



# MONTHLY WEATHER BULLETIN



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## ANNOUNCEMENTS...

CAMI regional and national products can be viewed at [www.cimh.edu.bb/cami...](http://www.cimh.edu.bb/cami...) E-discussion of issues related to weather and climate influences on agriculture in the Caribbean is ongoing at <http://mail2.cimh.edu.bb/camionlineforum/...> According to the National Oceanic and Atmospheric Authority (NOAA) [www.noaa.gov](http://www.noaa.gov); Atlantic Hurricane Season-2012 produced 19 storms, including 10 hurricanes and one major hurricane... Climatologically, records show that the period December to May is our dry season... USE WATER WISELY!!!

## Weather Summary-November 2012

Total rainfall for November 2012, at E.T. Joshua Airport-Arnos Vale was 173.8 mm (7 inches); about 4 inches less than the November 30 year average. (Using 1981-2010 as the 30 year average) There were only four days with rainfall totals near to or more than 25.44mm (1 inch). There was a five-day dry spell from the 19<sup>th</sup> to the 23<sup>rd</sup> (See figure 1). Average wind speeds increased slightly during the last week, and there was a general decrease in relative humidity.

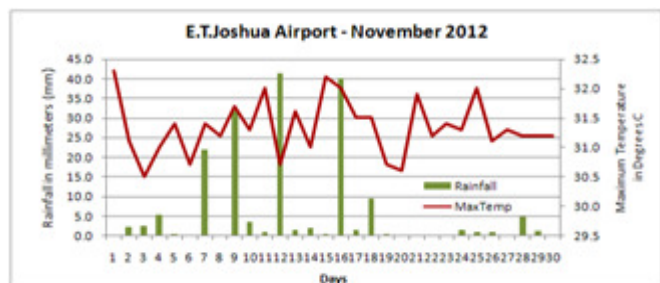


Figure 1. E.T. Joshua Airport rainfall and temperature distribution

The extreme maximum temperature recorded for was 0.8°C higher than average while the extreme minimum temperature was 0.5°C higher than average. The mean relative humidity was 1.1% below average. (See Table 1)

Table 1. E.T. Joshua Airport Temperatures and Relative Humidity

Nov. 2012	Average Temperature	Extreme Temperature	Extreme Humidity
Max.	31.3°C	32.3 °C	95%
Min.	25.3°C	23.0 °C	57 %

## December History

The '30-year averages'; rainfall 173mm with 18 rain-days, mean R.H is 75%, max. temperature is 30.9°C while min. temperature is 21.3°C. Brisk surface winds, lower R.H and less rainfall sets in; careful monitoring of water resources and soil water availability should be in place for upcoming months.

## Rainfall Outlook

There are increasing chances of normal to below normal rainfall towards the southernmost islands.

## Temperature Outlook

2m Air Temperature.... above normal  
Sea Surface Temperature...normal to above normal

A combination of neutral to borderline El Niño conditions combined with above normal tropical and sub-tropical North Atlantic SSTs exist. Models predict El Niño disappearance by early 2013.

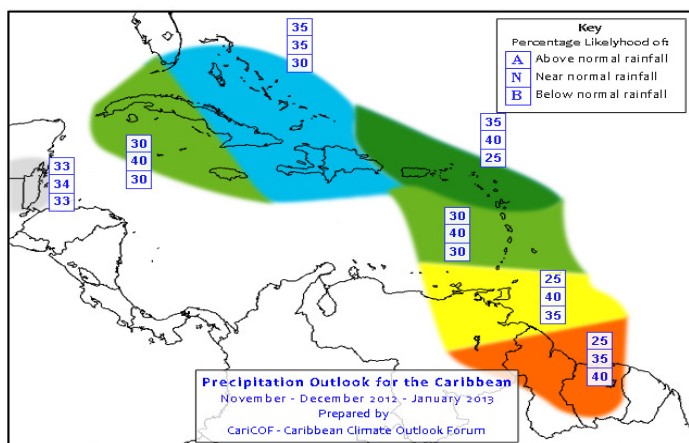


Figure 2. Precipitation Outlook November-December-January 2013

- Bahamas, Eastern Cuba, Hispaniola... normal to above normal
- Leeward Islands... normal to above normal
- Western Cuba, Jamaica and Windward Islands... normal
- Trinidad, Guyana and Suriname (with a north to south trend)... normal to below normal (See figure 2)

## Moon Phases

New Moon	First Quarter	Full Moon	Last Quarter
December 13	December 20	December 28	December 6
January 11	January 18	January 26	January 4