Weekly Weather and Crop Bulletin for Pakistan

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<u>Patron-in-Chief:</u> Mahr Sahibzad Khan (Director General) <u>Editor-in-Chief:</u> Asma Jawad Hashmi (Director) <u>Editor</u>: Beenish Nazakat (Assistant Meteorologist) Rainfall Distribution (mm) during the Previous Week (07th – 13th July 2025)



Figure 1: Rainfall.

Highlights of Past Weather (07th – 13th July 2025)

- Moderate to heavy rainfall was observed from most parts of country (with very heavy rain reported from some isolated stations of Punjab). However, light rainfall reported from some parts of Sindh and Gilgit Baltistan.
- Dry weather reported from most of the western & northwestern parts of Balochistan and some isolated locations of Sindh.
- Daily maximum temperatures were noted to remain below normal over most parts of the country except Gilgit Baltistan where above normal day temperatures were recorded.
- Daily minimum temperatures remained above normal particularly in upper KPK, Gilgit Baltistan and western parts of Balochistan.
- Daily mean temperatures were recorded to remain below normal except Gilgit Baltistan and western parts of Balochistan, where above normal temperatures were observed.

Past Weather of Provinces (07th – 13th July 2025)

<u>Punjab</u>

Moderate to heavy rainfall was reported from most parts of the province (with very heavy rain reported from some isolated locations) over the past week. maximum Weekly mean and minimum temperatures recorded as 35.5°C & 25.6°C respectively. For the recent week, on average, 101.5 growing degree days were accumulated. Average relative humidity recorded as 80% and wind speed in the morning/evening recorded as 2.3/4.7 Knots. Maximum rainfall was reported as 205.51 mm at Lahore. However, the highest maximum temperature was recorded as 42.0°C at Bhakkar.

<u>Baluchistan</u>

Light to moderate rain occurred in the eastern half of the province, while dry weather prevailed in the western areas during the previous week. Weekly mean maximum and minimum temperatures recorded as 37.1°C & 25.6°C respectively. For the recent week, on average, 115.0 growing degree days were accumulated. The average relative humidity recorded was 38% and mean wind speed in the morning/evening was recorded as 1.8/5.6 Knots. Maximum rainfall was reported as 74.41 mm at Khuzdar. However. the highest maximum temperature was recorded as 45.5°C at Nokundi.

<u>Khyber Pakhtunkhwa</u>

Light to moderate rainfall was reported from most parts of the province (with heavy spells reported from some stations) during the previous week. Weekly mean maximum and minimum temperatures recorded as 32.9°C & 22.4°C respectively. For the recent week, on average, 89.8 growing degree days were accumulated. Average relative humidity recorded as 71% and mean wind speed in the morning/evening recorded as 1.7/2.3 Knots. Maximum rainfall was reported as 121.00 mm at Kakul. However, the highest maximum temperature was recorded as 40.0°C at Bannu.

<u>Sindh</u>

Dry weather prevailed over most parts of Sindh, with light to moderate rainfall reported from a few isolated locations in the central and northeastern parts of the province during the previous week. Weekly mean maximum and minimum temperatures recorded as 37.9°C & 27.7°C respectively. For the recent week, on average, 124.5 growing degree days were accumulated. Average relative humidity recorded as 61%, and mean wind speed in the morning/evening recorded as 4.5/5.4 Knots. Maximum rainfall was reported as 34.51 mm at Dadu. The highest maximum temperature was recorded as 43.0°C at Jacobabad.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall was reported from most parts of Gilgit Baltistan and Azad Jammu & Kashmir (with heavy falls reported from one of the stations in AJK) during the previous week. Weekly mean maximum and minimum temperatures recorded as 33.8°C & 21.2°C respectively. For the recent week, on average, 64.2 growing degree days were accumulated. Average relative humidity recorded as 53%, and mean wind speed recorded in the morning/evening as 1.7/3.6 Knots. The maximum rainfall was reported as 88.80 mm from Muzaffarabad. However, the highest maximum temperature was recorded as 44.5 °C at Chilas.

<u>Past Weather for Major Agricultural Plains</u> (07th – 13th July 2025) Rawalpindi (Potohar region)

Rainfall was reported as 77.10 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 2.1/6.0 Oktas while average relative humidity was observed as 74%. The mean daytime temperature was recorded as 35.6° C & for the recent week, 100.0 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 0.3/0.1 Knots. The highest maximum temperature was recorded as 43.0° C.

Faisalabad (Central Punjab)

Rainfall was reported as 54.70 mm from Faisalabad during the week; however, cloudiness in the morning/evening was recorded as 3.7/5.0 Oktas during the week, while average relative humidity was observed as 72%. Mean day time temperature recorded as 34.2°C for the recent week, 102.9 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 2.6/2.3 Knots. The highest maximum temperature was recorded as 38.2°C.

Tandojam (Lower Sindh)

Dry weather was reported from Tandojam during the week; however, cloudiness in the morning/evening was recorded as 4.8/3.1 Oktas during the week, while average relative humidity observed as 73%. Mean day time temperature recorded as 36.4°C & for the recent week, 118.0 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 2.5/4.3 Knots. The highest maximum temperature was recorded as 38.5°C.

Usta Muhammad (Eastern Baluchistan)

Rainfall was reported as 25.00 mm from Usta Muhammad during the week; however, cloudiness in the morning/evening was recorded as 5.8/4.8 Oktas during the week, while average relative humidity was observed as 64%. Mean day time temperature recorded as 40.4°C & for the recent week, 201.3 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 2.5/3.7 Knots. The highest maximum temperature was recorded as 43.5°C.

Quetta (Northern Baluchistan)

Dry weather was reported from Quetta during the week; however, cloudiness in the morning/evening recorded as 3.1/3.2 Oktas, while average relative humidity observed as 39%. Mean day time temperature recorded as 35.7°C & for the recent week, 163.3 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 2.1/3.0 Knots. The highest maximum temperature was recorded as 37.5°C.

<u>Past Weather for Sub-Regional Agricultural</u> <u>Plains (07th – 13th July 2025)</u>

Multan

Rainfall was reported as 33.61 mm from Multan during the week; however, cloudiness in the morning/evening recorded as 4.6/3.7 Oktas, while average relative humidity observed as 77%. Mean daytime temperature recorded as 38.2° C & for the recent week, 125.3 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 5.1/9.4 Knots.

Lahore

Rainfall was reported as 205.51 mm from Lahore during the week; however, cloudiness in the morning/evening was recorded as 6.0/4.1 Oktas, while average relative humidity was observed as 76%. Mean day time temperature recorded as 32.7°C & for the recent week, 96.3 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 0.9/1.7 Knots.

Zhob

Rainfall was reported as 38.00 mm from Zhob during the week; however, cloudiness in the morning/evening was recorded as 4.3/6.0 Oktas during the week, while average relative humidity was observed as 42%. Mean day time temperature was recorded as 36.2°C & for the recent week, 102.3 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 1.7/2.9 Knots.

Murree

Rainfall was reported as 91.50 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 5.4/7.1 Oktas while average relative humidity observed as 88%. Mean day time temperature recorded as 23.4°C & for the recent week, 27.3 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 0.9/2.9 Knots.

D.I. Khan

Rainfall was reported as 23.00 mm from D.I. Khan during the week; however, cloudiness in the morning/evening recorded as 4.3/1.3 while average relative humidity observed as 66%. Mean day time temperature recorded as 37.3°C & for the recent week, 117.5 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 2.3/2.3 Knots.

Peshawar

Rainfall was reported as 9.01 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 4.7/6.6 Oktas while average relative humidity observed as 65%. The mean day time temperature was recorded as 35.6°C & for the recent week, 109.9 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 2.3/2.9 Knots.

Kalam

Rainfall was reported as 17.03 mm from Kalam during the week; however, cloudiness in the morning/evening was recorded as 3.7/5.4 Oktas while average relative humidity was observed as 32%. The mean day time temperature recorded as 26.7°C & for the recent week, 47.2 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 0.9/2.0 Knots.

Gilgit

Rainfall was reported as 0.72 mm from Gilgit during the week; cloudiness in the morning/evening recorded as 2.6/6.3 Oktas while average relative humidity was observed as 36%. Mean day time temperature recorded as 37.6°C & for the recent week, 99.5 growing degree days accumulated. Mean wind speed recorded in the morning/evening as 2.0/6.3 Knots.

Skardu

Rainfall reported as 3.50 mm from Skardu during the week; however, cloudiness in the morning/evening recorded as 3.0/5.4 Oktas while average relative humidity observed as 32%. The mean day time temperature recorded as 31.8°C & for the recent week, 64.2 growing degree days were accumulated. Mean wind speed recorded in the morning/evening as 0.0/2.0 Knots.

<u>Crop Situation for Major Agricultural Plains</u> (Based on data from Regional Agromet Centers)

Pothohar 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: 03-05-2025. Phonological Stage: Flowering. Condition: *Very good*.

Lower Sindh (Tandojam)

Cotton crops are sown in the fields of RAMC Tandojam. Phonological Stage: Flowering.

Northern Baluchistan (Quetta)

There is presently no crop grown in the fields of RAMC Quetta.

Eastern Baluchistan (Usta Muhammad)

Rice crops are sown in the fields of RAMC Usta Muhammad. Phonological Stage: Germination. Condition: *Very good*.

3.0

Actual & Departure of Maximum temperature (°C) for the Previous week (07th – 13th July 2025)



Figure 2: Actual Maximum temperature.



Tx Departure from

Figure 3: Departure of Maximum temperature.

Actual & Departure of Mean temperature (°C) for the Previous week $(07^{th} - 13^{th} July 2025)$



Figure 5: Actual Mean temperature.



Figure 4: Departure of Mean temperature.

Actual Minimum temperature (°C) during the

Previous week $(07^{th} - 13^{th} July 2025)$



Figure 6: Actual Minimum temperature.





Figure 7: Departure of Minimum temperature.

Mean Relative Humidity (%) during the Previous week (07th – 13th July 2025)



Figure 8: Relative Humidity

Total Growing Degree Days accumulated during the Previous week (07th – 13th July 2025)



Figure 9: Growing Degree Days



Figure 10: Mean Cloudiness at 0800





Figure 11: Mean Cloudiness at 1700

Mean Wind Speed (Knots) at 0800PST during the

Previous week (07th – 13th July 2025)



Figure 12: Mean Wind Speed 0300





Figure 13: Mean Wind Speed 1700

Comparison of temperatures for RAMCs (Minimum & Maximum with normal) during the previous week $(07^{\text{th}} - 13^{\text{th}} \text{ July 2025})$

Rawalpindi (Min & Max Temperatures)



Min-Obs — — · Min-Normal — Max-Obs — — Max-Normal

Faisalabad (Min & Max Temperatures)



Min-Obs – – • Min-Normal – Max-Obs – – Max-Normal





Min-Obs — — • Min-Normal —— Max-Obs — — Max-Normal

Quetta (Min & Max Temperatures)





Usta Muhammad (Min & Max Temperatures)



Weekly Weather Advisory for Farmers (14th – 20th July 2025)

A low-pressure area (LPA) presently located over northwest Madhya Pradesh (India) is likely to affect Pakistan during next 24 to 72 hours, under the influence of this weather system strong monsoon currents are expected to penetrate central and upper parts. A westerly wave is also present over upper parts of the country.

MONDAY

14-07-2025

Rain-windstorm/thundershower is likely at most places in Khyber Pakhtunkhwa, Punjab, Kashmir, Gilgit-Baltistan, Islamabad and North-East/South Balochistan. Scattered heavyfalls (at times very heavy) are likely in Islamabad, Khyber Pakhtunkhwa, Kashmir, Punjab, and Northeastern Balochistan.

TUESDAY 15-07-2025

Rain-windstorm/thundershower is likely at most places in Khyber Pakhtunkhwa, Punjab, Kashmir, Gilgit-Baltistan, Islamabad and North-East/South Balochistan. Scattered heavyfalls (at times very heavy) are likely in Islamabad, Khyber Pakhtunkhwa, Kashmir, Punjab, and Northeastern Balochistan.

WEDNESDAY

16-07-2025

Rain-wind/thundershower is expected in Punjab, Khyber Pakhtunkhwa, Kashmir, Gilgit Baltistan, northeast/south Balochistan and upper/southeastern Sindh. Heavyfalls are also likely at isolated places in upper Khyber Pakhtunkhwa & Punjab.

THURSDAY

17-07-2025

Rain-wind/thundershower is expected at isolated places in Punjab, Khyber Pakhtunkhwa, Kashmir, Gilgit Baltistan, Islamabad. Isolated rain may occur in southeastern Sindh & northeast Balochistan. Heavyfalls is expected in Punjab, upper Khyber Pakhtunkhwa & Kashmir. Hot and humid weather is expected over most parts of the country.

FRIDAY

18-07-2025

Hot and humid weather is expected over most parts of the country. However, rain-wind/thundershower is expected at isolated places in Khyber Pakhtunkhwa, Kashmir, Punjab, northeast Balochistan. Isolated heavyfalls are also likely in Potohar region, upper Khyber Pakhtunkhwa and south Punjab.

SATURDAY

19-07-2025

Mainly hot and humid weather is expected over most parts of the country. However, rain-wind/thundershower is expected at isolated places in central/south Punjab, north/southeast Balochistan, upper Khyber Pakhtunkhwa, Kashmir and upper Sindh. Mainly hot and humid weather is expected over most parts of the country. However, rain-

wind/thundershower is expected at isolated places in upper Khyber Pakhtunkhwa, Kashmir and northeast Punjab.

ADVISORY FOR FARMERS

Farmers are advised to stay alert and adopt necessary precautions to safeguard their standing crops against adverse weather impacts.

National Weather Data of Selected Cities from (07th – 13th July 2025)

Stations	Maximum/Day Time Temperature (°C)		Growing	Relative	Rainfall	Cloudiness (Oktas)	Cloudiness (Oktas)	Wind Speed	Wind Speed
	Mean	Highest	Degree Days	Humidity (%)	(mm)	0800 PST	1700 PST	(Knots) 0800 PST	(Knots) 1700 PST
D.I. Khan	37.3	39.5	117.5	66	23.00	4.3	1.3	2.3	2.3
Faisalabad	34.2	38.2	102.9	72	54.70	3.7	5.0	2.6	2.3
Gwadar	33.7	35.0	109.0	61	0.00	4.7	2.3	0.0	11.7
Gilgit	37.6	41.0	99.5	36	0.72	2.6	6.3	2.0	6.3
Kalam	26.7	28.5	47.2	32	17.03	3.7	5.4	0.9	2.0
Khuzdar	35.4	36.5	100.8	21	74.41	6.0	1.9	0.0	0.0
Lahore	32.7	35.0	96.3	76	193.62	6.0	4.1	0.9	1.7
Malam Jabba	22.6	27.0	28.8	85	83.00	5.1	7.1	1.3	1.1
Mangla	34.4	37.0	103.9	73	43.00	3.6	3.6	4.6	6.0
Multan (PBO)	38.2	39.1	125.3	77	33.61	4.6	3.7	5.1	9.4
Murree	23.4	25.4	27.3	88	91.50	5.4	7.1	0.9	2.9
Muzaffarabad	33.4	35.7	92.0	71	88.80	5.0	5.4	0.3	0.0
Sh. Ben. Abad	39.3	42.5	133.0	59	0.00	3.8	2.3	7.0	9.7
Peshawar	35.6	38.5	109.9	65	9.01	4.7	6.6	2.3	2.9
Quetta	35.7	37.5	163.3	39	0.00	3.1	3.2	2.1	3.0
Rawalpindi	35.6	43.0	100.0	75	77.10	2.1	6.0	0.3	0.1
Rohri	40.1	42.5	136.8	52	0.00	3.3	1.7	4.0	2.3
Skardu	31.8	38.1	64.2	32	3.50	3.0	5.4	0.0	2.0
Tandojam	36.4	38.5	118.0	73	0.00	4.8	3.1	2.5	4.3
U.Muhammad	40.4	43.5	201.3	64	25.00	5.8	4.8	2.5	3.7
Zhob	36.2	37.5	102.3	42	38.00	4.3	6.0	1.7	2.9

*** Shows that data was not available.