



Temperature Statement for Antigua – June 2011

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Near normal temperature for June

The island experienced near normal temperature during June with a mean daily temperature of 28.0°C. There was no heat or cold waves during the month. However, for June 7, the minimum temperature was in the bottom 10 percentile of the historical record for the given day. The warmest day was June 21 with 28.8°C, and the coldest day was June 7 with 26.2°C. Further, the temperature for April to June (AMJ) was below normal with 26.8°C.

Based on various models, trends, climatology and subjective input, near normal temperature is mostly likely for July and JAS. See table 1 below for the temperature information for the past 3 months.

| Period | Temperature (°C) | | | Description (1981 – 2010) | Temperature (°C) Record (1971 – 2010) | | | |
|-------------------|------------------|-------------------------|--------------------------|------------------------------|---------------------------------------|------|------|------|
| | Actual | Normal (1981 – 2010) | Anomaly (1981 – 2010) | | Max | Year | Min | Year |
| Previous Month(s) | | | | | | | | |
| 1(Jun) | 28.0 | 27.9 | + 0.1 | Near normal | 29.0 | 1998 | 27.1 | 1976 |
| 3(Apr – Jun) | 26.8 | 27.1 | - 0.3 | Below normal | 28.2 | 1998 | 26.2 | 1976 |

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