



Temperature Statement for Antigua – April 2011

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Below normal temperature for April

The island experienced below normal temperature during April with a mean daily temperature of 25.8°C. This tied with 1990, 1986, 1981, 1977 and 1972 for the 8th coldest April on record. There was no heat or cold waves during the month. The warmest day was April 25 with 27.0°C, and the coldest day was April 12 with 23.8°C. Further, the temperature for February to April (FMA) was below normal with 25.3°C. Based on various models, trends, climatology and subjective input, near normal temperature is mostly likely for May and for MJJ. See table 1 below for the temperature information for the past 3 months.

Period	Temperature (°C)			Description (1971 – 2010)	Temperature (°C) Record (1971 – 2010)			
	Actual	Normal (1981 – 2010)	Anomaly (1981 – 2010)		Max	Year	Min	Year
1(April)	25.8	26.3	- 0.5	Below normal	27.3	'98 '87	25.2	'85 '76
3(Feb – Apr)	25.3	25.7	- 0.4	Below normal	26.7	1998	24.3	1976

Table 1: Temperature (°C) over the past 3 months.

Top 8 Coldest Apriles:

1	25.2°C in 1985	8	<u>25.8°C in 2011</u>
1	25.2°C in 1976	8	25.8°C in 1990
3	25.3°C in 1974	8	25.8°C in 1986
4	25.6°C in 2009	8	25.8°C in 1981
4	25.6°C in 2008	8	25.8°C in 1977
6	25.7°C in 1989	8	25.8°C in 1972
6	25.7°C in 1975		

Temperature Description

The following definitions are being used in the description of Temperature:

- **Well Below normal:** Temperature values in the lowest 10% of the historical data
- **Below Normal:** Temperature values in the lowest 30% of the historical data, but not in the lowest 10%
- **Near Normal:** Temperature values in the middle 40% of the historical data
- **Above Normal:** Temperature values in the highest 30% of the historical data, but not the highest 10%
- **Well Above Normal:** Temperature values in the highest 10% of the historical data
- **Heat Wave:** At least 6 consecutive days with the maximum temperature in the top 10% of the data.
- **Cold Wave:** At least 6 consecutive days with the minimum temperature in the lowest 10% of the data.

This statement is most valid for areas surrounding the V. C. Bird International Airport.

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.