

Weekly Weather and Crop Bulletin for Pakistan

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Rainfall Distribution (mm) during the Previous Week (20th – 27th October 2024)

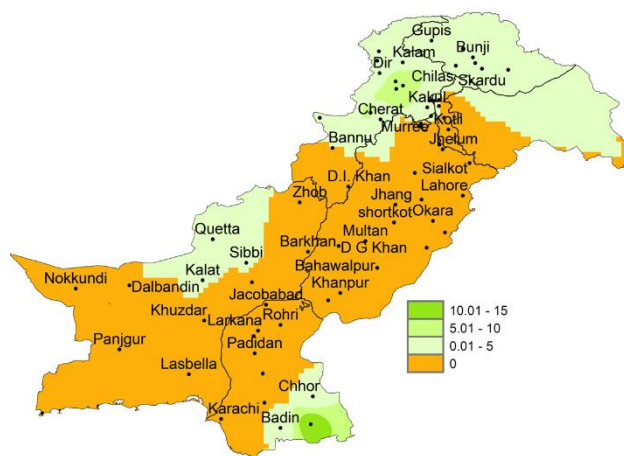


Figure 1: Rainfall.

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Highlights of Past Weather (20th – 27th October 2024)

- Dry weather prevailed in most parts of the country, while hot weather in Sindh. Light rainfall was also reported from southeast Sindh, upper Khyber Pakhtunkhwa, west Balochistan and Gilgit Baltistan.
- Normal to above normal daily maximum temperatures were observed in most parts of the country.
- Normal to above normal daily minimum temperatures were observed in most parts of the country whereas normal to below normal was reported from southeast Balochistan.
- Normal to above normal mean daily temperatures were observed in most parts of the country.

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Past Weather of Provinces **(20th – 27th October 2024)**

Punjab

Dry weather was reported from the province during the previous week. Weekly maximum and minimum temperatures recorded as 33.6°C & 19.5°C respectively. For the recent week on average 80.7 growing degree days were accumulated. Average relative humidity recorded as 59% and wind speed in the morning/evening recorded as 1.0/1.1 Knots. The highest maximum temperature was recorded as 39.5°C at Rahimyar Khan.

Baluchistan

Light rain was reported from western parts of province during the previous week. Weekly maximum and minimum temperatures recorded as 29.5°C & 13.6°C respectively. For the recent week on average 45.8 growing degree days were accumulated. Average relative humidity recorded 39% and wind speed in the morning/evening recorded as 0.4/5.1 Knots. Maximum rainfall was reported as 0.01 (trace) mm from Quetta. However, highest maximum temperature was recorded as 42.5°C at Lasbela.

Khyber Pakhtunkhwa

Light rain was reported from upper parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 27.8°C & 13.2°C respectively. For the recent week on average 45.8 growing degree days were accumulated. Average relative humidity recorded as 66% and wind speed in the morning/evening recorded as 0.5/0.9 Knots. Maximum rainfall was reported as 9.00 mm from Malam Jabba. However, the highest maximum temperature recorded as 37.5°C at Dera Ismail Khan.

Sindh

Light rain was reported from southeastern parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 37.9°C & 22.8°C respectively. For the recent week, on average 107.6 growing degree days were accumulated. Average relative humidity recorded as

59% and wind speed in the morning/evening recorded as 0.7/2.4 Knots. Maximum rainfall was reported as 15.00 mm from Mithi. However, the highest maximum temperature recorded as 42.5°C at Shaheed Benazirabad.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rain was reported from Gilgit Baltistan during the previous week. Weekly maximum and minimum temperatures recorded as 25.5°C & 9.8°C respectively. For the recent week on average 22.8 growing degree days were accumulated. Average relative humidity recorded as 61%. and wind speed recorded in the morning/evening as 0.1/0.6. The highest rainfall was reported as 1.40 mm from Astore. However, the highest maximum temperature recorded as 33.3°C at Kotli.

Past Weather for Major Agricultural Plains**(20th – 27th October 2024)****Rawalpindi (Potohar region)**

Dry weather reported from Rawalpindi during the week; however, cloudiness in the morning/evening recorded 0.2/0.8 Oktas while average relative humidity observed as 66%. Mean maximum time temperature was recorded as 32.0°C and for the recent week 58.9 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.0/0.3 Knots. The highest maximum temperature was recorded as 34.1°C.

Faisalabad (Central Punjab)

Dry weather reported from Faisalabad during the week; however, clear sky has been observed in the morning/evening while, average relative humidity observed as 65%. Mean maximum time temperature recorded 34.4°C & for the recent week 86.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots. The highest maximum temperature was recorded as 35.3°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, clear sky has been observed in the morning/evening while, average relative humidity observed as 64%. Mean maximum time temperature recorded as 39.4°C & for the recent week 104.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots. The highest maximum temperature was recorded as 41.5°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported from Usta Muhammad during the week; however, clear sky has been observed in the morning/evening while, average relative humidity observed as 59%. Mean maximum time temperature recorded as 34.1°C & for the recent week 150.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/2.0 Knots. The highest maximum temperature was recorded as 34.5°C.

Quetta (Northern Baluchistan)

Rainfall reported as 0.01 (trace) mm from Quetta during the week; however, cloudiness in the morning/evening recorded as 0.1/1.7 Oktas while, average relative humidity observed as 30%. Mean maximum time temperature recorded as 26.9°C & for the recent week 96.3 growing degree days accumulated. Wind speed recorded in the

morning/evening as 2.6/3.1 Knots. The highest maximum temperature was recorded as 28.5°C.

Past Weather for Sub-Regional Agricultural Plains (20th – 27th October 2024)**Multan**

Dry weather reported from Multan during the week; however, clear sky has been observed in the morning/evening while, average relative humidity observed as 57%. Mean maximum time temperature recorded as 35.8°C & for the recent week 99.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

Lahore

Dry weather reported from Lahore during the week; cloudiness in the morning/evening recorded as 0.0/0.6 Oktas, average relative humidity observed as 60%. Mean maximum time temperature recorded as 33.0°C & for the recent week 81.6 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.0/0.9 Knots.

Zhob

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 0.6/0.0 Oktas. Average relative humidity observed as 41%. Mean maximum time temperature recorded as 29.5 °C & for the recent week 45.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/2.0 Knots.

Murree

Dry weather reported from Murree during the week; however, cloudiness in the morning/evening recorded as 0.0/2.7 Oktas while, average relative humidity observed as 59%. Mean maximum time temperature recorded as 21.7°C & for the recent week 10.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.0/1.3 Knots.

D.I. Khan

Dry weather reported from D.I. Khan during the week; however, cloudiness in the morning/evening recorded as 0.7/0.4 Oktas. Average relative humidity observed as 66%. Mean maximum time temperature recorded as 34.9°C & for the recent week 91.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/0.6 Knots.

Peshawar

Rainfall reported as 6.00 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 1.4/3.0 Oktas while, average relative humidity observed as 72%. Mean maximum time temperature was recorded as 31.4°C & for the recent week 61.3 growing degree days accumulated. Wind speed recorded in the morning/evening as calm.

Kalam

Rainfall reported as 2.00 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 0.7/3.9 Oktas while, average relative humidity observed as 52%. Mean maximum time temperature recorded as 20.6°. Wind speed recorded in the morning/evening as calm.

Gilgit

Rainfall reported as 0.01 (trace) mm from Gilgit during the week, cloudiness in the morning/evening recorded as 2.1/3.9 Oktas while, average relative humidity observed as 64%. Mean maximum time temperature recorded as 26.8°C & for the recent week 3.8 growing degree days accumulated. Wind speed recorded in the morning/evening as calm.

Skardu

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 2.1/3.9 Oktas while, average relative humidity observed as 52%. Mean maximum time temperature recorded as 19.7°C. Wind speed recorded in the morning/evening as calm.

**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 crops are sown in the fields of RAMC Faisalabad. Date of sowing 23-04-2024. Phonological Stage: Second Picking. Condition: *Very Good*.

Lower Sindh (Tandojam)

Cotton crops are sown in the fields of RAMC Tandojam. Date of sowing 14-05-2024. Phonological Stage: Harvested on 25-10-2024.

Northern Baluchistan (Quetta)

Wheat crops are sown in the fields of RAMC Quetta. Date of sowing 22-11-2023. Phonological Stage: Harvested.

Eastern Baluchistan (Usta Muhammad)

Rice crop is sown in the fields of RAMC Usta Muhammad. Date of sowing 01-06-2024. Phonological Stage: Milk Maturity. Condition: *Good*.

Actual & Departure of Maximum temperature (°C) for the Previous week (20th – 27th October 2024)

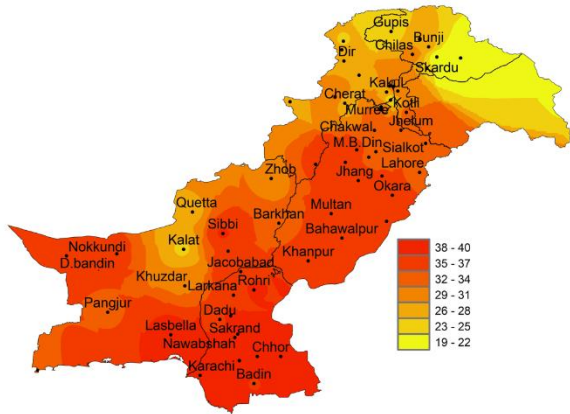


Figure 2: Actual Maximum temperature.

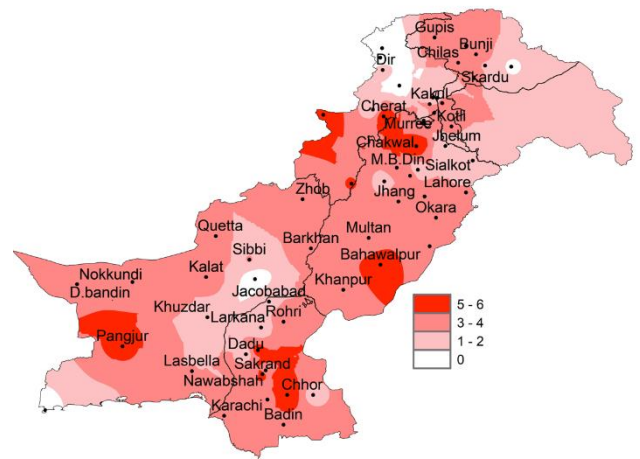


Figure 3: Departure of Maximum temperature.

Actual & Departure of Mean temperature (°C) for the Previous week (20th – 27th October 2024)

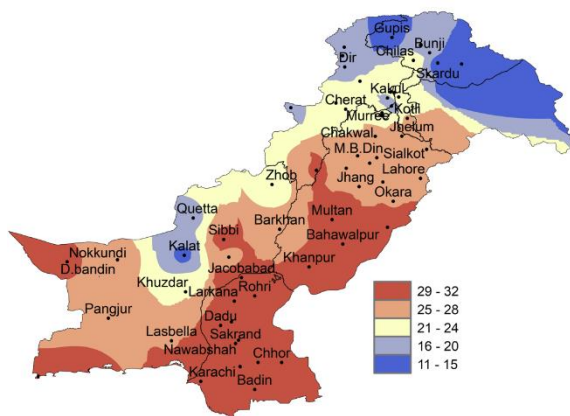


Figure 5: Actual Mean temperature.

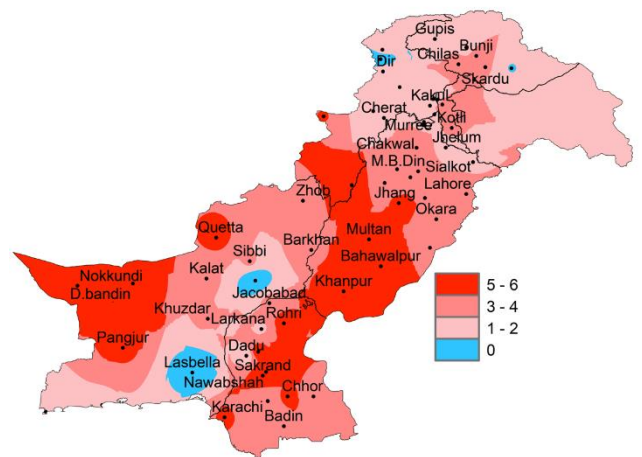


Figure 4: Departure of Mean temperature.

Actual Minimum temperature (°C) during the Previous week (20th – 27th October 2024)

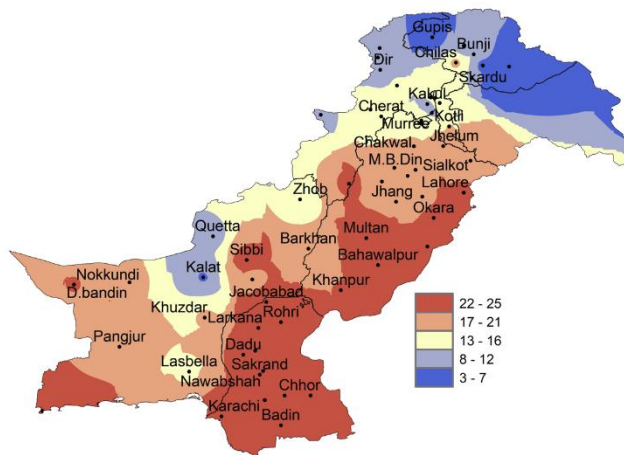


Figure 6: Actual Minimum temperature.

Departure of Minimum temperature (°C) during the Previous week (20th – 27th October 2024)

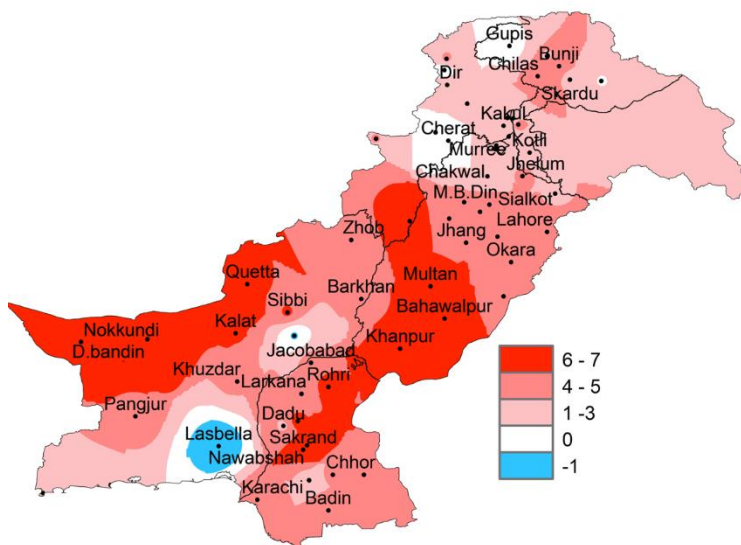


Figure 7: Departure of Minimum temperature.

**Mean Relative Humidity (%) during the
Previous week (20th – 27th October 2024)**

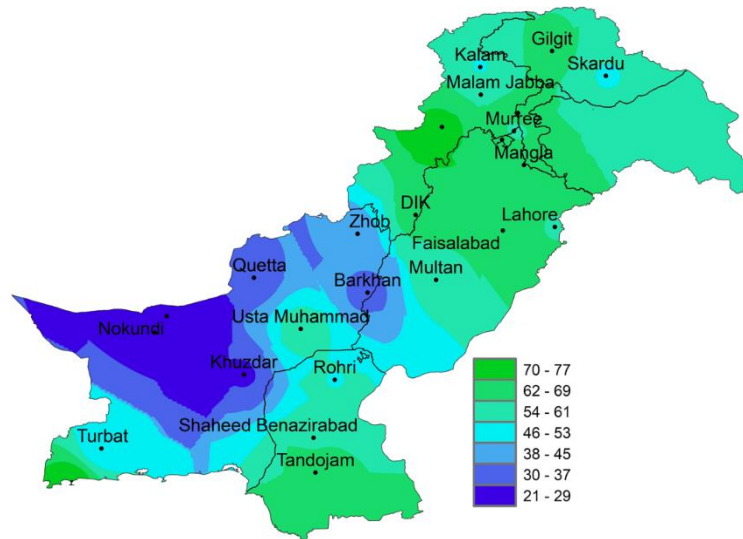


Figure 8: Relative Humidity

**Total Growing Degree Days accumulated during the
Previous week (20th – 27th October 2024)**

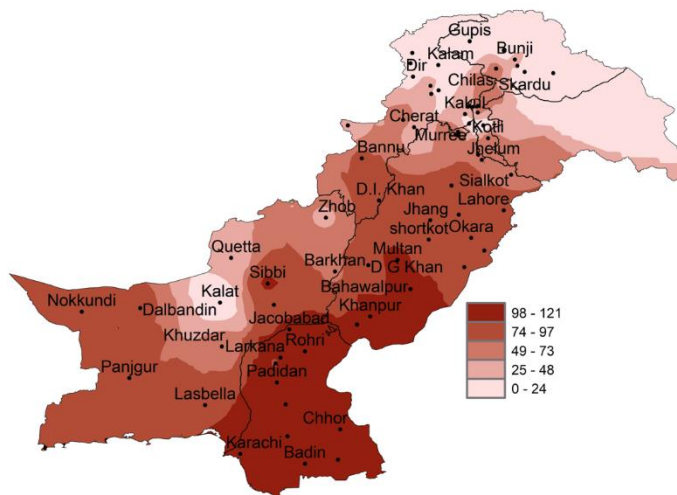


Figure 9: Growing Degree Days

Mean Cloudiness (Octas) at 0800PST during the Previous week (20th – 27th October 2024)

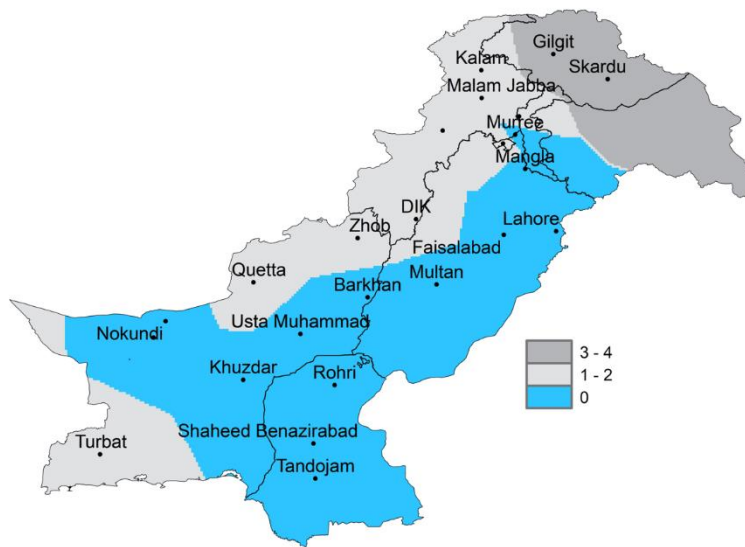


Figure 10: Mean Cloudiness at 0800

Mean Cloudiness (Octas) at 1700PST during the Previous week (20th – 27th October 2024)

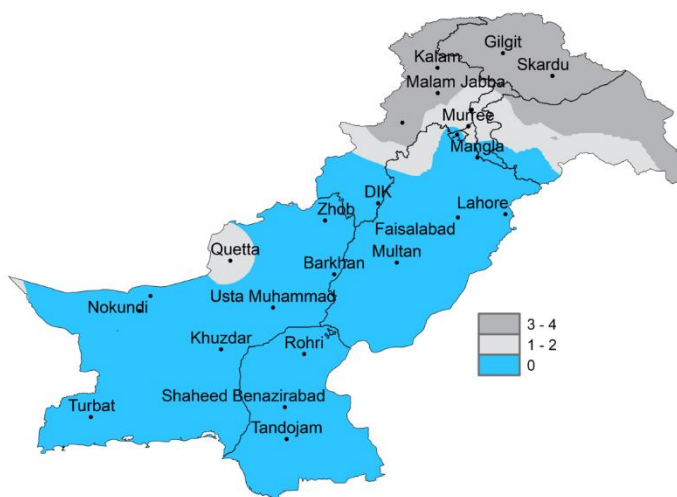


Figure 11: Mean Cloudiness at 1700

**Mean Wind Speed (Knots) at 0800PST during the
Previous week (20th – 27th October 2024)**

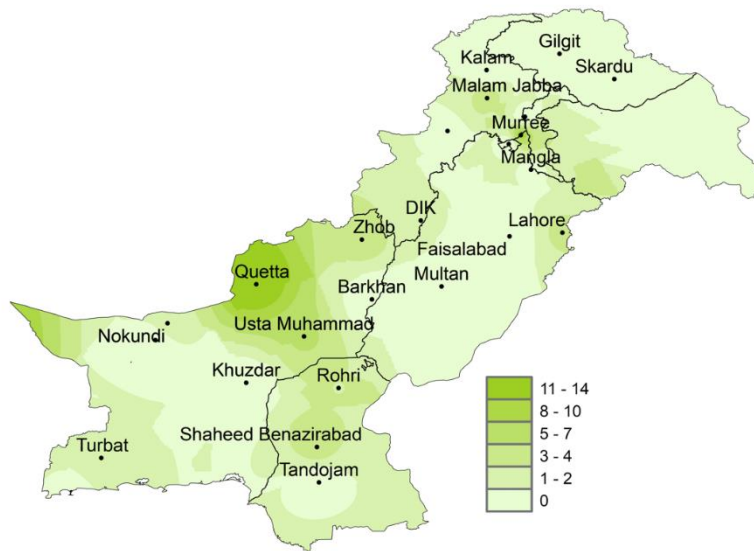


Figure 12: Mean Wind Speed 0300

**Mean Wind Speed (Knots) at 1700PST during the
Previous week (20th – 27th October 2024)**

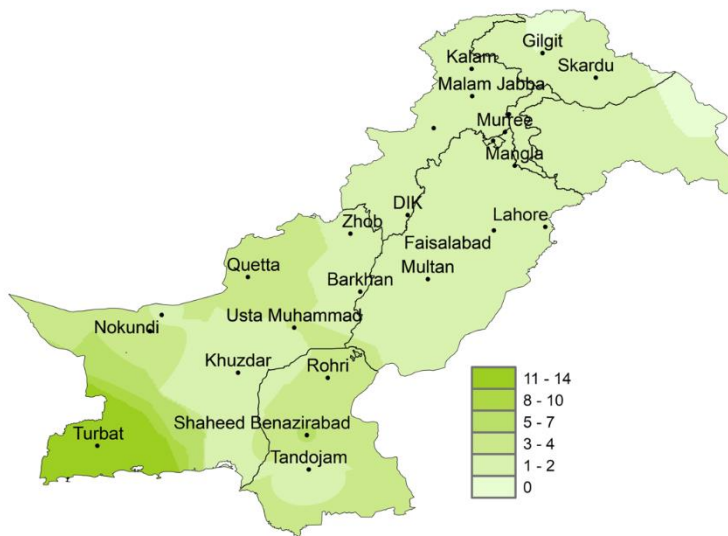
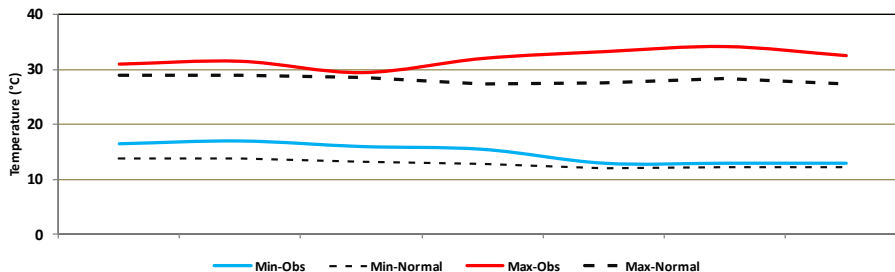


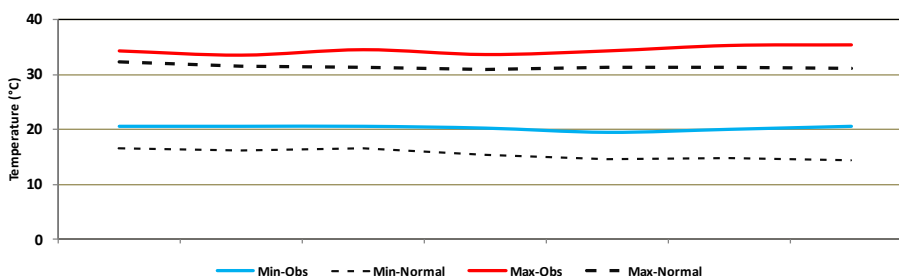
Figure 13: Mean Wind Speed 1700

Comparison of temperatures for RAMCs (Minimum & Maximum with normal) during the previous week (20th – 27th October 2024)

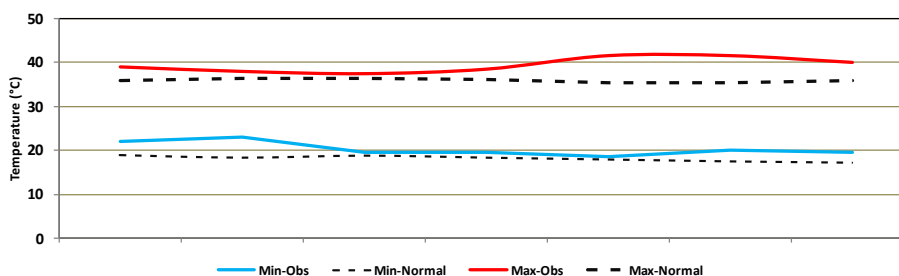
Rawalpindi (Min & Max Temperatures)



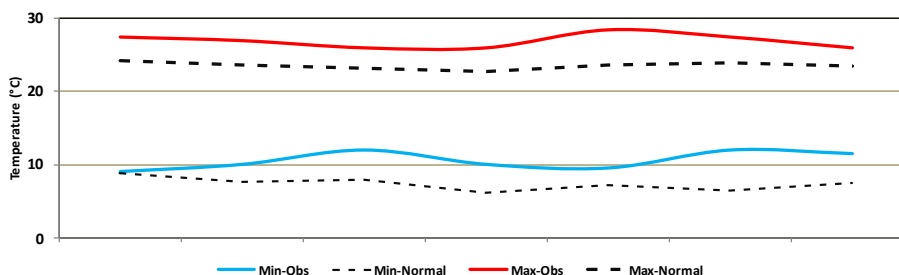
Faisalabad (Min & Max Temperatures)



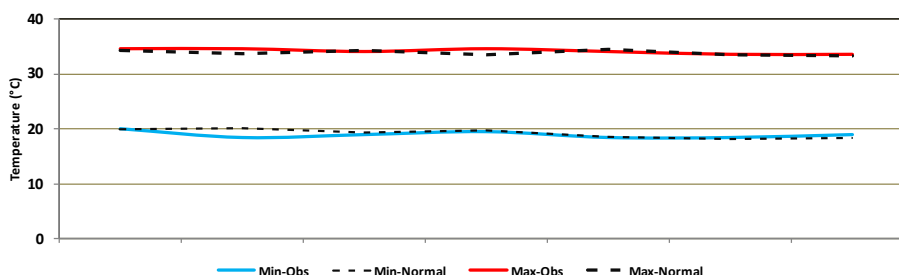
Tandojam (Min & Max Temperatures)



Quetta (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



Weekly Weather Advisory for Farmers**(28th October – 03rd November 2024)**

Continental air is prevailing over most parts of the country. A westerly wave is likely to affect western and upper parts from today (evening).

MONDAY**28-10-2024**

Mainly dry weather is expected in most plain parts of the country, while cloudy weather chances of rain-windstorm/thunderstorm (with light snowfall over high mountains) in upper Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir and upper Punjab during evening/night.

TUESDAY**29-10-2024**

Mainly dry weather is expected in most plain parts of the country, while cloudy weather chances of rain-windstorm/thunderstorm (with light snowfall over high mountains) in upper Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir and upper Punjab.

WEDNESDAY**30-10-2024**

Mainly dry weather is expected in most parts of the country. While cold in hilly areas. However, partly cloudy weather with rain-wind/thunderstorm is likely at isolated places in Chitral, Swat, Kohistan and Gilgit-Baltistan.

THURSDAY**31-10-2024**

Mainly dry weather is expected in most parts of the country. While cold in hilly areas. Smog is likely in few plain areas of Punjab during morning.

FRIDAY**01-11-2024**

Mainly dry weather is expected in most parts of the country. While cold in hilly areas. Smog is likely in few plain areas of Punjab during morning.

SATURDAY**02-11-2024**

Mainly dry weather is expected in most parts of the country. While cold in hilly areas. Smog is likely in few plain areas of Punjab during morning.

SUNDAY**03-11-2024**

Mainly dry weather is expected in most parts of the country. While cold in hilly areas. Smog is likely in few plain areas of Punjab during morning.

ADVISORY FOR FARMERS

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

National Weather Data of Selected Cities from (20th – 27th October 2024)

Stations	Maximum/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	Highest							
D.I. Khan	34.9	37.5	91.8	66	0.00	0.7	0.4	0.6	0.6
Faisalabad	34.4	35.3	86.3	65	0.00	0.0	0.0	0.0	0.6
Gawadar	35.1	36.5	96.8	77	0.00	0.3	0.3	0.3	13.7
Gilgit	26.8	29.5	3.8	64	0.01	2.1	3.9	0.0	0.0
Kalam	20.6	24.0	0.0	52	2.00	0.7	3.9	0.0	0.0
Lahore	33.0	34.0	81.6	60	0.00	0.0	0.6	1.0	0.9
Malam Jabba	19.3	20.5	0.0	61	9.00	0.6	2.9	1.1	0.6
Mangla	32.3	34.3	71.5	66	0.00	0.0	0.6	0.3	1.1
Multan (PBO)	35.8	37.0	99.7	57	0.00	0.0	0.0	0.0	1.1
Murree	21.7	23.7	10.3	59	0.00	0.0	2.7	2.0	1.3
Muzaffarabad	28.9	29.8	43.6	63	0.00	0.7	1.7	0.0	1.4
Sh. Ben. Abad	40.3	42.5	114.0	60	0.00	0.0	0.0	1.1	4.3
Peshawar	31.4	35.4	61.3	72	6.00	1.4	3.0	0.3	1.1
Quetta	26.9	28.5	96.3	30	0.01	0.1	1.7	2.6	3.1
Rawalpindi	32.0	34.1	58.9	66	0.00	0.2	0.8	0.0	0.3
Rohri	37.6	39.5	110.5	52	0.00	0.0	0.0	0.9	2.3
Skardu	19.7	21.0	0.0	52	0.00	2.1	3.9	0.0	0.0
Tandojam	39.4	41.5	104.0	64	0.00	0.0	0.0	0.0	0.6
U.Muhammad	34.1	34.5	150.8	59	0.00	0.0	0.0	1.4	2.0
Zhob	29.5	31.0	45.8	41	0.00	0.6	0.0	1.1	2.0

*** Shows that data was not available.