



MONTHLY WEATHER BULLETIN



Volume 10

Issue 2

October 2012

ANNOUNCEMENTS...

The CAMI project ends with a conference planned for November 5 to 7 in Jamaica; stakeholders will discuss the way forward... CAMI interim reports, regional and national products can be viewed at 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/>... Read about the powerful cyclone 'Sandy of 2012'... Visit the National Hurricane Center at www.nhc.noaa.gov... The Atlantic Hurricane season officially ends on November 30.

Weather Summary-October 2012

Total rainfall for October 2012, at E.T. Joshua Airport-Arnos Vale was 252.8mm (9.94 inches); about 1 inch less than the October 30 year average. (Using 1981-2010 as the 30 year average) On the 12th a strong tropical wave was upgraded to Tropical Storm Rafael to the west of the island chain. Torrential rains associated with this system triggered some landslides in the north of mainland St. Vincent on the evening of the 14th. Then unstable conditions from a trough system which was eventually named 'Sandy'; resulted in 60.4mm of rainfall on the 18th, (See figure 1) causing some localized flooding.



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

The extreme maximum temperature recorded for October was 0.9°C higher than average while the extreme minimum temperature was 2.0°C lower than average. The mean relative humidity was 2.5% below average. (See Table 1)

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

Oct. 2012	Average Temperature	Extreme Temperature	Extreme Humidity
Max.	31.2 °C	33.0 °C	96%
Min.	25.2 °C	21.0 °C	55 %

November History

The '30-year averages'; rainfall 277.6mm with 20 rain-days, mean R.H is 78%, max. temperature is 31.5°C while min. temperature is 22.6°C. Storms may track from either the east or the west of SVG.

Rainfall Outlook

The south-eastern half of the Caribbean will generally have below normal rainfall.

Temperature Outlook

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

El Niño conditions, and slightly above normal SSTs are having counteracting effect. If El Niño dominates; expect below normal rainfall, if El Niño weakens expect normal rainfall.

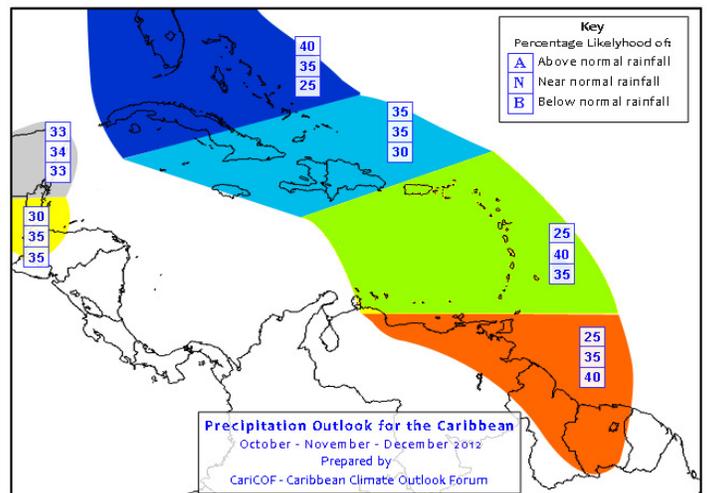


Figure 2. Precipitation Outlook October-November-December 2012

- Bahamas and western Cuba... above normal
- Eastern Cuba, Jamaica and Hispaniola...normal to above normal
- Most of the Antilles... normal
- Belize... normal to below normal
- Trinidad and Guyana... below normal (See figure 2)

Moon Phases

New Moon	First Quarter	Full Moon	Last Quarter
November 13	November 20	November 28	November 6
December 13	December 20	December 28	December 6

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 or svgmet@gmail.com