



Government of Pakistan
Pakistan Meteorological Department
Pakistan Monthly Climate Summary
March 2026

In brief

- The country-level nighttime (minimum) temperature of 14.7°C was **warmer** by **+2.7°C** than the countrywide average of 12.0 °C and ranked **2nd highest** (record 15.0°C in 2022).
- The national mean temperature of 21.6 °C was **warmer** than the country-average of 19.3°C with an anomaly of **+2.3°C** and ranked **5th highest** (record 22.9°C in 2022).
- The daytime (maximum) temperature of 28.5 °C at country-level **warmer** with a positive anomaly of **+2.0 °C**.
- The national area-weighted rainfall of 38.9 mm was **Slightly above average** with a positive departure of **+24%** in March-2026.
- The **hottest** day of the month was observed at Mithi & Sh. Benazirabad (Sindh) on 10th when it recorded a maximum temperature of **40.5 °C** and coincidentally, the same station Mithi proved to be the **warmest** place with a mean monthly maximum temperature of **36.8 °C**.
- The **coldest** night temperature of **-2.0 °C** of the month was recorded at Skardu (Gilgit-Baltistan) on 3rd March. However, the station Kalam (Khyber Pakhtunkhwa) happened to be the **coldest** place with mean monthly minimum temperature of **2.5 °C**.
- The heaviest one-day rainfall of **74.0 mm** occurred at Malam Jabba (Khyber Pakhtunkhwa) on 31st March, Coincidentally the same station has been the wettest place with monthly total of **315.0 mm**.
- Niño indices with anomaly around **-0.52 °C** over the central equatorial Pacific Ocean are indicating a neutral condition i.e. neither a La Niña nor an El Niño.
- The Indian Ocean Dipole (IOD) has turned into neutral phase.

Table-1: National Weather Extremes during March 2026

Hottest day	40.5 °C	at Mithi & Sh. Benazirabad (Sindh) on 10th
Coldest day	4.0 °C	at Bagrote (Gilgit-Baltistan) on 21st & 22nd
Coldest night	-2.0 °C	at Skardu (Gilgit-Baltistan) on 3rd
Warmest night	25.0 °C	at Karachi Airport (Sindh) on 28th
Wettest day	74.0 mm	at Malam Jabba (Khyber Pakhtunkhwa) on 31st
Wettest month	315.0 mm	at Malam Jabba (Khyber Pakhtunkhwa)
Coldest place	2.5 °C	Kalam (Khyber Pakhtunkhwa)
Warmest place	36.8° C	at Mithi (Sindh)

Synoptic Summary

In March 2026, four Western Disturbances (WDs) entered the northern and western parts of the country during 5–6, 8–12, 15–21, and 24–31 March. These systems affected Khyber Pakhtunkhwa (KP), Gilgit-Baltistan (GB), Kashmir, Punjab, Balochistan, and Sindh. As a result, moderate to occasionally heavy rainfall was recorded, along with isolated hailstorms and snowfall over the hilly areas of KP, GB, Kashmir, Punjab, and Northwestern Balochistan. Meanwhile, Southern Balochistan and Sindh

experienced light to moderate rain along with isolated hailstorms during the Month. During remaining days of the month, most parts of the country stayed under the influence of dry continental air.

Table-2: New/Repeated Weather Records Set in March-2026

S No	Stations	Weather Parameters	New Record		Old Record		No of years examined.
			Value	Date	Value	Date	
1	MITHI	Lowest day Temperature (°C)	23.0	10/Mar/2026	23.5	27/Mar/2020	23
2	CHHOR	Hottest night Temperature (°C)	24.0	29&30/Mar/2026	24.0	29/Mar/2015	87
3	TANDO JAM	Wettest month rainfall(mm)	18.0	01/Mar/2026	5.0	01/Mar/2019	18
4	THATTA	Wettest month rainfall(mm)	17.0	01/Mar/2026	9.0	01/Mar/2024	23
5	TANDO JAM	Heaviest one day Rainfall (mm)	9.0	23/Mar/2026	5.0	03/Mar/2019	18
6	THATTA	Heaviest one day Rainfall (mm)	11.0	19/Mar/2026	9.0	02/Mar/2024	23

Table-3: Significant Winds (March-2026)

Date	Station	Max Wind Knots
31/03/2026	Sialkot A/P	40
28/03/2026	Hyderabad A/P	30

Rainfall: Slightly above average

Climatologically, March is considered as an above average rainy month with rainfall contribution to the national annual and seasonal Jan-Mar (JFM) totals being 9.9% and 40.3%, respectively. During the month, Pakistan experienced moderate to heavy rainfall, with isolated hailstorm and snowfall over hilly areas of KP, GB, Azad Jammu & Kashmir (AJK), Northwestern Balochistan & Punjab, and light to moderate hailstorm at a few places in Sindh & southern Balochistan. The daily area-weighted rainfall is shown in Fig-1.

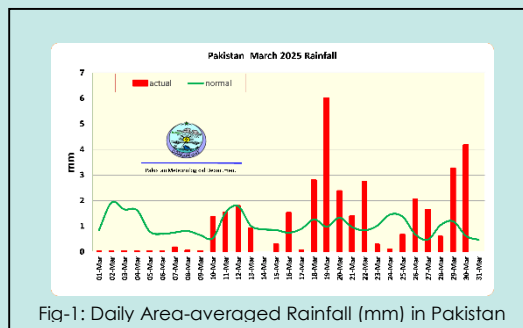


Fig-1: Daily Area-averaged Rainfall (mm) in Pakistan

The March 2026 with 38.9 mm (area-weighted) rainfall was **slightly above average** with a departure of **+24%** for Pakistan as a whole. However, the situation was diverse on regional scale. i.e., **excessively above average** rainfall occurred in Sindh with 8.8 mm **(+129%)**, ranking the 10th highest during the past 66 years (The record is 50.1 mm in 1967) and Balochistan with 34.0 mm **(+57%)**. Whereas GB with 34.6 mm **(+39%)** observed **above average** rainfall, AJK 118.4mm **(+23%)**, KP with 102.8 mm **(+11%)** observed **slightly above average** rainfall. Whereas Punjab was the only region to exhibit a near average rainfall with 28.8 mm **(-9%)**, (Table-3).

The heaviest one-day rainfall of **74.0 mm** occurred at Malam Jabba (Kp) on 31st, March. The same station has been the wettest place with monthly total rainfall **315.0 mm** (Table-1).

Table-4: March 2026 Area-Weighted Rainfall

Region	Rank (of 66y)	Normal (mm)	Average (mm)	Departure (percent)	Comment
Pakistan	43	31.5	38.9	24	-
Azad Jammu & Kashmir	41	96.2	118.4	23	-
Balochistan	49	21.7	34.0	57	-
Gilgit Baltistan	43	24.9	34.6	39	-
Khyber Pakhtunkhwa	40	92.6	102.8	11	-
Punjab	37	31.7	28.8	-9	-
Sindh	57	3.8	8.8	129	10 th highest (50.1 mm rainfall recorded in 1967)

[RANK RANGES FROM 1 (LOWEST) TO 66 (HIGHEST) IN TERMS OF YEARS FROM 1961]

March 2026 Rainfall maps

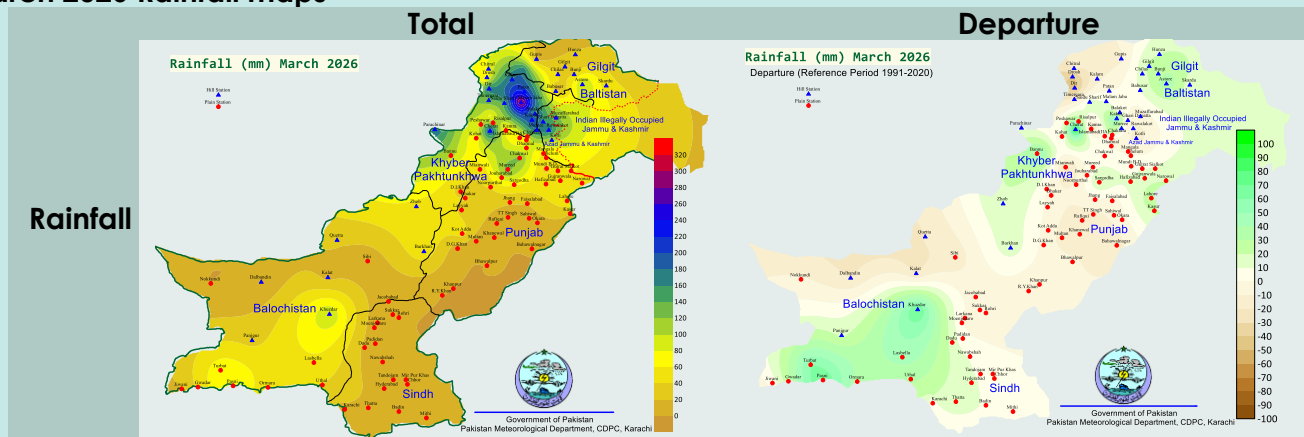


Fig. 2. March-2026 spatial rainfall distribution and departure from normal

Alongside the wettest station, Malam Jabba (KP), the other significant rains recorded during the month were Pattan 227 mm, Cherat 204.6 mm, Kakul 198.7 mm, Muzaffarabad Airport 194.4 mm, Murree 185.2 mm, Parachinar 182.0 mm, Rawalakot 180.1 mm, Muzaffarabad City 172.7 mm, Kalam 172.3 mm, Dir 171 mm, Balakot 148.0 mm, Saidu Sharif 145.4 mm, Garhi Dopatta 144.8 mm, Joharabad 127.5 mm, Chakwal 124.0 mm, Islamabad, (Zeropoint) 121.0 mm, Risalpur 116.5 mm, Dir (Lower) 115.7 mm, Astore 106.5 mm, Kotli 104.0 mm, Khuzdar 100.9 mm, Bannu 98.3 mm, Chaklala Airbase 97.0 mm, Peshawar (Airbase) 95.0 mm, Peshawar (City) 92.2 mm, Pasni 86.0 mm, Chitral 84.9 mm.

On the other hand, Khanpur was the only station remained absolutely dry with no rain during the month. Whereas Bahawalpur Airport, Rahim Yar Khan, Hyderabad Airport, Dalbandin & Nokkundi observed only traces of rainfall.

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

Area Averaged Temperatures (°C) in March 2026 and anomalies from normal 1991-2020						
Regions	Maximum Temperature		Minimum Temperature		Mean Temperature	
	Actual	Anomaly	Actual	Anomaly	Actual	Anomaly
Pakistan	28.5	+2.0	14.7 ^{2nd}	+2.7	21.6 ^{5th}	+2.3
Azad Jammu & Kashmir	20.7 ^{9th}	+2.7	8.1	+2.2	14.5 ^{6th}	+2.5
Balochistan	28.7	+1.9	14.7 ^{2nd}	+2.7	21.7 ^{8th}	+2.2
Gilgit-Baltistan	17.8	+2.0	5.9	+1.9	11.9 ^{7th}	+2.0
Khyber Pakhtunkhwa	23.7 ^{10th}	+2.2	11.1 ^{3rd}	+2.8	17.5 ^{8th}	+2.6
Punjab	30.3	+2.4	16.6 ^{2nd}	+3.0	23.5 ^{5th}	+2.7
Sindh	34.6	+1.2	19.2 ^{1st}	+2.6	26.9 ^{6th}	+1.9

Area-Weighted Mean Temperatures (**Warmer**)

March 2026 national mean temperature of 21.6 °C was **significantly warmer** than the country area-weighted mean of 19.3 °C with positive anomaly of **+2.3 °C** and ranked 5th highest (**the record is 22.9 °C in 2022**). A similar trend prevailed on regional scale, i.e. Punjab with 23.5 °C (**+2.7 °C**) ranked 5th highest (**24.8 °C in 2022**), AJK with 14.5 °C (**+2.5 °C**) & Sindh with 26.9 °C (**+1.9 °C**) both ranked 6th highest (**the records are 15.6 °C in 2004, 28.1 °C in 2010 respectively**), GB with 11.9°C (**+2.0 °C**) ranked 7th highest (**record is 13.73 °C in 2013**), KP with 17.5 °C (**+2.6 °C**) & Balochistan with 21.7 °C both ranked 8th highest (**the records are 19.1 °C & 23.2 °C in 2022 respectively**). The mean temperature anomalies ranged from **+0.3°C** to **+6.0°C** in the country with those being considerably higher over western Balochistan and western KP.

Area-Weighted Maximum temperatures (**Warmer**)

The country-level monthly mean maximum (daytime) temperature of 28.5 °C was also above average with positive anomaly of (**+2.0 °C**). A similar trend observed on regional scale; i.e. AJK with 20.7 °C (**+2.7 °C**) ranked 9th highest (**record is 22.9 °C in 2022**), KP with 23.7 °C (**+2.2 °C**) ranked the 10th highest (**record is 27.0 °C in 2004**), Punjab with 30.3 °C (**+2.4 °C**), GB with 17.8 °C (**+2.0 °C**), Balochistan with 28.7 °C (**+1.9 °C**) & Sindh with 34.6 °C (**+1.2 °C**) all recorded notably warmer than average maximum temperatures (Table-5, Fig-3 upper panel). The mean maximum temperature anomalies remained in the range from +0.0 °C to **+5.6 °C** in the country with those being considerably higher over western Balochistan and western KP.

The hottest day of the month was **40.5 °C** recorded at Mithi & Sh. Benazirabad (Sindh) (Sindh) on 10th March. Coincidentally, the former place, Mithi, proved to be the **warmest** place with a mean monthly maximum temperature of **36.8 °C** (Table-1).

Area-Weighted Minimum temperatures (**warmer than average**)

The country's monthly mean minimum (night-time) temperature of 14.7 °C was **significantly warmer** by **+2.7 °C** than the average 12.0 °C and ranked the 2nd highest (**record is 15.0 °C in 2022**). A similar trend was found across the regions, i.e. Sindh with 19.2 °C (**+2.6 °C**) ranked the 1st highest (**the record was 19.1°C in 2021**), Punjab with 16.6 °C (**+3.0 °C**) and Balochistan with 14.7 C (**+2.7 °C**) both ranked 2nd highest (**records are 17.0 °C, 14.7 °C in 2022 respectively**), KP with 11.1 °C (**+2.8 °C**) ranked the 3rd highest (**record is 11.8 °C in 2022**), AJK with 8.1 °C (**+2.2 °C**) ranked the 4th highest (**record is 8.3 °C in 2004**), GB with 5.9 °C (**+1.9 °C**) ranked the 5th highest (**the records is 9.1 °C in 2013**), all observed **significantly warmer than average** minimum temperatures. The mean minimum temperature anomalies ranged from **-0.4 °C** to **+6.3 °C** in the country with those being considerably higher over western Balochistan and western KP.

The lowest night (minimum) temperature of the month was **-2.0 °C** recorded at Skardu (GB) on 3rd March. Whereas the station Kalam (KP) happened to be the coldest place with mean monthly minimum temperature of **2.5 °C**. (Table-1).

March 2026 Temperature maps

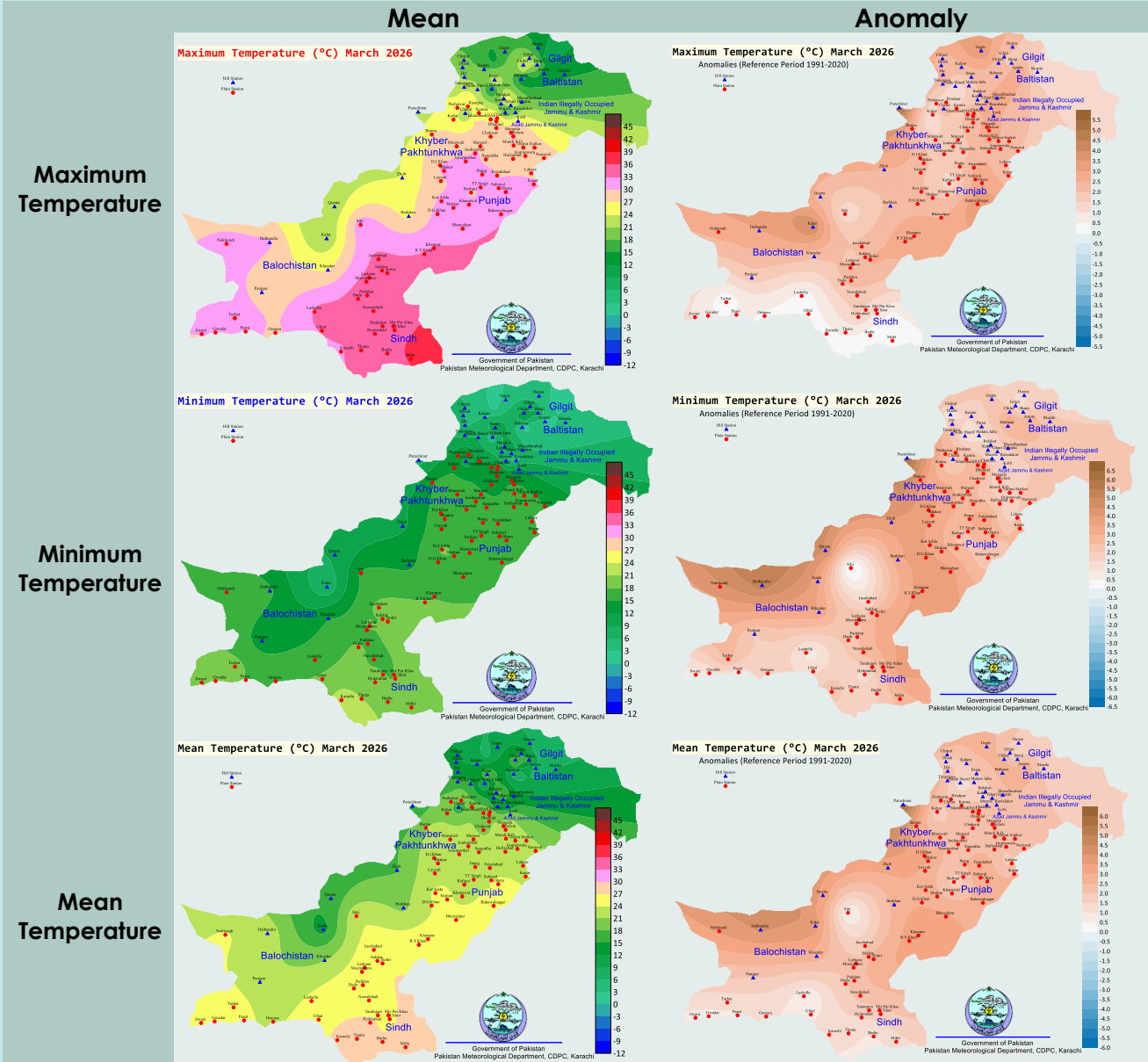


Fig. 3. March-2026 Temperatures (Maximum, Minimum & Mean) and their anomalies.

Table 6: March 2026 Monthly Averages & Normals

Station	Pressure (mb)		Temperature (°C)			Vapour (mb)	Precipitation	
	Station Level	Sea Level	Mean	Maximum	Minimum	Pressure	Total (mm)	Days
Drosh	854.3	1506.6	12.2	19.1	5.3	7.8	66.2	12.0
	855.5	1509.1	10.3	15.9	4.7	6.1	115.6	12.5
Peshawar	974.8	1012.4	20.5	27.7	13.2	16.5	92.2	10.0
	971.3	1012.7	17.1	23.7	11.0	11.6	83.3	10.4
Parachinar	----	----	14.3	20.9	7.7	----	182.0	8.0
	827.3	1501.3	9.2	14.9	2.8	6.1	136.6	12.4
Rawalpindi	954.4	1011.9	20.8	27.0	14.6	12.4	97.0	9.0
	954.2	1012.3	16.8	23.7	10.1	10.8	97.1	10.6
Sargodha	989.0	1010.0	23.7	30.2	17.2	17.5	41.2	8.0
	990.5	1012.1	19.8	27.2	12.5	13.2	32.4	8.4
Jhelum	983.7	1010.5	22.5	30.2	14.7	16.0	59.9	5.0
	984.5	1011.6	18.8	26.3	12.5	12.5	68.8	9.2
Sialkot	981.2	1010.3	21.7	28.4	15.0	17.9	63.5	8.0
	982.5	1011.9	18.5	25.4	11.9	13.3	53.4	7.3
Zhob	856.3	1468.1	17.8	24.1	11.4	7.3	57.0	6.0
	857.6	1478.9	13.6	20.2	7.0	6.8	47.6	4.9
D.I.Khan	990.4	1010.1	23.5	29.8	17.0	18.4	37.4	5.0
	991.7	1011.2	19.6	26.5	12.7	13.1	37.4	7.4
Lahore	985.8	1010.3	23.3	29.7	16.9	17.1	56.3	8.0
	986.7	1011.4	20.5	26.9	14.2	13.2	38.4	7.4
Quetta	842.3	1512.0	15.6	21.7	9.5	7.2	34.0	7.0
	841.0	1500.7	11.1	18.1	3.6	7.2	61.7	7.3
Multan	995.5	1009.5	24.4	30.8	17.9	17.7	6.6	2.0
	997.3	1011.7	20.6	28.2	13.4	13.3	16.6	3.3
Barkhan	890.0	1492.1	20.3	26.3	14.3	8.1	54.0	6.0
	891.4	1490.9	17.1	23.3	11.1	7.7	31.4	3.3
Nokkundi	931.1	1005.7	24.2	30.8	17.5	7.2	0.0	0.0
	934.8	1011.2	19.1	26.9	11.9	8.6	7.3	1.0
Dalbandin	916.3	1497.5	23.0	30.4	15.5	8.2	0.0	0.0
	917.8	1499.9	17.8	25.7	9.1	7.4	12.4	1.5
Jacobabad	1002.9	1009.2	25.9	33.5	18.4	18.1	6.0	2.0
	1004.6	1010.9	23.5	30.9	16.2	12.6	10.6	1.0
Khanpur	999.7	1009.8	25.7	33.3	17.9	19.1	0.0	0.0
	1000.7	1011.0	21.1	29.7	12.6	13.1	3.6	1.8
Panjgur	902.7	1494.9	20.9	28.2	13.5	10.5	33.0	3.0
	904.1	1503.3	17.9	25.0	10.9	5.3	17.7	1.4
Khuzdar	877.3	1502.8	20.9	26.8	14.9	7.2	101.0	4.0
	875.6	1482.0	16.9	23.5	10.4	3.6	26.0	1.7
Sh. Benazirabad	1006.3	1009.6	26.7	35.9	17.5	17.3	12.0	3.0
	1007.6	1011.4	23.5	33.0	13.9	15.3	2.4	0.1
Jiwani	1004.9	1011.4	24.1	29.7	18.5	21.3	13.8	2.0
	1005.9	1012.4	23.2	28.2	18.3	18.6	15.4	0.9
Pasni	1010.5	1011.1	24.4	30.9	17.8	23.7	86.0	4.0
	1011.1	1012.6	22.7	29.8	16.6	16.5	21.0	0.8
Hyderabad	1004.6	1009.5	27.5	35.1	19.9	16.2	0.1	0.0
	1007.0	1011.0	25.9	33.4	18.5	13.4	2.5	0.3
Chhor	1008.8	1009.5	27.5	35.8	19.2	19.1	7.0	2.0
	1009.7	1010.3	24.4	34.6	14.2	13.5	0.8	0.2
Karachi	1008.0	1010.7	27.3	32.9	21.7	20.7	22.4	3.0
	1009.2	1011.9	24.7	31.7	17.7	17.0	6.6	0.8

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

Table 7: March 2026 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	15.0	27	7.8	19	24.0	27	2.6	16	17.0	30	8.0	07
Peshawar	24.6	08	14.8	18	34.2	08	9.0	16	39.2	30	6.0	09
Parachinar	18.5	05*	6.8	18	27.0	06	4.0	19*	34.0	18	---	-
Rawalpindi	24.8	06	15.5	18	32.5	05*	10.5	21	32.0	31	26.0	25
Sargodha	27.2	11	17.8	18	36.3	05	13.2	16	13.1	29	6.0	15*
Jhelum	26.2	09	15.4	18	36.3	05	10.8	02	33.4	31	8.0	11*
Sialkot	25.1	08*	15.5	19	32.5	09	10.8	16*	17.0	16*	4.0	12*
Zhob	22.5	05*	11.3	18	31.0	05	7.0	18	24.0	30	10.0	15
D.I.Khan	26.8	05*	17.8	18	36.0	05	13.5	17*	13.0	30	8.0	25
Lahore	26.7	11	17.9	16	34.6	06	12.0	16	25.8	29	12.0	16
Quetta	20.3	09	12.5	16	27.0	05	5.5	16	13.0	19	27.0	25
Multan	27.4	05	20.0	21	36.2	05	15.1	27	4.3	27	16.0	15*
Barkhan	25.0	07	14.0	21	32.0	05*	10.0	20	25.0	27	8.0	15*
Nokkundi	27.0	28	16.8	12	34.0	03	9.5	12	0.0	00	10.0	10*
Dalbandin	25.8	04*	16.8	12	34.0	03	11.0	12	0.0	00	14.0	24
Jacobabad	28.3	08	21.5	19	36.5	08	15.5	20	4.0	22	4.0	8*
Khanpur	28.0	28	22.1	18	37.7	28	15.3	20	0.0	00	16.0	21
Panjgur	24.3	07*	15.3	12	33.5	07	8.0	12	27.0	19	22.0	27
Khuzdar	25.3	07*	15.5	19	32.5	07	11.0	30	38.5	22	8.0	15*
Sh.Benazirabad	30.8	28	19.8	19	40.5	10	12.0	05	10.0	19	16.0	29
Jiwani	27.0	15	21.8	01	34.5	15	15.5	01	12.0	28	16.0	29
Pasni	28.3	15	21.3	31	36.5	14*	15.0	1*	36.0	26	14.0	5*
Hyderabad	29.3	14*	21.0	19	38.8	10	16.1	05	0.1	20	30.0	28
Chhor	30.0	28	21.0	19	39.5	11	15.0	09	6.0	19	12.0	28*
Karachi	31.2	16	21.9	19	38.6	15	17.5	04	10.8	21	14.0	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 averages for rainfall and temperature are used from the period 1991-2020 (30 years). The records mentioned for area-weighted rainfall and area average temperatures have been examined for the past 66 years i.e. from 1961-2026.

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