

Temperature Statement for Antigua – October 2010

Dale C. S. Destin
Antigua and Barbuda Meteorological Service
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Below normal temperature for October

The island experienced below normal temperature during October; the mean daily temperature was 27.0°C. This is the first below normal value for the year. The temperature was above normal for the first half of the year and near normal from July to September. This temperature tied with 1992 as the fifth lowest on record. Further, the mean daily temperature for the season (period) August to October was also near normal. The mean daily maximum temperature was also near normal. There were no heat waves or cold spells during October.

Based on various models, trends, climatology and subjective input, near normal temperature is mostly likely for the month of November and the season November to January (NDJ). See table 1 for the temperature values for the past 3 months.

Period	Temperature (°C)			Description	Temperature (°C) Record			
	Actual	Standard Normal	Anomaly (1971 – 2000)		Max	Year	Min	Year
1(Oct)	27.0	27.4	- 0.4	Below normal	28.7	1995	26.4	1974
3(Aug – Oct)	27.8	27.9	- 0.1	Near normal	28.7	1997, 1998	26.9	1974

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

Temperature Description

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

- **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 Spell:** 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.