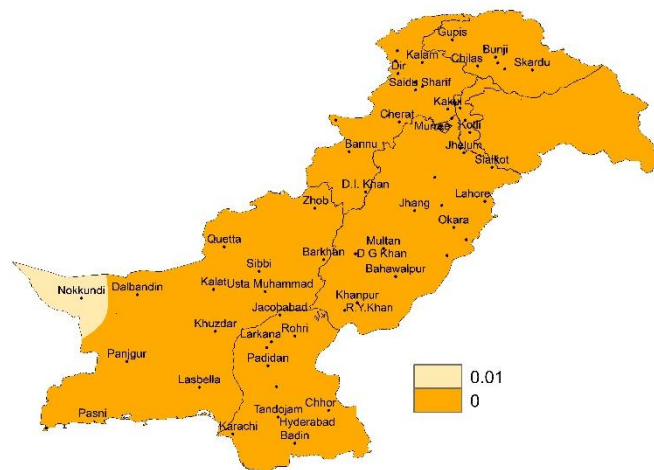


Weekly Weather and Crop Bulletin for Pakistan

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PAKISTAN METEOROLOGICAL
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Rainfall Distribution (mm) during the Previous Week (30th October 2023 – 05th November 2023)

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Highlights of Past Weather (13th November 2023 – 19th November 2023)

- Dry weather reported from all the provinces of the country.
- Trace amount of rainfall recorded from Nokkundi.
- Above-normal mean temperatures were observed in most parts of the country.

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

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

Editor: Dr. Tariq Mahmood (Meteorologist)

Past Weather of Provinces (13th November 2023 – 19th November 2023)

Punjab

Dry weather reported from Punjab Province throughout the last week. Weekly maximum and minimum temperatures recorded as 26.4°C & 11.9°C respectively. For the recent week on average 99.0 growing degree days were accumulated. Average relative humidity recorded as 63% and wind speed in the morning/evening recorded as 0.4/0.2 Knots. The Lowest minimum temperature was recorded as 6.0°C at Murree.

Baluchistan

Dry weather reported from Baluchistan province whereas trace (0.01 mm) amount of rainfall reported from Nokkundi. Weekly maximum and minimum temperatures recorded as 27.2°C & 11.0°C respectively. For the recent week on average 98.1 growing degree days were accumulated. Average relative humidity recorded 45% and wind speed in the morning/evening recorded as 0.8/3.8 Knots. The lowest minimum temperature recorded as -1.0°C at Kalat.

Khyber Pakhtunkhwa

Dry weather reported from KPK. Weekly maximum and minimum temperatures recorded as 22.7 °C & 7.1°C respectively. For the recent week on average 68.9 growing degree days were accumulated. Average relative humidity recorded as 66% and wind speed in the morning/evening recorded as 1.1/1.1 Knots. During the previous week the Lowest minimum temperature recorded as -2.0 °C at Kalam.

Sindh

Dry weather is reported from Sindh province. Weekly maximum and minimum temperatures recorded as 29.3°C & 15.1°C respectively. For the recent week, on average 121.0 growing degree days were accumulated. Average relative humidity recorded as 63% and wind speed in the morning/evening recorded as 1.8/3.3 Knots. During the previous week the Lowest minimum temperature recorded as 10.0 °C at Mithi.

Gilgit-Baltistan and Azad Jammu & Kashmir

Dry weather reported from Kashmir. Weekly maximum and minimum temperatures recorded as 19.1°C & 3.6°C respectively. For the recent week on average 44.6 growing degree days were accumulated. Average relative humidity recorded as 66% and wind speed in the morning/evening recorded as 0.1/1.8 Knots. The highest minimum temperature recorded as -5.6°C at Skardu.

Past Weather for Major Agricultural Plains (13th November 2023 – 19th November 2023)

Rawalpindi (Potohar region)

Dry weather from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 1.6/2.4 Oktas while, average relative humidity observed as 74.1%. Mean minimum time temperature was recorded as 8.2°C and for the recent week 86.4 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.0/0.3 Knots. The Lowest minimum temperature was recorded as 7.5°C.

Faisalabad (Central Punjab)

Dry weather reported from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 2.0/2.4 Oktas while, average relative humidity observed as 73.5%. Mean minimum time temperature recorded as 11.6°C & for the recent week 99.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.2 Knots. The lowest minimum temperature was recorded as 11.0°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, cloudiness in the morning/evening recorded as 1.4/1.7 Oktas, while average relative humidity observed as 67.1%. Mean minimum time temperature recorded as 13.6°C & for the recent week 112.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/1.1 Knots. Lowest minimum temperature was recorded as 12.5°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported from Usta Muhammad during the week; however, cloudiness in the morning/evening recorded as 0.0/0.5 Oktas, average relative humidity observed as 65.5%. Mean minimum time temperature recorded as 12.9°C &

for the recent week 112.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.2/0.2 Knots. The lowest minimum temperature was recorded as 12.0°C.

Quetta (Northern Baluchistan)

Dry weather reported from Quetta during the week; however, cloudiness in the morning/evening recorded as 2.7/1.8 Oktas while, average relative humidity observed as 38.0%. Mean minimum time temperature recorded as 5.7°C & for the recent week 57.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/2.8 Knots. The lowest minimum temperature was recorded as 4.0°C.

Past Weather for Sub-Regional Agricultural Plains (13th November 2023 – 19th November 2023)

Multan

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 1.6/1.9 Oktas. Average relative humidity observed as 68.4%. Mean minimum time temperature recorded as 12.3°C & for the recent week 102.2 growing degree days accumulated. Wind speed recorded as calm in the morning/evening.

Lahore

Dry weather reported from Lahore during the week; however, cloudiness in the morning/evening recorded as 0.8/1.1 Oktas, average relative humidity observed as 67.6%. Mean minimum time temperature recorded as 13.3°C & for the recent week 104.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

Zhob

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 0.6/0.6 Oktas while, average relative humidity observed as 34.1%. Mean minimum time temperature recorded as 8.2°C & for the recent week 76.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.0/3.7 Knots.

Murree

Dry weather reported from Murree during the week; however, cloudiness in the morning/evening recorded as 2.0/2.1 Oktas while, average relative humidity observed as 52.6%. Mean minimum time

temperature recorded as 6.8°C & for the recent week 49.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/0.3 Knots.

D.I. Khan

Dry weather reported from DI Khan during the week; however, cloudiness in the morning/evening recorded as 1.1/1.1 Oktas while average relative humidity observed as 72.6%. Mean minimum time temperature recorded as 13.3°C & for the recent week 106.0 growing degree days accumulated. Wind speed recorded as calm in the morning/evening.

Peshawar

Dry weather reported from Peshawar during the week; however, cloudiness in the morning/evening recorded as 1.9/3.0 Oktas while, average relative humidity observed as 75.0%. Mean minimum time temperature was recorded as 9.3°C & for the recent week 86.8 growing degree days accumulated. Wind speed recorded as calm in the morning/evening.

Kalam

Dry weather reported from Kalam during the week; however, cloudiness in the morning/evening recorded as 0.9/2.3 Oktas while, average relative humidity observed as 54.1%. Mean minimum time temperature recorded as -1.3 °C & for the recent week 20.9 growing degree days accumulated. 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 2.1/2.6 Oktas while, average relative humidity observed as 67.1%. Mean minimum time temperature recorded as 0.1°C & for the recent week 37.1 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/7.1 Knots.

Skardu

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 2.4/1.3 Oktas while, average relative humidity observed as 54.1%. Mean minimum time temperature recorded as -3.7°C & for the recent week 1.0 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)

Cotton crop is harvested. Land is prepared for the new crop.

Lower Sindh (Tandojam)

Cotton crop is harvested on 31-10-2023. Land is prepared for the new crop.

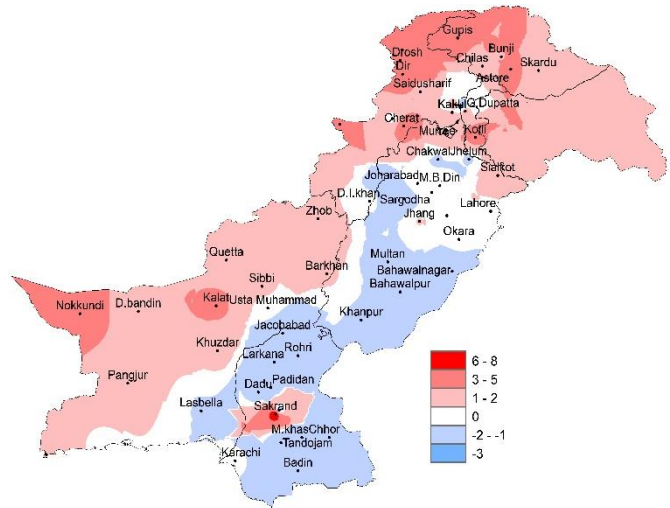
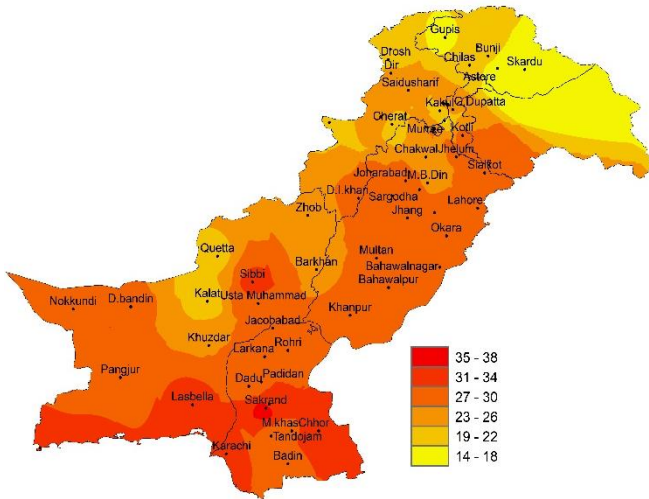
Northern Baluchistan (Quetta)

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

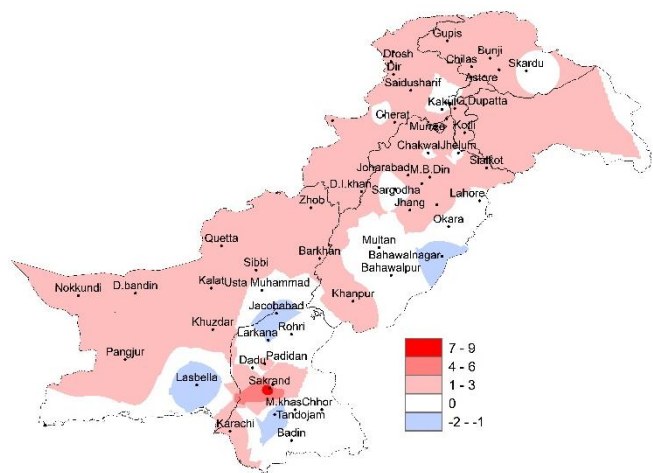
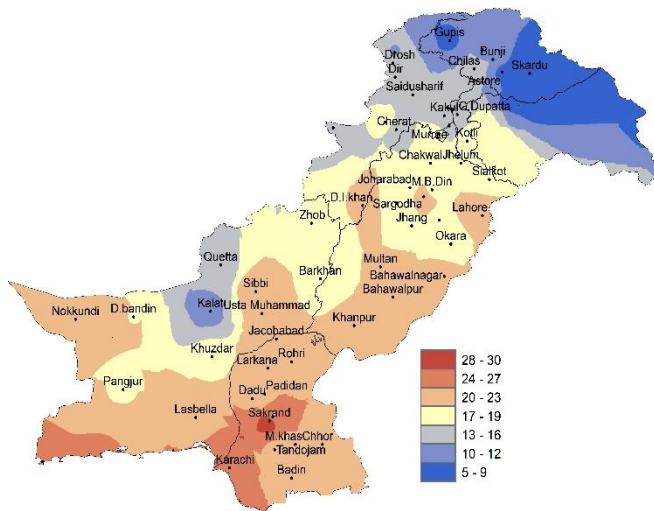
Eastern Baluchistan (Usta Muhammad)

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

Actual & Departure of Maximum temperature (°C) for the Previous week (13th November 2023 – 19th November 2023)

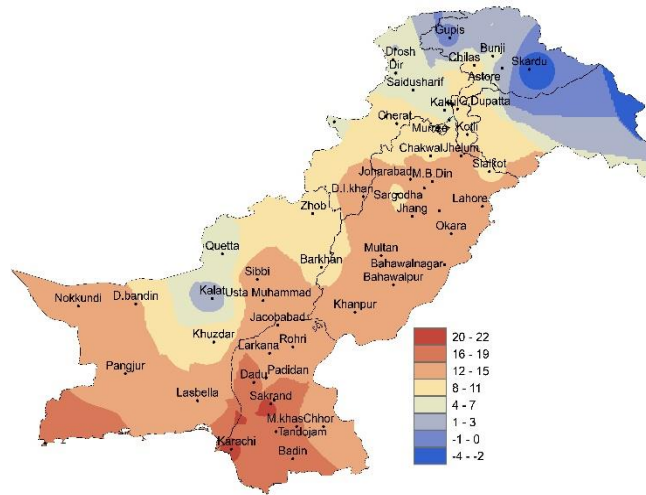


Actual & Departure of Mean temperature (°C) for the Previous week (13th November 2023 – 19th November 2023)



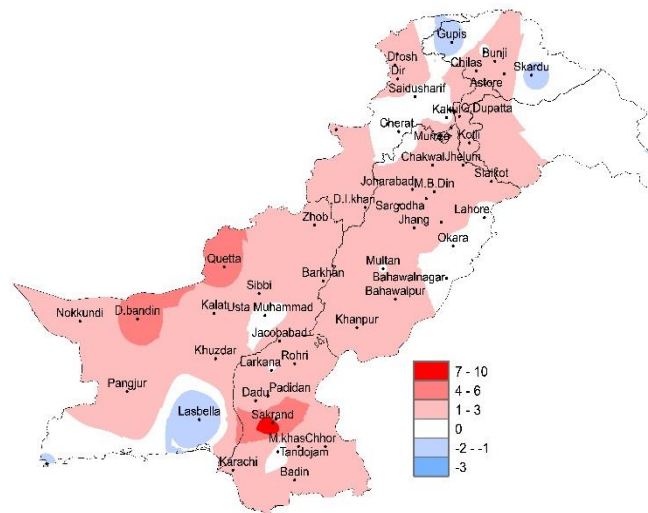
Departure of Minimum temperature (°C) the

Previous week (13th November 2023 – 19th November 2023)

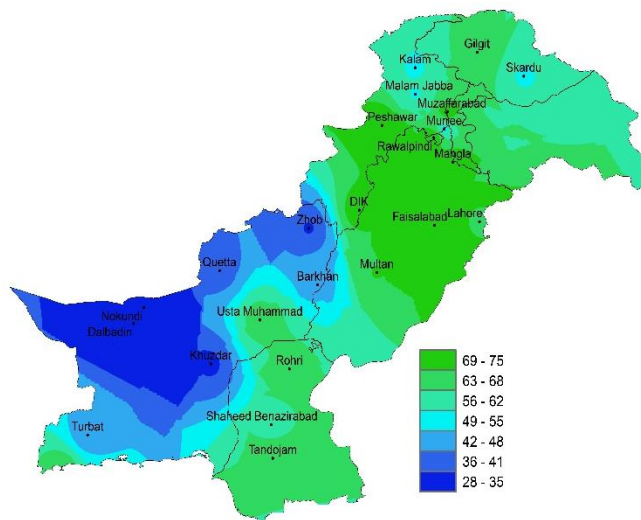


Actual Minimum temperature (°C) during the

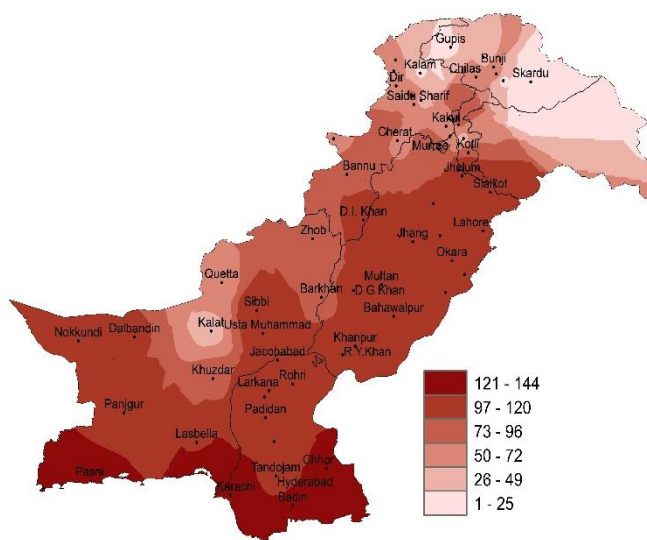
Previous week (13th November 2023 – 19th November 2023)



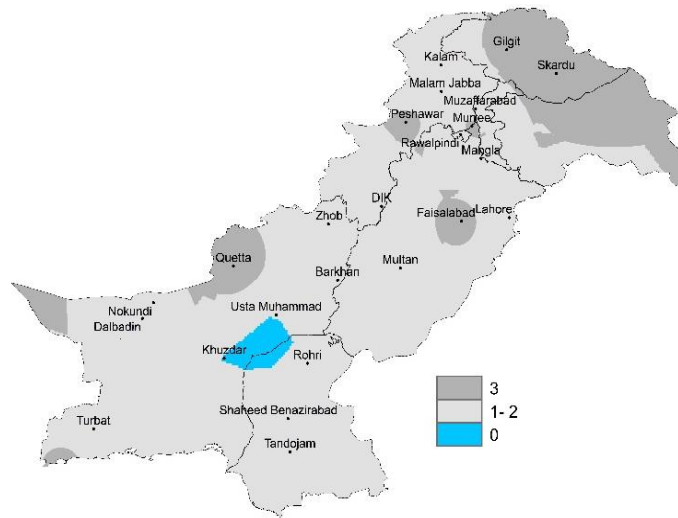
**Mean Relative Humidity (%) during the
Previous week (13th November 2023 – 19th November 2023)**



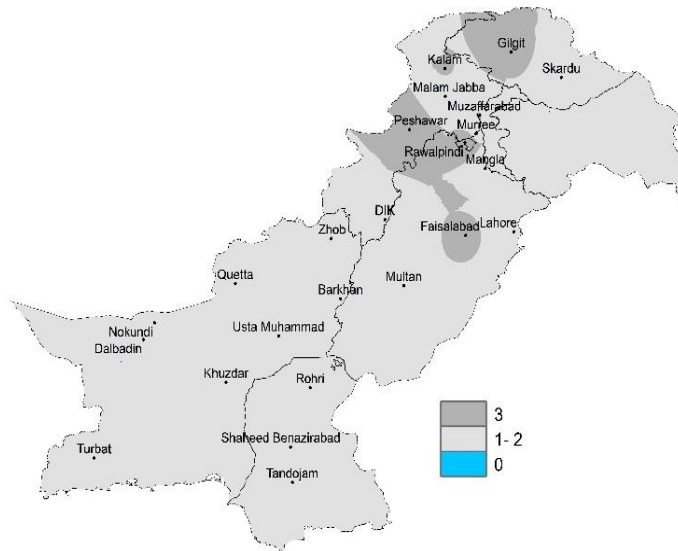
**Total Growing Degree Days accumulated during the
Previous week (13th November 2023 – 19th November 2023)**



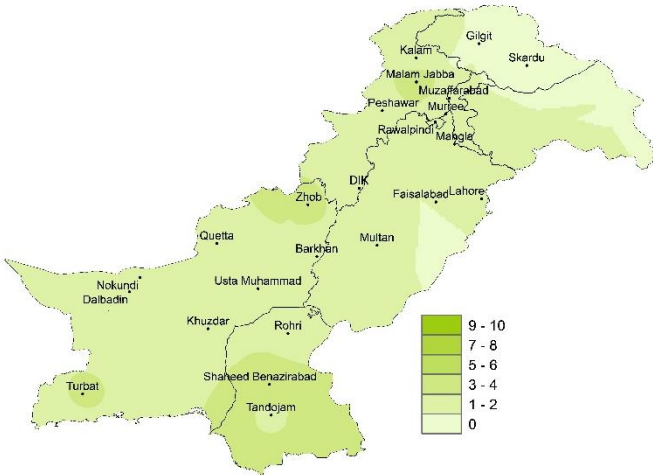
Mean Cloudiness (Octas) at 0800PST during the
Previous week (13th November 2023 – 19th November 2023)



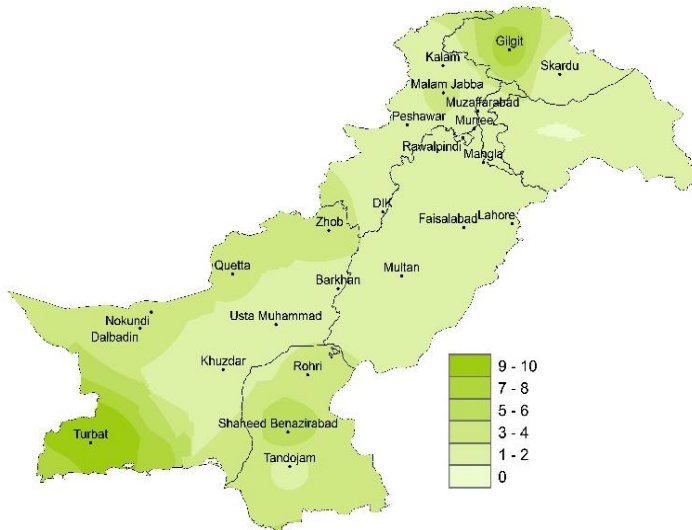
Mean Cloudiness (Octas) at 1700PST during the
Previous week (13th November 2023 – 19th November 2023)



**Mean Wind Speed (Knots) at 0800PST during the
Previous week (13th November 2023 – 19th November 2023)**

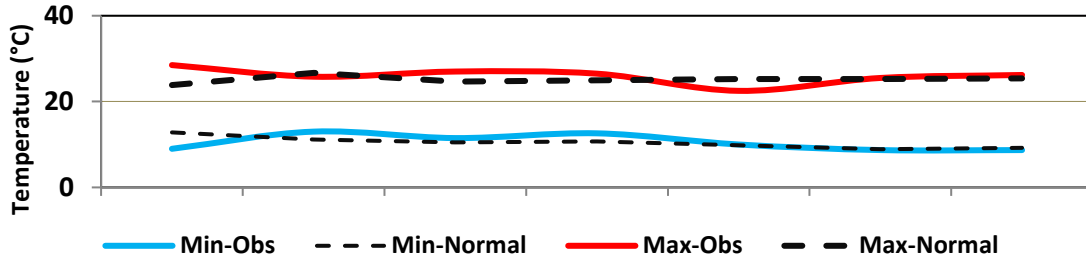


**Mean Wind Speed (Knots) at 1700PST during the
Previous week (13th November 2023 – 19th November 2023)**

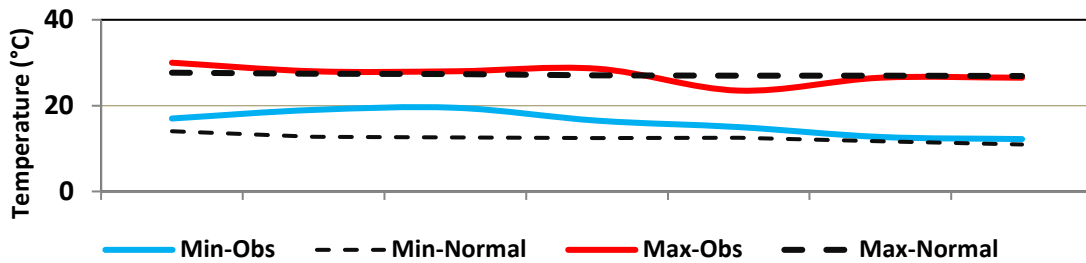


Comparison of temperatures for RAMCs (Minimum & Maximum with normal) during the previous week (13th November 2023 – 19th November 2023)

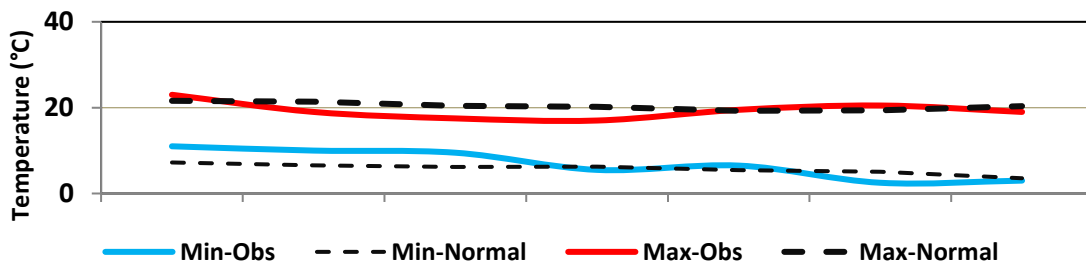
Rawalpindi (Min & Max Temperatures)



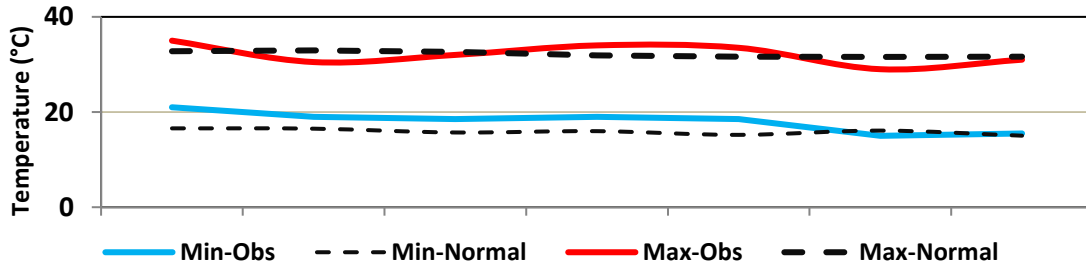
Faisalabad (Min & Max Temperatures)



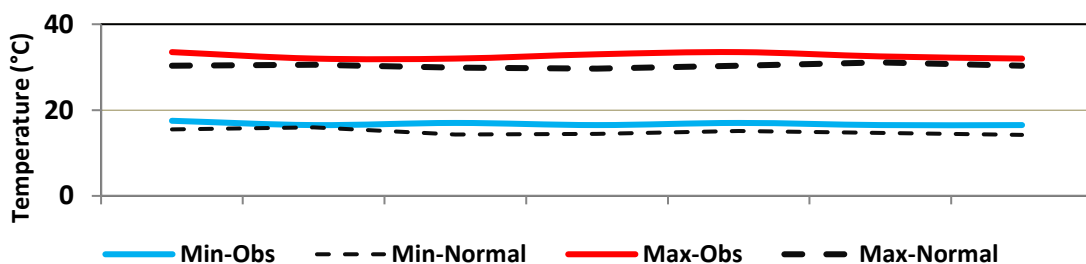
Quetta (Min & Max Temperatures)



Tandojam (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers (20th
November 2023 – 26th November 2023)**

Continental air is prevailing over most parts of the country.

20-11-2023

MONDAY

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

TUESDAY

21-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. Fog/smog is likely to develop in plain areas of Punjab during morning hours.

22-11-2023

Mainly dry weather is expected in most parts of the country, while cold & partly cloudy in upper parts. Fog/smog is likely to occur in plain areas of Punjab during morning hours.

THURSDAY

23-11-2023

Mainly dry weather is expected in most parts of the country, while cloudy with chances of rain (light snowfall over mountains) is likely in Gilgit Baltistan, upper Khyber Pakhtunkhwa & Kashmir. Fog/smog is likely to occur in plain areas of Punjab during morning hours.

FRIDAY

24-11-2023

Mainly dry weather is expected in most parts of the country, while cold & partly cloudy in upper parts. Fog/smog is likely to occur in plain areas of Punjab during morning hours.

SATURDAY

25-11-2023

Mainly dry weather is expected in most parts of the country, while cold in upper parts. However cloudy weather with chances of rain is likely at isolated places in western Baluchistan. Fog/smog is likely to occur in plain areas of Punjab during morning hours.

SUNDAY

26-11-2023

Mainly dry weather is expected in most parts of the country, while cold & partly cloudy in the upper parts. Fog/smog is likely to occur in plain areas of Punjab during morning hours.

ADVISORY FOR FARMERS

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

National Weather Data of Selected Cities from (13th November 2023 – 19th 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	13.3	12.5	106.0	72.6	0.0	1.1	1.1	0.9	0.9
Faisalabad	11.6	11.0	99.7	73.5	0.0	2.0	2.4	0.0	0.2
Gawadar	16.4	15.5	132.5	66.4	0.0	2.0	1.4	0.3	7.7
Gilgit	0.1	-1.5	37.1	67.1	0.0	2.1	2.6	0.0	7.1
Kalam	-1.3	-2.0	20.9	54.1	0.0	0.9	2.3	0.0	0.0
Khuzdar	9.7	9.0	89.0	33.3	0.0	0.0	0.7	0.0	0.0
Lahore	13.3	12.7	104.8	67.6	0.0	0.8	1.1	0.0	0.3
Malam Jabba	4.6	4.0	32.5	54.5	0.0	1.6	1.3	3.4	3.4
Mangla	11.6	10.6	100.7	72.4	0.0	1.6	1.9	0.6	0.0
Multan (PBO)	12.3	11.7	102.2	68.4	0.0	1.6	1.9	0.0	0.0
Murree	6.8	6.0	49.9	52.6	0.0	2.0	2.1	1.1	0.3
Muzaffarabad	8.7	8.3	71.0	71.6	0.0	0.9	1.4	0.0	0.0
Sh. Ben. Abad	13.9	13.0	117.0	58.7	0.0	1.4	0.6	3.4	5.4
Peshawar	9.3	7.5	86.8	75.0	0.0	1.9	3.0	0.0	0.0
Quetta	5.7	4.0	57.5	38.0	0.0	2.7	1.8	1.7	2.8
Rawalpindi	8.2	7.5	86.4	74.1	0.0	1.6	2.4	0.0	0.3
Rohri	14.6	14.0	115.0	64.1	0.0	0.0	1.0	0.6	3.4
Skardu	-3.7	-5.6	1.0	54.1	0.0	2.4	1.3	0.0	0.0
Tandojam	13.6	12.5	112.0	67.1	0.0	1.4	1.7	1.4	1.1
Usta.M	12.9	12.0	112.5	65.5	0.0	0.0	0.5	0.2	0.2
Zhob	8.2	7.0	76.0	34.1	0.0	0.6	0.6	2.0	3.7

*** Shows that data was not available.