



# 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/>...

Caribbean Catastrophe Risk Insurance Facility held online training for Disaster Managers and Meteorological personnel in Real Time Forecast Systems on July 11th and 12th 2012....Visit the National Hurricane Center at [www.nhc.noaa.gov](http://www.nhc.noaa.gov) for any weather information... The Atlantic Hurricane Season from June 1 to November 30 peaks between mid-August to late October....**Be prepared!!!**

## Weather Summary- July 2012

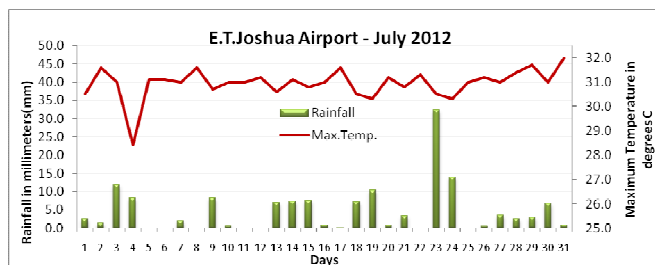


Figure 1. E.T. Joshua Airport rainfall and temperature distribution

Total rainfall recorded for July 2012, at E.T. Joshua Airport-Arnos Vale was 143.0mm (5.62 inches). This was less than the July average of 229.8mm. Tropical waves alternated with layers of Saharan dust during the month of July. The highest daily rainfall was 32.4mm on the 23<sup>rd</sup> (See figure 1). Although total rainfall was less than average, there were no significant dry spells. Maximum temperature and minimum temperature recorded for July were both 0.5°C higher than the 30-year averages (See Table 1).

Table 1. Temperatures and Relative Humidity for July 2012

	Average Temperature	Temperature	Humidity
Max.	31.0 °C	32.0 °C	92%
Min.	25.5 °C	23.5 °C	62 %

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

## August History

Average rainfall for August is 237mm with 20 rain-days. The 30-year average maximum temperature is 31.9°C, and average minimum temperature is 22.9°C. During August, storms are likely to form in the mid-Atlantic Ocean, or very close on the eastern side of the island chain, and move towards our islands. Mid-August starts the 'peak of the season'.

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

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

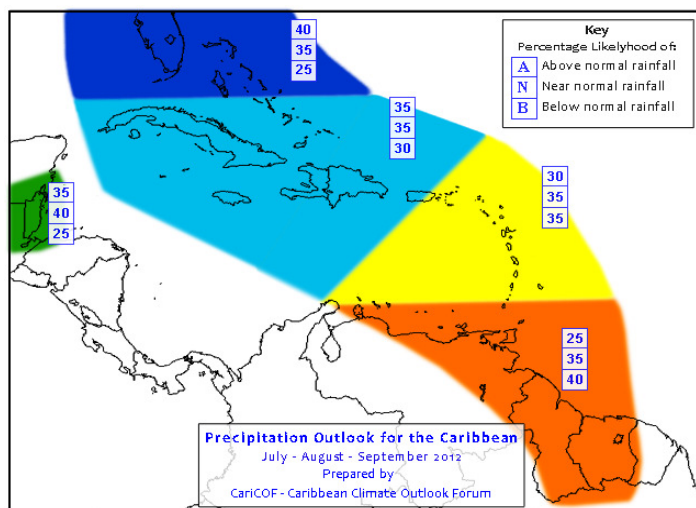


Figure 2. Precipitation Outlook June-July-August 2012

- Extreme northern Caribbean...above normal
- Cuba, Jamaica and Hispaniola... normal to above normal
- Western Caribbean... normal
- Eastern Caribbean... normal to below normal
- Trinidad and Tobago, Guyana and Suriname... below normal (See figure 2)

## Moon Phases

New Moon	First Quarter	Full Moon	Last Quarter
August 17	August 24	August 31	August 9
September 15	September 22	September 29	September 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.

Correspondences should be directed to: Director of Airports, E.T. Joshua Airport, Arnos Vale, St. Vincent.

E-mail address: [airportsdep@gmail.com](mailto:airportsdep@gmail.com) or [svgmet@gmail.com](mailto:svgmet@gmail.com)

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