



# SVG MONTHLY WEATHER BULLETIN

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## ANNOUNCEMENTS...

SVG usually see a peak in monthly rainfall totals for the months of October - November... It is now the 'peak of the Atlantic and Caribbean Basin Hurricane Season'. The Caribbean Institute for Meteorology and Hydrology (CIMH) - Barbados is the World meteorological Organization (WMO) Regional Climate Centre (RCC) for the Caribbean. For more information visit [www.cimh.edu.bb](http://www.cimh.edu.bb).

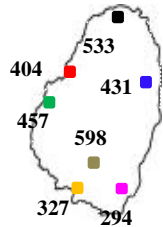
## September 2016 Summary:

### Tropical Storm Matthew

affected the islands on September 28<sup>th</sup> & 29<sup>th</sup>. Total recorded rainfall for those two days was 159 mm and accounted for approximately 49 percent of the total monthly rainfall recorded at the E.T Joshua station. Highest monthly total recorded rainfall of 598mm was in the Dallaway area. In addition, earlier in the month, shower activity and periods of rain from a **tropical wave** resulted in landslides in Spring Village Leeward area,

Byrea and Gorse. Thunderstorms were reported on a few occasions.

Days remained hot and this trend is forecasted to continue towards the end of October. **Maximum wind gust** recorded in the Arnos Vale area on the 29<sup>th</sup> was 33 knots (~61 km/h). **Sea swells** were generally slight to moderate in open waters. Advisories were issued for rough seas during the passage of Tropical Storm Matthew.



### National Rainfall Outlook:

October to December 2016: Low predictability...(See figure 2.)

### Temperature Outlook:

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

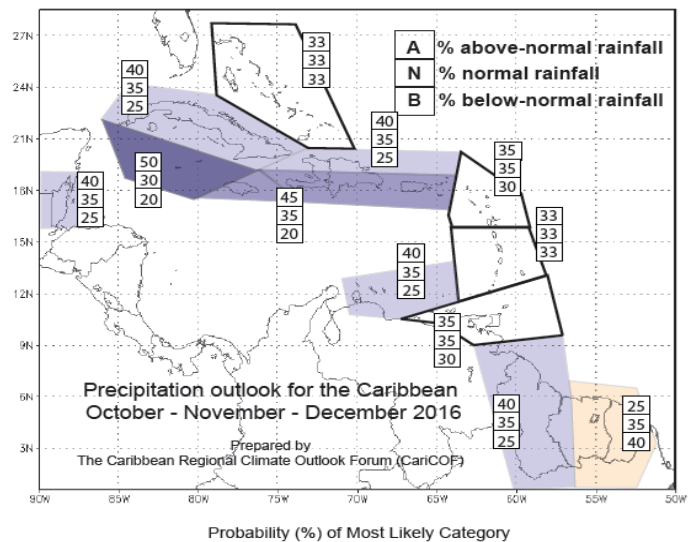


Figure2. Regional Precipitation Outlook Oct-Nov-Dec2016 [Read more.](#)

Table 1. September 2016 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	326.5	32.6	23.3
●	Langley Park	430.6	31.5	21.7
●	Belle Isle	457.3	30.8	21.0
●	Rivulet	293.6	32.3	22.6

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	21	320.7	77	32.6/23.3
30 year average*	18	243.9	78	32.3/23.0

Climatologically, monthly average rainfall increases for September-October -November (using period 1981-2010). **Based on this period, October** has an average of 19 rain-days and receives approximately 280.1mm of rainfall. Maximum temperatures generally reach 32.1°C, while minimum temperatures average 23.0°C. It is of concern that potential for flash flooding may occur.

### MoonPhases2016:

October: FM 16<sup>th</sup> LQ 22<sup>nd</sup> NM 30<sup>th</sup> FQ 9<sup>h</sup>  
November: FM 14<sup>th</sup> LQ 21<sup>st</sup> NM 29<sup>th</sup> FQ 7<sup>th</sup>