



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

In brief

- The national mean temperature of 14.28 °C was **significantly warmer** than the country-average of 12.77°C with an anomaly of **+1.52 °C** and ranked 7th highest (the record is 15.64°C in 2016).
- The country-level nighttime (minimum) temperature of **6.46°C** was also **significantly warmer** by **+1.61°C** than the countrywide average of 4.85 °C and ranked 8th highest (record 7.22°C in 2016).
- The daytime (maximum) temperature of **22.01 °C** at country-level also **significantly warmer** with a positive anomaly of **+1.76 °C**.
- The **hottest** day of the month was observed at Mithi (Sindh) on 10th & 20th when it recorded a maximum temperature of **34.5 °C** and coincidentally, the same station proved to be the **warmest** place with a mean monthly maximum temperature of **31.4°C**.
- The **coldest** night temperature of **-9.6 °C** of the month was recorded at Skardu (Gilgit-Baltistan) on 1st December. Coincidentally, the same station happened to be the **coldest** place with mean monthly minimum temperature of **-4.0 °C**.
- The national area-weighted rainfall of 7.6 mm was **well below average** with a negative departure of **-43%** in December-2025.
- The heaviest one-day rainfall of 32.0 mm occurred at Rohri (Sindh) on 31st December. Whereas Kalam has been the wettest place with monthly total of 46.1 mm.
- Niño indices are indicating weak La Niña conditions with sea surface temperatures (SST) anomaly around **-0.87 °C** over the central equatorial Pacific Ocean.
- The Indian Ocean Dipole (IOD) is in negative phase.

Table-1: National Weather Extremes during December 2025

Hottest day	34.5 °C	at Mithi (Sindh) on 10 th & 20 th
Coldest day	2.5 °C	at Kalam (Khyber Pakhtunkhwa) on 31 st
Coldest night	-9.6 °C	at Skardu (Gilgit-Baltistan) on 1 st
Warmest night	18.5 °C	at Thatta (Sindh) on 31 st
Wettest day	32.0 mm	at Rohri (Sindh) on 31 st
Wettest month	46.1 mm	at Kalam (Khyber Pakhtunkhwa)
Coldest place	-4.0 °C	Skardu (Gilgit Baltistan)
Warmest place	31.4°C	at Mithi (Sindh)

Synoptic Summary

Dry continental air, accompanied by dense foggy conditions, remained the predominant feature over most parts of the country during most time of the month. However, three weak-intensity western disturbances entered the northern and western parts of the Country during 12–16, 19–23 & 29–31. These systems spread across the upper and central parts of the country, affecting Khyber

Pakhtunkhwa (KP), Gilgit-Baltistan (GB), Kashmir, Punjab, Balochistan, and Sindh. As a result, light to moderate rainfall occurred, with isolated rather heavy rainfall and snowfall over hilly areas of KP, GB, Kashmir, Balochistan, and Punjab, and at a few places in Sindh during the month. A dry spell prevailed rest of the month.

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

S No	Stations	Weather Parameters	New/Repeated value		Past Record		No of years examined.
			Value	Date	Value	Date	
1	Mianwali	Hottest Night Temperature (°C)	12.5	21-Dec-2025	12.5	02/2023	65

Rainfall: Well Below Average

Climatologically, December is considered as a below average rainy month with rainfall contribution to the national annual and seasonal Oct-Dec (OND) totals being 4.5% and 50.3%, respectively. During the month, Pakistan experienced light to moderate rainfall, with isolated rather heavy rainfall, snowfall over hilly areas of KP, GB, Kashmir, Balochistan& Punjab, and at a few places in Sindh during the month. The daily area-weighted rainfall is shown in Fig-1.

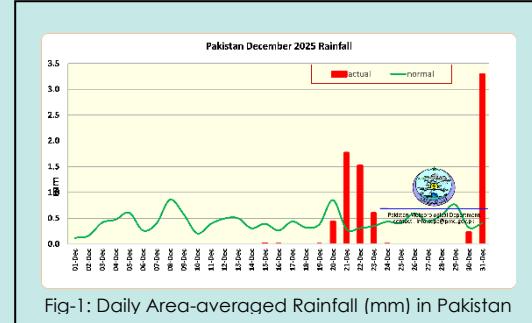


Fig-1: Daily Area-averaged Rainfall (mm) in Pakistan

The December 2025 with only 7.6 mm rainfall was **well below average** with a departure of **-43%** 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 Punjab with 2.5 mm (**-76%**). Whereas Khyber Pakhtunkhwa 13.1 mm (**-56%**), AJK with 23.6 mm (**-43%**), Balochistan with 8.9 mm (**-31%**) and Gilgit-Baltistan with 7.6 mm (**-28%**) were the regions to have exhibited a below average rainfall (Table-3). Whereas Sindh was the only region to exhibit a **well above average** rainfall with 5.1 mm (**+48%**) and ranked 9th highest of the month (the record being 46.9mm in 2008).

The heaviest one-day rainfall of 32.0 mm occurred at Rohri (Sindh) on 31st December. Whereas Kalam has been the wettest place with monthly total rainfall 46.1 mm (Table-1).

Table-3: December 2025 Area Weighted Rainfall

Region	Rank (of 65y)	Normal (mm)	Average (mm)	Departure (percent)	Comment
Pakistan	32	13.3	7.6	-43%	---
Azad Jammu & Kashmir	34	41.5	23.6	-43%	---
Balochistan	42	12.8	8.9	-31%	---
Gilgit Baltistan	40	10.6	7.6	-28%	---
Khyber Pakhtunkhwa	28	30.0	13.1	-56%	---
Punjab	22	10.2	2.5	-76%	---
Sindh	57	3.4	5.1	48%	09 th highest (46.9mm rainfall recorded in 2008)

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

December 2025 Rainfall maps

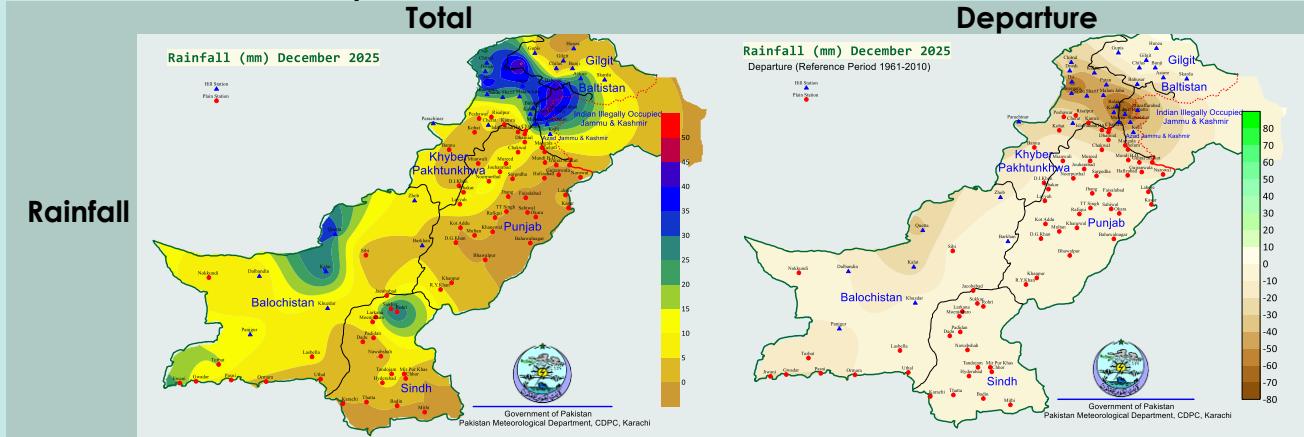


Fig. 2. December-2025 spatial rainfall distribution and departure from normal

Alongside the wettest station, Kalam (Khyber Pakhtunkhwa), some other stations also have recorded light rainfalls, i.e. Garhi Dupatta 45.0 mm, Dir 40.0 mm, Murree 34.5 mm, Quetta (Samungli) 34.0 mm, Pattan 32.0 mm, Rohri 32.0 mm, Kalat 31.0 mm, Muzaffarabad City 30.1 mm, Mirkhani 30.1 mm, and Balakot 30.0 mm.

On the other hand, a number of stations remained absolutely dry with no rain during the month, i.e. Badin, Bahawalnagar, Chhor, D.G.Khan, Faisal Base, Faisalabad Airport, Gujranwala, Gujrat, Hafizabad, Hunza, Jhang, Kasur, Lahore Airport, Masroor, Mithi, Narowal, Okara, Sh.B.Abad, Shorkot Airbase, Sialkot Airport, Sialkot Cantt, Sibbi, T.T. Singh. Whereas the stations: Bahawalpur City, Bahawalpur Airport, Kot Addu, Multan City, Sahiwal, Khanewal and Thatta 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 December 2025 and anomalies from normal 1961-1990						
Regions	Maximum Temperature		Minimum Temperature		Mean Temperature	
	Actual	Anomaly	Actual	Anomaly	Actual	Anomaly
Pakistan	22.01	1.76	6.46	1.61	14.28	1.52
Azad Jammu & Kashmir	14.96	2.24	2.55	2.07	8.77	2.16
Balochistan	22.85	2.17	6.27	1.19	14.62	1.47
Gilgit-Baltistan	11.79	3.50	-1.44	1.62	5.21	2.58
Khyber Pakhtunkhwa	18.49	2.09	3.86	1.02	11.22	1.58
Punjab	22.44	0.52	7.85	2.24	15.19	1.10
Sindh	27.27	1.10	10.71	1.86	19.01	1.54

Area Weighted Mean Temperatures (Significantly warmer than average)

December 2025 national mean temperature of 14.28 °C was significantly warmer than the country-area weighted mean of 12.77 °C with anomaly of +1.52 °C and ranked 7th highest during past 65 years (record is 15.64°C in 2016). A similar trend prevailed on regional scale i.e. Gilgit-Baltistan with 5.21°C (+2.58 °C) & AJK with 8.77 °C (+2.16°C) both ranked 2nd highest (records are 5.35°C in 2004 & 9.08 °C in 2016 respectively), Khyber Pakhtunkhwa with 11.22 °C (+1.58 °C) ranked 5th highest (the record being 12.01 °C

in 2016), Sindh with 19.01 °C (+1.54 °C) ranked 7th highest (the record is 20.81 °C in 2016), Punjab with 15.19 °C (+1.10 °C) and Balochistan 14.62 °C (+1.47 °C) all recorded significantly warmer than average temperature. The mean temperature anomalies ranged from -1.0 °C to +4.0 °C in the country with those being considerably higher over northwest Balochistan and Gilgit-Baltistan .

Area Weighted Maximum temperatures (Significantly warmer than average)

The country-level monthly mean maximum (daytime) temperature of 22.01 °C was near average with positive anomaly of +1.76 °C. A similar trend was observed on regional scale; i.e. Gilgit-Baltistan with 11.79 °C (+3.50 °C) ranked 3rd highest (the record being 12.4°C in 1998) , AJK 14.96 °C (+2.24 °C) recorded 8th highest (the record 16.57°C in 2016), Balochistan with 22.85 °C (+2.17°C) ranked 10th highest (the record being 25.4°C in 2016), Khyber Pakhtunkhwa with 18.49 °C (+2.09 °C), Sindh with 27.27°C (+1.10 °C) and Punjab with 22.44 °C (+0.52 °C) all recorded warmer than average maximum temperatures (Table-4, Fig-3 upper panel). The mean maximum temperature anomalies remained in the range from -1.2 °C to +5.1 °C in the country with those being considerably higher over Northern Gilgit-Baltistan and Western Balochistan.

The hottest day of the month was 34.5 °C recorded at Mithi (Sindh) on 10th & 20th December. Coincidentally the same station proved to be the warmest place with a mean monthly maximum temperature of 31.4 °C (Table-1).

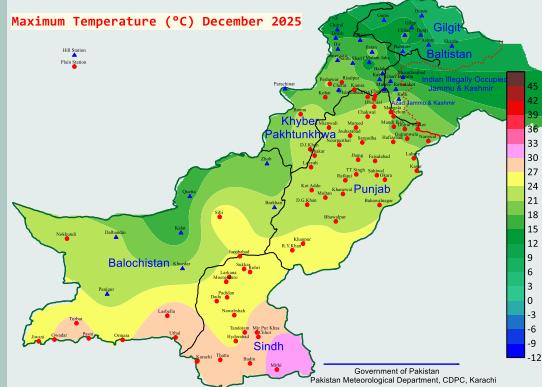
Area Weighted Minimum temperatures (Significantly warmer than average)

The country's monthly mean minimum (night-time) temperature of 6.46 °C was warmer by +1.61 °C than the average 4.85 °C and ranked 8th warmest in past 65 years (the record being 7.22°C in 2016). A similar trend was found across the regions i.e. for AJK -2.55 °C (+2.07 °C) and ranked 2nd highest (the record being -2.98°C in 2004), Punjab with 7.85 °C(+2.24°C) and Gilgit-Baltistan with -1.44°C (+1.62°C) both ranked 7th highest (the record is 8.65°C in 2016 & the being record -0.15°C in 1991)respectively. Khyber Pakhtunkhwa with 3.86 °C(+1.02 °C) and ranked 8th highest (the record 4.67°C in 1991), Sindh with 10.71 °C(+1.86°C) ranked 10th highest (record 12.73°C in 2016) and Balochistan with 6.27 °C (+1.19 °C), all recorded warmer than average minimum temperatures (C Table-4, Fig-3, middle panel). The mean minimum temperature anomalies ranged from -0.6 °C to +4.7 °C in the country with those being considerably higher over western Balochistan.

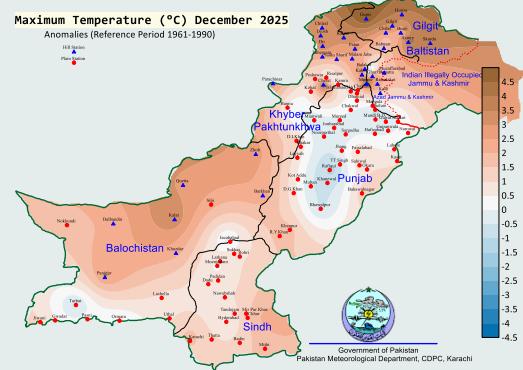
The lowest night (minimum) temperature of the month was -9.6°C recorded at Skardu (Gilgit-Baltistan) on 1st December. The same station happened to be the coldest place with mean monthly minimum temperature of -4.0 °C. (Table-1).

December 2025 Temperature maps

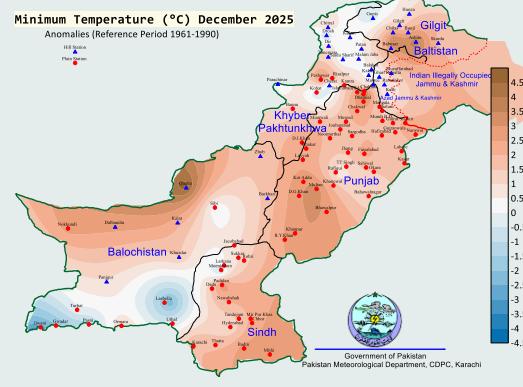
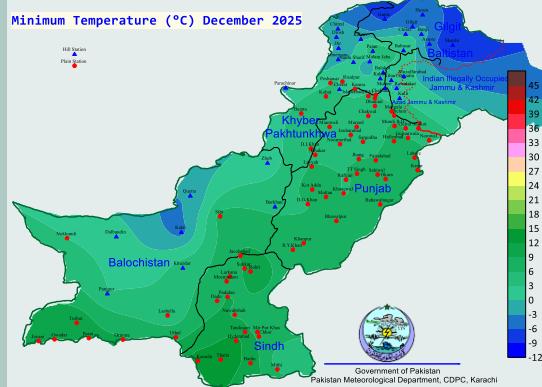
Mean



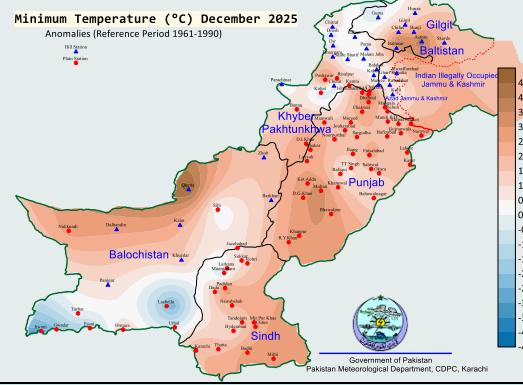
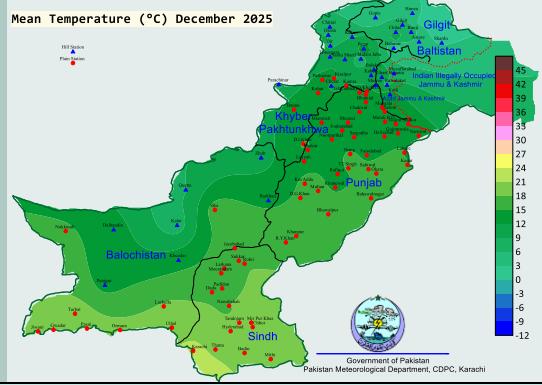
Anomaly



Maximum Temperature



Minimum Temperature



Mean Temperature

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

Table 5: December 2025 Monthly Averages & Normals

Station	Pressure (mb)		Temperature (°C)			Vapour (mb) Pressure	Precipitation	
	Station Level	Sea Level	Mean	Maximum	Minimum		Total (mm)	Days
Drosh	858.3	1544.0	7.8	14.5	1.1	4.7	20.0	4.0
	858.8	1548.4	7.3	12.2	2.3	4.4	37.7	5.5
Peshawar	980.3	1019.3	13.4	21.8	5.0	10.3	3.4	1.0
	976.3	1018.7	12.9	20.7	5.1	8.9	16.9	3.5
Parachinar	---	---	8.2	15.6	0.7	---	11.0	2.0
	830.2	1530.6	6.4	13.4	-0.3	4.4	28.6	3.7
Rawalpindi	959.4	1018.6	14.1	20.7	7.5	9.0	8.5	2.0
	942.8	1019.0	12.0	20.0	4.0	8.3	31.2	4.5
Sargodha	995.5	1017.4	15.1	22.7	7.6	11.7	1.0	1.0
	996.0	1018.3	13.9	22.0	5.6	10.6	9.5	3.4
Jhelum	989.3	1017.1	14.0	20.9	7.0	11.4	3.5	1.0
	990.1	1017.9	13.9	21.5	6.3	10.3	26.6	4.0
Sialkot	987.3	1017.4	13.8	20.0	7.5	12.3	0.0	0.0
	987.8	1018.1	12.9	20.2	5.6	10.8	24.0	3.3
Zhab	860.5	1507.3	10.4	18.4	2.3	4.6	7.0	2.0
	861.3	1515.5	9.1	16.3	1.0	4.8	11.5	0.7
D.I.Khan	996.9	1017.4	15.5	23.0	7.8	11.7	3.0	1.0
	997.2	1017.9	14.0	22.2	5.7	10.1	8.8	2.3
Lahore	992.4	1017.7	15.3	22.0	8.4	12.2	0.2	0.0
	992.5	1017.9	14.8	21.9	7.8	10.6	9.9	3.1
Quetta	845.9	1548.9	8.9	16.2	1.5	3.7	34.0	2.0
	844.3	1533.5	5.9	14.0	-1.9	5.0	37.5	4.3
Multan	1002.5	1017.1	15.6	22.3	8.8	12.3	0.3	0.0
	1003.6	1018.4	14.7	23.0	6.3	10.8	2.7	0.9
Barkhan	894.0	1520.9	14.3	21.3	7.3	4.0	5.0	2.0
	894.3	1521.6	12.6	20.9	6.0	5.5	6.0	0.6
Nokkundi	936.8	1014.1	15.5	22.7	8.2	4.9	5.0	1.0
	939.8	1018.1	13.4	21.4	5.5	6.1	1.8	0.3
Dalbandin	921.1	1519.9	13.7	21.6	5.7	5.2	5.5	4.0
	922.5	1527.1	11.6	18.7	1.8	5.8	12.5	0.9
Jacobabad	1010.1	1016.7	16.7	23.9	9.5	12.2	5.0	1.0
	1011.1	1017.7	16.6	24.3	8.9	10.3	2.9	0.2
Khanpur	1006.5	1017.1	16.8	25.2	8.2	12.8	1.6	1.0
	1006.9	1017.6	14.9	23.8	5.9	10.3	2.7	0.7
Panjgur	908.0	1531.5	13.8	22.1	5.5	6.3	10.0	3.0
	907.8	1527.4	12.5	19.8	5.2	3.9	8.9	1.0
Khuzdar	881.2	1535.0	13.8	21.4	6.1	6.1	6.5	1.0
	878.7	1510.4	12.1	19.8	4.7	2.9	14.3	1.2
Sh. Benazirabad	1014.0	1017.4	18.0	26.4	9.4	12.8	0.0	0.0
	1014.0	1018.0	16.9	26.0	7.8	11.8	1.8	0.2
Jiwani	1010.3	1016.9	19.4	26.8	12.0	14.6	22.0	3.0
	1010.6	1017.1	20.6	26.0	15.1	14.9	23.5	1.4
Pasni	1016.3	1016.9	19.7	27.6	11.8	13.2	4.0	1.0
	1015.6	1016.3	19.7	26.9	12.9	14.0	19.6	0.9
Hyderabad	1011.0	1016.0	20.1	26.7	13.4	12.0	46.0	2.0
	1013.0	1017.1	19.7	26.5	13.0	11.2	1.4	0.2
Chhor	1015.1	1015.8	19.7	30.1	9.2	12.9	0.0	0.0
	1015.7	1016.4	17.7	28.6	6.8	9.9	0.2	0.0
Karachi	1013.6	1016.3	21.3	29.1	13.5	10.7	1.2	1.0
	1014.3	1017.1	20.1	27.9	12.2	11.6	3.9	0.6

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

Table 6: December 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	10.0	18*	3.7	31	17.0	3*	-0.8	27	9.8	31	10.0	24
Peshawar	16.2	16	10.2	30	26.0	11	1.2	03	2.0	22	4.0	20*
Parachinar	10.3	01	1.8	31	18.0	6*	-2.0	29	9.0	31	--	--
Rawalpindi	16.8	18	10.6	31	24.3	16	5.2	09	5.5	22	16.0	24
Sargodha	17.1	17	11.2	31	27.2	08	5.1	29	1.0	22	2.0	4*
Jhelum	16.5	16	11.7	30	24.7	08	4.7	01	3.5	22	6.0	23
Sialkot	16.0	15	9.9	31	23.0	16	5.3	27	0.0	00	2.0	2*
Zhob	14.5	19	7.8	31	22.0	19	0.0	4*	4.0	21	8.0	07
D.I.Khan	18.5	16	11.5	31	27.5	16	6.0	2*	3.0	21	12.0	23
Lahore	17.3	18	11.9	31	25.5	08	6.8	03	0.2	23	4.0	31
Quetta	13.5	19	3.5	23	22.0	11	-5.0	03	29.0	31	28.0	31
Multan	17.1	08*	12.3	31	25.2	24	6.0	28	0.3	31	8.0	21
Barkhan	17.8	12	9.8	31	26.0	11	3.5	28	4.0	21	4.0	1*
Nokkundi	19.8	16	10.0	24	27.5	07	2.0	24	5.0	20	22.0	31
Dalbandin	17.8	18	8.0	23*	26.0	13*	0.0	02	2.0	20	8.0	21
Jacobabad	18.0	17	14.8	31	26.5	08	7.5	2*	5.0	31	2.0	1*
Khanpur	18.2	07*	15.1	31	27.8	07	5.2	04	1.6	31	6.0	31
Panjgur	17.5	16	9.8	22	26.0	10*	2.0	26	6.0	31	12.0	31
Khuzdar	16.5	07	10.8	22	25.5	11	3.0	22	6.5	31	8.0	31
Sh.Benazirabad	20.3	20	16.0	31	30.0	10*	7.0	1*	0.0	00	12.0	22*
Jiwani	22.3	09	17.0	24	31.0	8*	9.0	1*	9.0	20	20.0	3*
Pasni	22.3	09	16.8	27	32.0	09	8.0	27	4.0	31	12.0	22*
Hyderabad	23.3	20	17.6	25	31.5	20	9.5	25	40.0	21	16.0	03
Chhor	21.3	21	17.5	31	32.0	8*	7.0	25	0.0	00	6.0	13
Karachi	23.7	20	19.7	25	32.5	09	11.9	10	1.2	31	12.0	17*

* 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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