



# MONTHLY WEATHER BULLETIN



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## ANNOUNCEMENTS....

The transition season (from dry to wet) for the region has been identified as March-April-May. The Caribbean Agro-Meteorological Initiative (CAMI) plans to conduct e-discussions to embrace the suite of issues related to weather and climate influences on agriculture in the Caribbean.... A second round of farmers' forum is being planned to focus on products from crop simulation models..... The formation of tripartite (meteorologists, farmers and extension officers) committees to sustain activities at the national level is being pursued.

## Weather Summary- March 2012

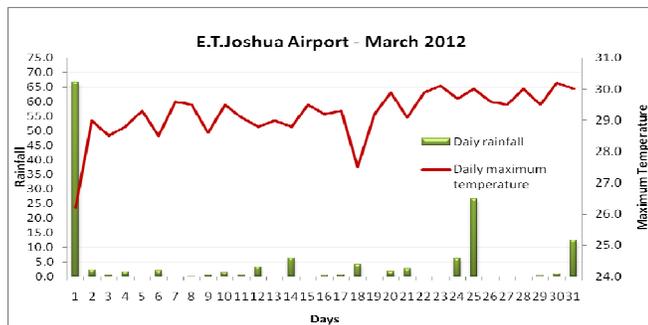


Figure 1. E.T. Joshua Airport March 2012 rainfall distribution

Total rainfall for March 2012 at E.T. Joshua Airport-Arnos Vale, was 140.3 millimeters (mm) or 5.52 inches. This was more than the March average of 86mm. There were thirteen days with rainfall more than 1mm, and eighteen days with rainfall less than 1mm. The longest dry spell/period of consecutive days with rainfall less than 1mm was from 26th to 30th, five days (See figure 1). The first day of the month had the most rainfall (66.7mm or 2.62inches). Maximum and minimum temperatures were within close range of the averages (See Table 1). The appearance of the Halo phenomena around the sun was due to the presence of cirrostratus clouds. Hazy conditions were experienced due to Sahara dust layer reducing visibility.

Table 1. Temperatures and Relative Humidity for March 2012

	Average Temperature	Temperature	Humidity
Max.	29.2 °C	30.2 °C	92%
Min.	23.7 °C	21.0 °C	61 %

## April History

April normally gets an average of 97mm of rainfall with 14 rain-days. The average maximum temperature is 31°C, and the average minimum temperature is 22°C.

## Temperature Outlook

- Expect near normal air temperatures and Sea Surface Temperatures (SST) for the period March to May 2012.

## Rainfall Outlook

The eastern Caribbean may be moving toward a period of normal to below normal rainfall.

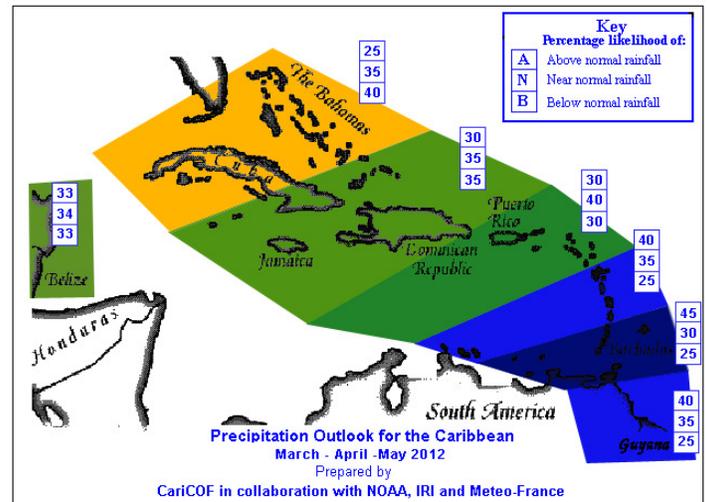


Figure 2. Precipitation Outlook March-April-May 2012

- South-eastern Caribbean...above normal rainfall. (See figure 2).
- Northern portion of the eastern chain and Puerto Rico.... normal rainfall.
- Northwest Caribbean around northern Cuba and the Bahamas... below normal rainfall.

## Moon Phases

New Moon	First Quarter	Full Moon	Last Quarter
April 21	April 29	April 6	April 13
May 20	March 28	March 5	March 12

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 on this bulletin.

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