

## Temperature Statement for Antigua - July 2015



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**...Warmer than normal night-time temperature...**

### Statement

Over all, July was cooler than normal. However, mean minimum (night-time) temperature was above normal. At the V. C. Bird International Airport (VCBIA), the mean night-time of 25.7 °C (78.3 °F) was the highest since 2010 and the 11<sup>th</sup> highest on record. There were no **cold nights**, the first time since 1983 and the third time on record at VCBIA. Although cooler than normal, the mean temperature, 27.9 °C (82.2 °F), was the second highest since 2010. Meanwhile, the mean daily maximum temperature of 30.6 °C (87.1 °F) was also below normal. At VCBIA, the warmest days (24 hours ending 8 am) were July 26, 27, 29 and 31 with 28.3 °C (82.9 °F) and the coolest day was July 21 with 27.0 °C (80.6 °F). The absolute maximum and minimum temperatures were 31.3 °C and 23.3 °C respectively. Year to date, the temperature is near normal; similarly, for the year ending July, it's also near normal (Table 1).

Based on our latest analyses, below normal temperature is forecast for **August** and above normal for **August-October** and **November-January**.

Period	Temperature (°C)			Description (1981 – 2010)	Temperature (°C) Record (1971 – 2015)			
	Actual	Normal (1981 – 2010)	Anomaly (1981 – 2010)		Max	Year	Min	Year
1(Jul)	27.9	28.2	- 0.3	Below normal	29.3	1998	27.4	2004
3(May-Jul)	27.6	27.7	- 0.1	Near normal	28.9	1998	27.0	'76, '71
12(Aug-Jul)	26.8	26.9	- 0.1	Near normal	27.8	1997	25.9	1975

Table 1: Temperature (°C) over the past 12 months.

### Temperature Description

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

- **Well Below normal (much cooler than normal):** Temperature values in the lowest 10% of the dataset
- **Below Normal (cooler than normal):** Temperature values in the lowest 33.3% of the dataset
- **Near Normal (usual):** Temperature values in the middle 33.3% of the dataset
- **Above Normal (warmer than normal):** Temperature values in the highest 33.3% of the dataset
- **Well Above Normal (much warmer than 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.