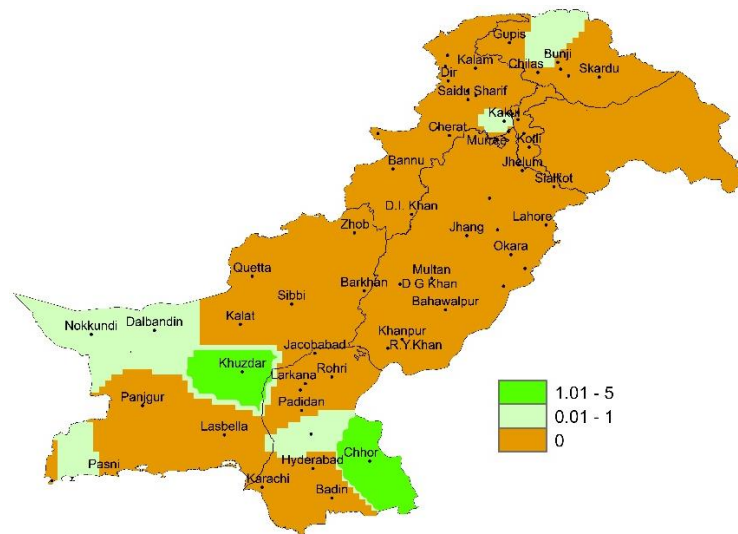


Weekly Weather and Crop Bulletin for Pakistan

**NATIONAL AGROMET CENTRE
PAKISTAN METEOROLOGICAL
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Rainfall Distribution (mm) during the Previous Week (16th October 2023 – 22nd October 2023)

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Highlights of Past Weather (23rd October 2023 – 29th October 2023)

- Light rain was reported from few stations of Baluchistan and Sindh.
- Dry weather reported from the rest of the country.
- 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 (23rd October 2023 – 29th October 2023)**Punjab**

Dry weather reported from Punjab Province during last week. Weekly maximum and minimum temperatures recorded as 30.9°C & 17.0°C respectively. For the recent week on average 132.8 growing degree days were accumulated. Average relative humidity recorded as 57% and wind speed in the morning/evening recorded as 0.4/0.5 Knots. The Lowest minimum temperature was recorded as 7.0°C at Murree.

Baluchistan

Light rainfall reported from few stations of Baluchistan province. Weekly maximum and minimum temperatures recorded as 30.8°C & 16.1°C respectively. For the recent week on average 129.2 growing degree days were accumulated. Average relative humidity recorded 47% and wind speed in the morning/evening recorded as 0.6/4.7 Knots. The lowest minimum temperature recorded as 4.0°C at Kalat. Highest precipitation recorded as 1.2 mm from Khuzdar.

Khyber Pakhtunkhwa

Dry weather reported from KP Province. Weekly maximum and minimum temperatures recorded as 26.5 °C & 10.6°C respectively. For the recent week on average 94.1 growing degree days were accumulated. Average relative humidity recorded as 62% and wind speed in the morning/evening recorded as 0.7/0.7 Knots. During the previous week the Lowest minimum temperature recorded as 0 °C at Kalam. The highest precipitation recorded as 0.01 (trace) mm from Kakul.

Sindh

Light rain was reported from few stations of Sindh. Weekly maximum and minimum temperatures recorded as 35.4°C & 22.0°C respectively. For the recent week, on average 165.7 growing degree days were accumulated. Average relative humidity recorded as 63% and wind speed in the morning/evening recorded as 1.9/3.1 Knots. During the previous week the Lowest minimum

temperature recorded as 19.0 °C at Moinjodaro. Highest precipitation recorded as 4.0mm from Chor.

Gilgit-Baltistan and Azad Jammu & Kashmir

Trace (0.01mm) reported from few stations of Gilgit Baltistan and dry weather was reported from Kashmir. Weekly maximum and minimum temperatures recorded as 23.4°C & 7.1°C respectively. For the recent week on average 72.0 growing degree days were accumulated. Average relative humidity recorded as 62% and wind speed in the morning/evening recorded as 0.1/0.7 Knots. During the previous week the highest precipitation was recorded as 0.01 mm at Gilgit while the highest maximum temperature recorded as -1.2°C at Skardu.

Past Weather for Major Agricultural Plains (23rd October 2023 – 29th October 2023)**Rawalpindi (Potohar region)**

Dry weather reported from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 0.6/1.3 Oktas while, average relative humidity observed as 70%. Mean minimum time temperature was recorded as 11.8°C and for the recent week 114.7 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.2/0.2 Knots. The Lowest minimum temperature was recorded as 10.5°C.

Faisalabad (Central Punjab)

Dry weather reported from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 0.0/0.9 Oktas while, average relative humidity observed as 72%. Mean minimum time temperature recorded as 17.3°C & for the recent week 137.1 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/0.3 Knots. The lowest minimum temperature was recorded as 16.0°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, clear sky has been observed, while average relative humidity observed as 68%. Mean minimum time temperature recorded as 20.9°C & for the recent week 164.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/2.3 Knots. Lowest minimum temperature was recorded as 19.5°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported from Usta Muhammad during the week; however, clear sky has been observed, average relative humidity observed as 66%. Mean minimum time temperature recorded as 18.4°C & for the recent week 145.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.8/2.2 Knots. The lowest minimum temperature was recorded as 18.0°C.

Quetta (Northern Baluchistan)

Dry weather reported from Quetta during the week; however, cloudiness in the morning/evening recorded as 2.1/2.9 Oktas while, average relative humidity observed as 27%. Mean minimum time temperature recorded as 10.0°C & for the recent week 84.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.5/3.3 Knots. The lowest minimum temperature was recorded as 9.0°C.

Past Weather for Sub-Regional Agricultural Plains (23rd October 2023 – 29th October 2023)**Multan**

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 1.0/2.1 Oktas. Average relative humidity observed as 55%. Mean minimum time temperature recorded as 19.4°C & for the recent week 144.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

Lahore

Dry weather reported from Lahore during the week; however, clear sky has been observed, average relative humidity observed as 66%. Mean minimum time temperature recorded as 17.1°C & for the recent week 130.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Zhob

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 0.6/2.7 Oktas while, average relative humidity observed as 38%. Mean minimum time temperature recorded as 13.0°C & for the recent week 106.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.9/2.1 Knots.

Murree

Dry weather reported from Murree during the week; however, cloudiness in the morning/evening recorded as 0.6/0.9 Oktas while, average relative humidity observed as 49%. Mean minimum time temperature recorded as 8.5°C & for the recent week 64.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/0.0 Knots.

D.I. Khan

Dry weather reported from DI Khan during the week; however, cloudiness in the morning/evening recorded as 0.6/1.0 Oktas while while average relative humidity observed as 69%. Mean minimum time temperature recorded as 19.4°C & for the recent week 146.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/0.6 Knots.

Peshawar

Dry weather reported from Peshawar during the week; however, cloudiness in the morning/evening recorded as 0.0/2.0 Oktas while, average relative humidity observed as 69%. Mean minimum time temperature was recorded as 14.5°C & for the recent week 122.4 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Kalam

Dry weather reported from Kalam during the week; however, cloudiness in the morning/evening recorded as 0.9/1.9 Oktas while, average relative humidity observed as 55%. Mean minimum time temperature recorded as 0.8 °C & for the recent week 40.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.0 Knots (calm).

Gilgit

Rainfall reported as (Trace) 0.01 mm from Gilgit during the week, cloudiness in the morning/evening recorded as 3.1/3.1 Oktas while, average relative humidity observed as 64%. Mean minimum time temperature recorded as 5.3°C & for the recent week 71.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

Skardu

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 2.7/1.3 Oktas while, average relative humidity observed as 55%. Mean minimum time temperature recorded as 0.7°C & for the recent week 27.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.0 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)

Cotton crop is grown in the fields. Date of sowing 30-05-2023. Variety: FH490, BT, Stage: 1st picking is done. Irrigated, condition: very good

Lower Sindh (Tandojam)

Cotton crop is grown in the fields. Date of sowing 11-05-2023. Variety: TH108, Stage: Picking completed. Irrigated.

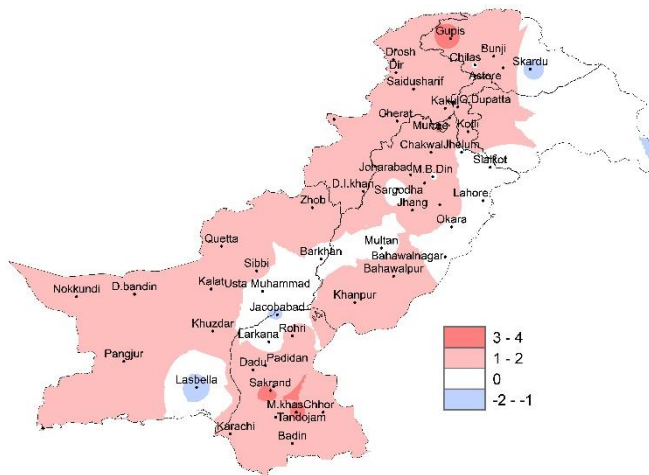
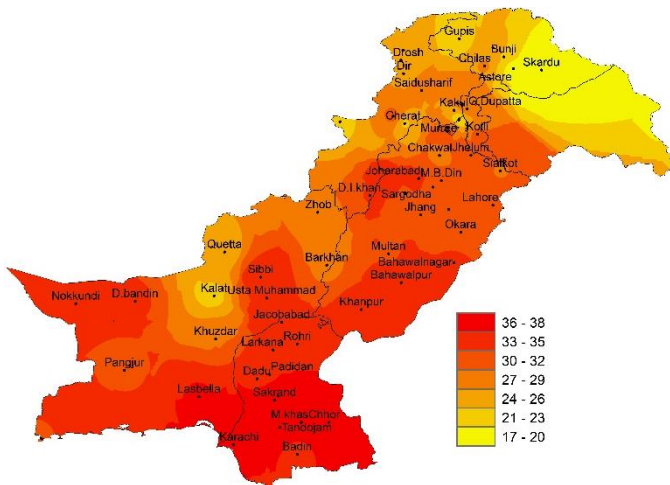
Northern Baluchistan (Quetta)

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

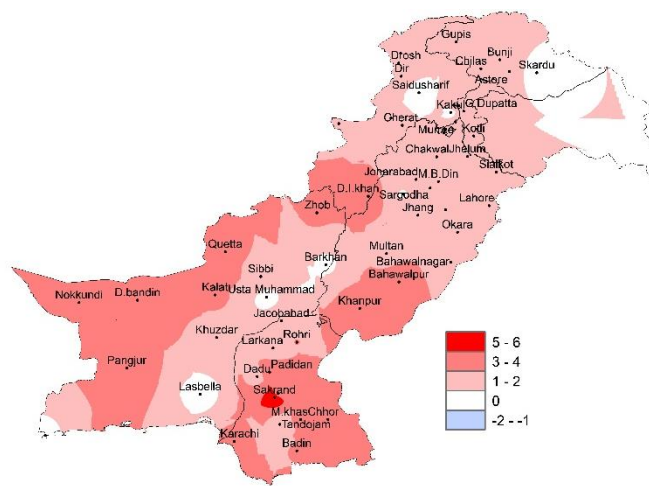
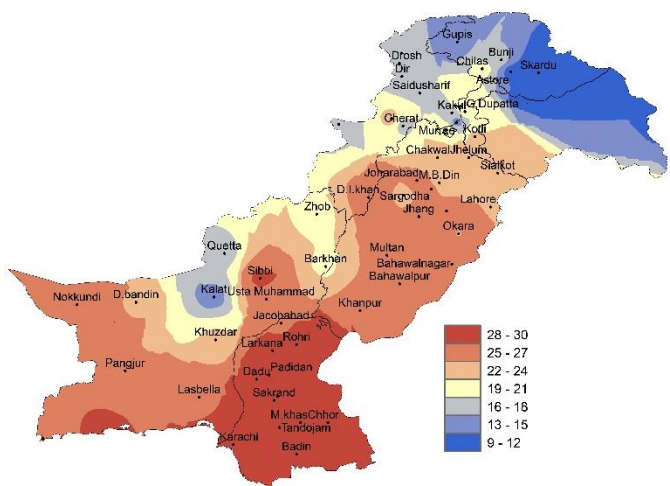
Eastern Baluchistan (Usta Muhammad)

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

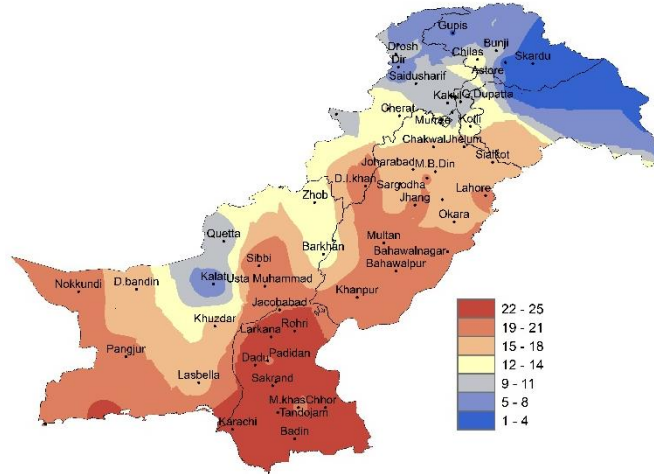
Actual & Departure of Maximum temperature (°C) for the Previous week (23rd October 2023 – 29th October 2023)



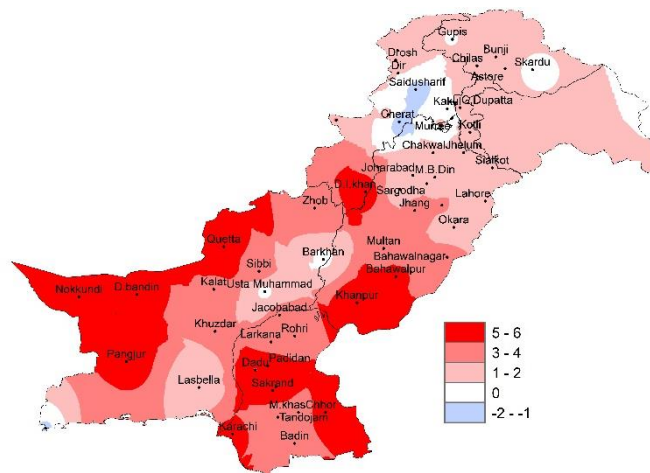
Actual & Departure of Mean temperature (°C) for the Previous week (23rd October 2023 – 29th October 2023)



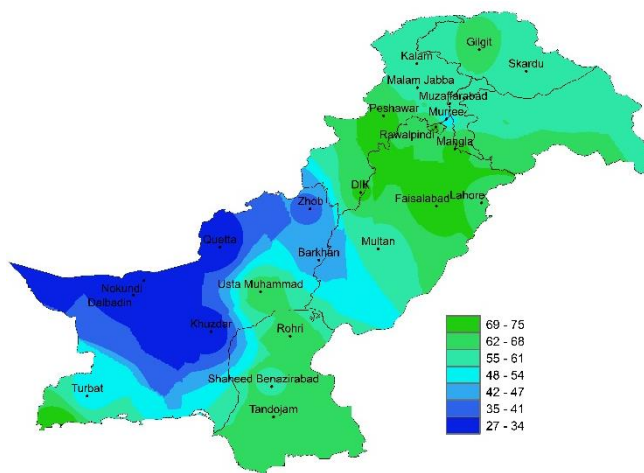
**Departure of Minimum temperature (°C) the
Previous week (23rd October 2023 – 29th October 2023)**



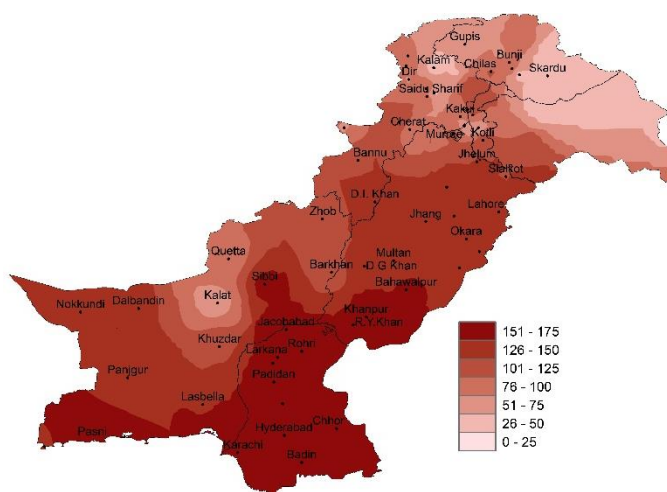
**Actual Minimum temperature (°C) during the
Previous week (23rd October 2023 – 29th October 2023)**



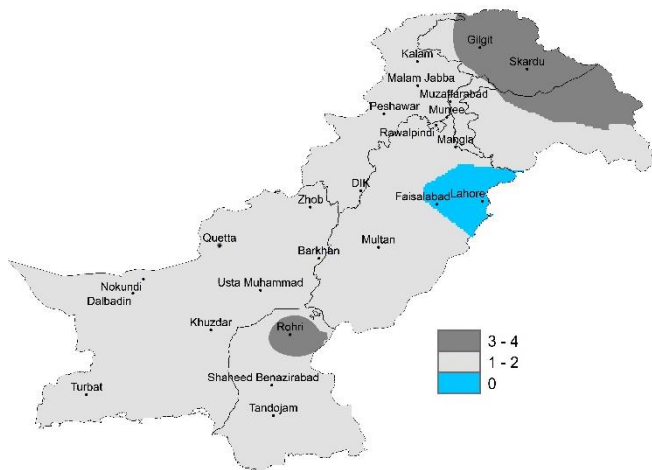
**Mean Relative Humidity (%) during the
Previous week (23rd October 2023 – 29th October 2023)**



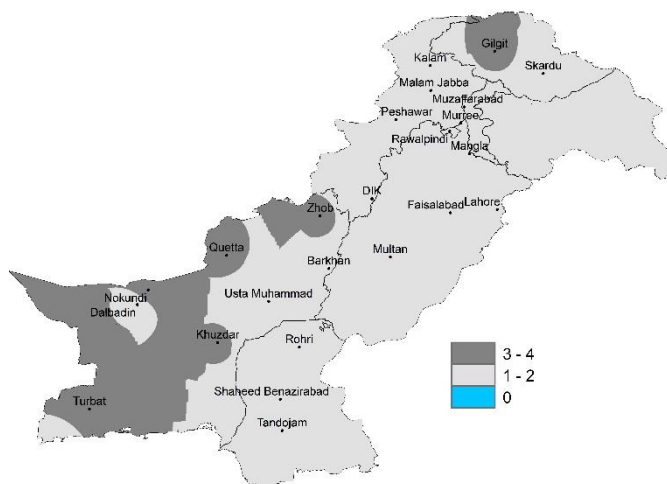
**Total Growing Degree Days accumulated during the
Previous week (23rd October 2023 – 29th October 2023)**



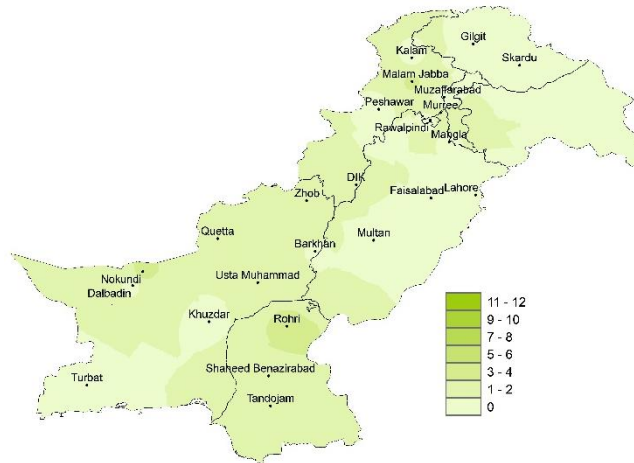
Mean Cloudiness (Octas) at 0800PST during the
Previous week (23rd October 2023 – 29th October 2023)



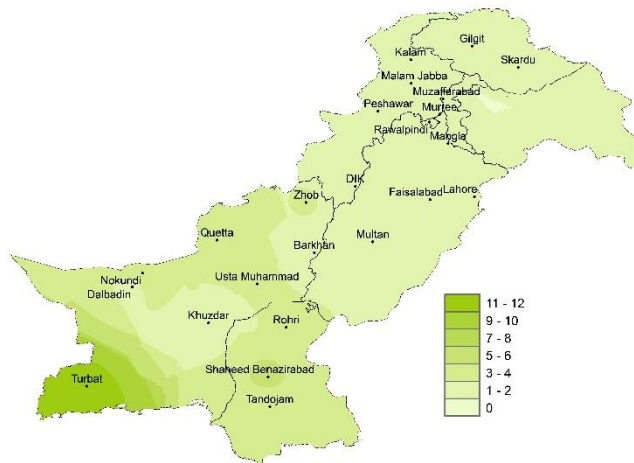
Mean Cloudiness (Octas) at 1700PST during the
Previous week (23rd October 2023 – 29th October 2023)



**Mean Wind Speed (Knots) at 0800PST during the
Previous week (23rd October 2023 – 29th October 2023)**

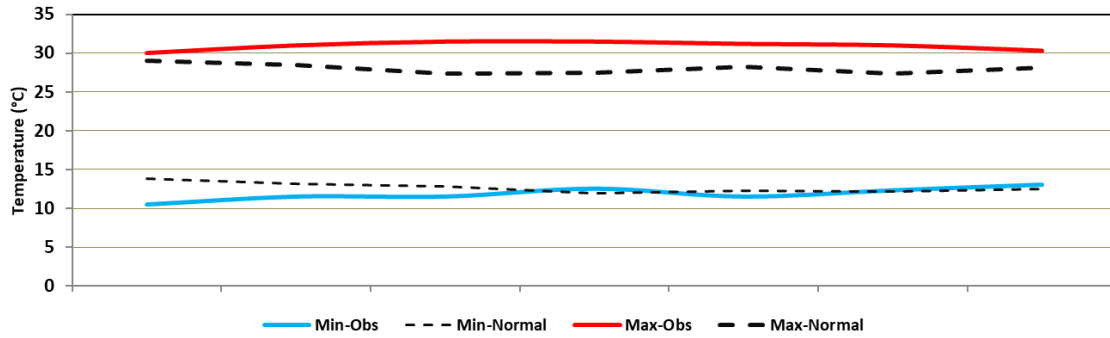


**Mean Wind Speed (Knots) at 1700PST during the
Previous week (23rd October 2023 – 29th October 2023)**

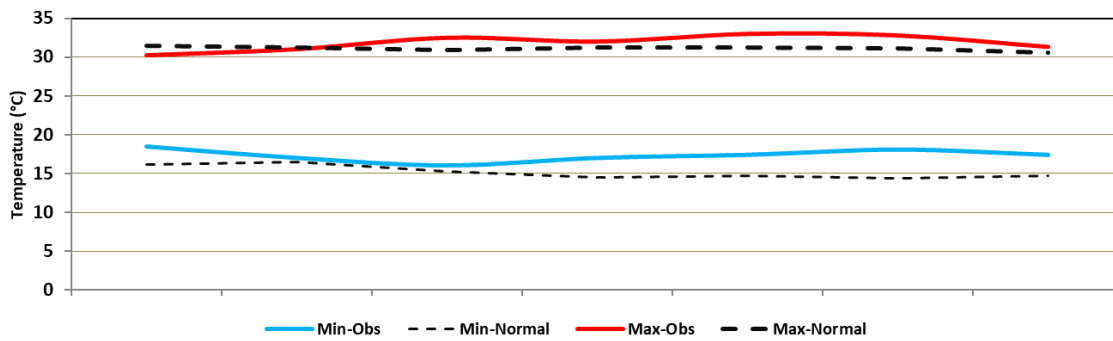


Comparison of temperatures for RAMCs (Minimum & Maximum with normal)
during the previous week (23rd October 2023 – 29th October 2023)

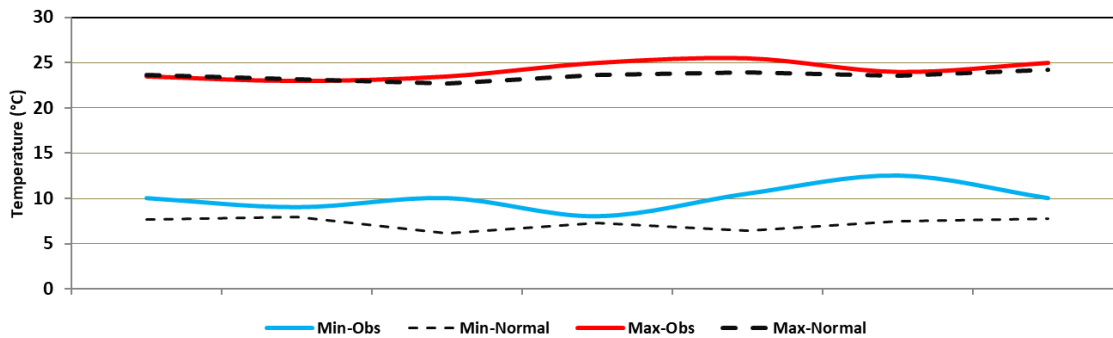
Rawalpindi (Min & Max Temperatures)



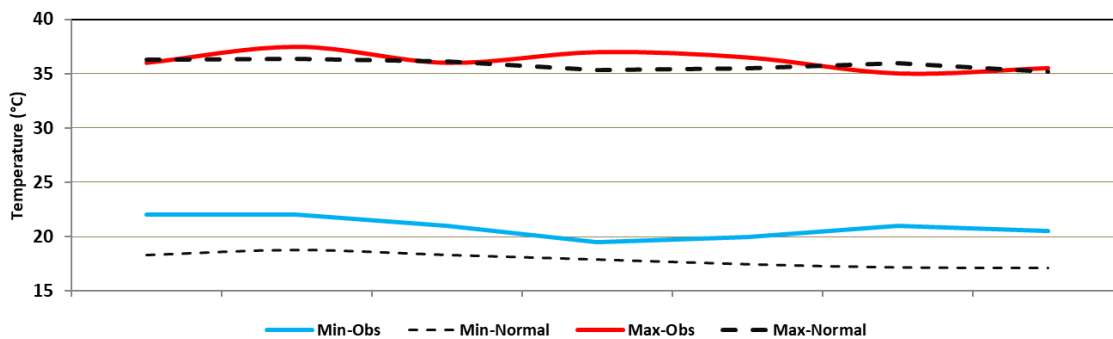
Faisalabad (Min & Max Temperatures)



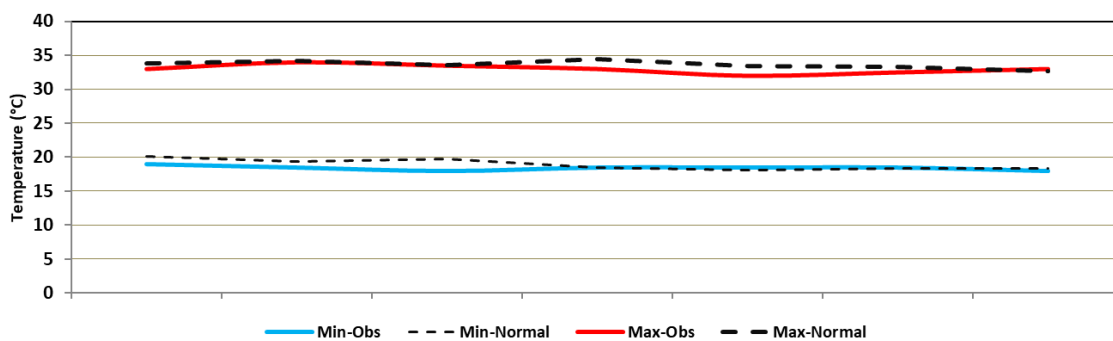
Quetta (Min & Max Temperatures)



Tandojam (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers (30th
October 2023 – 5th November 2023)**

ADVISORY FOR FARMERS

Continental air is prevailing over most parts of the country. A westerly wave is likely to approach the upper parts on Wednesday.

30-10-2023

MONDAY

Mainly dry weather is expected in most parts of the country, while cold in hilly areas during night.

TUESDAY

31-10-2023

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

Fog is likely to occur in some districts of northeast Punjab during morning hours.

01-11-2023

Mainly dry weather is expected in most parts of the country, while cold in northern parts during night and morning hours. However, partly cloudy weather with chances of rain (light snow over mountains) at isolated places in upper Khyber Pakhtunkhwa and Gilgit Baltistan. Fog is likely to occur in some districts of northeast Punjab during morning hours.

THURSDAY

02-11-2023

Mainly dry weather is expected in most parts of the country. However, rain (light snowfall over mountains) is expected in upper Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir and Potohar region.

FRIDAY

03-11-2023

Mainly dry weather is expected in most parts of the country, while cold in northern parts. However, partly cloudy weather with chances of rain at isolated places in Kashmir and surrounding areas.

SATURDAY

04-11-2023

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

SUNDAY

05-10-2023

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

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

National Weather Data of Selected Cities from (23rd October 2023 – 29th October 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	19.4	18.5	146.0	69	0.00	0.6	1.0	0.6	0.6
Faisalabad	17.3	16.0	137.1	72	0.00	0.0	0.9	0.3	0.3
Gawadar	21.6	20.5	158.0	75	0.01	1.9	1.9	0.0	11.1
Gilgit	5.3	3.0	71.3	64	0.01	3.1	3.1	0.0	1.1
Kalam	0.8	0.0	40.3	55	0.00	0.9	1.9	0.0	0.0
Khuzdar	14.9	12.5	118.8	29	1.20	1.3	2.7	0.0	0.9
Lahore	17.1	16.5	130.9	66	0.00	0.0	0.0	0.0	0.6
Malam Jabba	4.9	4.0	41.5	59	0.00	0.0	1.3	2.3	1.1
Mangla	14.8	14.0	122.6	70	0.00	0.0	0.7	0.3	1.7
Multan (PBO)	19.4	18.7	144.9	55	0.00	1.0	2.1	0.0	0.9
Murree	8.5	7.0	63.9	49	0.00	0.6	0.9	1.1	0.0
Muzaffarabad	11.6	10.6	103.4	59	0.00	0.0	0.0	0.0	0.0
Sh. Ben. Abad	21.4	20.0	170.6	60	0.50	1.1	1.7	1.7	4.6
Peshawar	14.5	14.0	122.4	69	0.00	0.0	2.0	0.0	0.6
Quetta	10.0	8.0	84.8	27	0.00	2.1	2.9	1.5	3.3
Rawalpindi	11.8	10.5	114.7	70	0.00	0.6	1.3	0.2	0.2
Rohri	21.5	20.5	160.0	63	0.00	2.7	0.7	2.3	2.3
Skardu	0.7	-1.2	27.9	55	0.00	2.7	1.3	0.0	0.0
Tandojam	20.9	19.5	164.8	68	0.00	0.0	0.0	1.7	2.3
Usta.M	18.4	18.0	145.0	66	0.00	0.0	0.0	0.8	2.2
Zhob	13.0	12.5	106.3	38	0.00	0.6	2.7	1.9	2.1

*** Shows that data was not available.