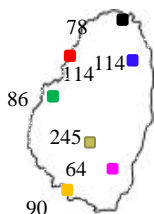




**ANNOUNCEMENTS...** El Nino conditions persist ... Impactful hydrological drought is a concern for Saint Vincent and the Grenadines towards the end of the dry season...Water Conservation is important! The Caribbean Institute for Meteorology and Hydrology (CIMH) - Barbados is the World Meteorological Organization (WMO) Regional Climate Centre (RCC) for the Caribbean....[www.cimh.edu.bb](http://www.cimh.edu.bb)

### January 2016 Summary:



Unstable conditions associated with weak low level troughs and shear-lines from cold fronts affected the islands on occasions for January. The high pressure ridge however, dominated most of the weather pattern. Total rainfall for January 2016 at the E.T Joshua Airport was 90.3mm, a 41.9mm difference to the January 30 year average (using E.T Joshua Airport 1981-2010 period average), 52% of total rainfall was recorded in the first 7 days. Minimum temperature was 1.1°C cooler than the 30 year average. On the 26<sup>th</sup>, one person reported

hearing thunder in the Calder Ridge area. Maximum temperatures were as high as 31.0°C in the Richmond area (see table 1). **Sea 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 26<sup>th</sup> as 28 knots (~52km/h).

Table 1. January 2016 Rainfall and Temperatures across SVG

| Key Fig.1 | Station - Location   | Rainfall (mm) | Max. Temp. (°C) | Min. Temp. (°C) |
|-----------|----------------------|---------------|-----------------|-----------------|
| ●         | Arnos Vale - Airport | 90.3          | 30.0            | 20.2            |
| ●         | Langley Park         | 114.0         | 28.7            | 21.8            |
| ●         | Belle Isle           | 86.2          | 27.0            | 19.1            |
| ●         | Richmond             | 113.5         | 31.0            | 21.9            |

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 |
|------------------------------|-----------|-------------|-----------|------------------|
| January                      | 15        | 90.3        | 73.5      | 30.0/20.2        |
| 30 year average*             | 19        | 132.2       | 75.5      | 30.0/21.3        |

### National Rainfall Outlook:

February to April 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.

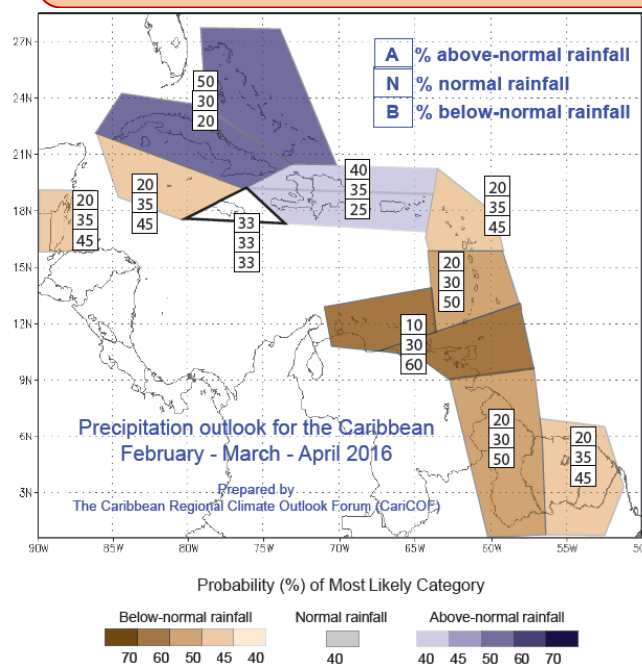


Figure 2 Regional Precipitation Outlook February- March-April 2016 [Read more.](#)

Average rainfall for **February** is 90.3mm with 16 rain-days (using E.T Joshua Airport 1981-2010 period average). February is known for being one of the driest months. Warm Atlantic temperatures can increase evaporation which in turn will increase precipitation. However, strong high level winds are expected to reduce shower activity.

### MoonPhases2016

February: FM 22<sup>nd</sup> NM 8<sup>th</sup> FQ 15<sup>th</sup>  
March: FM 23<sup>rd</sup> LQ 1<sup>st</sup> NM 8<sup>th</sup> FQ 15<sup>th</sup>