



# SVG MONTHLY WEATHER BULLETIN

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**ANNOUNCEMENTS....** December marks the beginning of the dry Season which runs from December to May in our region. El Nino conditions persist ... A drought warning is in effect for Saint Vincent and the Grenadines towards the end of March...Water Conservation is important! 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](http://www.cimh.edu.bb)

## December 2015 Summary:



The high pressure system dominated the weather for most of December in Saint Vincent and the Grenadines. Occasionally, unstable conditions associated with troughs and shear-lines from cold fronts affected the islands, bringing light to moderate showers. Total rainfall for December 2015 at the E.T Joshua Airport was 177.0mm, a 4mm increase to the December 30 year average (using E.T Joshua Airport 1981-2010 period average). Maximum temperatures were as high as 33.2°C in the Richmond area (see table 1). **Sea**

(Figure 1. Stations- Rainfall (mm)) **swells** were moderate to rough in open waters due to moderate to fresh breezes. This resulted in advisories for sea bathers and small craft operators. **Maximum gusts** in the Arnos Vale area were recorded on the 22<sup>nd</sup> as 35 knots (~64km/h).

## National Rainfall Outlook:

January to March 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.

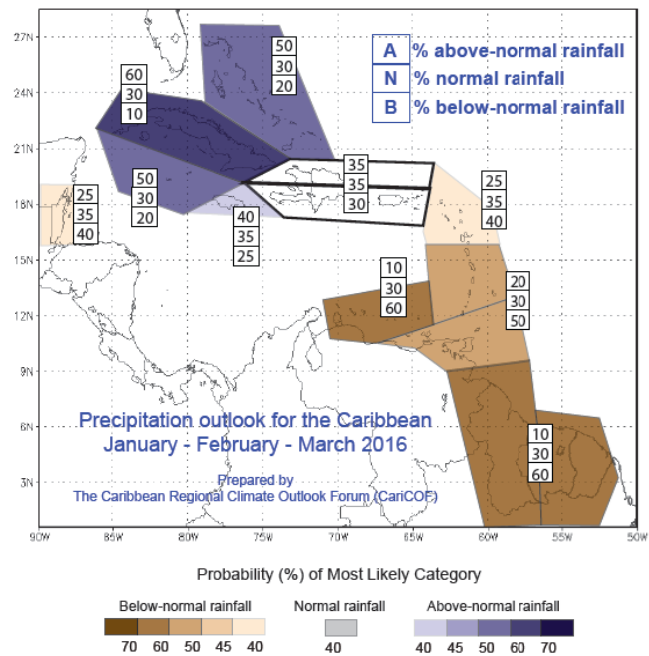


Table 1. December 2015 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	177.0	30.6	22.2
●	Langley Park	96.2	29.3	22.8
●	Belle Isle	250.9	28.7	21.0
●	Richmond	173.2	33.2	22.7

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
December	19	177.0	75.0	30.6/22.2
30 year average*	18	173.0	75.3	30.9/21.3

Figure 2 Regional Precipitation Outlook January- February- March 2016 [Read more.](#)

Average rainfall for **January** is 132.2mm with 19 rain-days (using E.T Joshua Airport 1981-2010 period average). December is the first month of the dry season. There is high confidence that low rainfall and fewer wet days will persist for the dry season. This warrants water and soil moisture conservation methods.

## MoonPhases2016:

January: FM 23<sup>rd</sup> LQ 2<sup>nd</sup> & 31<sup>st</sup> NM 9<sup>th</sup> FQ 16<sup>th</sup>  
February: FM 22<sup>nd</sup> NM 8<sup>th</sup> FQ 15<sup>th</sup>