



SVG MONTHLY WEATHER BULLETIN

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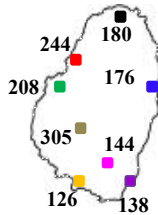
December 2017



ANNOUNCEMENTS:

Weak La Niña manifesting, therefore precipitation totals for the Eastern Caribbean are forecast to be high enough to prevent drought from being a major concern as the dry season progress. The Caribbean Institute for Meteorology and Hydrology (CIMH) - Barbados is the World Meteorological Organization (WMO) Regional Climate Centre (RCC) for the Caribbean... read more at the [CIMH website](http://www.cimh.org)

December 2017 Summary:



Despite the passage of a few trough systems, the first part of December was rather dry because dry mid to upper levels inhibited significant rainfall accumulations across the country. There were two periods of 5 consecutive days where rainfall totals were less than 1mm (3rd-7th) & (9th-13th). Rainfall was more forthcoming for the latter parts of the month, with the highest daily rainfall of 41.4mm recorded at the Argyle International Airport on the 30th due to the passage of a trough system. Northern portions of the country (Sandy Bay) reported

(Figure 1. Stations- Rainfall (mm))

flooding and Dallaway experienced 86.2mm of rainfall within a 24hrs period. Total monthly recorded rainfall at the A.I.A was 138.2mm. The highest total monthly recorded rainfall across the country was 466.5mm in Dallaway.

Generally moderate to strong winds were observed during the month, with maximum gusts of 28knots (52km/h) occurring in the Argyle area on several days. Winds agitated seas and on a few occasions advisories and warnings for small craft operators and sea bathers were issued.

Table 1. December 2017 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
■	Argyle Int'l - Airport	138.2	29.6	20.6
●	E.T Joshua-Arnos Vale	126.4	n/a	n/a
●	Belle Isle	207.9	28.9	20.5
●	Rabacca	175.5	31.1	21.0
●	Richmond	243.9	30.9	20.9

Temperature Outlook:

Air Temperature – Above normal to normal
Sea Surface Temperature ~0°C-1°C near - average

National Rainfall Outlook: (See figure 2.)

Jan-Feb-Mar 2018: Equal chances for normal to above normal

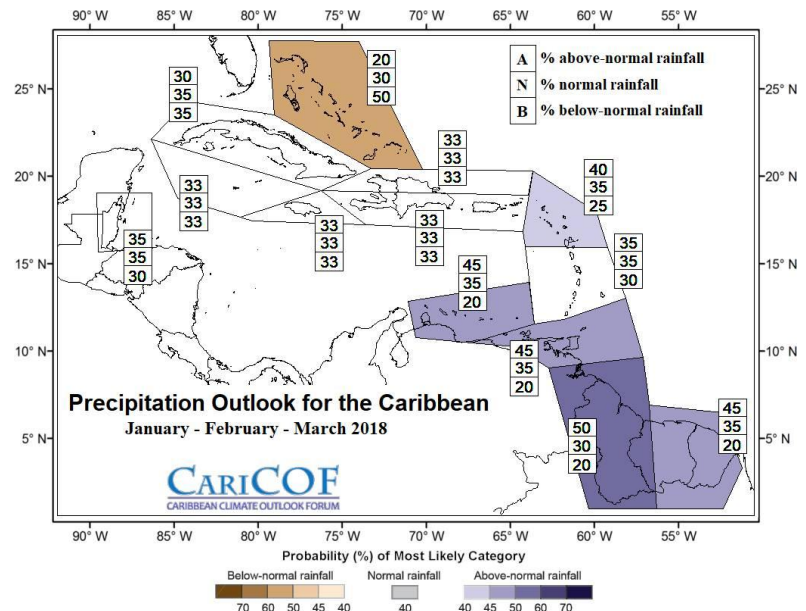


Figure2. Regional Precipitation Outlook January-February-March 2018

Historically, January receives approximately 132.2mm of rainfall (using data recorded at the E.T Joshua station). Slightly warmer SSTs around the Caribbean may lead to slightly above-average humidity, as well as atmospheric instability as the dry season progress.

Moon Phases 2018:

January	FM 31 st	LQ 10 th	NM 8 th	FQ 24 th
February	*****	LQ 10 th	NM 7 th	FQ 23 rd