



# MONTHLY WEATHER BULLETIN



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## ANNOUNCEMENTS...

CAMI interim report, regional and national products can be viewed at CAMI website [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/> ... Visit the National Hurricane Center at [www.nhc.noaa.gov](http://www.nhc.noaa.gov) for official weather information... The Atlantic Hurricane Season from June 1 to November 30 peaks between mid- August to late October....Be prepared!!!

## Weather Summary- August 2012

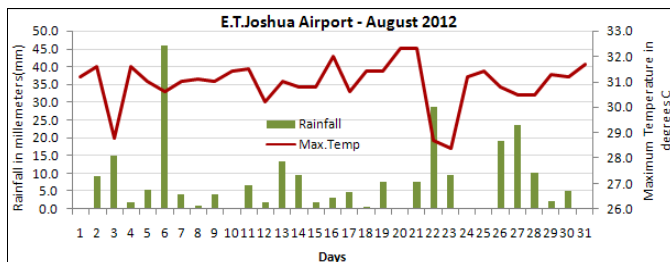


Figure 1. E.T. Joshua Airport rainfall and temperature distribution

Total rainfall recorded at E.T. Joshua Airport-Arnos Vale for August 2012 was 242.2mm (9.54 inches); 5.2 mm more than the long-term average of 237.0mm for August. The highest daily rainfall recorded was 45.9mm on the 6<sup>th</sup> (1.8 inches; See figure 1). There were 8 days with rainfall less than 1.0mm. On 3<sup>rd</sup> August tropical storm Ernesto passed North of St. Vincent and the Grenadines and on 22<sup>nd</sup> August, tropical storm Isaac passed North-North East of the islands, both produced cloudy skies, thunderstorms, occasional gusty winds and periods of continuous light showers which contributed to significant amounts of rainfall. (14.9mm and 28.7mm respectively). Maximum and Minimum temperatures recorded for August were higher than the 30-year averages by 0.4°C and 0.6°C respectively; (See Table 1).

Table 1. Temperatures and Relative Humidity for August 2012

	Average Temperature	Extreme Temp.	Humidity
Max	30.9 °C	32.3°C	92%
Min	25.3 °C	23.5°C	59%

(Using 1981-2010 as a thirty year average.).

## September History

Average rainfall for September is 243.9mm with 18 rain-days. The 30-year average maximum temperature is 32.3°C, and average minimum temperature is 23.0°C. An average of 3 storms per year, with 2 major hurricanes on average is seen by 28<sup>th</sup> September (though these might not necessarily make land fall.)

**Rainfall Outlook** - Eastern half of the Caribbean can expect below normal rainfall during the late rainy season, i.e. September to November.

**Temperature Outlook** - September to November 2m Air Temperature....up to 0.5°C above normal  
Sea Surface Temperature....normal to above normal

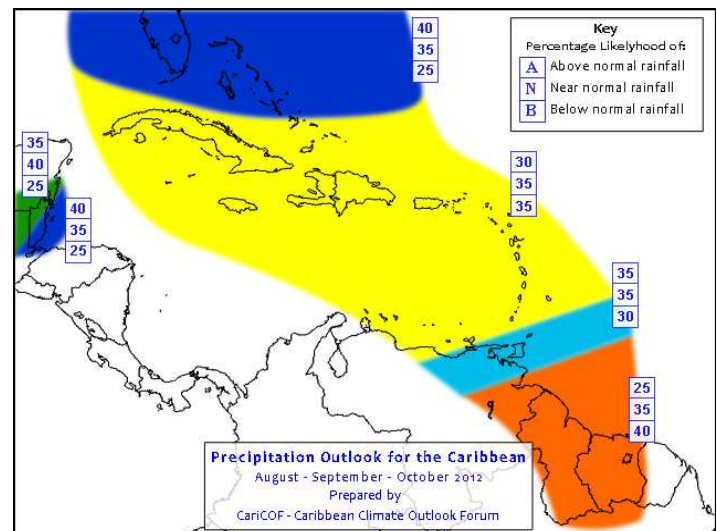


Figure 2. Precipitation Outlook August-September-October 2012

- Extreme northern Caribbean, Southern and Coastal areas of Belize...above normal
- Trinidad and Tobago... and the Gulf of Paria ....normal to above normal
- Western Caribbean and Northern, Western and Central Belize... normal
- Cuba, Jamaica and Hispaniola...Eastern Caribbean... normal to below normal
- Republic of Guyana and Suriname... below normal (See figure 2)

## Moon Phases

<b>New Moon</b>	<b>First Quarter</b>	<b>Full Moon</b>	<b>Last Quarter</b>
September 15	September 22	September 29	September 8
October 15	October 21	October 29	October 8

This bulletin was prepared by the E.T. Joshua Airport- Aeronautical Meteorological staff, with support from the CAMI Project. We welcome feedback, suggestions, and comments.

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