Government of Pakistan

Pakistan Meteorological Department

Pakistan Monthly Climate Summary

November 2025

In brief

- The national mean temperature of 17.49 °C was cooler than the country-average of 17.87°C with an anomaly of -0.37 °C.
- The daytime (maximum) temperature of 26.00 °C at country-level was near average with a positive anomaly of +0.08 °C.
- The country-level nighttime (minimum) temperature of 9.03°C was cooler by -0.30°C than the countrywide average of 9.33 °C.
- The hottest day of the month was observed at Turbat (Balochistan) on 2nd when it recorded a maximum temperature of 38.5 °C, However The station's Mithi (Sindh) and Lasbela (Balochistan) proved to be the warmest place with a mean monthly maximum temperature of 33.2°C.
- The coldest night temperature of -11.1 °C of the month was recorded at Skardu (Gilgit-Baltistan) on 30th November, the same station happened to be the coldest place with mean monthly minimum temperature of -6.0 °C.
- The national area-weighted rainfall of 1.4 mm was **largely below average** with a negative departure of **-72%** in November-2025.
- The heaviest one-day rainfall of 50.8 mm occurred at Saidu Sharif (Khyber Pakhtunkhwa) on 5th November. The same station has been the wettest place with monthly total of 61.0 mm.
- Niño indices are indicating weak La Niña conditions with sea surface temperatures (SST) anomaly around -0.91 °C over the central equatorial Pacific Ocean.
- The Indian Ocean Dipole (IOD) is in negative phase.

Table-1: National Weather Extremes during November 2025

Hottest day	38.5 °C	at Turbat (Balochistan) on 2nd
Coldest day	6.5 °C	at Kalam (Khyber Pakhtunkhwa) on 4th
Coldest night	-11.1 °C	at Skardu (Gilgit-Baltistan) on 30th
Warmest night	22.5 °C	at Badin (Sindh) on 2nd
Wettest day	50.8 mm	at Saidu Sharif (Khyber Phatunkhwa) on 5th
Wettest month	61.0 mm	at Saidu Sharif (Khyber Phatunkhwa)
Coldest place	-6.0 °C	Skardu (Gilgit Baltistan)
Warmest place	33.2° C	at Mithi (Sindh) and Lasbela (Balochistan)

Synoptic Summary

November is the month when the dry continental winds predominantly setup across the country. Start of the month remained under the dry continental air over most parts of the country, However, a westerly wave entered through the northern parts of the country from 3–5 November, affecting Khyber Pakhtunkhwa (KP), Gilgit-Baltistan (GB), Kashmir, and the Northern areas of Punjab, while another trough developed over southeast Sindh. Resultant Rain/Thunderstorm with isolated heavy to rather heavy and few moderate falls occurred in KP. G.B, Kashmir, Northern areas Punjab and isolated place of Southeast Sindh during the period.

Afterward, dry continental air once again dominated over the country through the end of the month. Meanwhile, central and southern Punjab remained engulfed in severe smog and Shallow fog, causing air quality to deteriorate to dangerously poor levels for most of the month.

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

S No	Stations	Weather Parameters	New/Repeated value		Past Record		No of years examined.
			Value	Date	Value	Date	
1	BALAKOT	Coldest night Temperature (°C)	0.6	28-Nov-2025	0.6	30-Nov-1962	65
2	SKARDU	Coldest night Temperature (°C)	-11.1	30-Nov-2025	-9.5	29-Nov-2003	65

Rainfall: Below average

Climatologically, November is considered as a below average rainy month with rainfall contribution to the national annual and seasonal Oct-Dec (OND) totals being 1.7% and 19.5%, respectively. During the month, Pakistan experienced isolated heavy to rather heavy and few moderate Rainfall/Thunderstorm events in Gilgit-Baltistan, Kashmir, Khyber Pakhtunkhwa and Punjab during the month. The daily area-weighted rainfall is shown in Fig-1.

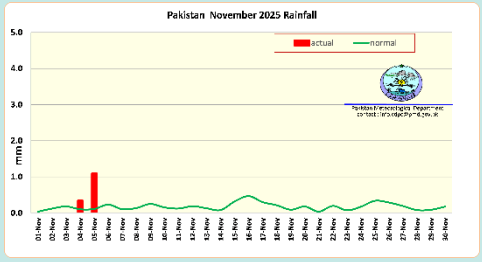

Fig-1: Daily Area-averaged Rainfall (mm) in Pakistan

The November 2025 with only 1.4 mm rainfall was **Largely below average** with a departure of **-72%** for Pakistan as a whole. Whereas the situation was more or less similar on regional scale. i.e., a **largely below average** rainfall occurred at Balochistan with 0.0 mm (**-100%**) (a condition that has occurred consistently 16 times in the historical record during past 65 years). The regions Khyber Pakhtunkhwa with 5.4 mm **(-70%)**, Punjab with 0.5 mm **(-89%)**, AJK with 9.0 mm **(-59%)** and Gilgit-Baltistan with 2.7 mm **(-38%)** were the regions to have exhibited a **below to largely below average** rainfall (Table-3). Whereas the Sindh with 1.8mm (**+14%**) was the only region to observe a **slightly above average** rainfall.

The heaviest one-day rainfall of 50.8 mm occurred at Saidu Sharif (Khyber Pakhtunkhwa) on 5th November. The same station has been the wettest place with monthly total rainfall 61.0 mm (Table-1).

Table-3: November 2025 Area Weighted Rainfall

Region	Rank (of 65y)	Normal (mm)	Average (mm)	Departure (percent)	Comment
Pakistan	15	5.2	1.4	-72	-
Azad Jammu & Kashmir	23	22.1	9.0	-59	-
Balochistan	65	2.6	0.0	-100	-
Gilgit Baltistan	40	4.3	2.7	-38	-
Khyber Pakhtunkhwa	15	17.6	5.4	-70	-
Punjab	14	4.2	0.5	-89	-
Sindh	50	1.6	1.8	14	-

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

Alongside the wettest station, Saidu Sharif (Khyber Pakhtunkhwa), some other stations also have recorded light to moderate rainfalls, i.e. Mithi 22.0 mm, Lower Dir and Kakul with 20.0 mm, Kasur 19.0 mm, Garhi Dupatta 18.0 mm, Dir 16.0 mm, Pattan 15.0 mm, Astore 13.0 mm, Kalam 13.0 mm, Muzaffarabad Airport 11.9 mm, Islamabad Zeropoint and Rawalakot with 10.0 mm.

On the other hand, remining stations all over Pakistan remained absolutely dry with no rain during the month.

November 2025 Rainfall maps

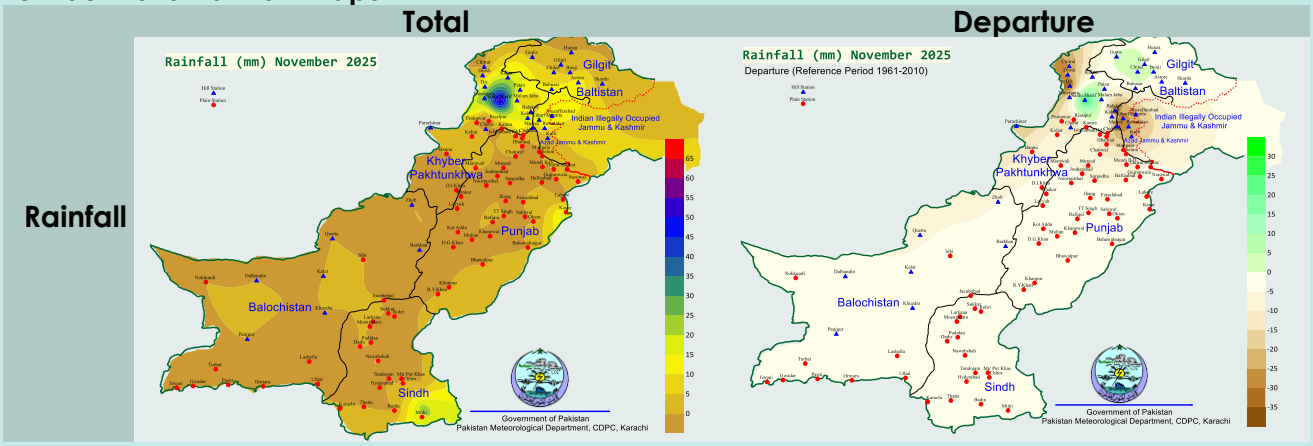

Fig. 2. November-2025 spatial rainfall distribution and departure from normal

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

Area Averaged Temperatures (°C) in November 2025 and anomalies from normal 1961-1990						
Regions	Maximum Temperature		Minimum Temperature		Mean Temperature	
	Actual	Anomaly	Actual	Anomaly	Actual	Anomaly
Pakistan	26.00	0.08	9.03	-0.30	17.49	-0.37
Azad Jammu & Kashmir	19.56	0.95	3.45	-1.08	11.50	-0.10
Balochistan	26.23	0.23	8.86	-0.35	17.47	-0.47
Gilgit-Baltistan	16.43	1.19	-1.81	-2.80	7.32	-0.83
Khyber Pakhtunkhwa	23.12	0.78	5.85	-1.36	14.49	-0.29
Punjab	27.06	-0.66	10.87	0.35	19.00	-0.48
Sindh	31.01	-0.60	14.53	0.65	22.79	0.08

Area Weighted Mean Temperatures (cooler than average)

The November 2025 national mean temperature of 17.49 °C was cooler than the country-area weighted mean of 17.87 °C with anomaly of -0.37 °C. A similar trend prevailed on regional scale i.e. Gilgit-Baltistan with 7.32 °C (-0.83 °C) ranked 10th lowest (record is 6.69°C in 2020), Balochistan with 17.47 °C (-0.47°C), Punjab 19.00 °C(-0.48 °C), Khyber Pakhtunkhwa 14.49 °C (-0.29 °C) and AJK 11.50 °C (-0.10 °C) all recorded cooler then average. Whereas Sindh was the only region with 22.79 °C (+0.08 °C) recorded near average mean temperature with a slight positive anomaly. The mean temperature anomalies ranged from -2.7 °C to +1.5 °C in the country with those being considerably higher over northern Balochistan, Eastern Sindh and South Punjab.

Area Weighted Maximum temperatures

The country-level monthly mean maximum (daytime) temperature of 26.00 °C was near average with positive anomaly of +0.08 °C. However, a diverse trend was observed on regional scale, i.e. Gilgit-Baltistan with 16.43 °C (+1.19 °C), AJK 19.56 °C (+0.95 °C), Khyber Pakhtunkhwa with 23.12 °C (+0.78 °C) and Balochistan with 0.23 °C (+0.23°C) all recorded warmer than average maximum temperatures. In contrast Sindh with 31.01°C (-0.60 °C) and Punjab with 27.06 °C (-0.66 °C) were the regions to have observed cooler-than-average temperatures (Table-4, Fig-3 upper panel). The mean maximum temperature anomalies remained in the range from -2.9 °C to +3.5 °C in the country with those being considerably higher over north-west Gilgit-Baltistan.

The hottest day of the month was 38.5 °C recorded at Turbat (Balochistan) on 2nd November. Whereas the station at Mithi (Sindh) and Lasbela (Balochistan) both proved to be the warmest place with a mean monthly maximum temperature of 33.2 °C (Table-1).

Area Weighted Minimum temperatures (cooler than average)

The country's monthly mean minimum (night-time) temperature of 9.03 °C was slightly cooler

by -0.30 °C than the average 9.33 °C. A similar trend was found across the regions i.e. for Gilgit-Baltistan -1.81 °C (-2.80 °C) and ranked 1st lowest (the record was -0.93°C in 2007), AJK with 3.45 °C (-1.08 °C) and ranked 6th lowest (the record being 2.87°C in 1975), Khyber Pakhtunkhwa with 5.85 °C (-1.36°C) ranked 8th lowest (record being 4.72°C in 2009) and Balochistan with 8.86 °C (-0.35 °C), all recorded cooler than average minimum temperatures. Whereas Sindh with 14.53 °C (+0.65 °C) and Punjab with 10.87 °C (+0.35 ° C) recorded warmer than average minimum temperature (Table-4, Fig-3, middle panel). The mean minimum temperature anomalies ranged from -4.2 °C to +2.2 °C in the country with those being considerably higher over Eastern Sindh.

The lowest night (minimum) temperature of the month was -11.1°C recorded at Skardu (Gilgit-Baltistan) on 30th November. The same station happened to be the coldest place with mean monthly minimum temperature of -6.0 °C. (Table-1).

November 2025 Temperature maps

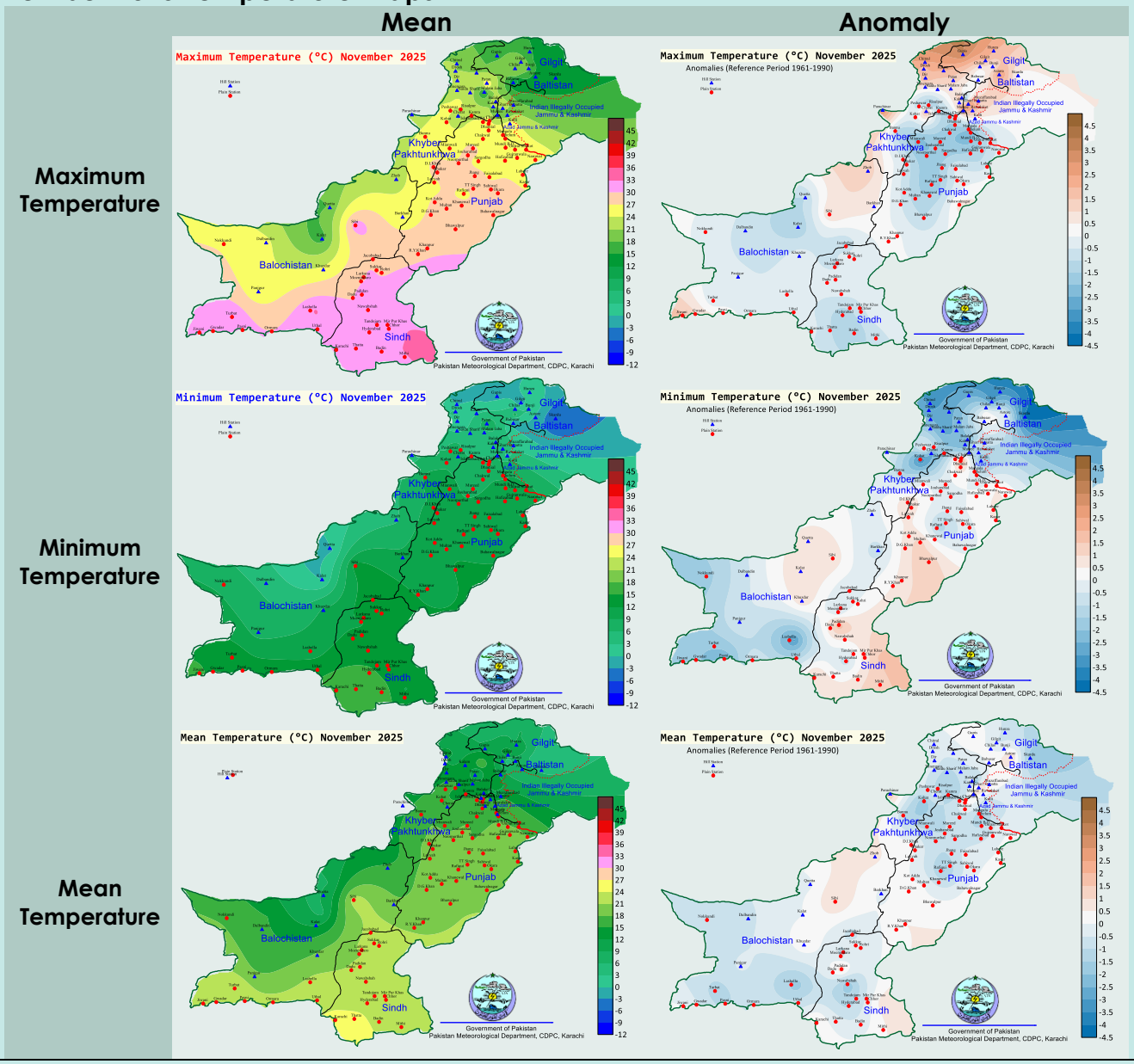

Fig. 3. November-2025 Temperatures (Maximum, Minimum & Mean) and their anomalies.

Table 5: November 2025 Monthly Averages & Normals

Station	Pressure (mb)		Temperature (°C)			Vapour (mb)	Precipitation	
	Station Level	Sea Level	Mean	Maximum	Minimum	Pressure	Total (mm)	Days
Drosh	857.0	1532.2	12.1	21.0	3.1	4.1	5.2	1.0
	857.8	1540.5	13.0	19.6	6.5	4.7	26.8	3.8
Peshawar	979.0	1017.7	15.7	25.3	6.1	11.2	0.0	0.0
	974.1	1015.8	17.9	26.2	9.5	11.3	11.4	2.3
Parachinar	----	----	12.9	21.1	4.8	----	0.0	0.0
	830.5	1531.4	11.1	18.5	3.8	5.1	16.5	3.3
Chaklala	958.9	1017.5	17.1	24.4	9.7	9.6	1.0	1.0
	957.2	1015.8	16.9	25.9	7.9	10.6	15.6	2.6
Sargodha	994.1	1015.7	19.1	27.4	10.8	12.9	0.0	0.0
	993.5	1015.3	19.2	27.9	10.6	13.5	6.7	1.4
Jhelum	988.2	1015.5	17.2	25.1	9.2	13.2	0.0	0.0
	987.8	1015.0	19.0	27.7	10.4	12.9	10.0	1.7
Sialkot	986.0	1015.8	17.8	25.3	10.2	13.5	5.0	1.0
	985.7	1015.3	18.0	26.1	9.9	13.5	9.5	1.6
Zhob	859.3	1496.2	14.2	22.7	5.6	3.1	0.0	0.0
	860.9	1511.8	14.0	22.4	6.0	5.9	3.5	0.3
D.I.Khan	995.5	1015.6	19.3	27.3	11.4	13.4	0.0	0.0
	986.6	1014.7	19.4	28.0	10.7	13.1	2.2	0.8
Lahore	991.0	1016.0	19.4	26.6	12.1	12.8	0.0	0.0
	990.0	1014.9	20.1	27.7	12.4	13.6	6.5	1.8
Quetta	847.3	1562.4	9.1	18.2	-0.1	2.2	0.0	0.0
	844.6	1534.9	9.9	19.7	0.1	5.1	4.5	1.3
Multan	1001.1	1015.5	19.7	27.3	12.1	13.0	0.0	0.0
	1000.8	1015.3	20.1	28.8	11.4	13.9	2.3	0.8
Barkhan	893.8	1523.0	17.2	24.9	9.5	3.9	0.0	0.0
	893.6	1520.8	17.4	24.3	10.5	6.9	5.0	0.4
Nokkundi	939.5	1016.4	17.5	26.6	8.3	2.8	0.0	0.0
	938.7	1015.4	18.8	27.3	10.3	7.4	0.3	0.3
Dalbandin	923.7	1547.0	15.0	24.8	5.1	4.5	0.0	0.0
	921.6	1530.9	16.2	24.8	5.1	5.5	0.4	0.3
Jacobabad	1008.7	1015.2	21.4	29.0	13.7	14.1	0.0	0.0
	1008.0	1014.6	22.2	30.2	14.1	13.4	1.3	0.1
Khanpur	1004.8	1015.2	20.2	29.5	10.8	13.7	0.0	0.0
	1004.1	1014.4	20.1	29.7	10.5	13.2	0.5	0.3
Panjgur	908.7	1542.7	16.2	24.4	7.9	6.9	0.0	0.0
	907.7	1529.5	17.1	25.1	9.0	4.3	1.9	0.3
Khuzdar	880.5	1531.2	17.1	24.7	9.5	6.5	0.0	0.0
	879.4	1511.0	16.6	25.0	8.3	3.2	5.1	0.3
Sh. Benazirabad	1012.3	1015.7	22.0	31.2	12.7	13.6	0.0	0.0
	1011.1	1015.0	22.1	32.0	12.3	15.0	1.5	0.1
Jiwani	1009.9	1016.4	24.1	31.4	16.8	13.4	0.0	0.0
	1009.2	1014.9	23.8	29.7	17.9	18.2	3.9	0.4
Pasni	1015.3	1015.9	22.3	31.3	13.3	11.7	0.0	0.0
	1013.4	1013.9	23.3	31.0	16.0	17.4	1.0	0.1
Hyderabad	1009.8	1014.7	23.5	30.5	16.5	12.4	0.0	0.0
	1009.9	1014.3	24.8	31.8	17.4	14.1	2.3	0.2
Chhor	1013.4	1014.1	23.2	32.9	13.5	15.1	0.0	0.0
	1013.0	1013.7	22.5	33.5	11.8	12.9	3.6	0.3
Karachi	1012.5	1015.2	24.3	31.6	16.9	12.5	0.0	0.0
	1012.1	1014.4	24.2	32.2	16.3	14.8	0.9	0.2

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

Table 6: November 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	18.0	01	9.5	29*	27.6	01	0.9	30	5.2	05	6.0	3*
Peshawar	21.8	01*	11.9	26	30.5	1*	2.0	30	0.0	00	4.0	24*
Parachinar	17.5	02*	10.5	30	25.5	02	3.0	20*	0.0	-	0.0	-
Chaklala	21.8	01	14.0	29	29.2	02	6.0	29	1.0	05	19.0	04
Sargodha	24.1	02	15.6	26	31.7	03	6.3	30	0.0	00	2.0	2*
Jhelum	22.2	01	13.8	30	29.4	01	4.8	30	0.0	00	4.0	5*
Sialkot	23.1	02	14.6	30	30.3	02	6.8	29	5.0	05	4.0	30
Zhob	20.5	01	9.3	28*	29.0	01	0.5	29	0.0	00	6.0	04
D.I.Khan	24.3	02	15.0	28*	31.5	02	5.0	30	0.0	00	4.0	4*
Lahore	24.6	02	15.5	30	31.0	2*	7.5	30	0.0	00	8.0	04
Quetta	15.8	01	5.0	30	24.5	01	-4.0	29	0.0	00	20.0	4*
Multan	25.2	01	14.9	30	32.1	02	7.5	29	0.0	00	6.0	4*
Barkhan	22.8	01	12.5	27*	30.5	01	4.5	29*	0.0	00	10.0	04
Nokkundi	24.0	02	12.8	27	32.0	2*	2.5	27*	0.0	00	14.0	4*
Dalbandin	21.8	01	10.3	30	31.0	01	0.0	28	0.0	00	8.0	04
Jacobabad	26.5	02*	17.5	29*	35.0	04	10.0	29*	0.0	00	4.0	05
Khanpur	25.5	04	16.6	30	35.2	04	6.8	30	0.0	00	4.0	4*
Panjgur	22.3	02	12.8	26*	30.0	02	2.9	19	0.0	00	20.0	4*
Khuzdar	21.0	01*	14.0	28*	29.0	01	6.5	30	0.0	00	6.0	3*
Sh. Benazirabad	27.3	01	18.3	30	37.5	1*	9.0	30	0.0	00	12.0	5*
Jiwani	29.0	02	19.3	30	36.0	02	9.5	30	0.0	00	16.0	06
Pasni	29.0	02	18.3	29	37.5	02	9.0	30	0.0	00	25.0	04
Hyderabad	28.8	03	20.5	28	36.5	3*	13.0	18*	0.0	00	18.0	05
Chhor	28.5	04	20.5	26*	36.5	02	10.0	26	0.0	00	4.0	3*
Karachi	28.5	04*	21.3	30	36.5	04	13.0	30	0.0	00	12.0	27*

* 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.

Contact

Director, Climate Data Processing Centre, Pakistan Meteorological Dept
Meteorological Complex, Gulistan e Jauhar, Block #5, Karachi-75290
Webpage: https://cdpc.pmd.gov.pk/; Email: info.cdpc@pmd.gov.pk

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