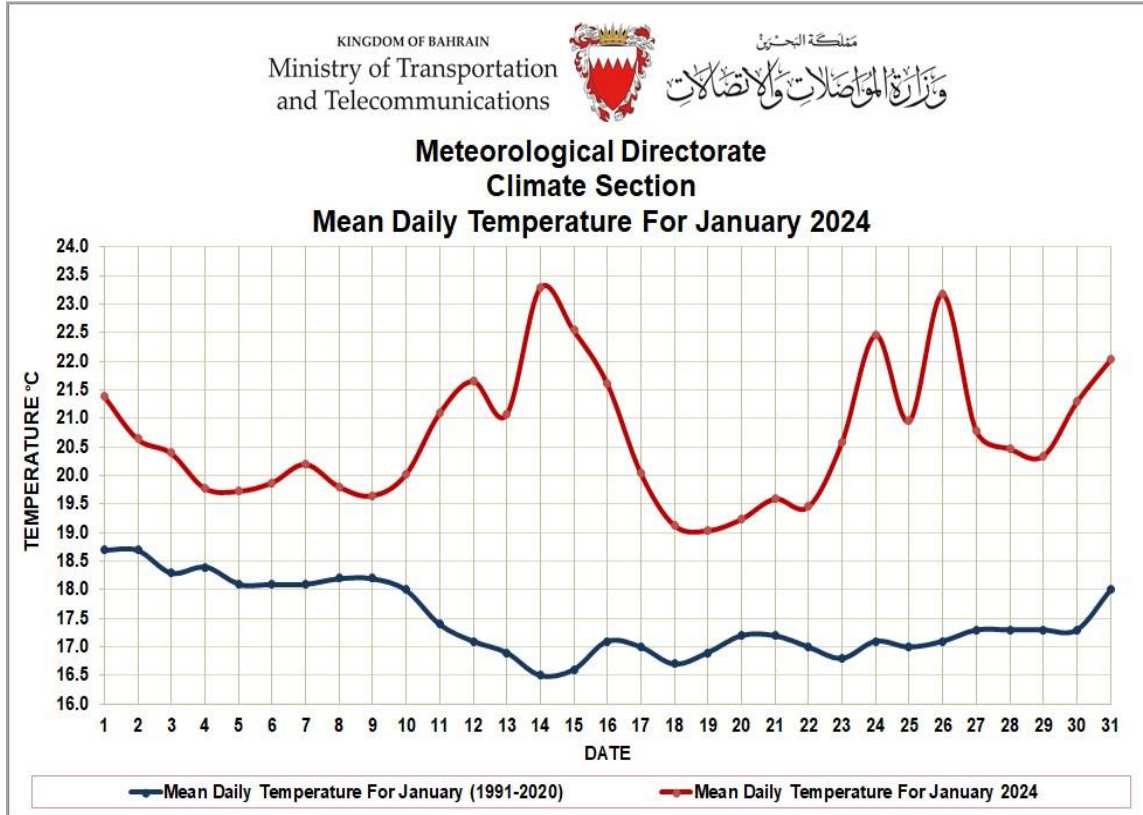




**Meteorological Directorate
Climate Section**

Monthly Weather Summary –January 2024

January 2024 goes on record as the warmest January ever experienced in Bahrain since 1902.



The mean temperature of the month was 20.7°C which is 3.2°C above the long-term normal for January and this goes on record as the highest mean temperature for January since 1902. The old record for January was 19.7°C recorded in 2019.

The mean maximum temperature of the month was 23.6°C which is 2.9°C above the long-term normal and this goes on record as the highest mean maximum temperature for January since 1946. The old record for January was 23.1°C recorded in 2004.



Meteorological Directorate Climate Section

The highest temperature recorded during the month was 27.8°C which occurred on the 15th January at Bahrain International Airport. Note that the highest temperature recorded for January at Bahrain International Airport was 31.7°C which occurred on 23rd January 1953.

The highest temperature recorded in the month at the Bahrain International Circuit was 30.7°C and at the University of Bahrain was 30.3°C which were recorded on the 15th January.

The mean minimum temperature of the month was 18.2°C which is 3.7°C above the long-term normal and this goes on record as the highest mean minimum temperature for January since 1946. The old record for January was 17.2°C recorded in 2019.

The lowest temperature recorded was 14.9°C on the 23rd January at Bahrain International Airport but was recorded 10.3°C on the same night at the University of Bahrain.

Note that the lowest temperature ever recorded in the Kingdom of Bahrain was on 20th January 1964, which was 2.7°C at Bahrain International Airport.

The mean relative humidity for January was 64% whereas the mean maximum relative humidity was 79% and the mean minimum relative humidity was 46%. The maximum relative humidity was 93% recorded on the 23rd and 25th January, and the minimum relative humidity was 21% recorded on the 24th January.



Meteorological Directorate Climate Section

A total of 0.1 mm of precipitation was reported in January at Bahrain International Airport. Trace amounts of Precipitation were recorded on the 1st, 18th and 31^s January. Note that the long-term mean total precipitation for January is 18.1 mm, the highest monthly rainfall recorded during January at Bahrain International Airport was 135.9 mm which occurred in 1959 and the highest daily rainfall recorded during January at Bahrain International Airport was 49.1 mm which occurred on the 22nd January 1959.

The total monthly precipitation recorded for January 2024 at Sitra Island was 1.0 mm and at the University of Bahrain was 0.2 mm which were recorded on the 18th January.