



SVG MONTHLY WEATHER BULLETIN



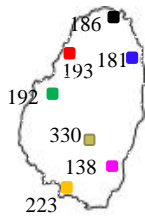
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ANNOUNCEMENTS.... There is a ninety-five percent chance that El Nino conditions will continue into N. Hemisphere winter. A hydrological drought warning is in effect for Saint Vincent by the end of the hurricane season. On October 16th CIMH hosted symposium celebrating 50 years of Sahara dust research on Barbados.

October 2015 Summary:



Tropical waves, low level troughs and atmospheric instability affected Saint Vincent and the Grenadines. Due to atmospheric instability on the 8th through to the 10th of the month, a total of 67.2mm of rainfall was recorded at E. T Joshua station. Thunderstorms were reported during the period. Thereafter, from the 13th to the 15th, a tropical wave affected the islands producing 40.8mm of rainfall for that period at the E.T Joshua station. Thunderstorms were also reported during the period. Furthermore, on the 29th, a low level trough dumped

45.5mm of rainfall at the station. The monthly rainfall total for E. T Joshua was 223.1mm. Compared to the previous month, data collected (Figure 1 and table1) indicated a decrease in rainfall. Maximum temperatures were higher than average, reaching 33.7°C in the Richmond area (see table 1).

Sea swells were slight to moderate in open waters due to light breeze. **Maximum gusts** in the Arnos Vale area were recorded on the 11th as 28 knots (~52km/h).

Table 1. October 2015 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	223.1	32.9	23.7
●	Langley Park	180.7	32.0	22.6
●	Belle Isle	191.5	30.7	21.1
●	Richmond	192.4	33.7	22.9

Table 2. Comparison of Parameters at E.T. Joshua Airport Station

E. T. Joshua Airport Station	Rain-days	Rainfall mm	Mean RH %	Max/Min Temp. °C
October	19	223.1	74	32.9/23.7
30 year average*	19	280.1	78	32.1/23.0

National Rainfall Outlook:

November 2015 to January 2016: Rainfall totals expected to be below normal to normal. (See figure 2.)

Temperature Outlook:

Air Temperature- Above normal to normal
Sea Surface Temperature- 0°C - 1 °C above average.

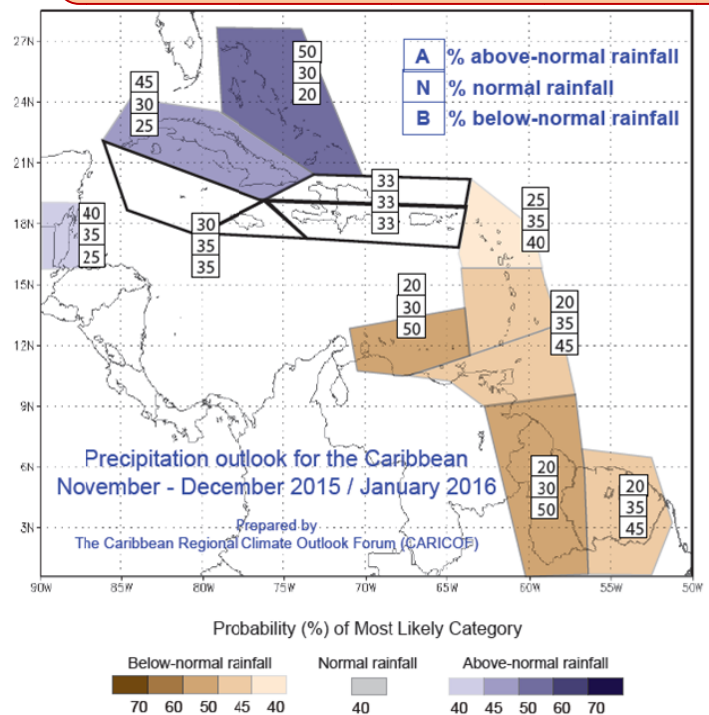


Figure 2 Regional Precipitation Outlook November- December- January 2015 [Read more.](#)

Average rainfall for **November** is 277.6mm with 20 rain-days (using E.T Joshua Airport 1981-2010 period average). November is the last month of the wet/hurricane season. It is hoped that warming sea surface temperature can increase evaporation and therefore the likelihood of showers.

MoonPhases2015:

November: FM 25th LQ 3rd NM 11th FQ 19th
December : FM 25th LQ 3rd NM 11th FQ 18th

