



SVG MONTHLY WEATHER BULLETIN

Volume 6

Issue 6

August 2017



ANNOUNCEMENTS: According to the Department of Atmospheric Science Colorado State University in their 4August 2017 release, the **PROBABILITIES FOR AT LEAST ONE MAJOR (CATEGORY 3-4-5) HURRICANE TRACKING INTO THE CARIBBEAN** for the remainder of the 2017 hurricane season is 51%. The Caribbean Institute for Meteorology and Hydrology (CIMH) - Barbados is the World Meteorological Organization (WMO) Regional Climate Centre (RCC) for the Caribbean... **Highlights:** CariCOF now releasing experimental [heat outlooks](#) for hotter part of the year (May to October/November), containing forecast temperatures and heat wave frequencies. Outlook highlights how excessive heat affects us...Read the July Caribbean Agro-Climatic bulletin of [CariSAM](#)...

August 2017 Summary:



The month of August was uncomfortably hot and humid. Most of the shower activity was attributed to low level troughs, tropical waves coupled with the Inter-Tropical Convergence Zone (ITCZ). Total monthly recorded rainfall at the Argyle International Airport (A.I.A) was 222.1mm. The highest daily recorded rainfall was 80.9mm on the 3rd from a tropical wave coupled with the ITCZ. A flood watch was issued. A tropical storm warning was issued for S.V.G on August 17th for Tropical Storm Harvey.

(Figure 1. Stations- Rainfall (mm))

Twenty-four hours recorded rainfall at A.I.A was 66.9mm. Flooding was reported on the Grenadine Islands of Bequia and Mustique along with a few landslides on mainland. Highest monthly rainfall was 474mm recorded in Convent (see figure 1). Moderate to occasionally fresh winds were observed during the month, with maximum gusts in the Argyle area occurring on the 18th as 27 knots (~50 km/h). Generally moderate swells were experienced in open waters, with above normal seas being agitated by occasional strong breezes prompting the issuance of advisories and warnings.

Table 1. August 2017 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
■	Argyle Int'l - Airport	291.4	32.0	22.7
■	Airport - Arnos Vale	333.5	n/a	n/a
■	Belle Isle	385.0	30.5	21.3
■	Rabacca	215.3	32.9	22.4
■	Richmond	406.0	33.1	22.3

Temperature Outlook:

Air Temperature - Above normal to normal
Sea Surface Temperature ~0.5°C-1.5°C above average

National Rainfall Outlook: (See figure 2.)

September - November 2017: Normal to above normal

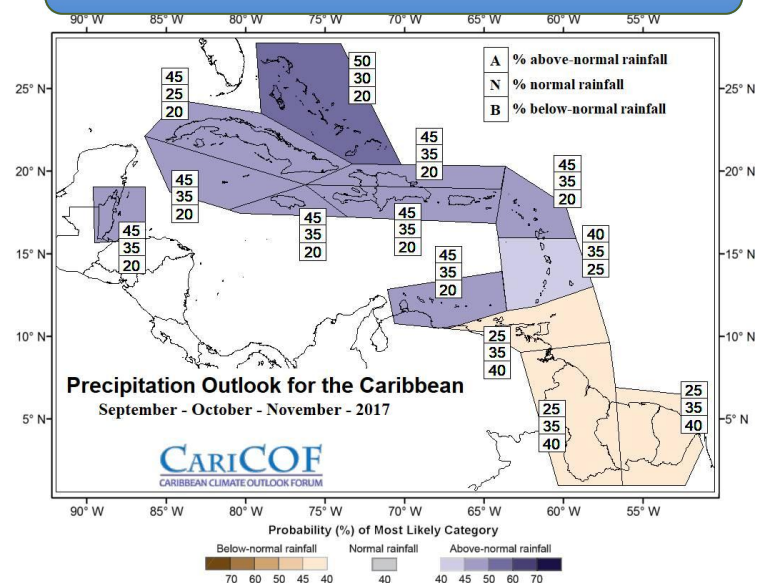


Figure2. Regional Precipitation Outlook September-October-November 2017 [Read more](#)

Temperatures, both night and day are forecast to be likely warmer than usual for the upcoming October month. Therefore, discomfort can peak due to the combination of very warm temperatures and high humidity. Heat waves and heat stress are likely and enhanced health risk is expected due to unfavorable environmental conditions. Meanwhile, above-average Atlantic hurricane activity is still forecast.

Moon Phases 2017:

September	FM 6th	LQ 13th	NM 20st	FQ 27th
October	FM 5th	LQ 12th	NM 19th	FQ 27th