

## Temperature Statement for Antigua – December 2012



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### Near normal temperature for December

The island experienced near normal temperature during December with a mean daily temperature of 26.1°C. However, this was the warmest December since 2009. The warmest day was December 5 with 26.9°C, and the coldest day was December 31 with 24.9°C. There was no heat or cold wave during the month; however, there was one warm day – Dec 19 had maximum temperatures of 29.6°C, which is in the top 10 percentile of the historical data. Meanwhile, the temperature for October to December (OND) was near normal. Based on various models, trends, climatology and subjective input, above normal and near normal temperatures are mostly likely for January and January to March respectively.

Period	Temperature (°C)			Description (1981 – 2010)	Temperature (°C) Record (1971 – 2012)			
	Actual	Normal (1981 – 2010)	Anomaly (1981 – 2010)		Max	Year	Min	Year
Previous Month(s)								
1(Dec)	26.1	25.9	+ 0.2	Near normal	27.3	1997	24.7	1976
3(Oct – Dec)	26.7	26.7	0.0	Near normal	27.9	1997	25.8	1974

Table 1: Mean daily temperature (°C) over the three months.

### Temperature Description

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

- **Well Below normal:** Temperature values in the lowest 10% of the dataset
- **Below Normal:** Temperature values in the lowest 33.3% of the dataset
- **Near Normal:** Temperature values in the middle 33.3% of the dataset
- **Above Normal:** Temperature values in the highest 33.3% of the dataset
- **Well Above Normal:** 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.