



Temperature Statement for Antigua – September 2012

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Record maximum temperature for September

The island experienced near normal temperature during September with a mean daily temperature of 28.2°C. The warmest day was September 22 with 29.2°C, and the coldest day was September 27 with 26.5°C. There was no heat or cold wave during the month; however, there were nine warm days and one cold day. On September 4, the maximum temperature reached 34.3°C, the highest on record for the month and the second highest on record overall. Further, there were an inordinate number of days (15) with the maximum temperature exceeding 32°C; this is the second highest on record. Thus, while the overall temperature was near normal, many of the days (daytime periods) were very warm. Meanwhile, the temperature for July to September (JAS) was near normal.

Based on various models, trends, climatology and subjective input, near normal temperature is mostly likely for October and October to December.

Period	Temperature (°C)			Description (1981 – 2010)	Temperature (°C) Record (1971 – 2012)			
	Actual	Normal (1981 – 2010)	Anomaly (1981 – 2010)		Max	Year	Min	Year
1(Sep)	28.2	28.1	+ 0.1	Near normal	28.8	01,98,97	26.6	1974
3(Jul – Sep)	28.1	28.2	- 0.1	Near normal	29.1	1998	27.4	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.