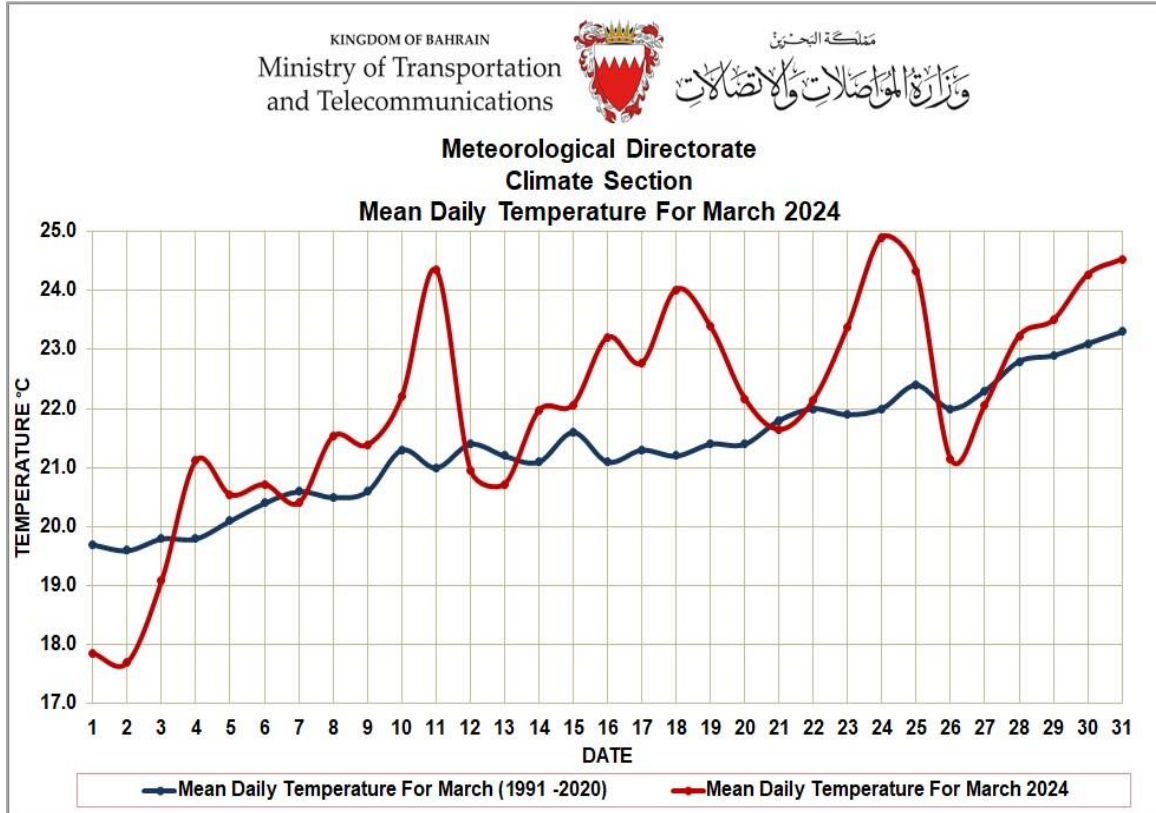




**Meteorological Directorate
Climate Section**

Monthly Weather Summary –March 2024

March 2024 was slightly warmer than normal in temperatures and below average precipitation.



The mean temperature of the month was 22.0°C which is 0.7°C above the long-term normal for March. Note that the highest mean monthly temperature for March was 24.6°C recorded in 2018.

The mean maximum temperature of the month was 25.5°C which is the same as the long-term normal. Note that the highest mean monthly maximum temperature for March was 29.6°C recorded in 2018.



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The highest temperature recorded during the month was 30.7°C which occurred on the 11th and 24th March at Bahrain International Airport. Note that the highest temperature recorded for March at Bahrain International Airport was 40.0°C which occurred on 18th March 2021.

The highest temperature recorded in the month at the University of Bahrain was 31.6°C which was recorded on the 11th March and at the Durrat Al Bahrain was 31.5°C which was recorded on the 24th March.

The mean minimum temperature of the month was 19.4°C which is 1.3°C above the long-term normal and this goes on record as the seventh highest mean minimum temperature for March since 1946. Note that the highest mean monthly minimum temperature for March was 20.7°C recorded in 2018.

The lowest temperature recorded was 15.7°C on the 3rd March at Bahrain International Airport but was recorded 11.6°C on the 1st March at the University of Bahrain.

Note that the lowest temperature recorded at Bahrain International Airport for March was 7.8°C which occurred on 1st March 1959.

The mean relative humidity for March was 60% whereas the mean maximum relative humidity was 76% and the mean minimum relative humidity was 39%. The maximum relative humidity was 89% recorded on the 15th March, and the minimum relative humidity was 19% recorded on the 30th March.



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A total of 9.1 mm of precipitation was reported in March at Bahrain International Airport. Trace amounts of Precipitation were recorded on the 7th, 14th, 16th, 18th and 21st March. Note that the long-term mean total precipitation for March is 14.7 mm, the highest monthly rainfall recorded during March at Bahrain International Airport was 139.2 mm which occurred in 1995 and the highest daily rainfall recorded during March at Bahrain International Airport was 67.9 mm which occurred on the 12th March 1995.

The total monthly precipitation recorded for March 2024 at the University of Bahrain was 15.2 mm whereas the total precipitation at Bahrain International Circuit was 13.2 mm, at Sitra Island was 13.2 mm, at the King Fahad Causeway was 12.2 mm, at Horat A'ali was 10.4 mm, at Durrat Al Bahrain was 6.4 mm and at Al Budaiya was 6.2 mm.

