



MONTHLY WEATHER BULLETIN



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ANNOUNCEMENTS...

Local meteorologists, farmers and agricultural extension officers to form tripartite committee soon.... E-discussion of issues related to weather and climate influences on agriculture in the Caribbean is ongoing at <http://mail2.cimh.edu.bb/camionlineforum/>.... Results from a Caribbean Climate Change Indices workshop to be published soon.... **June to November is our rainy-season/ Hurricane Season for the Atlantic and Caribbean Basin...Be prepared!!!**

Weather Summary- June 2012

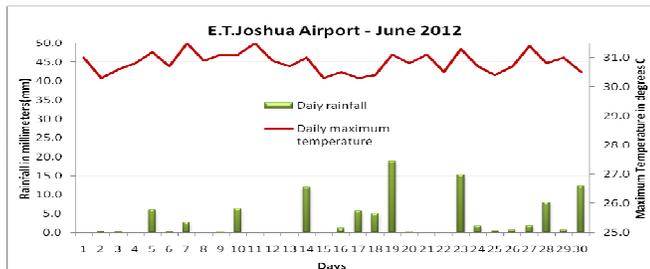


Figure 1. E.T. Joshua Airport rainfall and temperature distribution

Total rainfall recorded for June 2012, at E.T. Joshua Airport-Arnos Vale was 99.0mm (3.89 inches). This was less than half the June average of 202.6mm; this decrease was anticipated since the March rainfall outlook. The highest daily rainfall was recorded on the 19th (See figure 1). High pressure ridges dominated during the month of June. However, there were a few days with light/moderate thunderstorm activity as tropical waves affected the islands. Occasionally, Saharan dust haze reduced visibility. Halo phenomena due to cirrostratus clouds were visible on some days. Maximum temperature was the same as the 30-year maximum temperature average (See Table 1); while minimum temperature was 0.5°C higher than the 30-year minimum average.

Table 1. Temperatures and Relative Humidity for June 2012

	Average Temperature	Temperature	Humidity
Max.	30.8 °C	31.5 °C	92%
Min.	25.5 °C	23.5 °C	61 %

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

July History

Average rainfall for July is 229.8mm with 21 rain-days, a slight increase from the June averages. July 30-year average maximum temperature is 31.5°C, and average minimum temperature is 23°C.

2012 Hurricane season

Alberto, Beryl, Chris, and Debby were no threat to St. Vincent and the Grenadines.

Temperature Outlook

An increase in air temperatures of about 0.5 °C is expected. This may have negative implications, such as flower abscission. (Abscission process-a plant drops one or more of its parts).

Rainfall Outlook

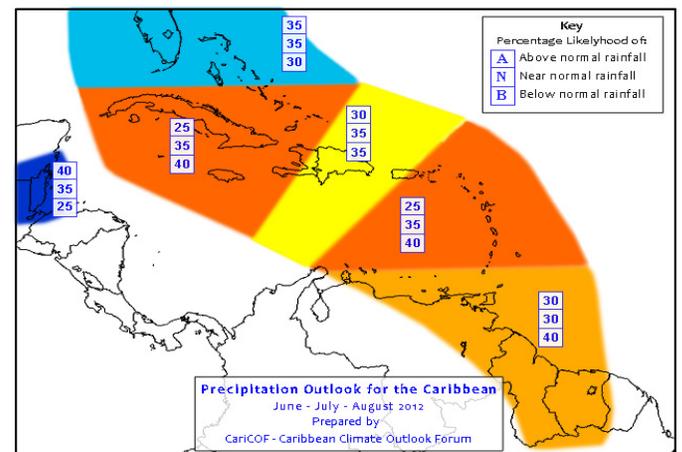


Figure 2. Precipitation Outlook June-July-August 2012

- Extreme northern and western Caribbean ■ normal to above normal
- Most of the Caribbean ■ below normal (See figure 2)
- Eastern Hispaniola and western Puerto Rico ■ normal to below normal
- Trinidad and Tobago, Guyana and Suriname ■ normal or below normal

Moon Phases

New Moon	First Quarter	Full Moon	Last Quarter
July 19	July 26	July 3	July 10
August 17	August 24	August 31	August 9

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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