

EXPERIMENTAL MONTHLY OUTLOOK FOR ANTIGUA - AUGUST 2015



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...Lower than normal rainfall and warmer than normal night-time temperature...

Based upon model data, observations and subjective inputs, the following are being forecast for August for Antigua with respect to rainfall and temperature:

Rainfall

Lower than normal **rainfall** is most likely with a confidence of 65%. There is also a high chance of severely dry conditions. The chance of wetter than normal weather is only 10%. Mostly likely, the island average rainfall will be less than **76.2 mm** (3.0 inches). Probabilistically, there is a

- 10% chance of above normal rainfall;
- 25% chance of near normal rainfall (76.2 to 111.8 mm or 3.0 to 4.4 inches) and
- **65% chance of below normal rainfall.**

Additionally, **wet days** (days with at least 1 mm or 0.04 in) and **heavy rainfall days** (days with at least 10 mm or 0.40 in) are likely to be fewer than normal. At and in the vicinity of the V. C. Bird International Airport (VCBIA), the number of **wet days** is expected to be around 8 with a 70% chance of being in the range 6 to 10 – which is well below the 1981-2010 average of 12.7. Further, the number of **heavy rainfall days** is expected to be around zero with a 70% chance of being in the range 0 to 2 – which is below the 1981-2010 average of 2.6. During moderate or strong El Nino, which is currently the case, the average **wet day** rainfall total for August is 5.3 mm (0.21 in) – which is less than the 1981-2010 average of 7.2 mm (0.28 in).

Temperature

Lower than normal **mean temperature** is most likely with a confidence of 55%. The chance of warmer than normal weather is only 15%. Mostly likely, the mean temperature will be lower than **28.1 °C** (82.6 °F). Probabilistically, there is a

- 15% chance of above normal temperature;
- 30% chance of near normal temperature (28.1 to 28.4 °C or 82.6 to 83.1 °F) and
- **55% chance of below normal temperature.**

In addition, daytime highs and night-time lows are most likely to be lower and higher than normal respectively. At and in the vicinity of the VCBIA, the **mean minimum temperature** is likely to be higher than **25.7 °C** (78.3 °F) with a confidence of 80% as compared to the 1981-2010 normal of 25.2 to 25.7 °C (77.4 to 78.3 °F). This means that night-time is expected to be **uncomfortably warmer than usual**. Meanwhile, the **mean maximum temperature** is likely to be lower than **31.1 °C** (88.0 °F) with a confidence of 75% as compared to the 1981-2010 normal of 31.1 to 31.3 °C (88.0 to 88.3 °F).

Related Products

More outlooks: [August-October](#), [November 2015-January 2016](#), [August 2015-January 2016](#), [Drought](#)
Recently observed: [Rainfall](#), [Temperature](#)

Definition

The following definitions are being observed based on the 1981 to 2010 (baseline) dataset:

- **Below normal** (less or lower than normal/usual): Values in the lowest 33.3% of the dataset
- **Near normal** (normal or usual): Values in the middle 33.3% of the dataset
- **Above normal** (more or higher than normal/usual): Values in the highest 33.3% of the dataset

The outlooks for September 2015-February 2016 will be issued by September 1.

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