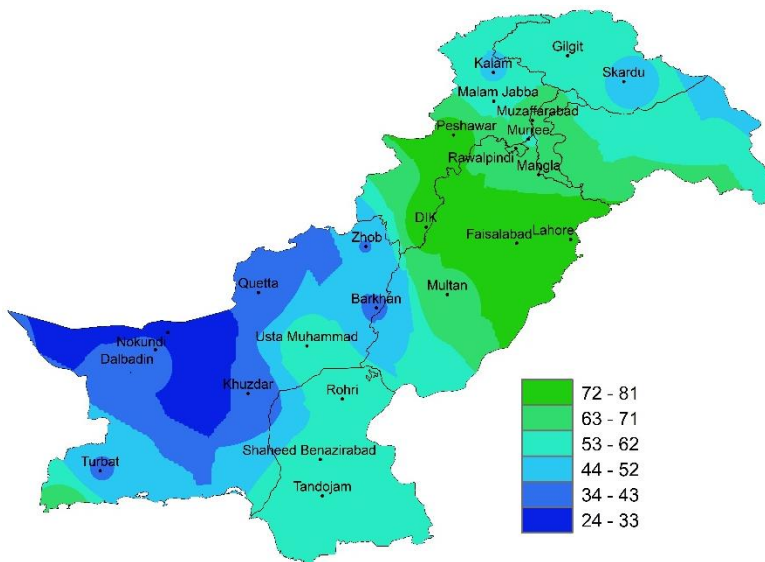
Departure of Minimum temperature (°C) the
Previous week (06th November 2023 – 12th November 2023)



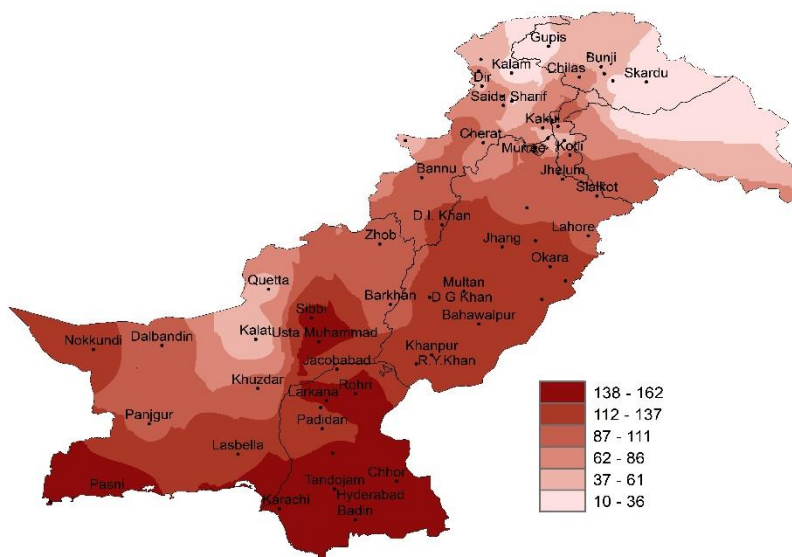
Actual Minimum temperature (°C) during the
Previous week (06th November 2023 – 12th November 2023)



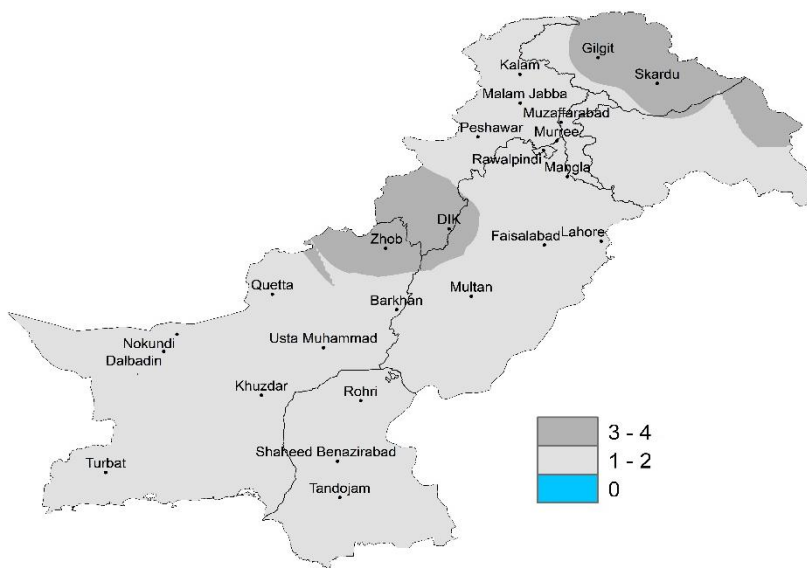
**Mean Relative Humidity (%) during the
Previous week (06th November 2023 – 12th November 2023)**



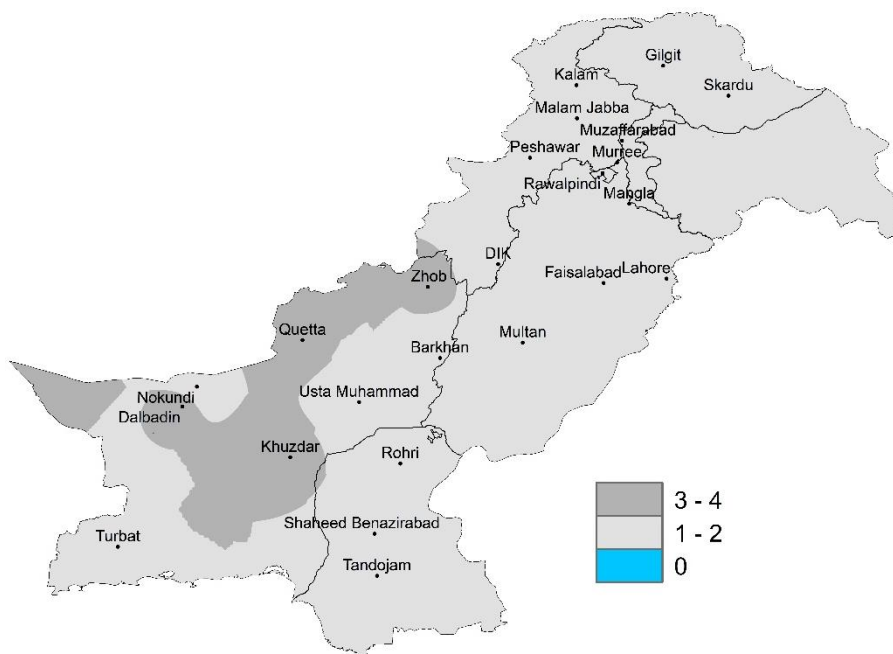
**Total Growing Degree Days accumulated during the
Previous week (06th November 2023 – 12th November 2023)**



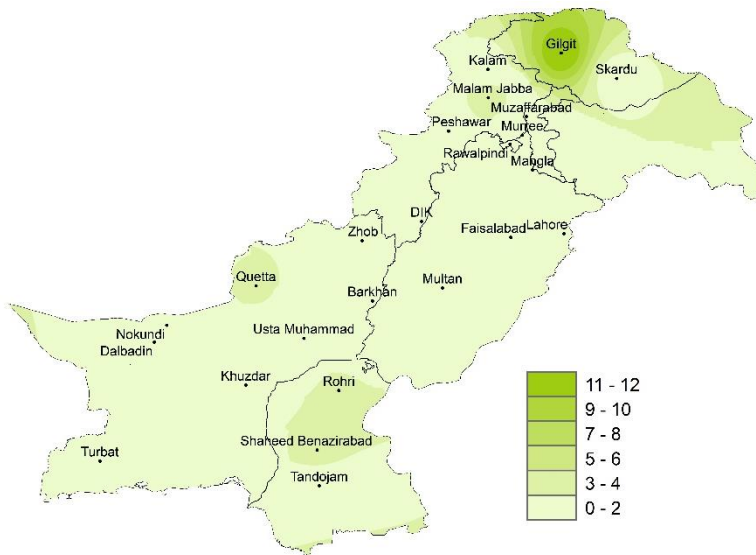
**Mean Cloudiness (Octas) at 0800PST during the
Previous week (06th November 2023 – 12th November 2023)**



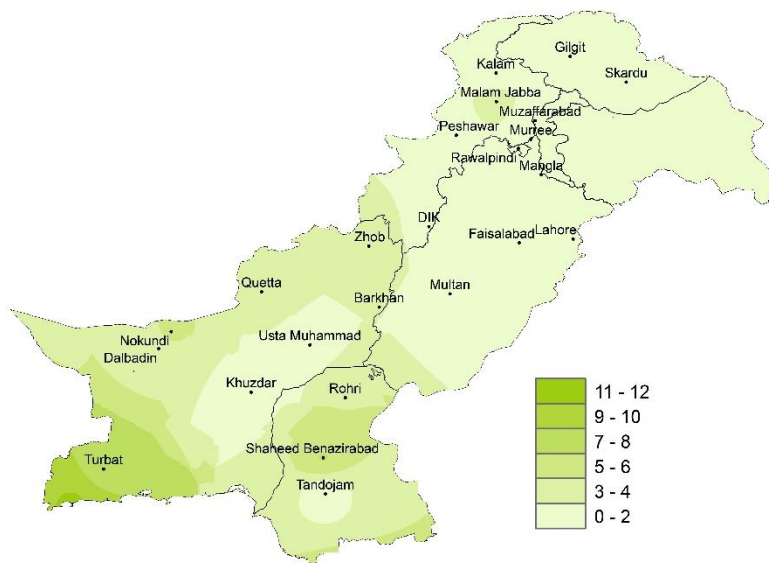
**Mean Cloudiness (Octas) at 1700PST during the
Previous week (06th November 2023 – 12th November 2023)**



**Mean Wind Speed (Knots) at 0800PST during the
Previous week (06th November 2023 – 12th November 2023)**



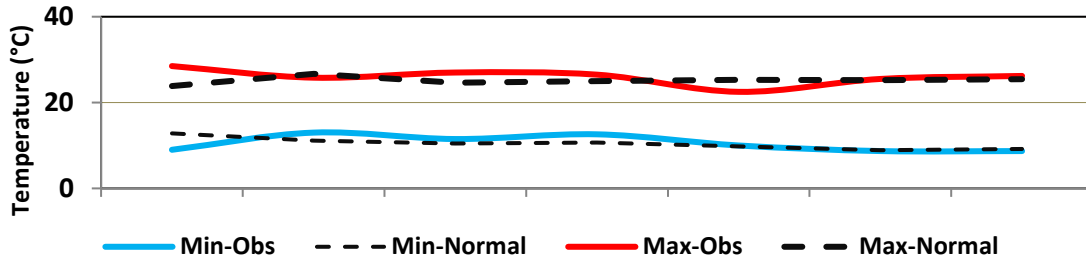
**Mean Wind Speed (Knots) at 1700PST during the
Previous week (06th November 2023 – 12th November 2023)**



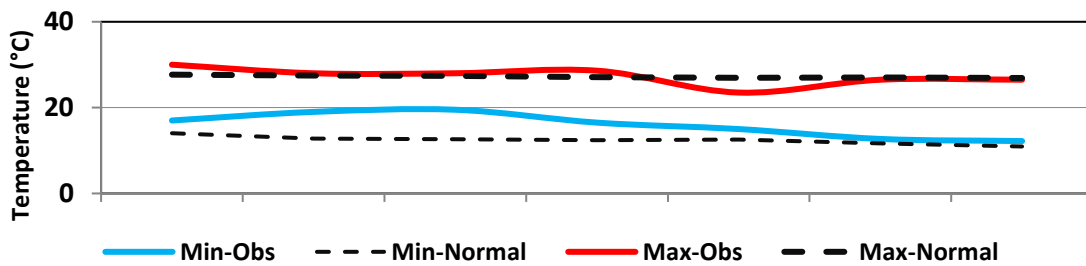
Comparison of temperatures for RAMCs (Minimum & Maximum with normal)

during the previous week (06th November 2023 – 12th November 2023)

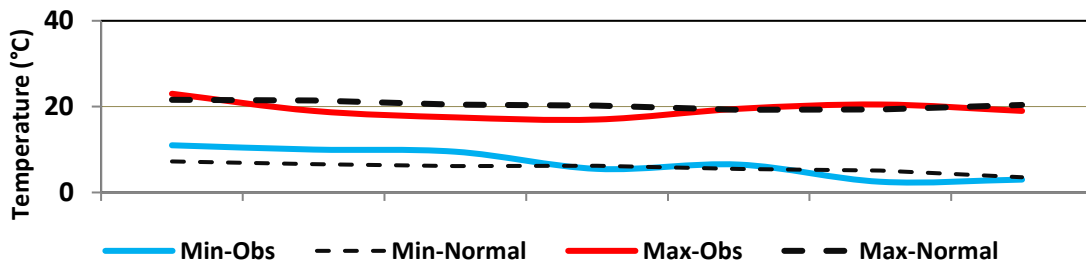
Rawalpindi (Min & Max Temperatures)



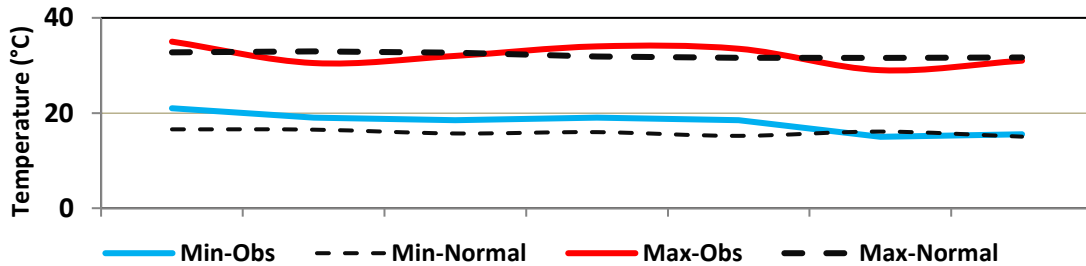
Faisalabad (Min & Max Temperatures)



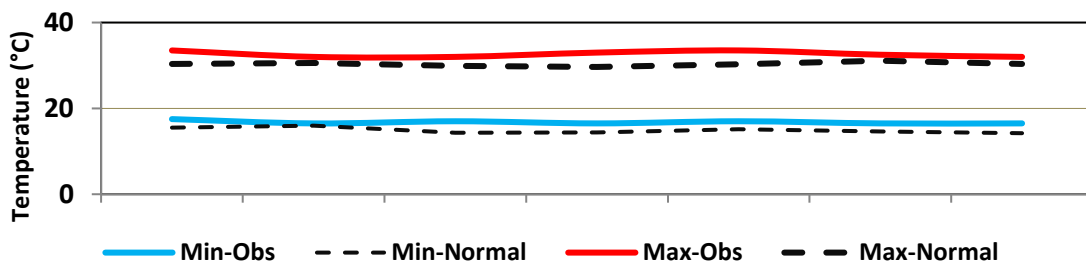
Quetta (Min & Max Temperatures)



Tandojam (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers (13th
November 2023 – 19th November 2023)**

ADVISORY FOR FARMERS

Continental air is likely to prevail over most parts of the country during the week.

13-11-2023

MONDAY

Mainly dry weather is expected in most parts of the country, while cold in upper parts.

TUESDAY

14-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. Fog is likely to occur at a few places in plain areas of Punjab, upper Sindh and Khyber Pakhtunkhwa during morning hours.

15-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. Fog/smog is likely to occur in plain areas of Punjab, upper Sindh and Khyber Pakhtunkhwa during morning and night hours.

THURSDAY

16-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. Fog/smog is likely to occur in plain areas of Punjab, upper Sindh and Khyber Pakhtunkhwa during morning and night hours.

FRIDAY

17-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. However, rain-thunderstorm is expected at isolated places in western Baluchistan. Fog/smog is likely to occur in plain areas of Punjab, upper Sindh and Khyber Pakhtunkhwa during morning and night hours.

SATURDAY

18-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. Fog/smog is likely to occur in plain areas of Punjab, upper Sindh and Khyber Pakhtunkhwa during morning and night hours.

SUNDAY

19-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. Fog/smog is likely to occur in plain areas of Punjab, upper Sindh and Khyber Pakhtunkhwa during morning and night hours.

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

National Weather Data of Selected Cities from (06th November 2023 – 12th November 2023)

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	16.1	13.5	116.0	78.4	18.0	3.1	2.1	0.0	0.0
Faisalabad	16.0	12.2	116.5	76.5	4.2	1.3	1.9	0.1	0.2
Gawadar	18.5	15.5	147.0	59.3	0.0	1.0	1.4	0.0	7.1
Gilgit	2.5	0.0	44.9	68.4	0.0	5.0	3.9	0.6	0.0
Kalam	-0.4	-2.0	18.0	57.1	17.0	4.4	3.6	0.0	0.0
Khuzdar	11.1	10.5	92.0	36.6	2.6	0.9	1.4	0.0	0.6
Lahore	15.3	13.2	108.3	75.2	5.4	1.0	2.1	0.0	0.9
Malam Jabba	4.6	3.0	27.3	65.5	39.0	4.1	4.0	1.4	1.4
Mangla	12.7	11.7	102.9	75.5	45.0	1.6	2.0	1.1	1.7
Multan (PBO)	16.7	11.7	121.6	69.4	0.0	2.0	0.4	0.6	1.1
Murree	6.1	2.0	40.3	65.4	56.0	3.7	3.6	2.3	0.6
Muzaffarabad	9.7	8.3	79.9	70.5	38.3	2.9	3.6	0.0	1.1
Sh. Ben. Abad	17.9	14.0	140.8	60.2	0.0	0.3	1.1	2.6	4.3
Peshawar	13.4	11.0	101.4	82.9	6.4	3.3	4.0	0.0	0.6
Quetta	6.9	2.5	56.8	52.0	5.8	3.1	2.2	1.5	2.6
Rawalpindi	10.5	8.7	92.8	76.5	79.3	3.3	3.9	0.0	0.2
Rohri	19.7	15.5	140.5	62.5	7.0	0.3	0.0	1.7	0.0
Skardu	-1.6	-3.0	10.5	57.1	0.0	4.4	4.0	0.0	0.0
Tandojam	18.1	15.0	140.8	63.6	0.0	0.6	0.3	1.1	1.1
Usta.M	16.8	16.5	138.0	61.5	0.0	1.2	0.7	0.8	2.0
Zhob	10.4	9.5	87.8	47.8	6.0	1.1	3.1	2.0	3.7

*** Shows that data was not available.