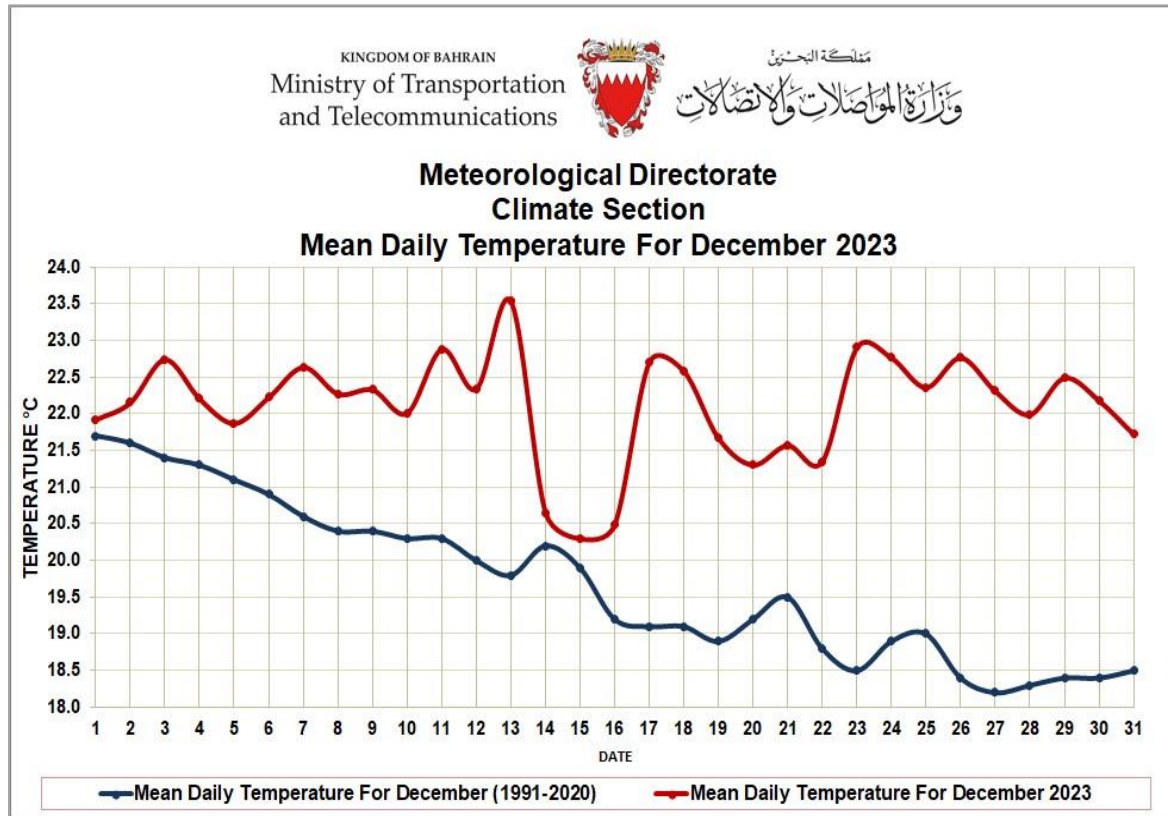




**Meteorological Directorate  
Climate Section**

**Monthly Weather Summary –December 2023**

December 2023 goes on record as the third warmest December ever experienced in Bahrain since 1902.



The mean temperature of the month was 22.1°C which is 2.4°C above the long-term normal for December and this goes on record as the third highest mean temperature for December since 1902. Note that the highest mean monthly temperature for December was 22.5°C recorded in 2001.

The mean maximum temperature of the month was 24.9°C which is 2.0°C above the long-term normal and this goes on record as the third highest mean minimum temperature for December since 1946. This is the same as in December 2005. Note that the highest mean monthly maximum temperature for December was 26.3°C recorded in 2001.



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The highest temperature recorded during the month was 27.0°C which occurred on the 9<sup>th</sup> December at Bahrain International Airport. Note that the highest temperature recorded for December at Bahrain International Airport was 30.6°C which occurred on 15<sup>th</sup> December 2001.

The highest temperature recorded in the month at the Bahrain International Circuit was 29.0°C, at Durrat Al Bahrain was 28.3°C and at the University of Bahrain was 28.0°C which was recorded on the 11<sup>th</sup> December.

The mean minimum temperature of the month was 19.4°C which is 2.6°C above the long-term normal and this goes on record as the second highest mean minimum temperature for December since 1946. This is the same as in December 2022. Note that the highest mean monthly minimum temperature for December was 19.6°C recorded in 2001.

The lowest temperature recorded was 16.7°C on the 20<sup>th</sup> December at Bahrain International Airport but was recorded 13.8°C on the 9<sup>th</sup> December at Durrat Al Bahrain.

Note that the lowest temperature recorded at Bahrain International Airport for December was 6.4°C which occurred on 25<sup>th</sup> December 1967.

The mean relative humidity for December was 68% whereas the mean maximum relative humidity was 83% and the mean minimum relative humidity was 51%. The maximum relative humidity was 93% recorded on the 9<sup>th</sup> December, 10<sup>th</sup> and 26<sup>th</sup> December, and the minimum relative humidity was 20% recorded on the 13<sup>th</sup> December.



### Meteorological Directorate Climate Section

A total of 0.9 mm of precipitation was reported in December 2023 at Bahrain International Airport. Trace amounts of Precipitation were recorded on the 24<sup>th</sup> December. Note that the long-term mean total precipitation for December is 15.2 mm, the highest monthly rainfall recorded during December at Bahrain International Airport was 119.6 mm which occurred in 2006 and the highest daily rainfall recorded during December at Bahrain International Airport was 41.6 mm which occurred on the 10<sup>th</sup> December 1974.

The total monthly precipitation recorded for December 2023 at Durrat Al Bahrain the 2.2 mm whereas the total precipitation at King Fahad Causeway was 1.2 mm, at Bahrain International Circuit was 1.2 mm, at the University of Bahrain was 1.2 mm, at Horat A'ali was 0.8 mm, at Sitra Island was 0.6 mm and at Al Budaiya was 0.2 mm.

