

Weekly Weather and Crop Bulletin for Pakistan

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Rainfall Distribution (mm) during the Previous Week (17th – 23rd February 2025)

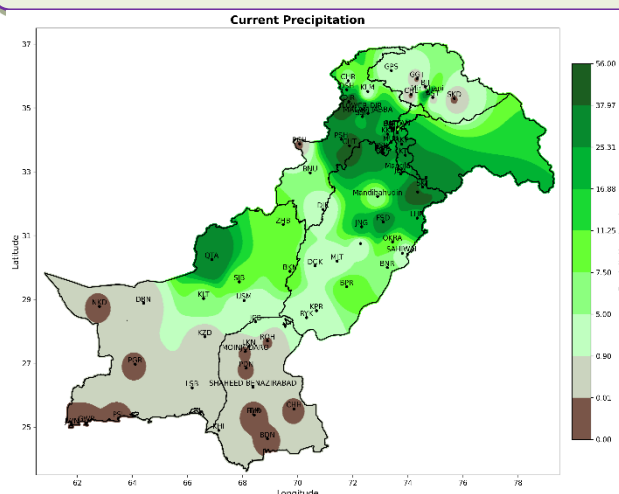


Figure 1: Rainfall.

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Highlights of Past Weather (17th – 23rd February 2025)

- Light to moderate rainfall was reported particularly from northwestern Baluchistan, central parts of Khyber Pakhtunkhwa, Pothohar region, northeastern and Central Punjab along the adjoining areas of Azad Jammu & Kashmir and a few parts of Gilgit Baltistan.
- Above normal daily maximum temperatures were observed in most parts whereas nearly normal in the central and southern parts of Punjab, northern Baluchistan and upper Sindh.
- Normal to above normal daily minimum temperatures were observed in most of the central to upper parts of the country whereas below normal in some areas of Sindh and northwestern Balochistan.
- Above normal daily mean temperatures were observed in most parts of the country whereas below normal in northwestern Balochistan particularly in Quetta valley.

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

Editor: Beenish Nazakat (Assistant Meteorologist)

Past Weather of Provinces **(17th – 23rd February 2025)**

Punjab

Light to moderate rain was observed particularly from the upper parts including Pothohar region and northeastern Punjab during the previous week. Weekly maximum and minimum temperatures recorded as 24.2°C & 9.9°C respectively. For the recent week, on average 8.0 growing degree days were accumulated. Average relative humidity recorded as 61% and wind speed in the morning/evening recorded as 1.7/3.1 Knots. Highest rainfall was reported as 49.50 mm from Narowal. However, the lowest minimum temperature was recorded as -2.3°C at Murree.

Baluchistan

Light to moderate rainfall was reported from the northwestern parts of the province particularly Quetta valley during the previous week. Weekly maximum and minimum temperatures recorded as 24.6°C & 10.2°C respectively. For the recent week on average 27.5 growing degree days were accumulated. Average relative humidity recorded 43% and wind speed in the morning/evening recorded as 1.2/5.0 Knots. The highest rainfall was reported as 37.70 mm from Quetta. However, the lowest minimum temperature was recorded -1.5°C at Kalat.

Khyber Pakhtunkhwa

Light to moderate rainfall was reported from the most of the central parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as 18.0°C & 4.1°C respectively. Average relative humidity recorded as 67% and wind speed in the morning/evening recorded as 0.9/1.2 Knots. The highest rainfall was reported as 56.00 mm from Dir. However, the lowest minimum temperature was recorded as -4.0°C at Parachinar.

Sindh

Light rainfall was reported from the upper parts of the province during the previous week. Weekly maximum and minimum temperatures recorded as

30.2°C & 15.4°C respectively. For the recent week, on average 54.5 growing degree days were accumulated. Average relative humidity recorded as 61% and wind speed in the morning/evening recorded as 2.1/6.4 Knots. The maximum rainfall was reported as 3.00 mm from Jacobabad. The lowest minimum temperature recorded as 0.0°C at Sukkur.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall was reported from most parts of Azad Jammu & Kashmir and a few parts of Gilgit Baltistan during the previous week. Weekly maximum and minimum temperatures are recorded as 16.0°C & 2.7°C respectively. Average relative humidity recorded as 53%. and wind speed recorded in the morning/evening as 0.4/1.9. The highest rainfall was reported as 28.20 mm from Rawalakot. However, the lowest minimum temperature was recorded as -4.0 °C at Gupis.

Past Weather for Major Agricultural Plains**(17th – 23rd February 2025)****Rawalpindi (Potohar region)**

Rainfall reported as 27.60 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded 2.4/4.0 Oktas while average relative humidity observed as 62%. Mean night time temperature was recorded as 7.2°C. Mean wind speed recorded in the morning/evening as 0.0/0.6 Knots. The lowest minimum temperature was recorded as 5.4°C.

Faisalabad (Central Punjab)

Rainfall reported as 29.40 mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 1.1/2.4 Oktas during the week while, average relative humidity observed as 68%. Mean night time temperature recorded as 10.6°C & for the recent week 17.9 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 0.3/2.9 Knots. The lowest minimum temperature was recorded as 9.0°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, cloudiness in the morning/evening recorded as 0.7/1.3 Oktas during the week while, average relative humidity observed as 65%. Mean night time temperature recorded as 15.9°C & for the recent week 55.8 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 1.1/2.9 Knots. The lowest minimum temperature was recorded as 13.5°C.

Usta Muhammad (Eastern Baluchistan)

Rainfall reported as 1.00 mm from Usta Muhammad during the week; however, cloudiness in the morning/evening recorded as 3.0/2.7 Oktas during the week, while average relative humidity observed as 68%. Mean night time temperature recorded as 13.8°C & for the recent week 111.5 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 1.4/2.5 Knots. The lowest minimum temperature was recorded as 13.0°C.

Quetta (Northern Baluchistan)

Rainfall reported as 32.00 mm from Quetta during the week; however, cloudiness in the morning/evening recorded as 3.4/5.7 Oktas while, average relative humidity observed as 56%. Mean minimum time temperature recorded as 5.2°C & for the recent week 37.3 growing degree days accumulated. Mean wind speed recorded in the

morning/evening as 2.8/3.3 Knots. The lowest minimum temperature was recorded as 3.0°C.

Past Weather for Sub-Regional Agricultural Plains (17th – 23rd February 2025)**Multan**

Rainfall was reported as 3.01 mm from Multan during the week; however, cloudiness in the morning/evening recorded as 2.7/3.1 Oktas while average relative humidity observed as 66%. Mean night time temperature recorded as 11.9° C & for the recent week 23.3 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 0.7/4.6 Knots.

Lahore

Rainfall reported as 22.00 mm from Lahore during the week; cloudiness in the morning/evening recorded as 4.2/3.0 Oktas while average relative humidity observed as 63%. Mean night time temperature recorded as 11.0° C & for the recent week 16.5 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 1.7/3.7 Knots.

Zhob

Rainfall reported as 9.00 mm from Zhob during the week; however, cloudiness in the morning/evening recorded as 1.6/3.7 Oktas during the week while, average relative humidity observed as 42%. Mean night time temperature recorded as 0.9°C. Mean wind speed recorded in the morning/evening as 2.6/2.6 Knots.

Murree

Rainfall reported as 23.00 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 3.0/6.4 Oktas while, average relative humidity observed as 55%. Mean night time temperature recorded as 0.0°C. Mean wind speed recorded in the morning/evening as 2.7/1.1 Knots.

D.I. Khan

Rainfall reported as 2.50 mm from D.I. Khan during the week; however, however, cloudiness in the morning/evening recorded as 1.6/2.9 Oktas while average relative humidity observed as 64%. Mean night time temperature recorded as 10.8° C & for the recent week 18.3 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 0.7/0.7 Knots.

Peshawar

Rainfall reported as 35.20 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 1.9/3.9 Oktas while, average relative humidity observed as 61%. Mean

night time temperature was recorded as 7.5°C & for the recent week 5.8 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 1.1/1.7 Knots.

Kalam

Rainfall was reported as 4.00 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 3.6/4.0 Oktas while, average relative humidity observed as 50%. Mean night time temperature recorded as -2.7°C. Calm wind recorded in the morning/evening.

Gilgit

Dry weather reported from Gilgit during the week, cloudiness in the morning/evening recorded as 5.4/5.0 Oktas while, average relative humidity observed as 43%. Mean night time temperature recorded as 2.5°C. Mean wind speed recorded in the morning/evening as 0.0/4.3 Knots.

Skardu

Dry weather reported from Skardu during the week; however, cloudiness in the morning/evening recorded as 5.3/4.0 Oktas while average relative humidity observed as 50%. Mean night time temperature recorded as 0.0°C. Calm wind recorded 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)

Wheat crops are sown in the fields of RAMC Faisalabad. Date of sowing: 25-11-2024. Phonological Stage: Heading. Condition: Very good.

Lower Sindh (Tandojam)

Wheat crops are sown in the fields of RAMC Tandojam. Date of sowing 14-11-2024. Phonological Stage: Flowering. Condition: Very Good.

Northern Baluchistan (Quetta)

Wheat crops are sown in the fields of RAMC Quetta. Phonological Stage: Tillering. Condition: Good.

Eastern Baluchistan (Usta Muhammad)

Wheat crop is sown in the fields of RAMC Usta Muhammad. Phonological Stage: Shooting. Condition: *Good*.

Actual & Departure of Maximum temperature (°C) for the Previous week (17th – 23rd February 2025)

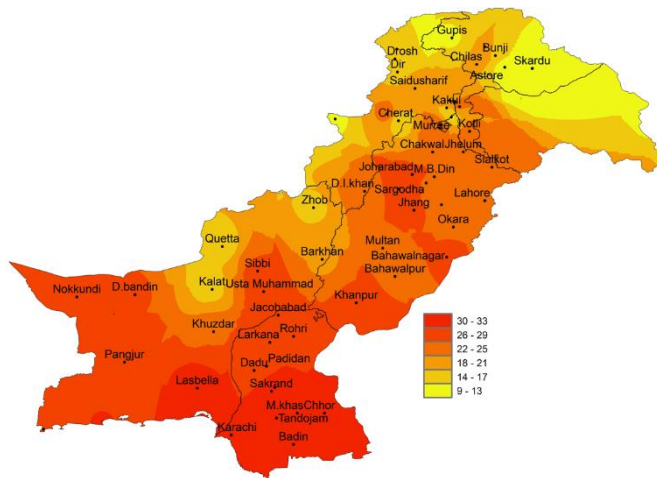


Figure 2: Actual Maximum temperature.

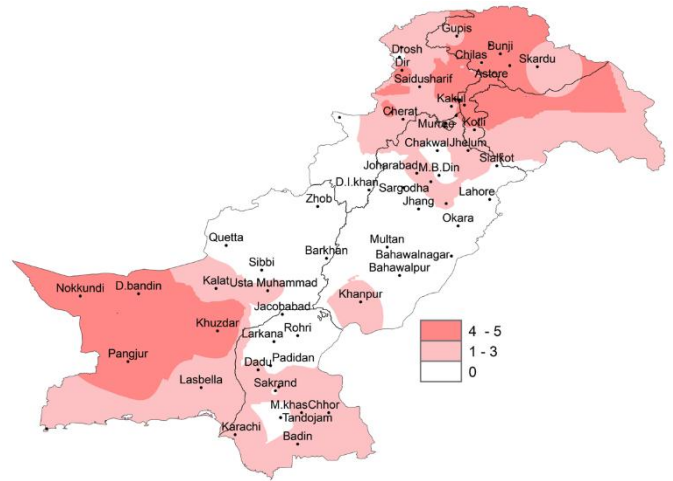


Figure 3: Departure of Maximum temperature.

Actual & Departure of Mean temperature (°C) for the Previous week (17th – 23rd February 2025)

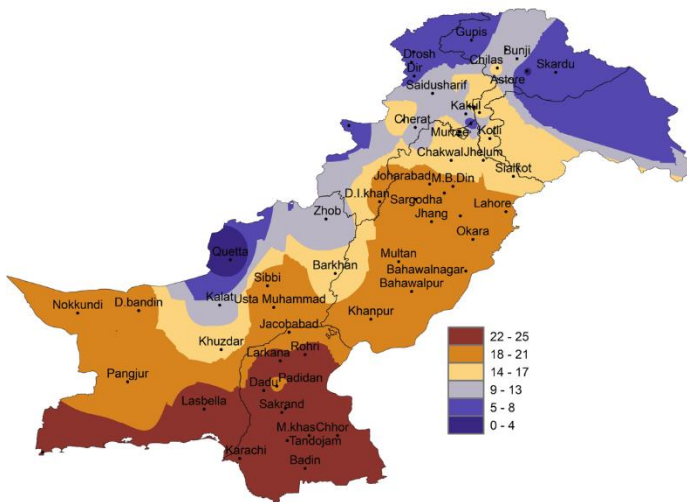


Figure 5: Actual Mean temperature.

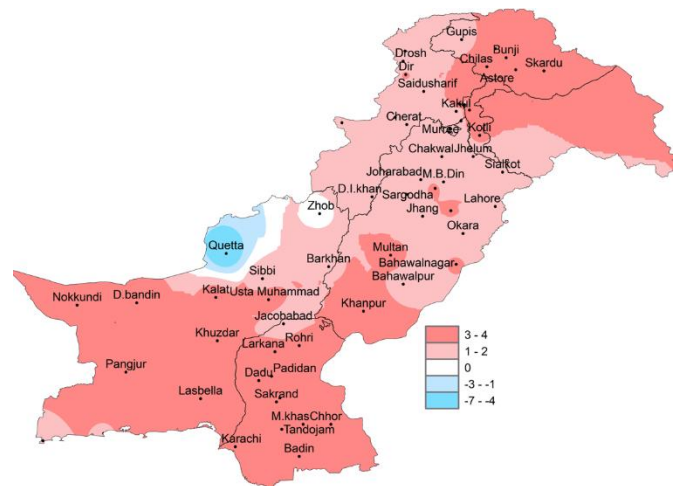


Figure 4: Departure of Mean temperature.

**Actual Minimum temperature (°C) during the
Previous week (17th – 23rd February 2025)**

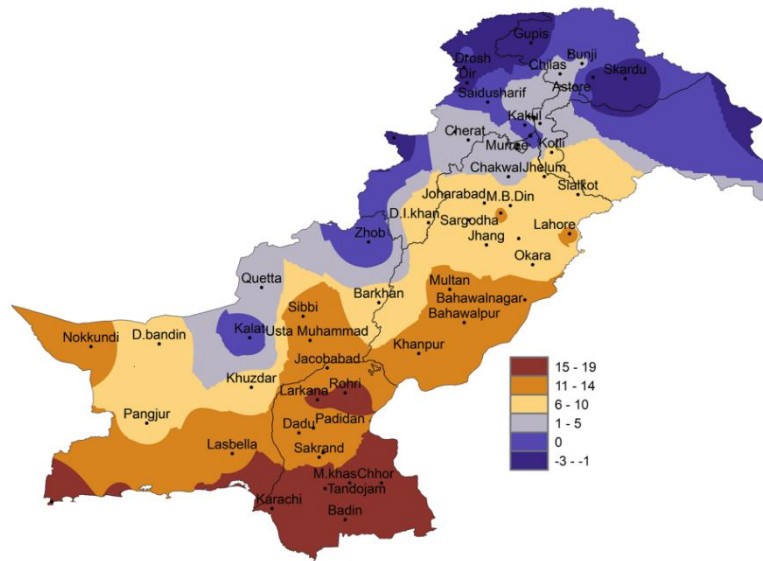


Figure 6: Actual Minimum temperature.

**Departure of Minimum temperature (°C) during the
Previous week (17th – 23rd February 2025)**

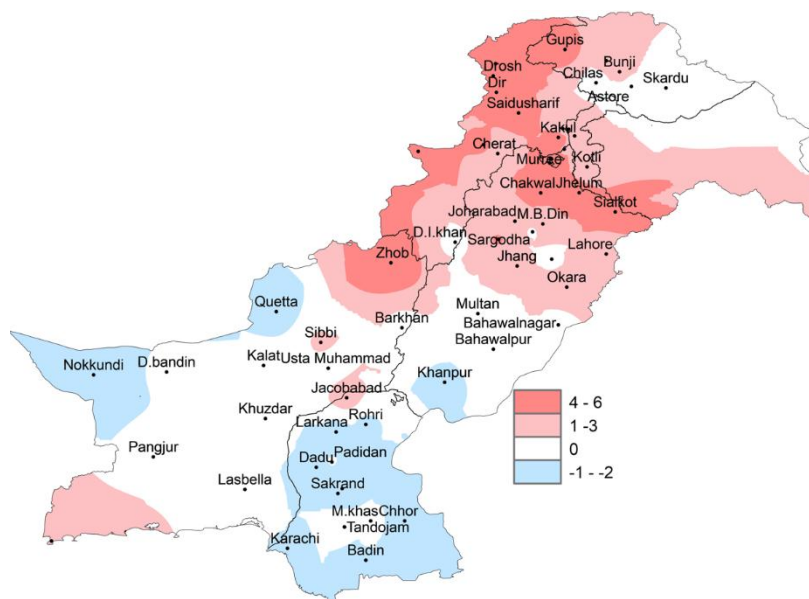


Figure 7: Departure of Minimum temperature.

**Mean Relative Humidity (%) during the
Previous week (17th – 23rd February 2025)**

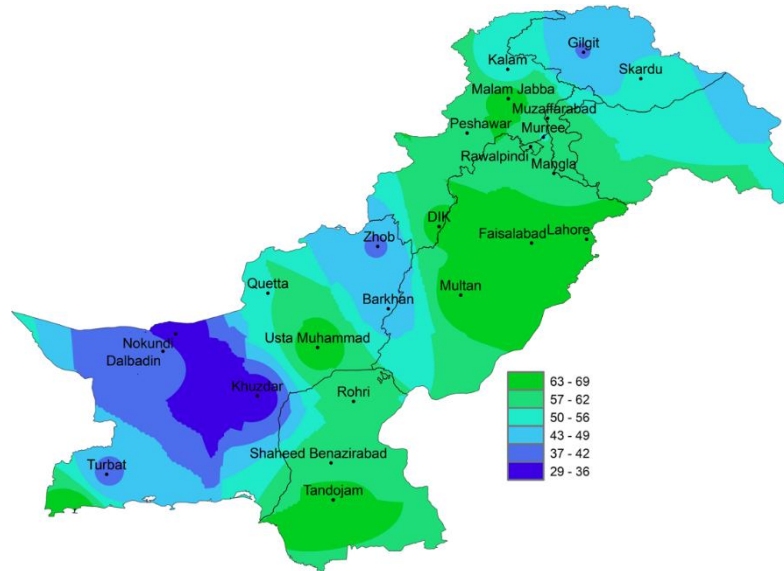


Figure 8: Relative Humidity

**Total Growing Degree Days accumulated during the
Previous week (17th – 23rd February 2025)**

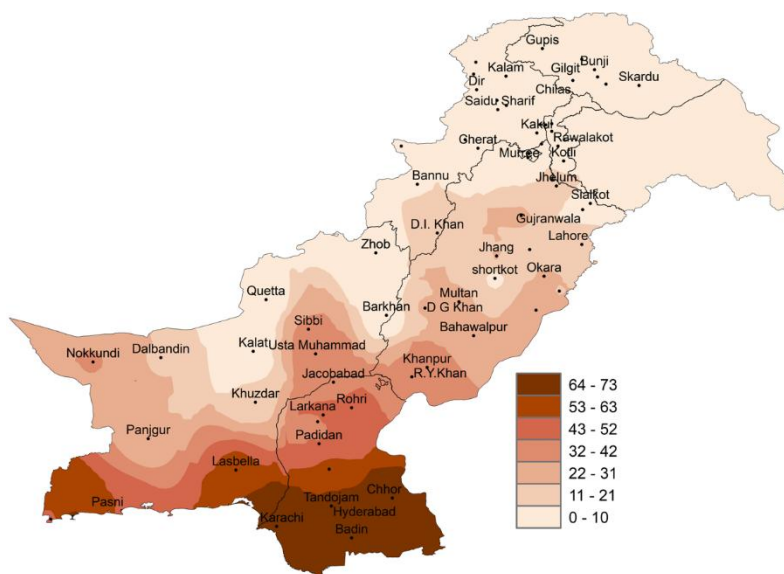


Figure 9: Growing Degree Days

Mean Cloudiness (Octas) at 0800PST during the Previous week (17th – 23rd February 2025)

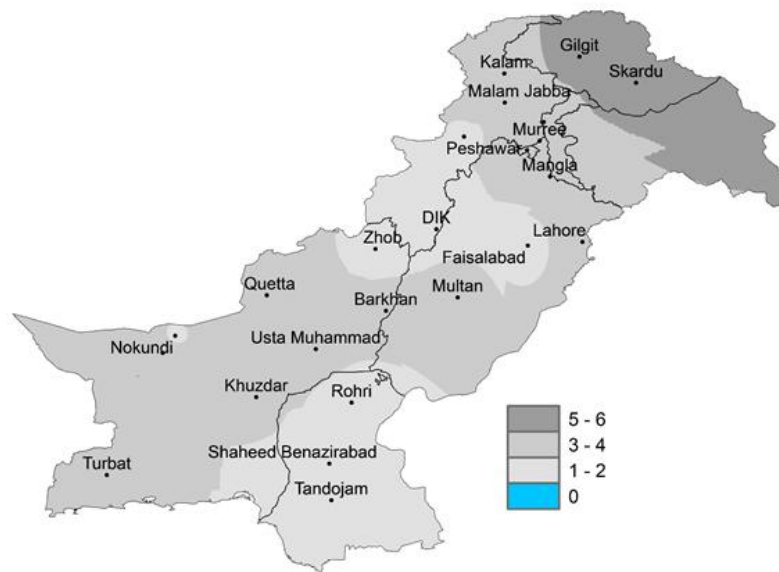


Figure 10: Mean Cloudiness at 0800

Mean Cloudiness (Octas) at 1700PST during the Previous week (17th – 23rd February 2025)

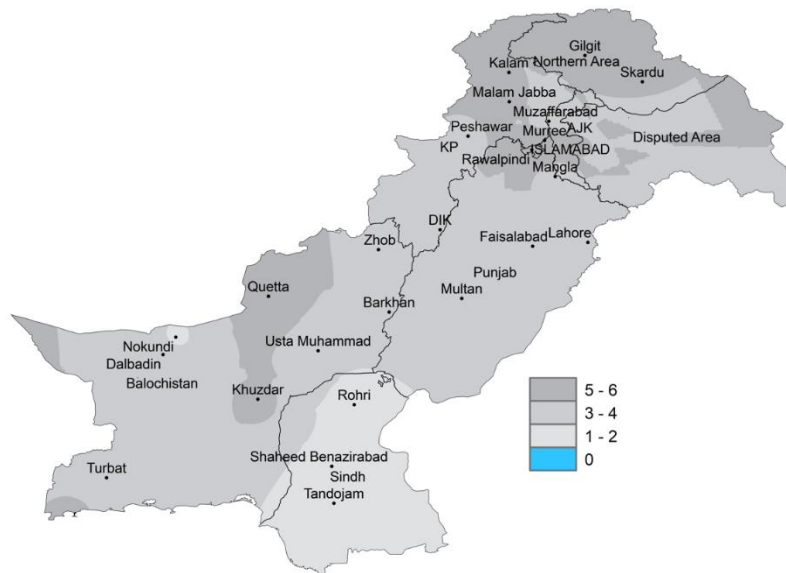


Figure 11: Mean Cloudiness at 1700

**Mean Wind Speed (Knots) at 0800PST during the
Previous week (17th – 23rd February 2025)**

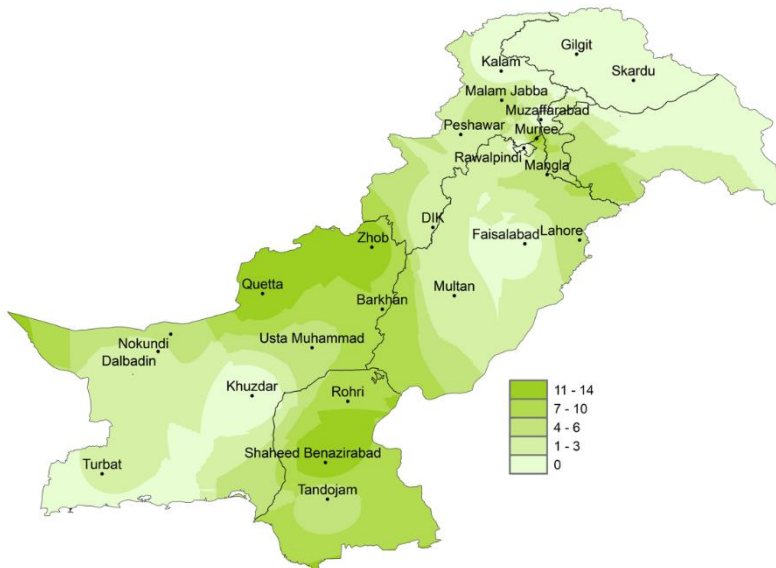


Figure 12: Mean Wind Speed 0300

**Mean Wind Speed (Knots) at 1700PST during the
Previous week (17th – 23rd February 2025)**

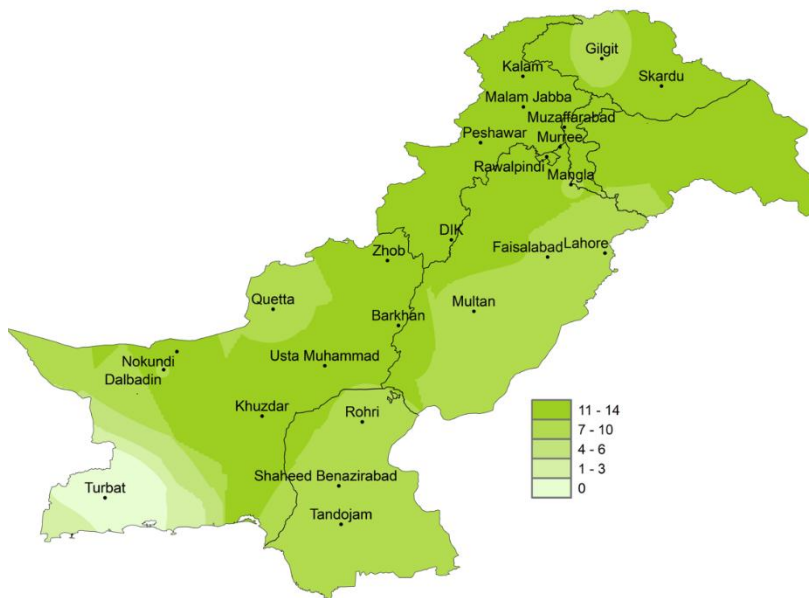
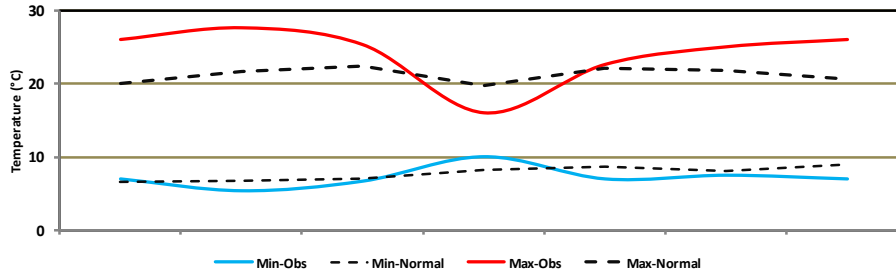


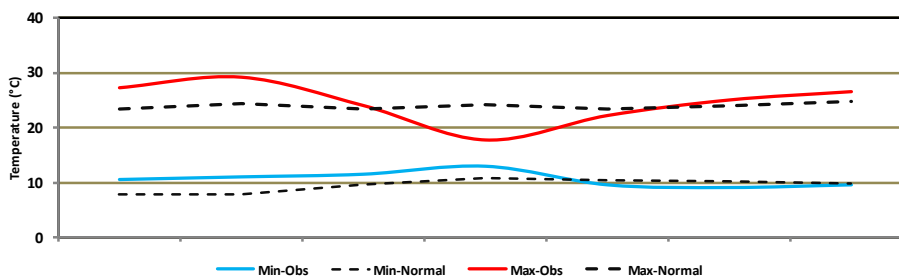
Figure 13: Mean Wind Speed 1700

Comparison of temperatures for RAMCs (Minimum & Maximum with normal) during the previous week (17th – 23rd February 2025)

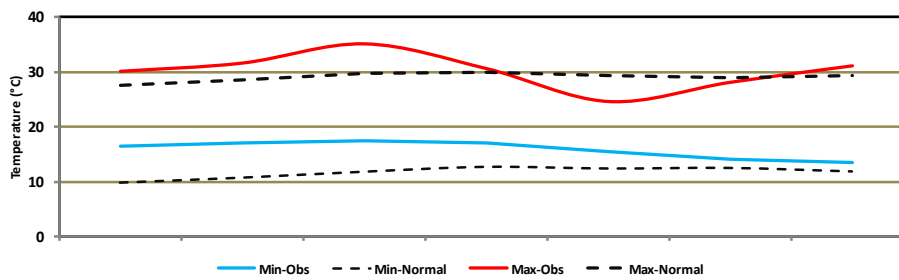
Rawalpindi (Min & Max Temperatures)



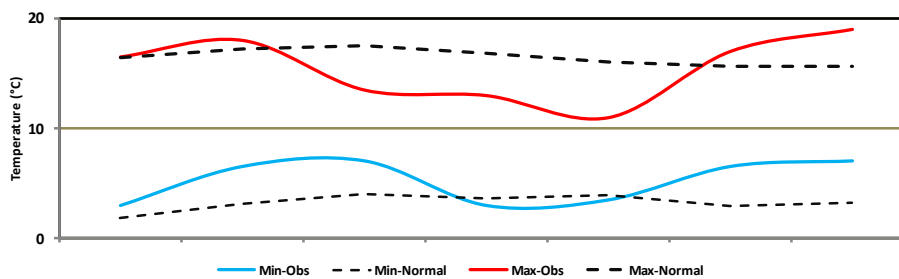
Faisalabad (Min & Max Temperatures)



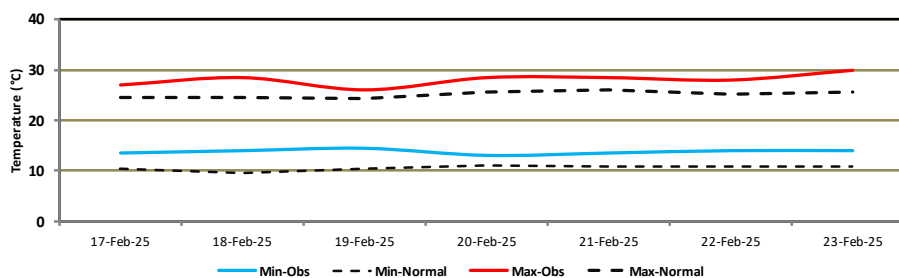
Tandojam (Min & Max Temperatures)



Quetta (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



Weekly Weather Advisory for Farmers**(24th February – 02nd March 2025)**

A strong westerly wave is likely to affect western parts of the country from today and likely to continue till the morning of 01st March.

MONDAY**24-02-2024**

Mainly dry weather is expected in most parts of the country while, cold and partly cloudy weather in hilly areas. However, rain-wind/thunderstorm (snow over hill) is expected in Western/Northwestern Balochistan. Rain-wind/thunderstorm (snowfall over the hills) is likely in Southern Khyber Pakhtunkhwa and Central/Southern Punjab during evening/night.

TUESDAY**25-02-2024**

Partly cloudy weather is expected in most parts of the country with rain-wind/thunderstorm (snow over hill) is expected in Northwestern Balochistan, Khyber Pakhtunkhwa, Punjab, Gilgit-Baltistan and Kashmir. Heavyfalls/hailstorm is expected at few places in Khyber Pakhtunkhwa and Kashmir during the period.

WEDNESDAY**26-02-2025**

Rain-wind/thunderstorm/snowfall over hills (few heavyfalls/heavy snow) is likely in Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir, Murree and Galliyat. Rain-wind/thunderstorm with isolated hailstorm is also likely in northeast Punjab, Islamabad, Pothohar Region and north Balochistan. Flash flooding/land sliding is also expected in vulnerable areas of upper Khyber Pakhtunkhwa and Kashmir.

THURSDAY**27-02-2025**

Rain-wind/thunderstorm (with snowfalls over the hills) is likely in Khyber Pakhtunkhwa, North Balochistan, Gilgit Baltistan, Kashmir, Murree, Galliyat, Pothohar region and northeast Punjab. While, partly cloudy weather with isolated rainfall is expected in central Balochistan.

FRIDAY**28-02-2025**

Widespread rain-wind/thunderstorm/snowfall over hills (few heavyfalls/heavy snow) is likely in Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir, Murree and Galliyat. Rain-wind/thunderstorm with isolated hailstorm is also likely in upper Punjab, Islamabad, Pothohar Region and north Balochistan.

Flash flooding/land sliding is also expected in vulnerable areas of upper Khyber Pakhtunkhwa and Kashmir and adjoining hilly areas.

SATURDAY**01-03-2025**

Mainly dry weather is expected in most parts of the country. However, rain-wind/thunderstorm is likely at isolated places in upper Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir and adjoining hilly areas during the morning hours.

SUNDAY**02-03-2025**

Mainly dry weather is expected in most parts of the country. However, rain/wind is expected in western parts of the country during evening/night.

ADVISORY FOR FARMERS

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

National Weather Data of Selected Cities from (17th – 23rd February 2025)

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	10.8	9.0	18.3	64	2.50	1.6	2.9	0.7	0.7
Faisalabad	10.6	9.0	17.9	68	29.40	1.1	2.4	0.3	2.9
Gwadar	17.4	16.0	63.5	69	0.00	3.9	4.3	0.0	10.0
Gilgit	2.5	0.0	0.0	43	0.00	5.4	5.0	0.0	4.3
Kalam	-2.7	-3.7	0.0	50	4.00	3.6	4.0	0.0	0.0
Khuzdar	9.0	1.0	12.3	32	0.11	2.4	4.3	0.0	1.1
Lahore	11.0	8.3	16.5	63	22.00	4.2	3.0	1.7	3.7
Malam Jabba	-1.3	-2.5	0.0	68	32.00	2.3	4.7	1.7	0.9
Mangla	8.4	5.5	11.9	60	16.60	2.7	3.3	1.7	3.1
Multan (PBO)	11.9	10.2	23.3	66	3.01	2.7	3.1	0.7	4.6
Murree	0.0	-2.3	0.0	55	23.00	3.0	6.4	2.7	1.1
Muzaffarabad	5.8	2.2	0.0	59	26.50	2.3	2.1	0.0	0.0
Sh. Ben. Abad	15.2	14.0	56.6	61	0.01	1.6	1.6	2.9	4.0
Peshawar	7.5	6.6	5.8	61	35.20	1.9	3.9	1.1	1.7
Quetta	5.2	3.0	37.3	56	32.00	3.4	5.7	2.8	3.3
Rawalpindi	7.2	16.0	4.6	62	27.60	2.4	4.0	0.0	0.6
Rohri	15.6	14.0	46.3	57	0.00	0.9	1.3	2.3	3.4
Skardu	0.0	-1.0	0.0	50	0.00	5.3	4.0	0.0	0.0
Tandojam	15.9	13.5	55.8	65	0.00	0.7	1.3	1.1	2.9
U.Muhammad	13.8	13.0	111.5	68	1.00	3.0	2.7	1.4	2.5
Zhob	0.9	0.5	0.0	42	9.00	1.6	3.7	2.6	2.6

*** Shows that data was not available.