



Government of Pakistan Pakistan Meteorological Department Pakistan Monthly Climate Summary October 2025

In brief

- The country-level nighttime (minimum) temperature of 17.23°C was **significantly warmer** by +2.0°C than the countrywide average of 15.24 °C and ranked 6th highest in the past 65 years.
- The national mean temperature of 24.43 °C was **warmer** than the country-average of 23.59°C with an anomaly of +0.9 °C.
- The daytime (maximum) temperature of 31.59 °C at country-level was near average with a positive anomaly of +0.1 °C.
- The **hottest** day of the month was observed at Turbat (Balochistan) on 1st when it recorded a maximum temperature of 43.0 °C. The station Turbat (Balochistan) proved to be the **warmest** place with a mean monthly maximum temperature of 37.7°C.
- The **coldest** night temperature of 0.0 °C of the month was recorded at Skardu (GB) during 29th to 31st October, whereas the same station happened to be the **coldest** place with mean monthly minimum temperature of 3.8 °C.
- The national area-weighted rainfall of 12.2 mm was **largely above average** with a positive anomaly of +53% in October-2025.
- The heaviest one-day rainfall of 75.0 mm occurred at Muzaffarabad Airport (AJK) on 7th October. The same station has been the wettest place with monthly total of 129.6 mm.
- Niño indices are indicating a neutral phase i.e. neither La Niña nor El Niño with sea surface temperatures (SST) anomaly around -0.8 °C over the central equatorial Pacific Ocean. However, models indicate it is likely to turn into La Niña.
- The Indian Ocean Dipole (IOD) has turned into negative phase.

Table-1: National Weather Extremes during October 2025

Hottest day	43.0 °C	at Turbat (Balochistan) on 1 st
Coldest day	9.3 °C	at Kalam (Khyber Pakhtunkhwa) on 6 th
Coldest night	0.0 °C	at Skardu (GB) on 29 th to 31 st
Warmest night	28.3 °C	at Multan Airport (Balochistan) on 4 th
Wettest day	75.0 mm	at Muzaffarabad Airport (AJK) on 7 th
Wettest month	129.6 mm	at Muzaffarabad Airport (AJK)
Coldest place	3.8° C	at Skardu (Gilgit-Baltistan)
Warmest place	37.7 °C	at Turbat (Balochistan)

Synoptic Summary

October is usually a transitional month in Pakistan following the withdrawal of the monsoon in September. During the first week of October, a westerly trough persisted over the northern parts of the country, affecting Khyber Pakhtunkhwa, Kashmir, and Punjab, while weak low-pressure areas developed over Sindh and Northwest of Balochistan. A prominent synoptic feature of the month was the formation and subsequent intensification of Cyclonic Storm "SHAKHTI" over the northeast Arabian Sea. On October 1, a well-marked low developed over the northeast Arabian Sea and the Saurashtra Coast (India), which intensified into a depression on the following

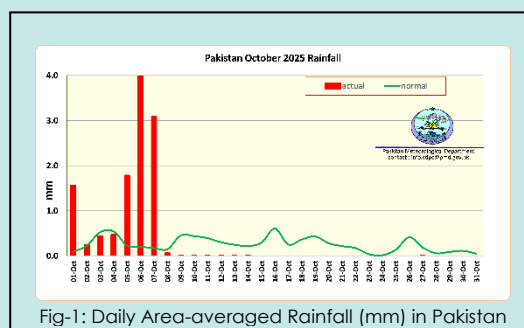
day, then further deepened into a severe cyclonic storm by October 4. The system initially moved northeast ward to southeast ward before weakening into a depression and tracking west-southwest ward by October 7. Resultant heavy to very heavy rainfall occurred in Khyber Pakhtunkhwa, Punjab, Gilgit-Baltistan, Kashmir, Sindh and light to moderate rainfall at a few places in Balochistan during the first week of the month. After the dissipation of the cyclone, dry continental air dominated the country from October 8 until the end of the month. While another well-marked low-pressure area developed over the northeast Arabian Sea on October 22, intensified into a depression on the next day and persisted over the same region until month's end. Later weaken into a well-marked low while moving North-Northeast wards. However, it had no significant impact on Pakistan and its coastal regions.

Table-2: New/Repeated Weather Records Set in October 2025

S No	Stations	Weather Parameters	New/Repeated value		Past Record		No of years examined.
			Value	Date	Value	Date	
1	BANNU	Hottest night Temperature (°C)	25.0	02-Oct-2025	25.0	02/2024	27
2	BARKHAN	Hottest night Temperature (°C)	23.0	05-Oct-2025	22.5	08/2021	59
3	KHUZDAR	Hottest night Temperature (°C)	23.0	23-Oct-2025	23.0	01/2016	59
4	TANDOJAM	Hottest night Temperature (°C)	26.5	04-Oct-2025	26.5	02/2019	18
5	BAHAWALPUR,CITY	Heaviest one day Rainfall (mm)	44.0	06-Oct-2025	40.2	07-Oct-2019	100
6	MULTAN AIRPORT	Heaviest one day Rainfall (mm)	49.4	06-Oct-2025	23.5	10-Oct-1997	72
7	PADIDAN	Heaviest one day Rainfall (mm)	29.0	01/Oct/2025	26.5	31/Oct/1980	85
8	FAISALABAD AIRPORT	Wettest month rainfall(mm)	42.0	01/Oct/2025	39.1	01/Oct/1957	110

Rainfall: Above average

Climatologically, October is considered as one of the least rainy month with rainfall contribution to the national annual and seasonal Oct-Dec (OND) totals being 2.7% and 30.2%, respectively. During the month, Pakistan experienced few widespread Rain/Thunderstorms with moderate to heavy falls occurred in Punjab, Sindh, Kashmir and Khyber Pakhtunkhwa during the first week of the month The daily area-weighted rainfall is shown in Fig-1.



The October 2025 with 12.2 mm rainfall was **largely above average** with a departure of **+53%** for Pakistan as a whole. Whereas a diverse situation was observed on regional scale. i.e., a **largely above average** rainfall occurred at Punjab with 20.9mm **(+159%)** and ranked 7th highest (record 83.1 mm in 1997), Sindh with 9.6 mm **(+123%)** ranked 10th highest (record as 66.2mm rainfall in 2004) and the AJK with 48.4 mm **(+56%)**. Khyber Pakhtunkhwa with 29.1mm **(+16%)** observed a slightly above **average** rainfall. Whereas Gilgit-Baltistan with 7.4 mm **(-5%)** observed near average rainfall. Balochistan with 1.6 mm **(-45%)** was the only region to have exhibited a well below average rainfall (Table-3).

The heaviest one-day rainfall of 75.0 mm occurred at Muzaffarabad (AJK) on 7th October. The same station has been the wettest place with monthly total rainfall 129.6 mm (Table-1).

Table-3: October 2025 Area Weighted Rainfall

Region	Rank (of 65y)	Normal (mm)	Average (mm)	Departure (percent)	Comment
Pakistan	51	8.0	12.2	53%	-
Azad Jammu & Kashmir	52	31.1	48.4	56%	-
Balochistan	42	3.0	1.6	-45%	-
Gilgit Baltistan	44	7.8	7.4	-5%	-
Khyber Pakhtunkhwa	43	25.0	29.1	16%	-
Punjab	59	8.1	20.9	159%	7 th highest (83.1mm rainfall recorded in 1997)
Sindh	56	4.3	9.6	123%	10 th highest (66.2mm rainfall recorded in 2004)

[RANK RANGES FROM 1 (LOWEST) TO 65 (HIGHEST) IN TERMS OF YEARS FROM 1961]

October 2025 Rainfall maps

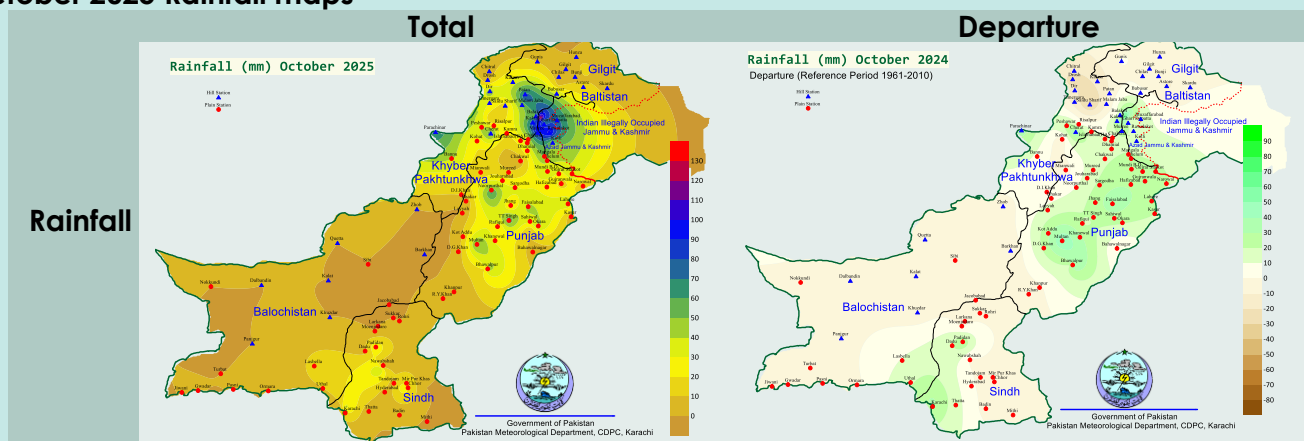


Fig. 2. October-2025 spatial rainfall distribution and departure from normal

Alongside the wettest station, Muzaffarabad Airport (AJK), few other stations have recorded notable rainfalls, i.e. Muzaffarabad City 114.6 mm, Rawalakot 105.0 mm, Murree 95.0 mm, Kakul 80.0 mm, Pattan 80.0 mm, Parachinar 69.0 mm, Garhi Dupatta 67.0 mm, Noorpur Thal 62.0 mm, T.T. Singh 59.0 mm, Cherat 58.0 mm, Balakot 55.0 mm, Mangla 53.5 mm, Multan Airport 53.4 mm, And Malam Jabba 50.0 mm.

On the other hand, few stations remained absolutely dry with no rain during the month, i.e. Jacobabad, Larkana, Mithi, Rohri, Sukkur, Mohenjo-Daro, Khairpur, Dalbandin, Gwadar, Jiwani, Kalat, Khuzdar, Nokkundi, Panjgur, Pasni, Quetta (Sheikh Manda), Quetta (Samungli), Sibbi, Turbat, Ormara, and Zhob. Whereas the stations: Khanpur, and Barkhan, recorded only traces of rainfall during the month.

Table 4: Monthly Temperature Trends (Warmer-than-average) across the country & Sub-regions

Area Averaged Temperatures (°C) in October 2025 and anomalies from normal 1961-1990						
Regions	Maximum Temperature		Minimum Temperature		Mean Temperature	
	Actual	Anomaly	Actual	Anomaly	Actual	Anomaly
Pakistan	31.59	+0.1	17.23	+2.0	24.43	+0.9
Azad Jammu & Kashmir	25.20	+0.7	10.90	+0.6	18.08	+0.7
Balochistan	32.46	+0.9	17.08	+2.5	24.79	+1.5
Gilgit-Baltistan	23.31	+0.8	7.46	+0.2	15.37	+0.5
Khyber Pakhtunkhwa	28.56	+0.3	13.96	+0.8	21.28	+0.6
Punjab	32.26	-1.2	19.30	+2.2	25.79	+0.2
Sindh	35.18	-1.0	22.10	+2.3	28.68	+0.7

Area Weighted Mean Temperatures (warmer than average)

The October 2025 national mean temperature of 24.43 °C was warmer than the country-area weighted mean of 23.59 °C with anomaly of +0.9 °C. A similar trend prevailed on regional scale i.e. over Balochistan with 24.79 °C (+1.5 °C), AJK with 18.08 °C (+0.7 °C), Sindh with 28.68 °C (+0.7 °C), Khyber Pakhtunkhwa with 21.28 °C (+0.6 °C), Gilgit-Baltistan with 15.37 °C (+0.5°C) and Punjab with 25.79 °C (+0.2°C), all recorded warmer than mean temperatures (Table-4, Fig-3 lower panel). The mean temperature anomalies ranged from -0.9 °C to +3.7 °C in the country with those being considerably higher over western Balochistan.

Area Weighted Maximum temperatures

The country-level monthly mean maximum (daytime) temperature of 31.59 °C was near average with positive anomaly of +0.1 °C. However, a diverse trend was observed at regional scale; i.e. Balochistan with 32.46 °C (+0.9 °C), Gilgit-Baltistan with 23.31 °C (+0.8 °C), AJK 25.20 °C (+0.7 °C) and Khyber Pakhtunkhwa with 28.56 °C (+0.3 °C), all recorded above average maximum temperatures. In contrast, Punjab with 32.26 (-1.2 °C) and Sindh with 35.18 °C (-1.0 °C) were the regions to have observed cooler-than-average temperatures, both ranked the 7th lowest in past 65 years (the records are 28.38°C & 32.49°C both in 1997 respectively) (Table-4, Fig3 upper panel). The mean maximum temperature anomalies remained in the range from -2.5 °C to +2.6 °C in the country with those being considerably higher over Northern Gilgit-Baltistan.

The hottest day of the month was 43.0 °C recorded at Turbat (Balochistan) on 1st October. The same station proved to be the warmest place with a mean monthly maximum temperature of 37.7 °C (Table-1).

Area Weighted Minimum temperatures (significantly warmer than average)

The country's monthly mean minimum (night-time) temperature of 17.23 °C was significantly warmer by +2.0 °C than the mean 15.24°C and ranked as the 6th highest during the past 65 years (the record is 18.79°C in 2024). A similar trend was found across the regions i.e. for Sindh 22.10 °C (+2.3 °C) and ranked 8th highest (the record being 24.45°C in 2024), Balochistan with 17.08 °C (+2.5 °C) ranked 9th highest (the record is 18.33°C in 2024), Punjab with 10.30 °C (+2.2 °C), Khyber Pakhtunkhwa with 13.96 °C (+0.8 °C), AJK with 10.90 °C (+0.6 °C) and Gilgit-Baltistan with 7.46 °C (+0.2 °C), all recorded warmer than average minimum temperatures (Table-4, Fig-3, middle panel). The mean minimum temperature anomalies ranged from -1.2 °C to +6.5 °C in the country with those being considerably higher over Western Balochistan.

The lowest night (minimum) temperature of the month was 0.0 °C recorded at Skardu (GB) during 29th to 31st. Coincidentally, the same station happened to be the coldest place with mean monthly minimum temperature of 3.8 °C. (Table-1).

October 2025 Temperature maps

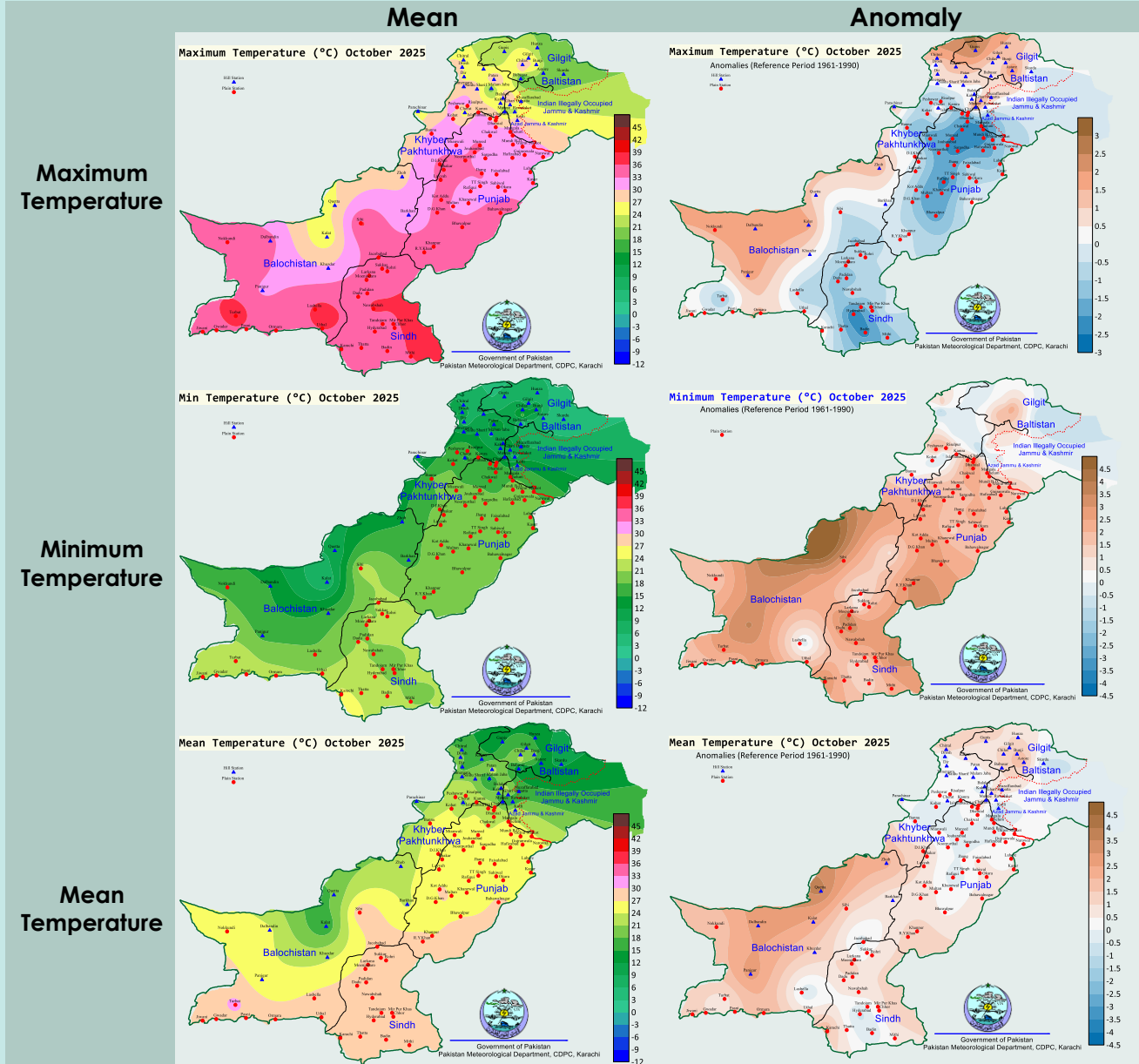


Fig. 3. October-2025 Temperatures (Maximum, Minimum & Mean) and their anomalies.

Table 5: October 2025 Monthly Averages & Normals

Station	Pressure (mb)		Temperature (°C)			Vapour (mb)	Precipitation	
	Station Level	Sea Level	Mean	Maximum	Minimum	Pressure	Total (mm)	Days
Drosh	854.2	1505.5	18.7	26.8	10.5	8.3	5.2	2.0
	855.3	1515.5	19.2	26.7	11.6	7.0	31.1	5.1
Peshawar	974.8	1012.0	24.0	31.2	16.6	19.5	39.0	3.0
	970.1	1010.5	23.7	31.6	15.9	16.0	19.0	3.2
Parachinar	----	----	17.3	24.3	10.3	----	69.0	5.0
	829.4	1516.1	16.1	23.3	8.8	7.3	31.8	5.8
Rawalpindi	955.3	1012.3	23.3	29.2	17.4	15.7	43.0	4.0
	952.9	1010.9	22.3	30.9	14.0	15.0	29.8	3.8
Sargodha	989.5	1010.4	26.2	32.8	19.6	21.2	16.4	2.0
	989.4	1010.6	25.1	33.5	17.4	18.1	9.7	1.9
Jhelum	983.9	1010.6	24.4	30.7	18.1	22.0	40.2	4.0
	983.5	1010.3	24.7	32.7	16.6	17.8	18.5	3.3
Sialkot	981.8	1010.8	24.4	30.7	18.0	21.0	41.5	4.0
	981.8	1010.6	23.7	31.2	16.2	18.8	18.2	2.2
Zhob	858.1	1486.5	22.1	29.2	14.8	8.0	0.0	0.0
	859.0	1494.9	20.0	28.0	12.1	7.8	6.0	0.9
D.I.Khan	990.9	1010.4	26.5	33.4	19.7	21.8	9.0	3.0
	990.3	1009.9	25.2	33.2	17.1	17.8	5.8	1.6
Lahore	986.7	1011.0	25.6	31.5	19.6	20.4	37.7	3.0
	985.9	1010.2	25.7	32.8	18.5	18.1	14.8	2.0
Quetta	844.1	1529.5	18.3	26.3	10.3	4.3	0.0	0.0
	843.0	1518.6	15.1	25.5	4.7	6.2	6.5	1.1
Multan	996.3	1010.2	26.9	32.7	21.1	20.9	53.4	2.0
	996.1	1010.2	26.3	34.4	18.2	18.3	5.2	0.9
Barkhan	890.9	1504.6	23.5	30.1	16.8	10.8	0.0	0.0
	891.3	1505.1	23.0	29.8	16.0	9.4	8.9	0.5
Nokkundi	932.9	1007.0	26.2	34.9	17.4	4.4	0.0	0.0
	935.6	1010.5	24.3	33.1	16.0	8.2	0.3	0.1
Dalbandin	916.7	1504.5	24.5	34.0	14.9	5.7	0.0	0.0
	918.4	1533.8	22.0	31.4	10.5	5.8	0.1	0.2
Jacobabad	1003.9	1010.2	27.6	34.1	21.1	22.5	0.0	0.0
	1003.4	1009.7	27.6	35.1	20.2	18.8	2.2	0.1
Khanpur	999.6	1009.7	27.0	34.4	19.6	23.4	0.0	0.0
	999.4	1009.6	25.6	34.7	16.5	18.6	2.6	0.5
Panjgur	903.2	1506.6	24.9	32.5	17.2	11.4	0.0	0.0
	904.8	1513.1	22.2	30.3	14.0	5.8	2.8	0.3
Khuzdar	877.4	1506.8	23.4	30.4	16.3	10.5	0.0	0.0
	876.5	1494.7	21.8	29.9	13.8	3.7	7.4	0.5
Sh. Benazirabad	1006.6	1009.9	28.7	36.5	20.9	20.5	2.0	1.0
	1006.3	1010.2	27.6	37.1	18.2	20.6	4.9	0.1
Jiwani	1004.0	1010.5	28.4	33.2	23.5	27.9	0.0	0.0
	1004.7	1011.1	27.1	32.7	21.5	24.2	1.5	0.2
Pasni	1009.6	1010.1	28.3	34.8	21.8	24.7	0.0	0.0
	1009.3	1010.2	26.4	33.7	20.2	20.6	3.4	0.1
Hyderabad	1004.4	1009.3	29.0	34.7	23.2	18.6	6.0	1.0
	1005.8	1009.7	29.6	36.8	22.4	18.7	2.9	0.2
Chhor	1008.1	1008.8	29.3	36.7	21.7	22.1	0.0	0.0
	1008.7	1009.5	27.9	37.3	18.5	19.4	6.2	0.4
Karachi	1007.2	1009.8	29.7	35.2	24.1	18.2	33.7	1.0
	1008.0	1010.3	28.3	35.1	21.4	21.0	2.3	0.3

Note: The first row against each station contains the actual values while second row for normal values

Table 6: October 2025 extreme values

STATION	Mean Temperature (°C)				Temperature (°C)				Highest (mm & knots)			
	Highest	Date	Lowest	Date	Highest	Date	Lowest	Date	Rain	Date	Wind Speed	Date
Drosh	23.1	02	13.5	06	30.2	64	8.0	9*	3.0	06	15.0	08
Peshawar	28.3	01	19.8	06	34.5	2*	13.5	31	16.0	06	6.0	05
Parachinar	21.3	01*	13.0	07	29.0	2	7	7	34.0	06	----	--
Rawalpindi	28.5	01	16.9	06	34.5	02	14.5	31	28.0	07	22.0	06
Sargodha	32.2	01	21.8	07	37.5	01	16.8	31	9.2	07	6.0	53
Jhelum	30.0	01	19.9	06	34.7	01	14.8	07	18.0	06	8.0	06
Sialkot	29.9	02	20.7	07	35.0	02	14.2	07	19.0	06	10.0	05
Zhob	27.0	01	19.3	07	33.5	1*	13.0	8*	0.0	00	6.0	4*
D.I.Khan	31.5	02*	22.3	06	37.5	1*	17.5	7*	7.0	06	6.0	3*
Lahore	30.9	02	21.0	06	35.2	02	16.5	07	19.7	05	10.0	03
Quetta	23.8	02*	15.3	07*	31.0	1*	6.5	08	0.0	00	26.0	05
Multan	32.8	04	21.6	06	37.5	02	18.4	30	49.4	06	16.0	05
Barkhan	28.0	04	21.0	08*	34.0	1*	14.0	28*	0.0	00	6.0	09
Nokkundi	29.8	01	21.3	06	38.5	01	13.5	07	0.0	00	18.0	05
Dalbandin	29.0	01	21.8	08	38.0	01	12.0	8*	0.0	00	10.0	05
Jacobabad	32.8	03	25.5	31	38.5	03	19.0	19*	0.0	00	4.0	4*
Khanpur	32.4	03	24.9	29*	38.5	04	16.8	15*	0.0	00	4.0	3*
Panjgur	28.8	01	21.8	07	37.0	01	13.0	08	0.0	00	10.0	05
Khuzdar	28.3	01*	20.8	29*	34.5	1*	12.5	30	0.0	00	4.0	6*
Sh.Benazirabad	32.5	05	26.5	28	38.5	5*	18.0	18*	2.0	01	14.0	5*
Jiwani	30.0	01*	26.5	31	37.0	03	21.0	30*	0.0	00	14.0	5*
Pasni	31.3	03	26.3	30	39.5	03	17.5	26*	0.0	00	8.0	5*
Hyderabad	31.0	06	27.1	29	37.2	19	19.5	24	6.0	01	22.0	06
Chhor	31.8	04	26.8	27	39.0	18*	17.5	27	0.0	00	12.0	5*
Karachi	31.3	23	28.2	08	38.0	23	21.0	17*	33.7	01	20.0	29

* means value occurred multiple times

Note

Monthly Climate Summary is produced by Pakistan Meteorological Department, Climate Data Processing Centre, Karachi to provide the main features of weather events occurred in the country during the month. The summary contains detailed data information of 25 climate stations of Pakistan. The extremes & analysis is based on 110 numbers of stations. The information in the summary is based on real time data and/or electronic reports, therefore, the above results can be considered only preliminary. Climate Summaries are usually published in the first week of each month. Long term average for rainfall is for 1961-2010 (50 years) while normal period for temperature is 1961-1990 (30 years). The records mentioned for area-weighted rainfall and area average temperatures have been examined for the past 65 years i.e. from 1961-2025.

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Published on November 3, 2025