



# SVG MONTHLY WEATHER BULLETIN

Volume 5

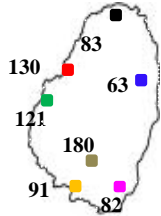
Issue 19

August 2016



## ANNOUNCEMENTS...

The National Hurricane Center updated their 2016 Atlantic Hurricane Season Outlook calling for 12-17 named storms, 5-8 hurricanes and 2-4 major hurricanes. There's a higher likelihood of a near- normal or above-normal season and the season is still expected to be the most active since 2012. 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).



## August 2016 Summary:

August was mostly dry and hot with light winds offering little support to alleviate the discomfort. Total monthly rainfall recorded at the E. T Joshua Airport- Arnos Vale was 90.8mm. Rainfall was below the climatological average and temperatures were above. There was a significant decrease in the number of rain days (see table 2). **Tropical waves** moved across the islands occasionally. Thunderstorms were reported on a few occasions. Highest total monthly recorded rainfall of 273.4mm was in the South Rivers area.

(Figure1. Stations - Rainfall mm)

**Tropical Storm Fiona** and **Category 4 Hurricane Gaston** developed during the month but both remained over the Central Atlantic Ocean. **Maximum gusts** recorded in the Arnos Vale area on the 14<sup>th</sup> was 30 knots (~55 km/h). **Sea swells** were generally slight to moderate in open waters.

Table 1. August 2016 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	90.8	32.2	24.2
●	Langley Park	62.7	31.4	22.7
●	Belle Isle	121.4	30.6	22.1
●	Rivulet	81.5	31.6	22.2

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
August	12	90.8	76	32.2/24.2
30 year average*	20	237.0	78	31.9/22.9

## National Rainfall Outlook:

**September to November 2016:** Below to normal rainfall forecasted (See figure 2.)

## Temperature Outlook:

Air Temperature- Above- normal to normal  
Sea Surface Temperature- 0.5°C - 1°C above-average

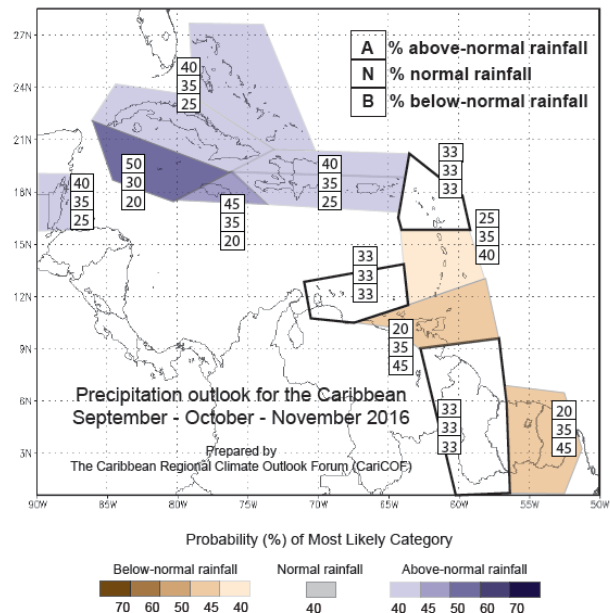


Figure2. Regional Precipitation Outlook September-October-November 2016 [Read more.](#)

Climatologically, monthly average rainfall increases for September-October -November (using period 1981-2010). **Based on this period, September** has an average of 18 rain-days and receives approximately 243.9 mm of rainfall. Maximum temperatures generally reach 32.3°C, while minimum temperatures average 23.0°C. It is still possible however; that the intrusion of dust and dry air associated with Saharan Air Layer (SAL) may decrease rainfall chances.

## Moon Phases 2016:

**September:** FM 16<sup>th</sup> LQ 23<sup>rd</sup> NM 1<sup>st</sup>&30<sup>th</sup> FQ 9<sup>h</sup>  
**October:** FM 16<sup>th</sup> LQ 22<sup>nd</sup> NM 30<sup>th</sup> FQ 9<sup>h</sup>