

Temperature Statement for Antigua - January 2016



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...Above normal number of warm nights...

Statement

January finished with an above normal number of **warm nights** – five, at the V. C. Bird International Airport (VCBIA). Relative to the month, the one cold day was near normal. No cold night or warm day was observed. Additionally, the mean daily minimum temperature, an indicator (proxy) of night-time temperature, was above normal, tying with January 1986 for the ninth highest in a series dating back to 1969. Overall, the mean temperature for the month was near normal - 25.4 °C (77.7 °F). Also, the mean maximum temperature was near normal but the highest since 2010. At the VCBIA, the coolest day (24 hours ending 8 am) was January 29 with 23.7 °C (74.7 °F) and the warmest day was January 1 with 26.3 °C (79.3 °F). For the “season” November to January, the temperature was higher than normal and tied with 2009, 2002, 2000 and 1987 for the sixth highest in a series going back to 1971. Meanwhile, the year ending January, was near normal (Table 1).

Based on our latest analyses, higher than usual temperature is forecast for the next **six months**.

Period	Temperature (°C)			Description (1981 – 2010)	Temperature (°C) Record (1971 – 2016)			
	Actual	Normal (1981 – 2010)	Anomaly (1981 – 2010)		Max	Year	Min	Year
Previous Month(s)								
1(Jan)	25.4	25.4	0.0	Near normal	26.2	2002	23.8	1976
3(Nov-Jan)	26.3	26.0	0.3	Above normal	27.2	1997	24.9	1975
12(Feb-Jan)	26.9	26.9	0.0	Near normal	27.7	1998	26.0	1974

Table 1: Temperature (°C) over the past 12 months. Most periods have had near normal temperature.

Temperature Description

The following definitions are being used based on the 1981 to 2010 temperature dataset:

- **Well below/much cooler than normal/usual:** Temperature values in the lowest 10% of the dataset
- **Below normal/cooler than normal/usual:** Temperature values in the lowest 33.3% of the dataset
- **Near normal/usual:** Temperature values in the middle 33.3% of the dataset
- **Above/warmer than normal/usual:** Temperature values in the highest 33.3% of the dataset
- **Well above/much warmer than normal/usual:** Temperature values in the highest 10% of the dataset
- **Heat Wave:** At least 6 consecutive days with the maximum temperature in the top 10% of the dataset.
- **Cold Wave:** At least 6 consecutive days with the minimum temperature in the lowest 10% of the dataset.

This statement is most valid for the V. C. Bird International Airport and surroundings.

Disclaimer

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Note: The issuing of a formal temperature statement by the Antigua and Barbuda Met Service is not to be taken to mean that there are unprecedented temperature values. Rather, the Met Service in harmony with its mission has seen the need to provide this statement to inform the public regarding the temperature being experienced in Antigua and Barbuda.