



MONTHLY WEATHER BULLETIN



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December 2012

ANNOUNCEMENTS...

December to May is the dry season in our region... **USE WATER WISELY!!!**

World Meteorological Organization-World Agro-Meteorological Information Service (WMO-WAMIS) has a link to this monthly bulletin at http://www.wamis.org/countries/stvgren/svg_201211.pdf. Check out this bulletin via CaribNet facebook page... A collective regional bulletin and agro-met bulletins from some Caribbean countries can be viewed at www.cimh.edu.bb/cami/regional_bulletin.html...

Weather Summary-December 2012

Total rainfall for December 2012, at E.T. Joshua Airport-Arnos Vale was 165.1 mm (6.5 inches); a mere 7.9 millimeters less than the December 30 year average. (Using 1981-2010 as the 30 year average). There was a six-day dry spell from the 14th to the 19th (See figure 1). Occasionally, unstable conditions associated with troughs and shear-lines from cold fronts affected the islands, bringing light to moderate showers. Also, high pressure systems in the Atlantic Ocean generated brisk east-northeast winds which influenced the seas to be moderate to rough at times.

Rainfall Outlook

South-eastern Caribbean can expect generally below normal rainfall during the dry season

Temperature Outlook

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

El Niño conditions have dissipated, and most climate models suggest these conditions are not likely to return over the next few months.

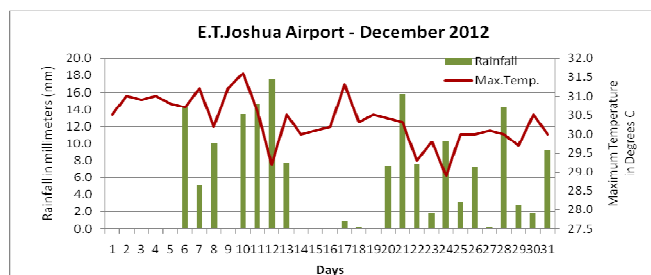


Figure 1. E.T. Joshua Airport rainfall and temperature distribution

The extreme maximum temperature recorded for was 0.7°C higher than average while the extreme minimum temperature was 1.7°C higher than average. The mean relative humidity was 0.3% below average. (See Table 1)

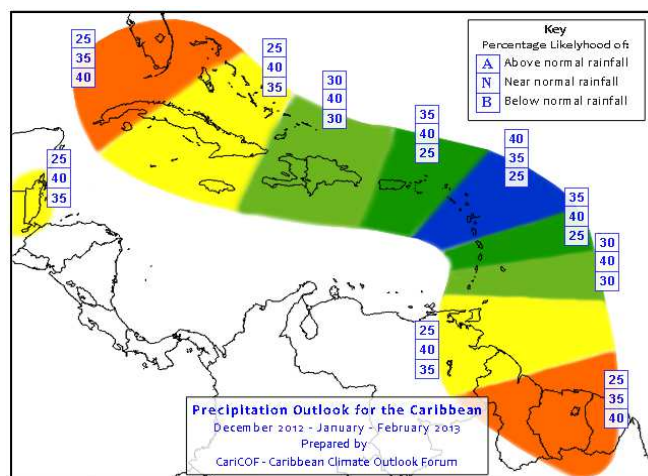


Figure 2. Precipitation Outlook – December 2012–Jan-February 2013

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

Dec. 2012	Average Temperature	Extreme Temperature	Extreme Humidity
Max.	30.4°C	31.6 °C	93%
Min.	24.5°C	23.0 °C	57 %

January History

The '30-year averages'; 132.2mm monthly rainfall, 19 rain-days, 75% mean R.H, 30.0°C max. temperature, and 21.3°C min. temperature. Cold fronts trail across the area cooling temperatures.

■ St. Vincent and the Grenadines - near normal (See figure 2). However, increasing chances of below normal rainfall in the southernmost islands, warrants water and soil moisture conservation methods. Precautions against heat stress, strong winds, rough seas, and high surf should also be taken during the first quarter of the year.

Moon Phases

New Moon	First Quarter	Full Moon	Last Quarter
January 11	January 18	January 26	January 3
February 10	February 17	February 25	February 4

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

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