



SVG MONTHLY WEATHER BULLETIN



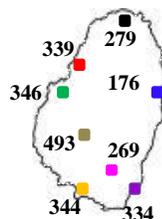
Volume 6

Issue 5

October 2017

Highlights: The Caribbean Institute for Meteorology and Hydrology (CIMH)- Barbados is the World Meteorological Organization (WMO) Regional Climate Centre (RCC) for the Caribbean..CariCOF releases more experimental [heat outlooks](#) for October to November, containing forecast temperatures and heat wave frequencies. Outlook highlights how excessive heat affects us...Read the October Caribbean Agro-Climatic bulletin of [CariSAM](#)... Ophelia was the 10th named Atlantic storm to reach hurricane status on 11 October 2017 - tying the record which was last set in 1893... Historically, the Atlantic hurricane season ends on 30 November, however, hurricanes can occur anytime in the hurricane season...**Be Prepared!!**

October 2017 Summary



Once again unsettled conditions dominated the month of October as tropical waves and low to mid level trough systems crossed the islands. Isolated thunderstorms and moderate to heavy showers were reported in various areas of SVG. Most of the rainfall that contributed to October's total was accumulated during the 2nd week, as heavy rains dumped 6.2 inches across the islands. Flood watches and warnings were issued as showers persisted. There were a few landslides reported in various areas. The Grenadine islands also experienced cloudy and windy conditions with showers.

Figure 1. Stations - Rainfall (mm) The highest one day rainfall total at the Argyle station was 85.7mm on the 16th. Temperatures warmed to 30.8°C in the Argyle area. Across the stations the **highest monthly rainfall total** was **590.9mm**, recorded in the Dallaway area. The highest temperature was recorded in the Richmond area as **32.7 °C** (see table 1). Winds were moderate with occasionally strong breezes observed during the month. Maximum gusts in the Argyle area was 24 knots (~44 km/h) on the 21st. Generally, swells were moderate in open waters with above normal seas being agitated by strong breezes prompting the issuance of advisories and warnings. October also saw the formation of 2 hurricanes - Nate and Ophelia, and 1 Tropical storm - Philippe, none posed any threat to St. Vincent and the Grenadines.

Table 1. October 2017 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
■	Argyle Int'l - Airport	334.4	30.8	21.7
■	Airport - Arnos Vale	343.9	n/a	n/a
■	Belle Isle	345.6	29.9	21.4
■	Rabacca	175.5	32.3	22.5
■	Richmond	339.4	32.7	22.9

Temperature Outlook:

Air Temperature - Above normal to normal
Sea Surface Temperature ~0.5°C to 2°C above average

National Rainfall Outlook: (See figure 2.)

November to January 2017-'18: normal to above normal likely

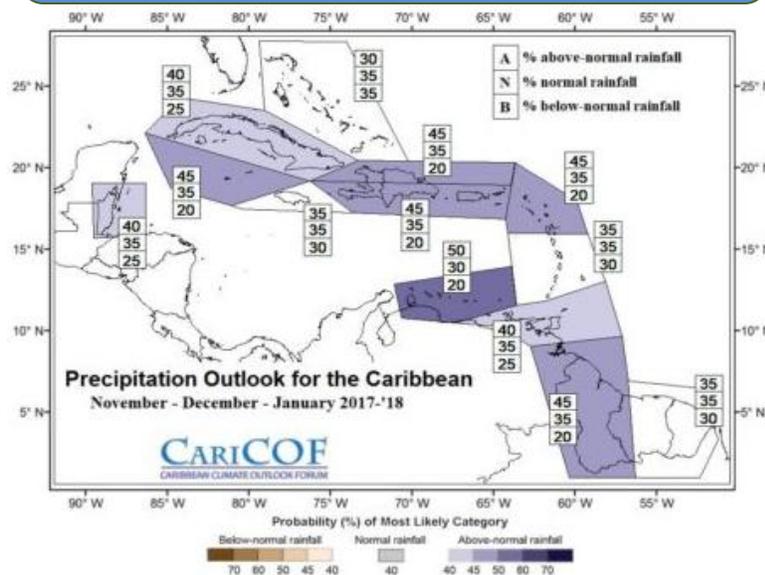


Figure 2. Regional Precipitation Outlook Nov - Dec -Jan 2017-'18 [Read more](#)

Officially, the Atlantic Hurricane Season ends on November 30th. However, Tropical storms can still form or track from either west or east of the islands. **Remain prepared.** During November; the chance of frequent showers increases water availability and enhances the potential for flash floods and landslides. Uncomfortable day and night-time temperatures should gradually subside, as the northern hemisphere nears winter and temperatures are expected to decrease.

Moon Phases 2017:

November	FM 4th	LQ 10th	NM 18th	FQ 26th
December	FM 3rd	LQ 10th	NM 18th	FQ 26th