



## **Past Weather of Provinces** **(04<sup>th</sup> – 10<sup>th</sup> November 2024)**

### **Punjab**

Dry weather reported from Potohar region of the province during the previous week. Weekly maximum and minimum temperatures recorded as 29.5°C & 16.9°C respectively. For the recent week on average 57.4 growing degree days were accumulated. Average relative humidity recorded as 69% and wind speed in the morning/evening recorded as 0.4/0.7 Knots. The lowest minimum temperature was recorded as 10.0°C at Murree.

### **Baluchistan**

Dry weather was reported from the province during the previous week. Weekly maximum and minimum temperatures recorded as 32.2°C & 15.6°C respectively. For the recent week on average 51.3 growing degree days were accumulated. Average relative humidity recorded 40% and wind speed in the morning/evening recorded as 0.9/4.7 Knots. The lowest minimum temperature was recorded as 4.0°C at Kalat.

### **Khyber Pakhtunkhwa**

Light to moderate rain was reported from upper parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 26.2°C & 11.8°C respectively. For the recent week on average 28.9 growing degree days were accumulated. Average relative humidity recorded as 67% and wind speed in the morning/evening recorded as 1.1/1.1 Knots. Maximum rainfall was reported as 15.00 mm from Saidu Sharif. However, the lowest minimum temperature recorded as 4.0°C at Kalam.

### **Sindh**

Hot and dry weather was reported from the province during the previous week. Weekly maximum and minimum temperatures recorded as 32.2°C & 21.1°C respectively. For the recent week, on average 96.0 growing degree days were accumulated. Average relative humidity recorded as 59% and wind speed in the morning/evening

recorded as 1.6/3.8 Knots. The lowest minimum temperature recorded as 17.0°C at Mithi.

### **Gilgit-Baltistan and Azad Jammu & Kashmir**

Light rain was reported from Gilgit Baltistan and light rain from Kashmir during the previous week. Weekly maximum and minimum temperatures recorded as 24.0°C & 7.7°C respectively. For the recent week on average 14.1 growing degree days were accumulated. Average relative humidity recorded as 66%. and wind speed recorded in the morning/evening as 0.0/0.1. The highest rainfall was reported as 1.80 mm from Hunza. However, the lowest minimum temperature recorded as 0.4°C at Skardu.

**Past Weather for Major Agricultural Plains****(04<sup>th</sup> – 10<sup>th</sup> November 2024)****Rawalpindi (Potohar region)**

Dry weather reported from Rawalpindi during the week; however, cloudiness in the morning/evening recorded 2.0/1.6 Oktas while average relative humidity observed as 76%. Mean minimum time temperature was recorded as 12.7°C and for the recent week 38.7 growing degree days were accumulated. Wind speed recorded in the morning/evening as calm. The lowest minimum temperature was recorded as 11.5°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 79%. Mean minimum time temperature recorded 18.1°C & for the recent week 58.6 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/0.3 Knots. The lowest minimum temperature was recorded as 17.0°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 minimum time temperature recorded as 17.8°C & for the recent week 87.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/3.1 Knots. The lowest minimum temperature was recorded as 16.5°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 67%. Mean minimum time temperature recorded as 17.7°C & for the recent week 147.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.5/1.4 Knots. The lowest minimum temperature was recorded as 16.0°C.

**Quetta (Northern Baluchistan)**

Dry weather reported from Quetta during the week; however, however, clear sky has been observed in the morning/evening while, average relative humidity observed as 29%. Mean minimum time temperature recorded as 9.9°C & for the recent week 90.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/2.8

Knots. The lowest minimum temperature was recorded as 8.0°C.

**Past Weather for Sub-Regional Agricultural Plains (04<sup>th</sup> – 10<sup>th</sup> November 2024)****Multan**

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 3.9/1.3 Oktas while average relative humidity observed as 76%. Mean minimum time temperature recorded as 18.7°C & for the recent week 63.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/0.6 Knots.

**Lahore**

Dry weather reported from Lahore during the week; cloudiness in the morning/evening recorded as 3.9/2.6 Oktas, average relative humidity observed as 79%. Mean minimum time temperature recorded as 17.6°C & for the recent week 57.3 growing degree days accumulated. Wind speed recorded in the morning/evening as calm.

**Zhob**

Dry weather reported from Zhob during the week; however, clear sky has been observed in the morning/evening. Average relative humidity observed as 32%. Mean minimum time temperature recorded as 14.1 °C & for the recent week 51.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.3/2.6 Knots.

**Murree**

Dry weather reported from Murree during the week; however, cloudiness in the morning/evening recorded as 1.1/1.6 Oktas while, average relative humidity observed as 52%. Mean minimum time temperature recorded as 11.3°C & for the recent week 11.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/1.4 Knots.

**D.I. Khan**

Dry weather reported from D.I. Khan during the week; however, cloudiness in the morning/evening recorded as 1.3/0.0 Oktas. Average relative humidity observed as 76%. Mean minimum time temperature recorded as 18.0°C & for the recent week 61.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

**Peshawar**

Dry weather reported from Peshawar during the week; however, cloudiness in the morning/evening recorded as 2.6/3.0 Oktas while, average relative humidity observed as 80%. Mean minimum time temperature was recorded as 15.0°C & for the recent week 46.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

**Kalam**

Rainfall reported as 8.40 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 1.4/3.0 Oktas while, average relative humidity observed as 59%. Mean minimum time temperature recorded as 5.6°C. Wind speed recorded in the morning/evening as 0.3/0.0 Knots.

**Gilgit**

Rainfall reported as 0.01(trace) mm from Gilgit during the week, cloudiness in the morning/evening recorded as 2.0/3.6 Oktas while, average relative humidity observed as 65%. Mean minimum time temperature recorded as 5.1°C. Wind speed recorded in the morning/evening as 0.0/0.6.

**Skardu**

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 1.0/3.0 Oktas while, average relative humidity observed as 59%. Mean minimum time temperature recorded as 1.4°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)**

Land is being prepared for the up-coming crops at RAMC Faisalabad.

**Lower Sindh (Tandojam)**

Land is being prepared for the up-coming crops at RAMC Tandojam.

**Northern Baluchistan (Quetta)**

No crop in the fields of RAMC Quetta.

**Eastern Baluchistan (Usta Muhammad)**

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

**Actual & Departure of Maximum temperature (°C) for the Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)**

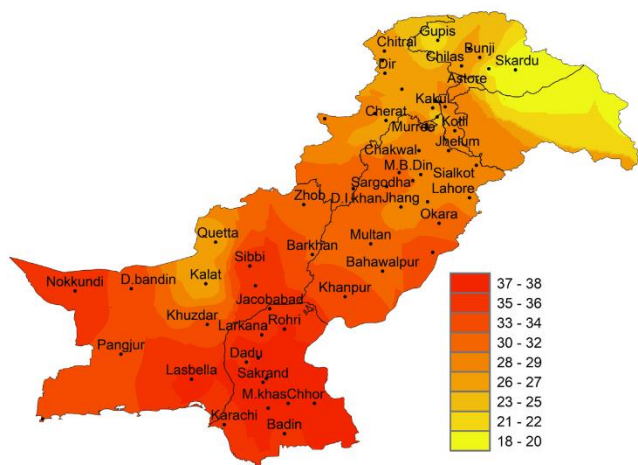


Figure 2: Actual Maximum temperature.

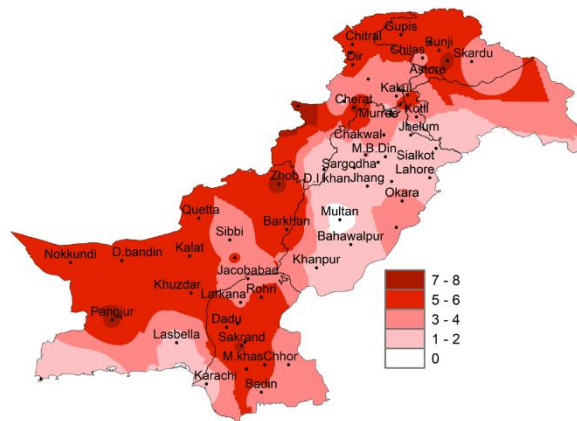


Figure 3: Departure of Maximum temperature.

**Actual & Departure of Mean temperature (°C) for the Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)**

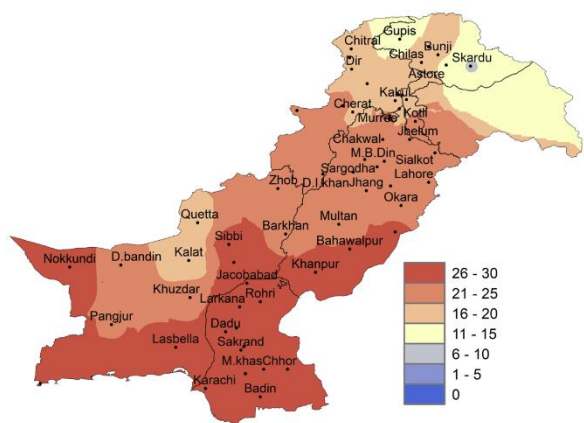


Figure 5: Actual Mean temperature.

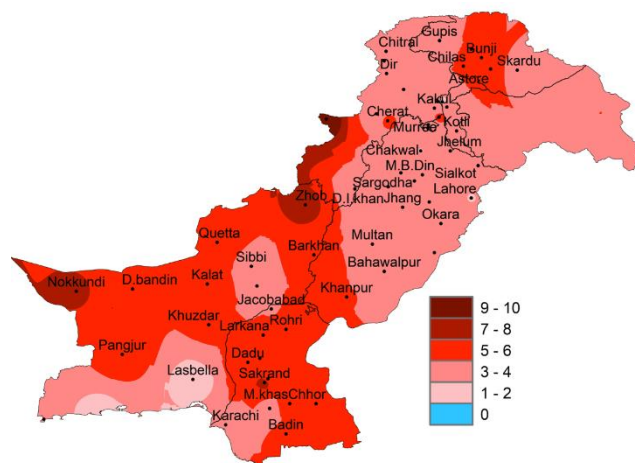


Figure 4: Departure of Mean temperature.

Actual Minimum temperature (°C) during the Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)

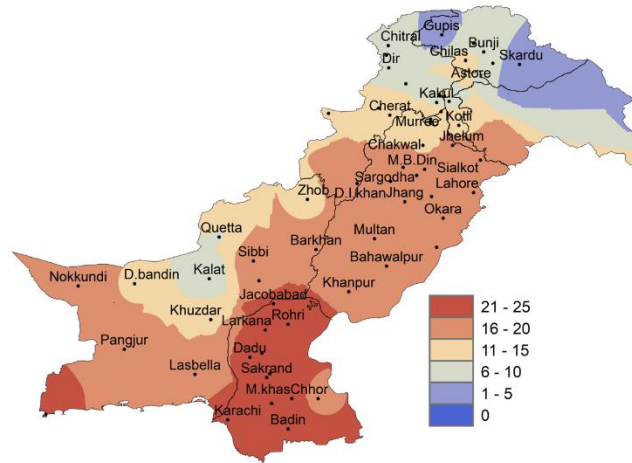


Figure 6: Actual Minimum temperature.

Departure of Minimum temperature (°C) during the Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)

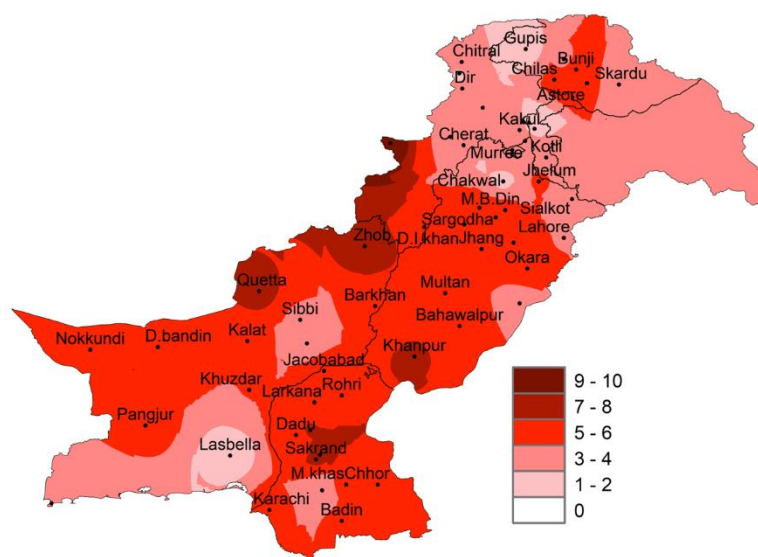


Figure 7: Departure of Minimum temperature.

Mean Relative Humidity (%) during the Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)

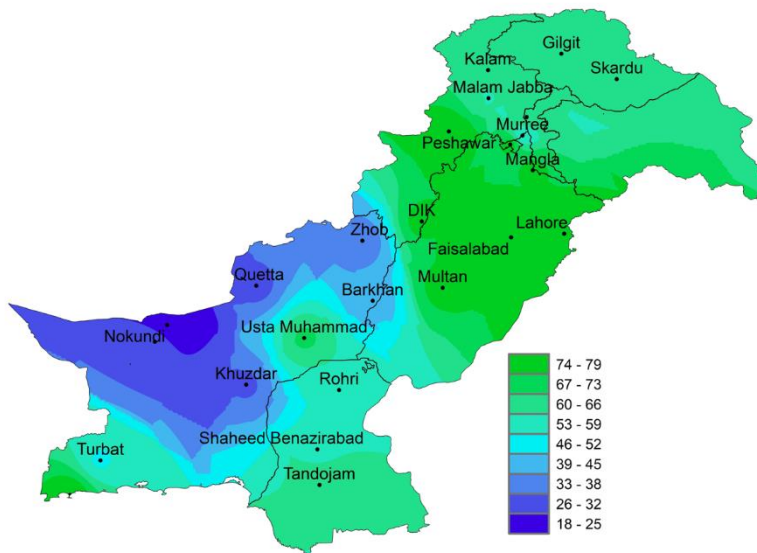


Figure 8: Relative Humidity

Total Growing Degree Days accumulated during the Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)

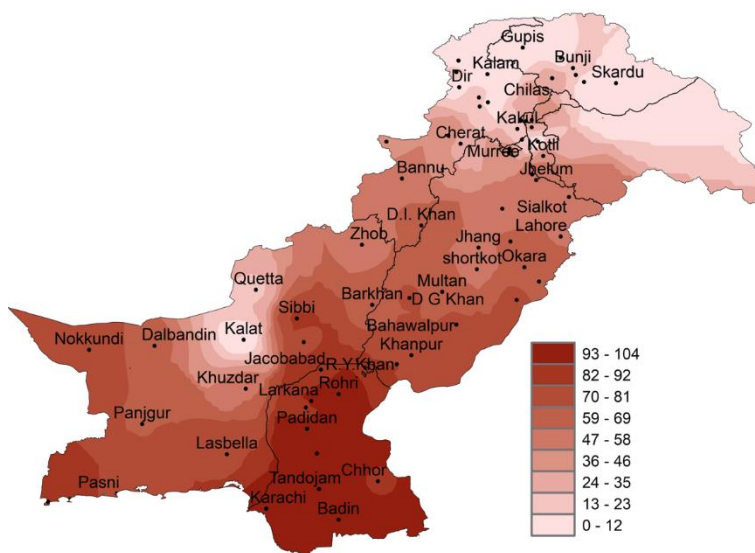


Figure 9: Growing Degree Days

**Mean Cloudiness (Octas) at 0800PST during the  
Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)**

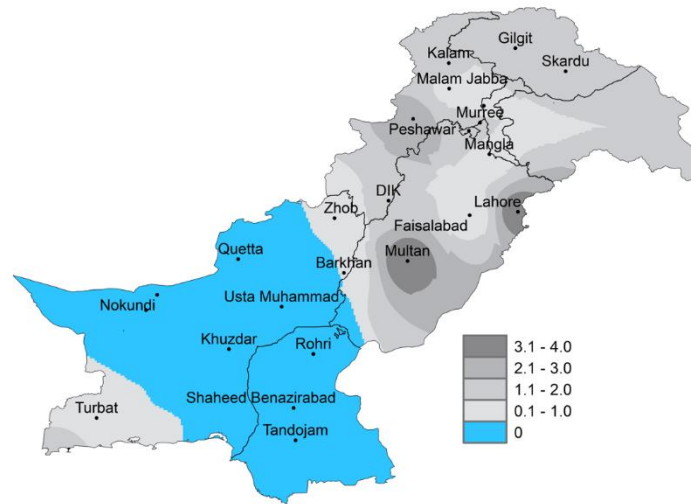


Figure 10: Mean Cloudiness at 0800

**Mean Cloudiness (Octas) at 1700PST during the  
Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)**

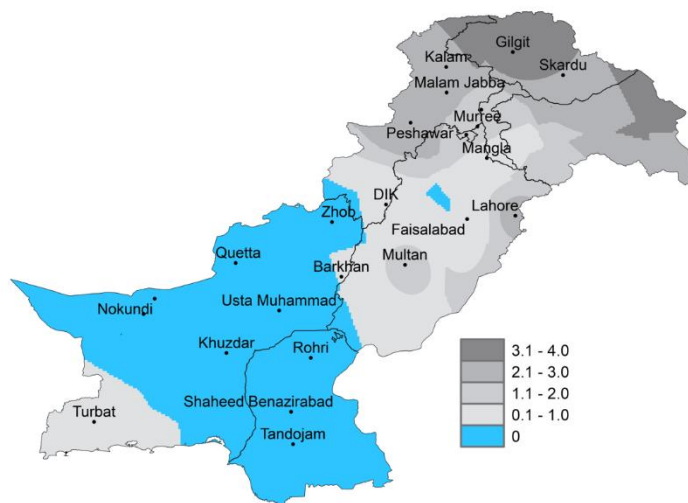


Figure 11: Mean Cloudiness at 1700



**Mean Wind Speed (Knots) at 0800PST during the  
Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)**

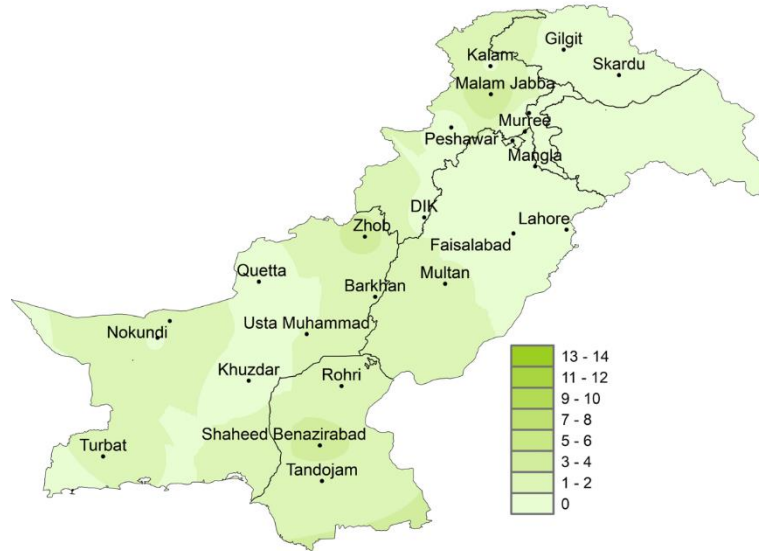


Figure 12: Mean Wind Speed 0300

**Mean Wind Speed (Knots) at 1700PST during the  
Previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)**

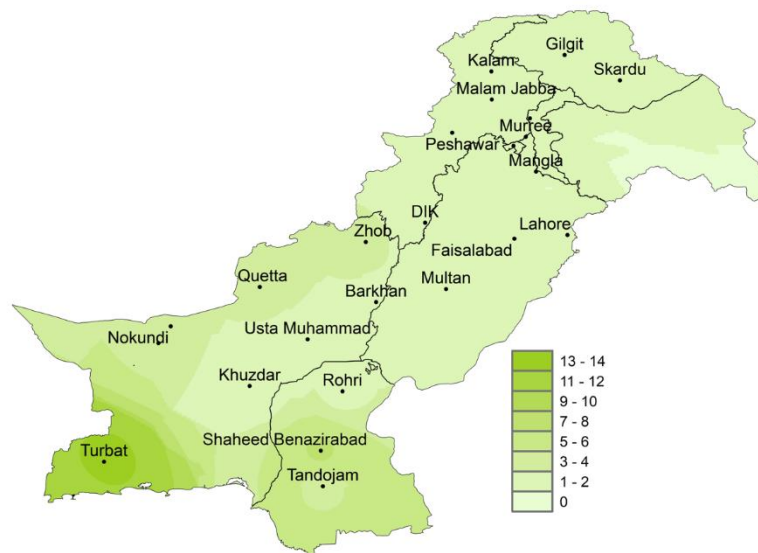
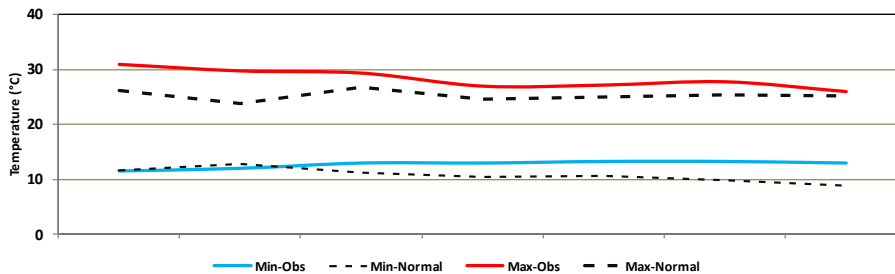


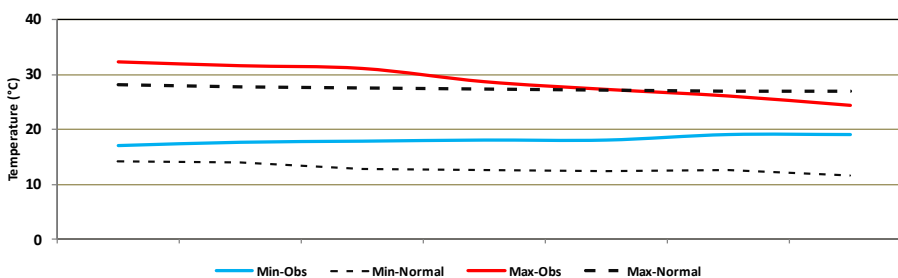
Figure 13: Mean Wind Speed 1700

Comparison of temperatures for RAMCs (Minimum & Maximum with normal) during the previous week (04<sup>th</sup> – 10<sup>th</sup> November 2024)

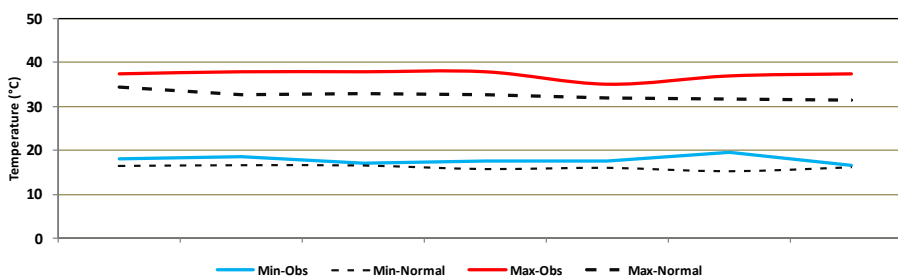
Rawalpindi (Min & Max Temperatures)



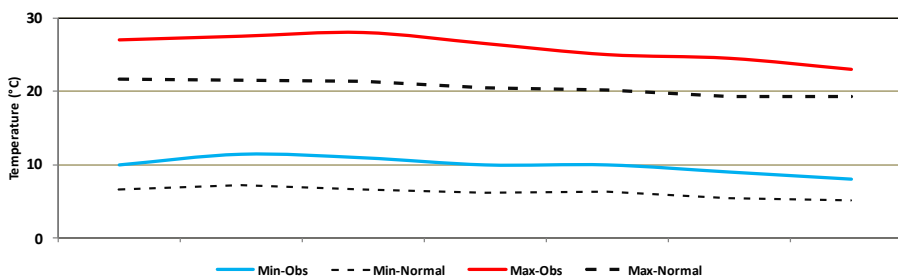
Faisalabad (Min & Max Temperatures)



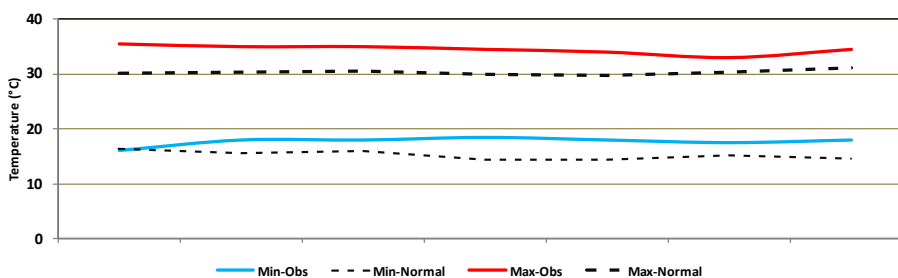
Tandojam (Min & Max Temperatures)



Quetta (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



**Weekly Weather Advisory for Farmers****(11<sup>th</sup> – 17<sup>th</sup> November 2024)**

A westerly wave is affecting over upper parts of the country and likely to persist till tomorrow (morning).

**MONDAY****11-11-2024**

Cloudy weather with rain-wind/thunderstorm (light snowfall over high mountains) is likely in Gilgit-Baltistan, upper Khyber-Pakhtunkhwa, Kashmir and Potohar region. Partly cloudy weather with light rain/thunderstorm may occur at isolated place in northeast Punjab during evening/night. Smog is likely to prevail in plain areas of Khyber Pakhtunkhwa and most parts of Punjab, while dense fog is also likely during night hours.

**TUESDAY****12-11-2024**

Mainly dry weather is expected in most parts of the country, while cold in hilly areas during morning/night hours. However, cloudy weather with rain-wind/thunderstorm (light snowfall over high mountains) is likely at isolated places in Gilgit-Baltistan. Smog is likely to prevail in plain areas of Khyber Pakhtunkhwa and most parts of Punjab, while dense fog is also likely during morning/night hours.

**WEDNESDAY****13-11-2024**

Mainly dry weather is expected in most parts of the country. However, cloudy weather with chances of rain (light snowfall over mountain) are likely in upper Khyber Pakhtunkhwa, Gilgit-Baltistan and Kashmir. Smog/ fog is likely in plain areas of Punjab, Khyber-Pakhtunkhwa and upper Sindh.

**THURSDAY****14-11-2024**

Mainly dry weather is expected in most parts of the country. However, cloudy weather with chances of rain (snowfall over mountain) are likely in upper Khyber Pakhtunkhwa, Gilgit-Baltistan, Kashmir, while partly cloudy weather with rain-wind/thunderstorm is likely in Pothohar region. Smog/ fog is likely in plain areas of Punjab, Khyber-Pakhtunkhwa and upper Sindh.

**FRIDAY****15-11-2024**

Cloudy weather with rain (snowfall over mountain) are likely in upper Khyber Pakhtunkhwa, Gilgit-Baltistan, Kashmir. Rain-wind/thunderstorm is likely at isolated places in lower Khyber

Pakhtunkhwa, Islamabad and upper Punjab. Smog / fog is likely in plain areas of Punjab and upper Sindh. Dry weather is expected in other parts of the country.

**SATURDAY****16-11-2024**

Cloudy weather with rain (snowfall over mountain) are likely in upper Khyber Pakhtunkhwa, Gilgit-Baltistan, Kashmir. Rain-wind/thunderstorm is likely at isolated places in Potohar region. Smog / fog is likely in plain areas of Punjab and upper Sindh. Dry weather is expected in other parts of the country.

**SUNDAY****17-11-2024**

Mainly dry weather is expected in most parts of the country. However, cold in northern areas. Smog / fog is likely in plain areas of Punjab, Khyber-Pakhtunkhwa and upper Sindh.

**ADVISORY FOR FARMERS**

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

**National Weather Data of Selected Cities from (04<sup>th</sup> – 10<sup>th</sup> November 2024)**

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	18.0	17.5	61.8	76	0.00	1.3	0.0	0.3	0.3
Faisalabad	18.1	17.0	58.6	79	0.00	0.0	0.0	0.3	0.3
Gwadar	20.6	19.0	87.0	79	0.00	1.4	0.4	0.0	10.0
Gilgit	5.1	4.0	0.0	65	0.01	2.0	3.6	0.0	0.6
Kalam	5.6	4.0	0.0	59	8.40	1.4	3.0	0.3	0.0
Khuzdar	14.3	13.5	57.0	30	0.00	0.0	0.0	0.0	0.0
Lahore	17.6	17.2	57.3	79	0.00	3.9	2.6	0.0	0.0
Malam Jabba	9.6	8.5	0.0	59	8.00	0.6	2.6	4.0	1.1
Mangla	14.6	14.4	48.3	75	0.00	0.0	0.0	0.0	0.0
Multan (PBO)	18.7	18.0	63.8	76	0.00	3.9	1.3	0.6	0.6
Murree	11.3	10.0	11.7	52	0.00	1.1	1.6	0.6	1.4
Muzaffarabad	10.7	10.0	26.7	63	0.00	0.4	1.3	0.0	0.0
Sh. Ben. Abad	20.4	20.0	100.8	57	0.00	0.0	0.0	2.6	7.1
Peshawar	15.0	13.7	46.3	80	0.00	2.6	3.0	0.0	0.6
Quetta	9.9	8.0	90.5	29	0.00	0.0	0.0	0.0	2.8
Rawalpindi	12.7	18.0	38.7	76	0.00	2.0	1.6	0.0	0.0
Rohri	22.1	21.5	99.5	56	0.00	0.0	0.0	1.1	1.1
Skardu	1.4	0.4	0.0	59	0.00	1.0	3.0	0.0	0.0
Tandojam	17.8	16.5	87.8	64	0.00	0.0	0.0	1.1	3.1
U.Muhammad	17.7	16.0	147.8	67	0.00	0.0	0.0	0.5	1.4
Zhob	14.1	13.0	51.3	32	0.00	0.0	0.0	2.3	2.6

\*\*\* Shows that data was not available.