



Temperature Statement for Antigua – September 2011

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Below normal temperature for September

The island experienced below normal temperature during September with a mean daily temperature of 27.5°C. This September is the coldest since 2008. There was no heat or cold wave during the month. The warmest day was September 8 with 28.7°C, and the coldest day was September 17 with 25.6°C. Further, this July to September (JAS) is the third coldest such period on record with 27.6°C.

Based on various models, trends, climatology and subjective input, near normal temperature is mostly likely for October and for OND. See the table below for more temperature information.

Period	Temperature (°C)			Description (1981 – 2010)	Temperature (°C) Record (1971 – 2011)			
	Actual	Normal (1981 – 2010)	Anomaly (1981 – 2010)		Max	Year	Min	Year
1(Sep)	27.5	28.3	- 0.8	Below normal	28.8	01,98,97	26.6	1974
3(Jul – Sep)	27.6	28.1	- 0.5	Well below normal	29.1	1998	27.4	1974

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

Top 3 Coldest Jul to Sep

- 1 27.4°C in 1974
- 2 27.5°C in 1971
- 3 27.6°C in 2011

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.