



Wind Statement for Antigua – January 2012

Dale C. S. Destin

Antigua and Barbuda Meteorological Service Climate Section

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Near normal wind for January

The island experienced near normal wind speed for January with the mean daily wind speed of 11.4 knots. The windiest day was January 13 with 15.8 knots, and the calmest day was January 19 with 7.1 knots. Meanwhile, the wind for November to January (NDJ) was well below normal and the second lowest on record. See below for more.

Based on various models, trends, climatology and subjective input, near normal wind speed is mostly likely for January and for JFM.

Period	Wind (Knots)			Description	Wind (Knots) Record (1970 – 2011)			
	Actual	Normal (1981 – 2010)	Anomaly (1981 – 2010)		Max	Year	Min	Year
1(Jan)	11.4	12.1	- 0.7	Near normal	17.5	1993	8.3	2010
3(Nov – Jan)	9.0	11.1	- 2.1	Well below normal	14.5	1993	8.1	2009

Table 1: Wind (knots) over the past 3 months.

Wind Description

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

- **Well Below normal:** Wind values in the lowest 10% of the dataset
- **Below Normal:** Wind values in the lowest 33.3% of the dataset
- **Near Normal:** Wind values in the middle 33.3% of the dataset
- **Above Normal:** Wind values in the highest 33.3% of the dataset
- **Well Above Normal:** Wind values in the highest 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 wind statement by the Antigua and Barbuda Met Service is not to be taken to mean that there are unprecedented wind values. Rather, the Met Service in harmony with its mission has seen the need to provide this statement to inform the public regarding the wind being experienced in Antigua and Barbuda.