



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

In brief

- The national area-weighted rainfall of 62.5 mm was **slightly above average** with a positive anomaly of **+11%** in August-2025.
- The national mean temperature of 30.64 °C was **slightly warmer** than the country-average of 30.25°C with an anomaly of **+0.4 °C**.
- The daytime (maximum) temperature of 36.17 °C at country-level was near to average with a slight positive anomaly of **+0.3 °C**.
- The country-level nighttime (minimum) temperature of 25.08°C was too **warmer** by **+0.8°C** than the countrywide average of 24.31 °C and ranked 4th highest in the past 65 years.
- The **hottest** day of the month was observed at Dalbandin (Balochistan) on 6th when it recorded a maximum temperature of **45.0 °C**. The same station proved to be the **warmest** place with a mean monthly maximum temperature of **43.1 °C**.
- The **coldest** night temperature of **9.5°C** of the month was recorded at Bagrote (Gilgit-Baltistan) on 14th August, whereas the Malam Jabba station (Khyber Pakhtunkhwa) happened to be the **coldest** place with mean monthly minimum temperature of **14.8 °C**.
- The heaviest one-day rainfall of 363.5 mm occurred at Sialkot (Punjab) on 27th August. The same station has been the wettest place with monthly total of 730.82 mm.
- Niño indices are indicating a neutral phase i.e. neither La Niña nor El Niño with sea surface temperatures (SST) anomaly around **-0.23°C** over the central equatorial Pacific Ocean.
- The Indian Ocean Dipole (IOD) is turning to negative phase.

Table-1: National Weather Extremes during August 2025

Hottest day	45.0 °C	at Dalbandin (Balochistan) on 6 th
Coldest day	17.5 °C	at Rawalakot (AJK) on 23 rd
Coldest night	9.5 °C	at Bagrote (Gilgit-Baltistan) on 14 th
Warmest night	32.8 °C	at Bunji (Gilgit-Baltistan) on 12 th & 14 th
Wettest day	363.5 mm	at Sialkot (Punjab) on 27 th
Wettest month	730.8 mm	at Sialkot (Punjab)

Synoptic Summary

In August, Monsoon currents from Arabian Sea (AS) and Bay of Bengal (BOB) are the most dominant features of the month. A recurring Westerly trough remained active over Khyber Pakhtunkhwa, Kashmir, Gilgit-Baltistan, Punjab and Balochistan throughout the month. Other monsoon low-pressure areas developed over Bay of Bengal on 13th further moved towards over West Rajasthan (India) and adjoining Eastern Sindh on 18th and persist till 21st. Strong monsoon currents from the Arabian Sea and Bay of Bengal frequently penetrated the upper and central parts of the country, with peak activity around the third week of the month. While seasonal low/Heat low-pressure (having monthly average pressure of 995 hPa) remained oriented over Northwest Balochistan during the month, with its trough consistently extending south-eastward. Resultant Widespread

Torrential rains occurred in Khyber Pakhtunkhwa, Gilgit-Baltistan, Kashmir, Punjab, Balochistan and Sindh during the month and extremely high-level floods in Punjab and GLOF situation along with flash floods occurred in Khyber Pakhtunkhwa, Gilgit-Baltistan & Kashmir.

Table-2: Repeated Temperature Records Set in August 2025

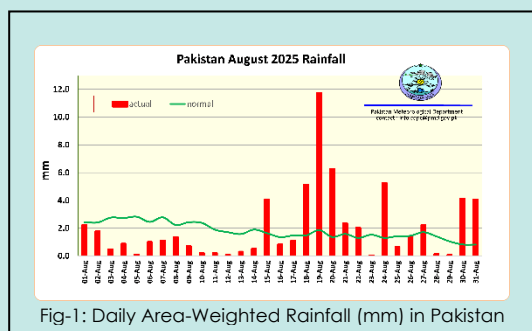
S No	Stations	Weather Parameters	New/Repeated value		Past Record		No of years examined.
			Value	Date	Value	Date	
1	ASTORE	Hottest night Temperature (°C)	23.0	14-Aug-2025	22.5	07-Aug-2024	65
2	ASTORE	Hottest day Temperature (°C)	34.5	12&13-Aug-2025	34.4	01-Aug-1983	72
3	GAWADAR	Hottest day Temperature (°C)	37.5	18-Aug-2025	37.0	07-Aug-2020	24
4	SIALKOT CANTT	Heaviest one day Rainfall (mm)	363.5	27-Aug-2025	339.7	06-Aug-1976	145

Table-3: Significant Winds (August-2025)

Date	Station	Max Wind Knots	Date	Station	Max Wind Knots	Date	Station	Max Wind Knots	Date	Station	Max Wind Knots
07/2025	Peshawar City	35	25/2025	Islamabad AP	40	02/2025	Lahore AP	32	26/2025	Multan AP	30
14/2025	Peshawar AP	36	29/2025	Islamabad AP	48	29/2025	Lahore AP	52	27/2025	Multan AP	30
07/2025	Rawalpindi	30	30/2025	Islamabad AP	30	14/2025	Quetta Samungli	30	07/2025	Peshawar BKIA	30
13/2025	Rawalpindi	30	30/2025	Islamabad ZP	30	15/2025	Multan City	30			
07/2025	Islamabad AP	34	30/2025	Sialkot AP	30	26/2025	Multan City	34			
13/2025	Islamabad AP	39	29/2025	Lahore City	44	15/2025	Multan AP	36			

Rainfall: Above average

Climatologically, August is considered as a good rainy month with rainfall contribution to the national annual total and seasonal July-Sept (JAS) being 18.9% and 39.9%, respectively. During the month, Pakistan experienced few widespread heavy to very heavy rainfall/Thundershower spells in Khyber Pakhtunkhwa, Gilgit-Baltistan, AJK, Punjab, Balochistan and Sindh. The daily area-weighted rainfall is shown in Fig-1.



The August 2025 with 62.5 mm rainfall was **slightly above average** with a departure of **+11%** for Pakistan as a whole. Whereas a diverse situation was observed on regional scale. i.e., Gilgit-Baltistan with 24.0 mm **(+44%)**, and Balochistan with 27.8 mm **(+24%)** observed as an **above average** rainfall. AJK with 167.1 mm and Punjab with 103.3 mm **(+11%)** also observed **slightly above average** rainfall. The Khyber Pakhtunkhwa with 111.3 mm **(+7%)** and Sindh 54.2 mm **(+1%)** was the region to have exhibited a near average rainfall (Table-4). The heaviest one-day rainfall of 363.5 mm occurred at Sialkot (Punjab) on 27th August. The same station has been the wettest place with monthly total rainfall 730.8 mm (Table-1).

Table-4: August 2025 Area Weighted Rainfall

Region	Rank (of 65y)	Normal (mm)	Average (mm)	Departure (percent)	Comment
Pakistan	39	56.2	62.5	11%	-
Azad Jammu & Kashmir	47	150.7	167.1	11%	-
Balochistan	44	22.5	27.8	24%	-
Gilgit Baltistan	53	16.7	24.0	44%	-
Khyber Pakhtunkhwa	38	103.6	111.3	7%	-
Punjab	43	93.5	103.3	11%	-
Sindh	39	53.6	54.2	1%	-

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

August 2025 Rainfall maps

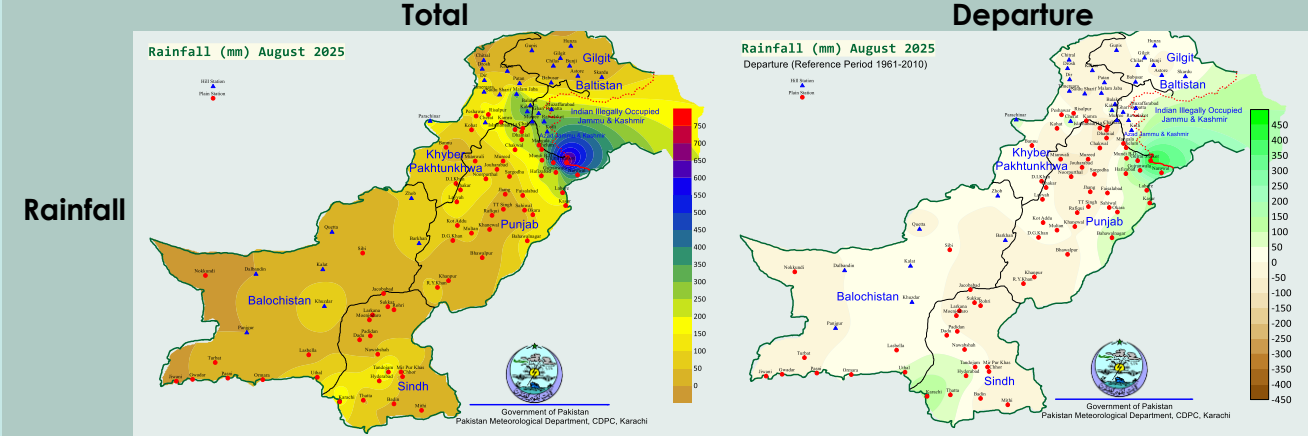


Fig. 2. August-2025 spatial rainfall distribution and departure from normal

Alongside the wettest station, Sialkot city (Punjab), some other stations also have recorded notable rainfalls, i.e. Sialkot Airport 481.1 mm, Gujrat 426.4 mm, Narowal 361.5 mm, Kakul 361.0 mm, Malam Jabba 327.0 mm, Rawalakot 323.4 mm, Muzaffarabad Airport 280.6 mm, Jhelum 280.3 mm, Lahore Airport 275.2 mm, Murree 274.0 mm, Kotli 274.0 mm, Muzaffarabad City 273.0 mm, Mangla 272.7 mm, Islamabad Airport 270.9 mm, Lahore City 253.1 mm, Garhi Dupatta 243.0 mm, Tando Jam 235.0 mm, Gujranwala 230.7 mm, Hafizabad 226.0 mm, Chaklala Airbase 216.5 mm, Mandibahauddin 210.0 mm, Karachi A/P 205.1 mm, Cherat 202.3 mm, Balakot 202.0 mm, Faisal Base 201.0 mm, Islamabad Zeropoint 195.2 mm, Chakwal 182.0 mm, Kamra Airbase 181.0 mm , Sheikhupura 180.7 mm and Parachinar 177.0 mm. On the other hand, only few stations remained absolutely dry with no rain during the month, i.e. Dalbandin, Gwadar, Jiwani, Nokkundi and Panjgur.

Table 5: Monthly Temperature Trends (**Warmer-than-average**) across the country & Sub-regions

Area Averaged Temperatures (°C) in August 2025 and anomalies from normal 1961-1990						
Regions	Maximum Temperature		Minimum Temperature		Mean Temperature	
	Actual	Anomaly	Actual	Anomaly	Actual	Anomaly
Pakistan	36.17	+0.3	25.08	+0.8	30.64	+0.4
Azad Jammu & Kashmir	31.19	+0.6	20.32	+0.8	25.84	+0.8
Balochistan	37.60	+0.6	24.92	+0.8	31.27	+0.6
Gilgit-Baltistan	33.73	+0.6	18.85	+0.1	26.33	+0.3
Khyber Pakhtunkhwa	34.16	+0.3	23.32	+0.8	28.75	+0.6
Punjab	35.77	-0.9	27.05	+0.7	31.43	-0.3
Sindh	36.53	+0.6	27.27	+1.0	31.92	+0.7

Area Weighted Mean Temperatures (**slightly warmer**)

The August 2025 national mean temperature of 30.64 °C was **slightly warmer** than the country- area weighted mean of 30.25 °C with anomaly of **+0.4 °C**. A similar trend prevailed on regional scale i.e. over AJK with 25.84°C (**+0.8 °C**), ranked 6th warmest in past 65 years (**the record is 26.25 °C in 2023**), Khyber Pakhtunkhwa with 28.75 °C (**+0.6 °C**) and ranked 10th warmest in past 65 years (**the record is 29.47 °C in 2009**), Balochistan 31.27 °C (**+0.6 °C**), Sindh with 31.92 °C (**+0.7°C**), Gilgit-Baltistan with 26.33 °C (**+0.60 °C**) all recorded warmer than mean temperatures , whereas Punjab with 31.43 °C (**-0.3 °C**)

observed near to mean temperature with a negative anomaly (Table-5, Fig-3 lower panel). The mean temperature anomalies ranged from -1.3°C to $+4.2^{\circ}\text{C}$ in the country with those being considerably higher over western Balochistan and central Sindh.

Area Weighted Maximum temperatures

The country-level monthly mean maximum (daytime) temperature of 36.17°C was near average with slight positive anomaly of $+0.3^{\circ}\text{C}$. However, a diverse trend was observed at regional scale; for Balochistan 37.60°C ($+0.6^{\circ}\text{C}$), Sindh with 36.53°C ($+0.6^{\circ}\text{C}$), Gilgit-Baltistan with 33.73°C ($+0.6^{\circ}\text{C}$), AJK with 31.19°C ($+0.6^{\circ}\text{C}$) and Khyber Pakhtunkhwa with 34.16°C ($+0.3^{\circ}\text{C}$) all recorded above-average maximum temperatures. On the other hand, Punjab with 35.77°C (-0.9°C) was the only region to have observed cooler-than-average temperature (Table-5, Fig-3 upper panel). The mean maximum temperature anomalies remained in the range from -2.1°C to $+2.2^{\circ}\text{C}$ in the country with those being considerably higher over western Balochistan, Gilgit-Baltistan and Eastern Sindh.

The hottest day of the month was 45.0°C recorded at Dalbandin (Balochistan) on 6th August. The same station proved to be the warmest place with a mean monthly maximum temperature of 43.1°C (Table-1).

Area Weighted Minimum temperatures

The country's monthly mean minimum (night-time) temperature of 25.08°C was also slightly warmer by $+0.8^{\circ}\text{C}$ than the mean 24.31°C and ranked as the 4th highest during the past 65 years (the record is 25.73°C in 1970). A similar trend was found across the regions i.e. for Sindh 27.27°C ($+1.0^{\circ}\text{C}$) ranked as the 3rd highest (the record is 28.13°C in 2020), Khyber Pakhtunkhwa with 23.32°C ($+0.8^{\circ}\text{C}$) ranked 4th highest (the record being 23.87 in 1970), AJK with 20.32°C ($+0.8^{\circ}\text{C}$) ranked as the 7th highest in the past 65 years (record is 20.78°C in 1994), Balochistan with 24.92°C ($+0.8^{\circ}\text{C}$) ranked 9th highest (record is 26.15°C in 1970), Punjab with 27.05°C ($+0.7^{\circ}\text{C}$) and Gilgit-Baltistan with 18.85°C ($+0.1^{\circ}\text{C}$) all recorded warmer than average minimum temperatures (Table-5, Fig-3, middle panel). The mean minimum temperature anomalies ranged from -2.6°C to $+4.4^{\circ}\text{C}$ in the country with those being considerably higher over Western Balochistan.

The lowest night (minimum) temperature of the month was 9.5°C recorded at Bagrote (Gilgit-Baltistan) on 14th August. Whereas the Weather observing station Malam Jabba (Khyber Pakhtunkhwa) happened to be the coldest place with mean monthly minimum temperature of 14.8°C . (Table-1).

August 2025 Temperature maps

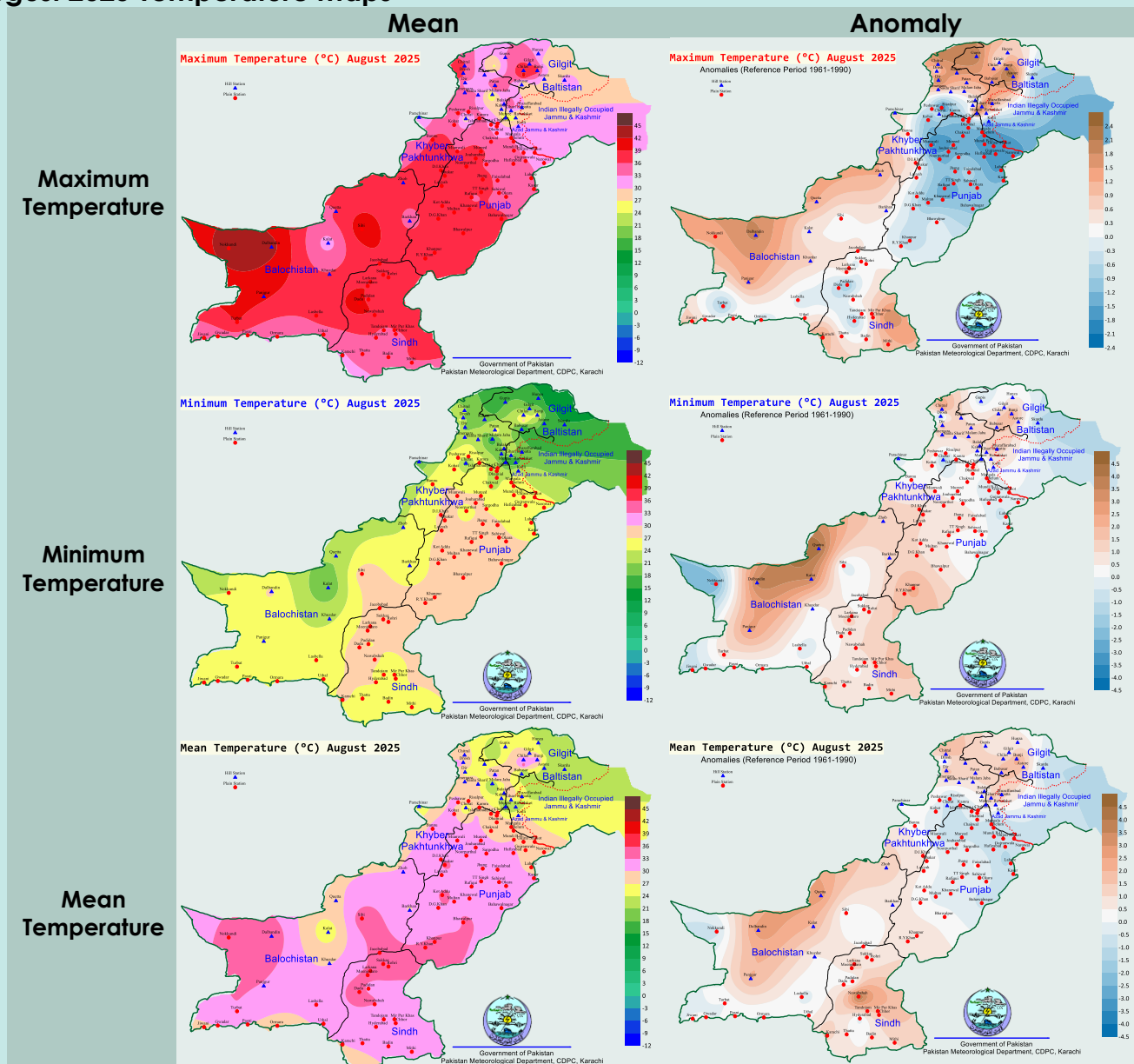


Fig. 3. August-2025 Temperatures (Maximum, Minimum & Mean) and their anomalies.

Table 6: August 2025 Monthly Averages & Normals

Station	Pressure (mb)		Temperature (°C)			Vapour (mb)	Precipitation	
	Station Level	Sea Level	Mean	Maximum	Minimum	Pressure	Total (mm)	Days
Drosh	845.4	1415.8	28.6	36.3	21.0	17.3	0.4	0.0
	845.9	1420.8	29.0	35.9	22.3	15.8	20.0	4.7
Peshawar	965.0	1000.9	30.9	36.3	25.6	33.0	102.0	6.0
	958.9	997.9	30.8	36.0	25.7	29.2	72.6	7.7
Parachinar	-----	-----	23.9	29.4	18.3	-----	177.0	6.0
	822.4	1437.8	23.0	28.8	17.2	18.4	97.4	12.5
Rawalpindi	946.9	1002.4	28.5	32.5	24.5	28.6	216.5	15.0
	944.0	999.2	27.9	33.4	23.6	28.5	348.1	16.7
Sargodha	979.9	1000.0	32.2	36.6	27.6	32.9	58.2	4.0
	978.6	999.3	31.6	36.5	26.6	31.4	131.7	8.9
Jhelum	975.0	1000.9	28.9	32.8	24.8	33.7	280.3	12.0
	973.8	999.0	29.9	34.4	25.3	31.1	251.6	14.8
Sialkot	973.1	1001.4	28.3	31.8	24.8	32.8	730.8	21.0
	971.6	999.6	29.0	33.2	24.8	31.8	323.5	14.2
Zhob	850.4	1409.4	30.2	36.5	23.9	19.6	52.0	5.0
	850.5	1410.3	28.9	35.4	22.4	17.7	49.7	3.7
D.I.Khan	980.5	999.4	32.6	37.8	27.5	33.9	101.0	7.0
	979.4	997.4	31.6	37.3	26.0	31.3	61.7	5.6
Lahore	977.4	1001.1	29.4	33.3	25.5	33.1	253.1	12.0
	975.5	999.1	30.7	34.9	26.5	31.5	194.5	12.7
Quetta	836.7	1448.6	29.2	36.0	22.3	9.9	4.0	1.0
	834.3	1423.2	26.6	35.0	18.3	12.5	13.2	1.5
Multan	986.0	999.6	32.8	36.9	28.7	32.3	64.6	4.0
	984.6	998.3	32.4	37.6	27.9	30.8	36.4	3.5
Barkhan	882.7	1431.6	29.7	35.0	24.3	23.6	67.0	5.0
	882.8	1428.6	28.9	34.5	23.2	22.2	87.7	4.8
Nokkundi	922.8	993.7	33.4	42.8	24.0	6.7	0.0	0.0
	923.7	995.1	33.5	41.7	26.7	11.7	0.4	0.1
Dalbandin	907.2	1435.6	35.3	43.1	27.4	9.7	0.0	0.0
	907.0	1433.4	32.4	40.8	22.4	9.3	0.3	0.1
Jacobabad	993.0	999.2	33.6	38.6	28.6	36.4	8.0	1.0
	991.8	997.9	33.0	37.8	28.2	32.2	35.4	1.3
Khanpur	989.8	999.5	33.2	37.8	28.5	33.9	5.4	1.0
	988.3	998.2	32.0	38.1	25.9	30.4	17.4	1.8
Panjgur	895.1	1441.2	32.8	39.5	26.0	16.3	0.0	0.0
	895.9	1437.3	30.7	38.1	23.4	10.1	7.4	0.5
Khuzdar	870.0	1437.2	29.8	36.2	23.4	11.3	98.4	4.0
	868.5	1411.7	30.4	35.7	22.9	9.0	57.4	3.4
Sh. Benazirabad	996.6	999.9	33.1	38.9	27.3	35.0	62.0	3.0
	995.1	998.9	32.3	38.6	26.0	31.8	46.3	1.6
Jiwani	995.5	1001.8	28.7	32.1	25.2	31.4	0.0	0.0
	994.5	1000.8	28.3	31.0	25.6	29.2	2.1	0.5
Pasni	1001.2	1001.7	29.1	33.1	25.1	31.7	6.0	1.0
	1000.0	1000.8	28.2	32.2	25.9	30.1	11.5	0.2
Hyderabad	995.8	1000.6	31.3	35.6	27.0	31.3	147.0	4.0
	995.6	999.6	31.3	36.0	26.6	29.1	63.1	2.4
Chhor	1000.2	1000.9	31.9	36.3	27.4	33.5	42.0	6.0
	999.1	992.1	30.0	34.7	25.4	30.2	69.3	3.2
Karachi	999.3	1002.0	30.2	33.0	27.3	31.2	205.1	3.0
	998.6	1001.2	29.0	31.9	26.2	29.8	60.1	2.8

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

Table 7: August 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	30.3	12	25.4	19	31.2	12	25.6	19	0.4	06	14.0	24*
Peshawar	33.4	20	27.0	18	33.7	11	26.0	18	52.0	18	6.0	2*
Parachinar	-----	--	-----	--	28.4	01	20.0	20	----	--	----	--
Rawalpindi	31.6	11	25.6	30	31.3	11	26.1	17	52.5	17	24.0	23
Sargodha	35.0	11	26.9	19	35.8	11	27.7	31	53.8	20	8.0	17
Jhelum	32.6	11	24.9	24	32.6	11	24.0	30	61.6	24	8.0	1*
Sialkot	32.4	11	21.8	26	32.4	11	22.4	26	363.5	27	8.0	26*
Zhob	32.6	11	27.4	18*	32.8	12	27.3	31	24.0	01	12.0	02
D.I.Khan	35.3	8*	27.5	24	35.8	11	26.8	24	51.0	24	20.0	23
Lahore	33.6	11	24.8	25*	33.2	08	24.4	31	74.6	31	10.0	24
Quetta	30.5	3*	27.1	19	30.5	13	28.0	29	4.0	19	26.0	19
Multan	36.5	17	27.9	30	36.3	17	28.3	31	42.2	31	18.0	05
Barkhan	32.3	11*	24.9	30	32.8	12	26.5	31	30.0	18	4.0	9*
Nokkundi	38.8	22	35.6	19	34.8	22	32.3	17*	0.0	00	18.0	29
Dalbandin	37.5	12	34.3	26	37.0	13	33.3	26	0.0	00	10.0	31
Jacobabad	34.8	17	31.0	31	35.8	17	30.8	19	8.0	19	8.0	24
Khanpur	34.8	29	30.5	24	35.6	17	31.0	19*	5.4	19	8.0	12*
Panjgur	35.4	13	31.1	24	34.8	14	31.5	24	0.0	00	10.0	13*
Khuzdar	32.3	12	25.6	20	32.8	12	26.5	21	60.4	19	6.0	7*
Sh.Benazira bad	34.3	15	29.4	21	35.1	16	30.1	21	51.0	20	16.0	1*
Jiwani	30.3	21	27.6	11	30.5	21	27.5	05*	0.0	00	14.0	14
Pasni	31.3	18	27.0	13	31.8	18	27.5	07*	6.0	22	8.0	8*
Hyderabad	33.0	17	28.6	21	33.3	16*	28.7	22	58.0	20	28.0	10
Chhor	33.1	15	30.0	22	34.0	15	30.0	22	16.0	18	14.0	5*
Karachi	32.3	18	27.9	21	33.7	18	28.5	23	163.4	20	14.0	7*

* 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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