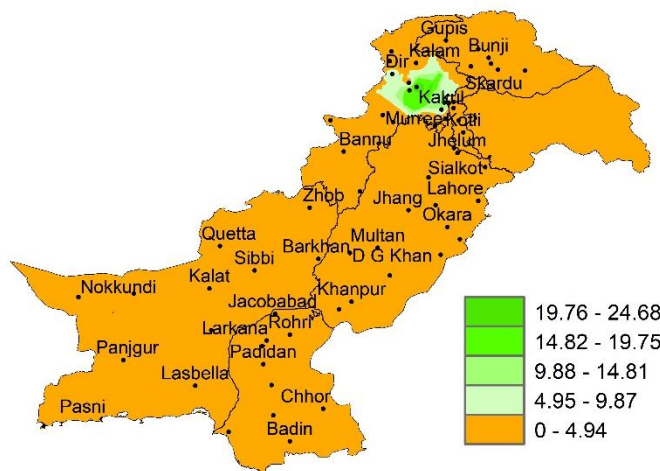


Weekly Weather and Crop Bulletin for Pakistan

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

Phone: +92-51-9250299

Email: dirnamc@yahoo.com



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

Contents

Highlights of past weather	1-2
Past weather for Agri Plains	3-4
Crop progress	4
Agrometeorological parameters	
• Temperature	5
• R.H and GDD	6
• Wind speed	7
• Cloudiness	8
Comparison of temperatures for RAMCs during the previous week	9
Advisory for Farmers	10
Weather Outlook	10
National data for selected stations	11

Highlights of Past Weather (30th October 2023 – 05th November 2023)

- Light rain was reported from few stations of KPK, Kashmir and Gilgit Baltistan.
- 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 (30th October 2023 – 05th November 2023)**Punjab**

Dry weather reported from Punjab Province throughout the last week. Weekly maximum and minimum temperatures recorded as 29.8°C & 17.6°C respectively. For the recent week on average 130.8 growing degree days were accumulated. Average relative humidity recorded as 67% and wind speed in the morning/evening recorded as 0.4/0.3 Knots. The Lowest minimum temperature was recorded as 8.0°C at Islamabad and Murree. Highest precipitation recorded as 0.2 mm from Islamabad.

Baluchistan

Light rainfall reported from few stations of Baluchistan province. Weekly maximum and minimum temperatures recorded as 30.5°C & 14.9°C respectively. For the recent week on average 124.3 growing degree days were accumulated. Average relative humidity recorded 48% and wind speed in the morning/evening recorded as 0.6/0.8 Knots. The lowest minimum temperature recorded as 3.0°C at Kalat. Highest precipitation recorded as 1.0 mm from Kalat.

Khyber Pakhtunkhwa

Dry weather reported from KPK. Weekly maximum and minimum temperatures recorded as 25.0 °C & 10.5°C respectively. For the recent week on average 88.7 growing degree days were accumulated. Average relative humidity recorded as 69% and wind speed in the morning/evening recorded as 1.2/1.7 Knots. During the previous week the Lowest minimum temperature recorded as -0.6 °C at Kalam. The highest precipitation recorded as 25.0 mm from Malam Jabba.

Sindh

Dry weather is reported from almost all over Sindh province except a few stations where light rain was observed. Weekly maximum and minimum temperatures recorded as 35.3°C & 21.1°C respectively. For the recent week, on average 162.5 growing degree days were accumulated. Average relative humidity recorded as 57% and wind speed

in the morning/evening recorded as 1.9/3.3 Knots. During the previous week the Lowest minimum temperature recorded as 18.0 °C at Moinjodaro, Mithi and Mirpur Khas.

Gilgit-Baltistan and Azad Jammu & Kashmir

Trace rain reported from Gilgit Baltistan and dry weather was reported from Kashmir. Weekly maximum and minimum temperatures recorded as 22.4°C & 6.4°C respectively. For the recent week on average 65.0 growing degree days were accumulated. Average relative humidity recorded as 62% and wind speed in the morning/evening recorded as 3.1/0.4 Knots. During the previous week the highest precipitation was recorded as 10.70 mm at Hunza while the highest maximum temperature recorded as -3.0°C at Skardu.

Past Weather for Major Agricultural Plains (30th October 2023 – 05th November 2023)**Rawalpindi (Potohar region)**

Dry weather reported from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 0.2/0.8 Oktas while, average relative humidity observed as 70%. Mean minimum time temperature was recorded as 12.6°C and for the recent week 111.2 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.0/0.1 Knots. The Lowest minimum temperature was recorded as 9.0°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 81%. Mean minimum time temperature recorded as 18.4°C & for the recent week 132.2 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.2/0.2 Knots. The lowest minimum temperature was recorded as 16.2°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, cloudiness in the morning/evening recorded as 0.3/0.7 Oktas, while average relative humidity observed as 60%. Mean minimum time temperature recorded as 19.9°C & for the recent week 158.3 growing degree days accumulated.

Wind speed recorded in the morning/evening as 0.5/0.6 Knots. Lowest minimum temperature was recorded as 19.0°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported from Usta Muhammad during the week; however, cloudiness in the morning/evening recorded as 1.2/0.0, average relative humidity observed as 60%. Mean minimum time temperature recorded as 17.2°C & for the recent week 143.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.2/1.1 Knots. The lowest minimum temperature was recorded as 16.5°C.

Quetta (Northern Baluchistan)

Rainfall reported as 0.01 (trace) mm from Quetta during the week; however, cloudiness in the morning/evening recorded as 1.7/3.6 Oktas while, average relative humidity observed as 34.0%. Mean minimum time temperature recorded as 9.4°C & for the recent week 79.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.3/2.3 Knots. The lowest minimum temperature was recorded as 7.0°C.

Past Weather for Sub-Regional Agricultural Plains (30th October 2023 – 05th November 2023)

Multan

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 0.4/0.9 Oktas. Average relative humidity observed as 68%. Mean minimum time temperature recorded as 19.2°C & for the recent week 141.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Lahore

Dry weather reported from Lahore during the week; however, cloudiness in the morning/evening recorded as 0.7/0.0 Oktas, 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 2.9/3.1 Oktas while, average relative humidity observed as 42.4%. Mean minimum time temperature recorded as 12.2°C & for the recent week 98.8 growing degree days accumulated. Wind

speed recorded in the morning/evening as 1.9/3.4 Knots.

Murree

Dry weather reported from Murree during the week; however, cloudiness in the morning/evening recorded as 0.3/2.0 Oktas while, average relative humidity observed as 59%. Mean minimum time temperature recorded as 8.8°C & for the recent week 61.4 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 2.5/1.3 Oktas while average relative humidity observed as 78%. Mean minimum time temperature recorded as 19.5°C & for the recent week 137.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.3/1.3 Knots.

Peshawar

Rainfall reported as 1.3 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 1.0/2.0 Oktas while, average relative humidity observed as 75%. Mean minimum time temperature was recorded as 14.7°C & for the recent week 117.4 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Kalam

Rainfall reported as 2.0 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 1.7/2.1 Oktas while, average relative humidity observed as 50.3%. Mean minimum time temperature recorded as 0.7 °C & for the recent week 34.9 growing degree days accumulated.

Gilgit

Dry Weather reported from Gilgit during the week, cloudiness in the morning/evening recorded as 2.1/1.4 Oktas while, average relative humidity observed as 60%. Mean minimum time temperature recorded as 4.2°C & for the recent week 61.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 12.0/0.9 Knots.

Skardu

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 2.0/0.9 Oktas while, average relative humidity observed as 50%. Mean minimum time temperature recorded as 0.2°C & for the recent week 21.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/0.0 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: Harvested on 30-10-2023. Irrigated, condition: very good

Lower Sindh (Tandojam)

Cotton crop is grown in the fields. Date of sowing 11-05-2023. Variety: TH108, Stage: Harvest completed. Ground is prepared for new crop. Irrigated.

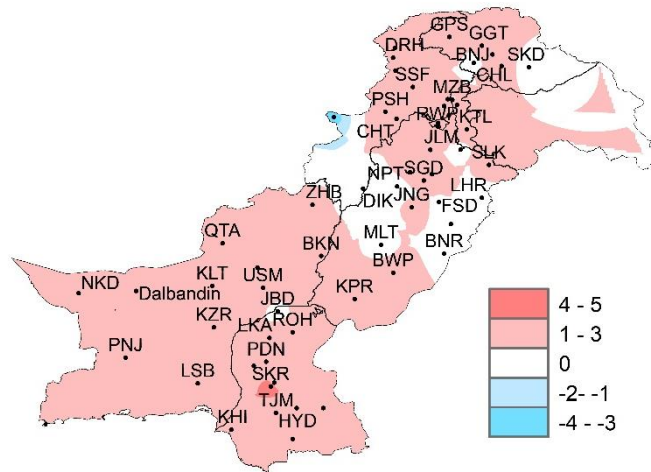
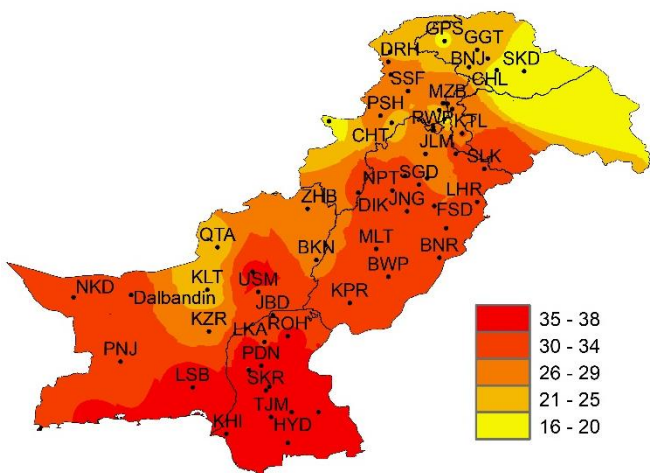
Northern Baluchistan (Quetta)

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

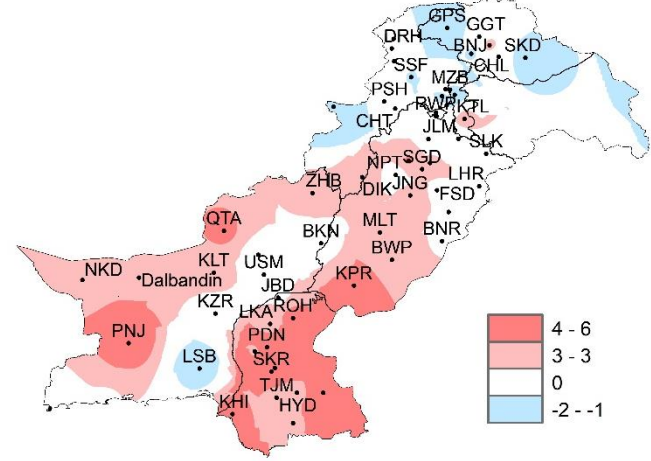
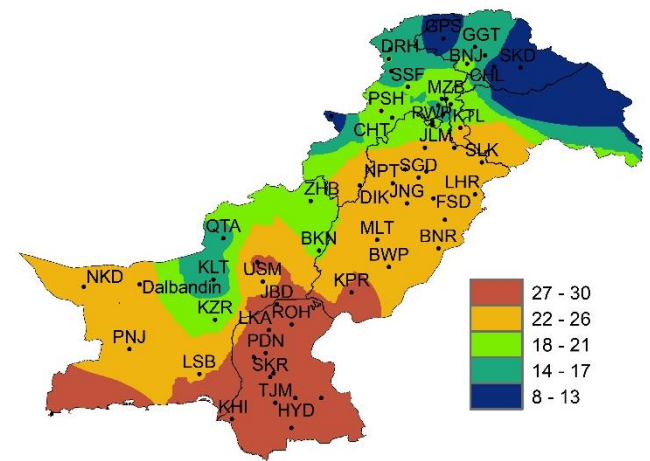
Eastern Baluchistan (Usta Muhammad)

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

Actual & Departure of Maximum temperature (°C) for the Previous week (30th October 2023 – 05th November 2023)

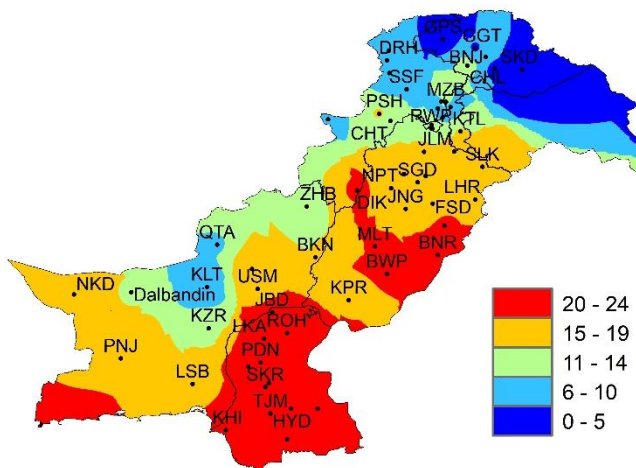


Actual & Departure of Mean temperature (°C) for the Previous week (30th October 2023 – 05th November 2023)



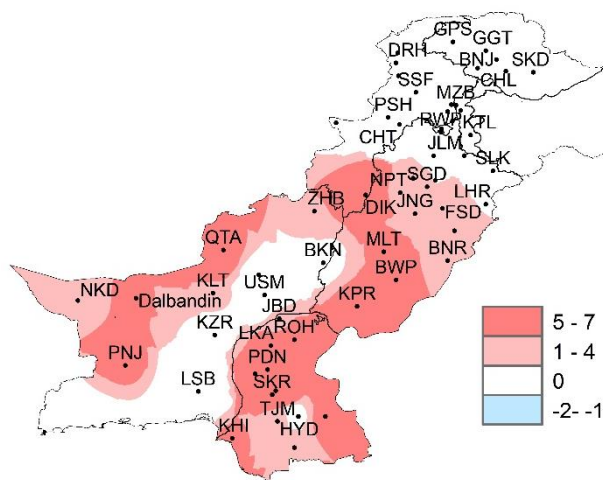
Departure of Minimum temperature (°C) the

Previous week (30th October 2023 – 05th November 2023)

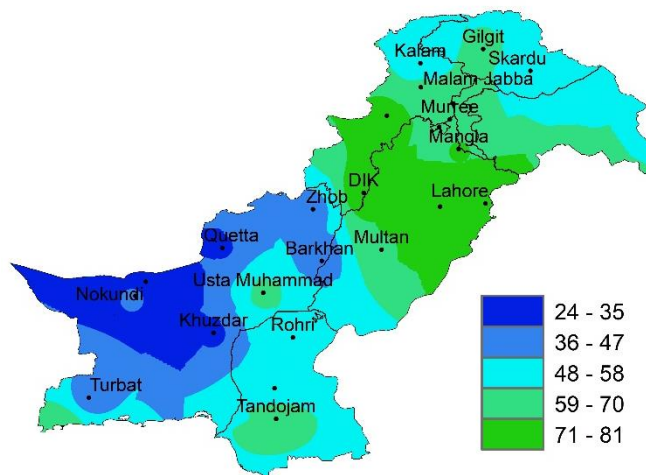


Actual Minimum temperature (°C) during the

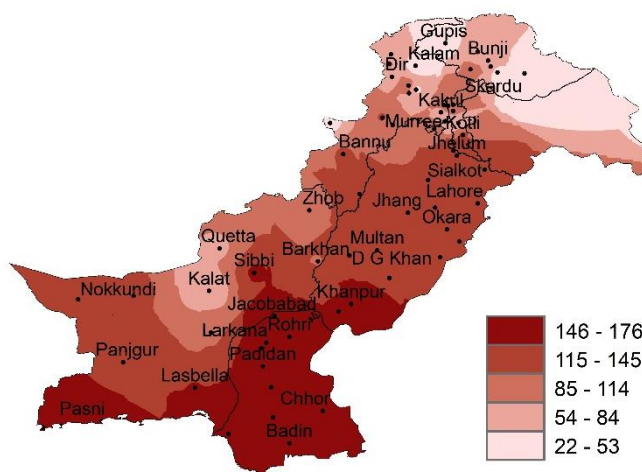
Previous week (30th October 2023 – 05th November 2023)



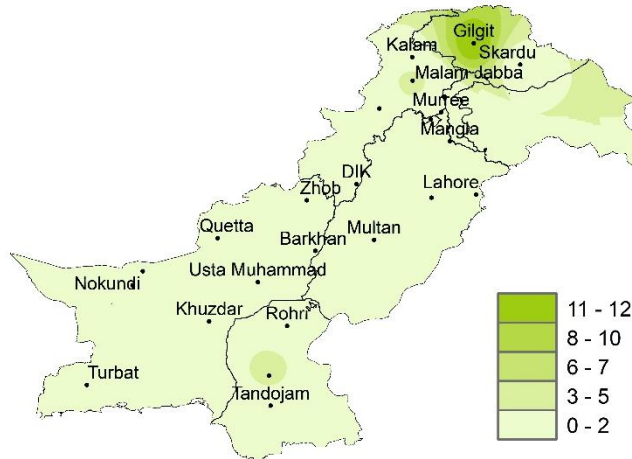
**Mean Relative Humidity (%) during the
Previous week (30th October 2023 – 05th November 2023)**



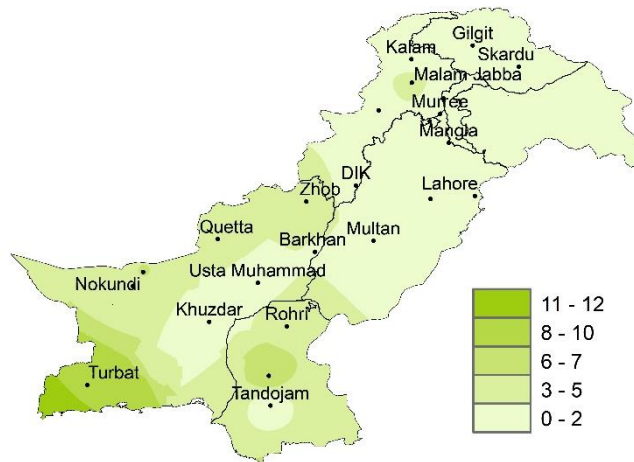
**Total Growing Degree Days accumulated during the
Previous week (30th October 2023 – 05th November 2023)**



**Mean Wind Speed (Knots) at 0800PST during the
Previous week (30th October 2023 – 05th November 2023)**

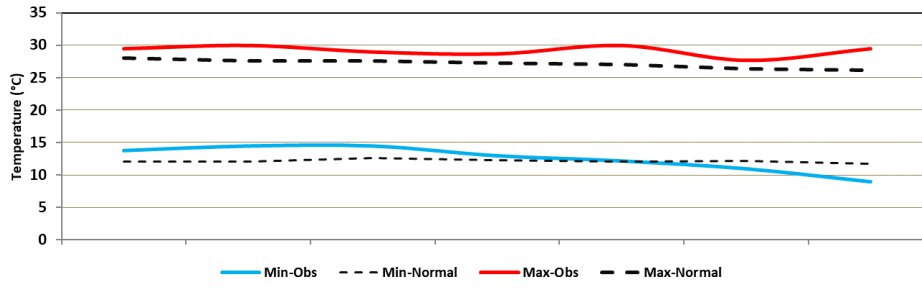


**Mean Wind Speed (Knots) at 1700PST during the
Previous week (30th October 2023 – 05th November 2023)**

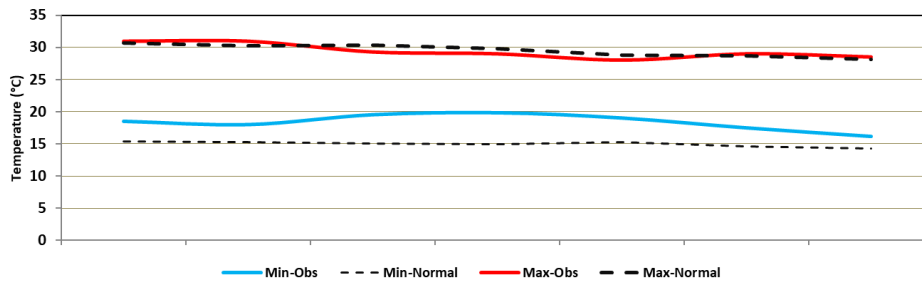


Comparison of temperatures for RAMCs (Minimum & Maximum with normal)
during the previous week (30th October 2023 – 05th November 2023)

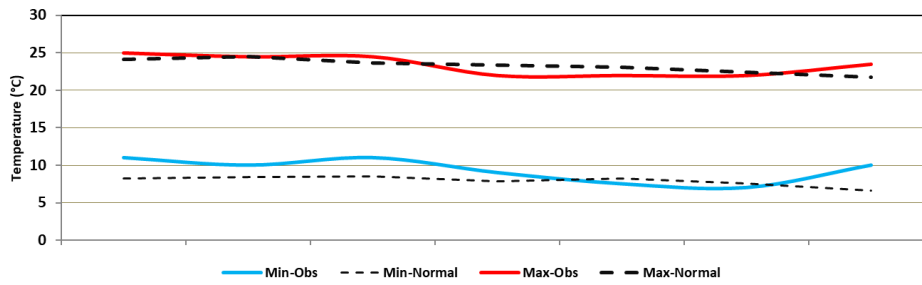
Rawalpindi (Min & Max Temperatures)



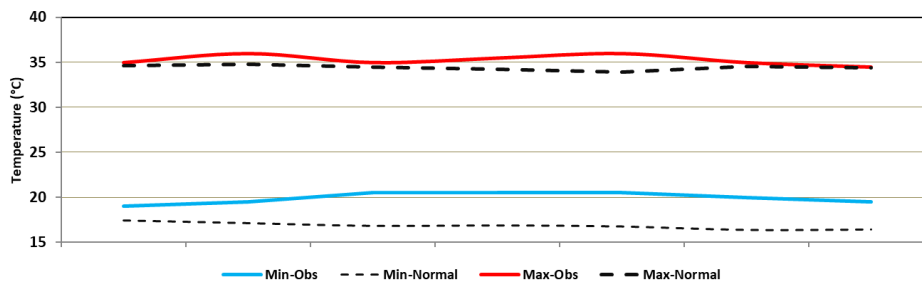
Faisalabad (Min & Max Temperatures)



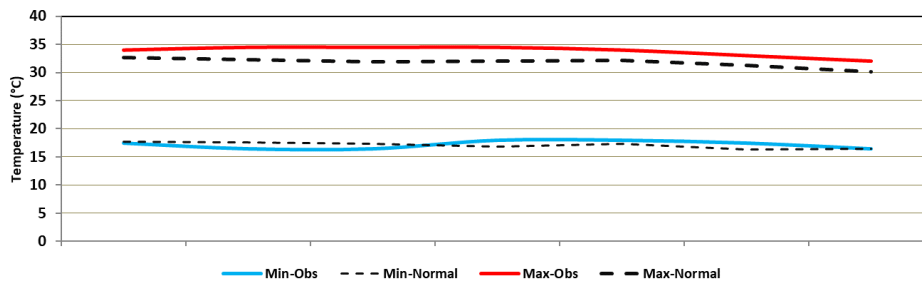
Quetta (Min & Max Temperatures)



Tandojam (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers (06th
November 2023 – 12th November 2023)**

A westerly wave is affecting western parts and likely to grip upper parts of the country from Wednesday evening/night.

06-11-2023

MONDAY

Dry weather is expected in most areas of the country, while cloudy weather with rain-wind-thunderstorm is likely in northwestern Balochistan.

TUESDAY

07-11-2023

Dry weather is expected in most areas of the country, while cloudy weather with rain-wind-thunderstorm is likely at isolated places in north Balochistan. Fog/smog is likely to occur in Sialkot, Narowal, Gujranwala, Lahore, Okara, Sahiwal, Sargodha, Mandi Bahauddin, Joharabad, Faisalabad, Toba Tek Singh, Jhang, Khanewal, Multan, Bahawalpur, Dera Ghazi Khan and surrounding during morning hours.

08-11-2023

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

09-11-2023

Rain-wind/thunderstorm (snow over mountains) is expected in Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir, Islamabad and upper Punjab. Dry weather is expected in other parts of the country.

FRIDAY

10-11-2023

Rain-wind/thunderstorm (snow over mountains) is expected in Gilgit Baltistan, Kashmir and Pothohar region. Dry weather is expected in other parts of the country. Fog is likely to occur in plain districts of Punjab and Khyber-Pakhtunkhwa during morning/night hours.

SATURDAY

11-11-2023

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

SUNDAY

12-11-2023

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

ADVISORY FOR FARMERS

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

National Weather Data of Selected Cities from (30th October 2023 – 05th 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	19.5	19.0	137.3	77.8	0.0	2.5	1.3	1.3	1.3
Faisalabad	18.4	16.2	132.2	81.0	0.0	0.0	0.9	0.2	0.2
Gawadar	20.6	19.5	164.2	68.8	0.0	0.3	0.3	0.0	10.3
Gilgit	4.2	1.0	61.0	59.6	0.0	2.1	1.4	12.0	0.9
Kalam	0.7	-0.6	34.9	50.3	2.0	1.7	2.1	0.0	0.0
Khuzdar	12.9	12.0	108.5	33.2	0.8	0.4	3.7	0.0	0.6
Lahore	17.6	16.3	129.4	74.6	0.0	0.7	0.0	0.0	0.3
Malam Jabba	5.1	3.0	40.5	59.5	25.0	0.9	0.9	3.4	3.4
Mangla	15.6	12.2	125.4	70.4	0.0	0.0	0.5	0.0	0.7
Multan (PBO)	19.2	18.7	141.5	68.2	0.0	0.4	0.9	0.0	0.6
Murree	8.8	8.0	61.4	59.3	0.0	0.3	2.0	1.1	0.0
Muzaffarabad	11.3	10.3	98.0	65.9	2.5	0.9	2.1	0.0	0.0
Sh. Ben. Abad	20.8	19.5	166.1	55.6	0.0	0.3	0.6	2.9	5.7
Peshawar	14.7	13.0	117.4	74.9	1.3	1.0	2.0	0.0	0.6
Quetta	9.4	7.0	79.5	34.0	0.0	1.7	3.6	2.3	3.3
Rawalpindi	12.6	9.0	111.2	69.8	0.0	0.2	0.8	0.0	0.1
Rohri	22.0	20.5	161.5	55.9	0.0	0.7	0.0	2.3	3.7
Skardu	0.2	-3.0	21.7	50.3	0.0	2.0	0.9	0.3	0.0
Tandojam	19.9	19.0	158.3	60.0	0.0	0.3	0.7	0.5	0.6
Usta.M	17.2	16.5	143.5	60.4	0.0	1.2	0.0	0.2	1.1
Zhob	12.2	11.0	98.8	42.4	0.0	2.9	3.1	1.9	3.4

*** Shows that data was not available.