



SVG MONTHLY WEATHER BULLETIN



Volume 5

Issue 9

September 2015

ANNOUNCEMENTS.... The Caribbean Institute for Meteorology and Hydrology (CIMH) - Barbados is the World Meteorological Organization (WMO) Regional Climate Centre (RCC) for the Caribbean....www.cimh.edu.bb. Mid- August to late October is the 'peak of the Atlantic and Caribbean Basin Hurricane Season'. A hydrological drought warning is in effect for Saint Vincent toward the end of the hurricane/ wet season.

September 2015 Summary:

For the period 9th to the 11th of September, a tropical wave coupled with the northward progression of the ITCZ dumped almost 3 inches (71.5mm) of rainfall at the E. T Joshua station. Thereafter, on the 12th, instability from the presence of a shear line produced 55.3 mm of rainfall at the station. Instability continued up to the 14th. Total rainfall at E. T Joshua was 211.1mm. Highest rainfall total was recorded in the South Rivers area which received 590mm of rainfall. Thunderstorms were reported from various areas of the island.



Figure 1. Stations- Rainfall (mm)

In contrast, for most of the month, most areas in Saint Vincent experienced some very hot dry days and hot calm nights. Day time temperatures reached as high as 33.8°C in the Richmond area (see table 1). **Maximum gusts** in the Arnos Vale area were recorded on the 11th as 31 knots (~57km/h).

Table 1. September 2015 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	211.1	33.2	23.4
●	Langley Park	237.8	31.6	22.5
●	Belle Isle	258.4	31.6	20.9
●	Richmond	172.5	33.8	22.5

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
September	14	211.1	77	33.2/23.4
30 year average*	18	243.9	78	32.1/23.0

National Rainfall Outlook:

October to December 2015: Rainfall totals expected to be below normal to normal. (See figure 2.)

Temperature Outlook:

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

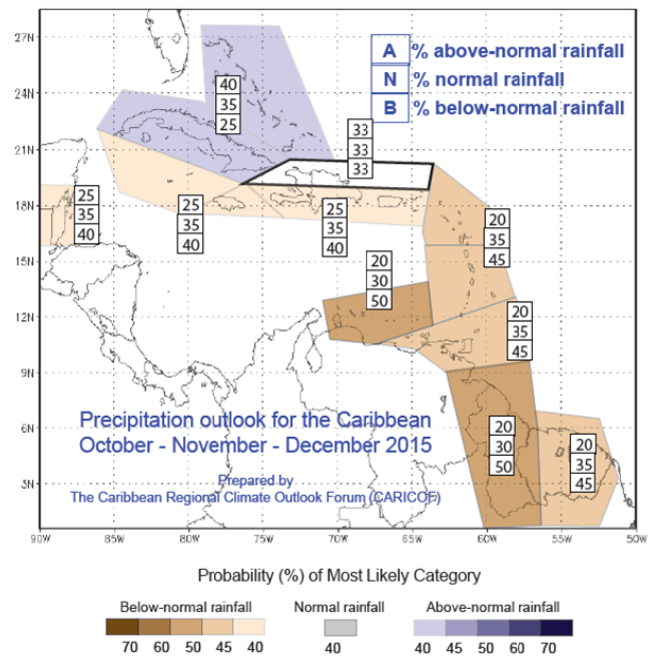


Figure 2 Regional Precipitation Outlook October- November- December 2015 [Read more.](#)

Average rainfall for October is 280.1mm with 19 rain-days (using E.T Joshua Airport 1981-2010 period average). The average maximum temperature is 32.1°C and the average minimum temperature is 23.0°C. Strong high level winds are expected to reduce storm and shower activity. However, warming sea surface temperature can increase evaporation and therefore the likelihood of showers.

MoonPhases2015:

October: FM 🌑 27th LQ 🌑 4th NM 🌑 12th FQ 🌑 20th
November : FM 🌑 25th LQ 🌑 3rd NM 🌑 11th FQ 🌑 19th