



SVG MONTHLY WEATHER BULLETIN

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ANNOUNCEMENTS: NOAA predicting "60% chance of an above-normal season" in their [updated hurricane season outlook](#)... Historically, the Atlantic hurricane season peaks in September, however, deadly hurricanes can occur anytime in the hurricane season...**Be Prepared.** 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](#)...Solar Eclipse on 21st August 2017 [Read more](#). View solar eclipse Animation [here](#).

July 2017 Summary:



July was mainly unsettled as tropical waves, trough systems and tropical disturbances moved across the islands. During the first ten days of July; generally cloudy skies dominated with occasional moderate to heavy showers being experienced island wide. Occasions of isolated thunderstorms were reported in various areas of SVG. On the 17th, SVG was placed under tropical storm watch as tropical storm Don approached the Lesser Antilles. Later that night, the watch was upgraded to tropical storm warning. Tropical Storm Don passed south of SVG with minimal damage being reported on the mainland. The Grenadine islands experienced cloudy and windy conditions with showers. The highest daily rainfall at the Argyle station was 23.9 mm on the 24th, and the highest rainfall total of 344.1mm was recorded in the Montreal area. A few days in July were predominantly sunny, causing temperatures to warm to 30.7° C in the Argyle area and higher in others (see table 1). Moderate to occasionally fresh winds were observed during the month, with maximum gusts in the Argyle area occurring on the 3rd and 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. July 2017 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
■	Argyle Int'l - Airport	123.8	30.7	23.0
●	Airport - Arnos Vale	171.7	n/a	n/a
●	Belle Isle	257.2	30.4	22.0
●	Rabacca	142.6	33.0	23.5
●	Richmond	285.6	32.5	23.4

Temperature Outlook:

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

National Rainfall Outlook: (See figure 2.)

August to October 2017: normal to above normal likely

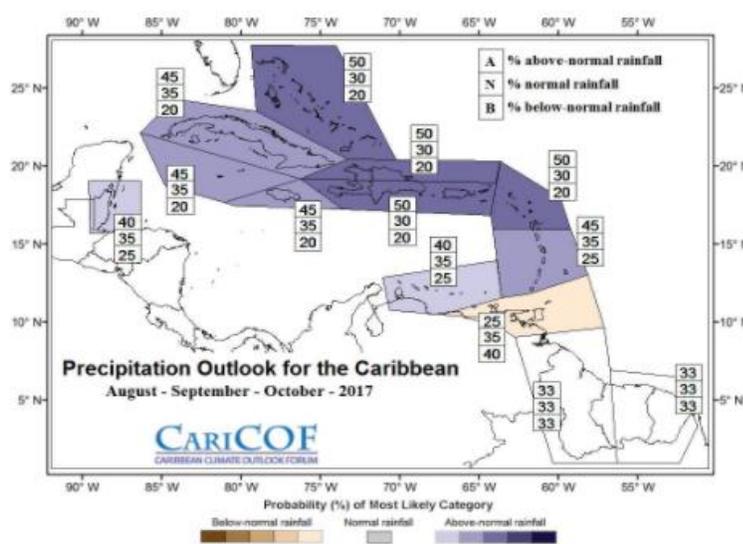


Figure2. Regional Precipitation Outlook August-September-October 2017 [Read more](#)

So far there have been seven (7) named storms for the 2017 Hurricane/Wet season and as we approach the peak of the season (Mid-August to October); the possibility for increased wet conditions is possible. This increases water availability and enhances the potential for flash floods and landslides. Warmer day-time and night-time temperatures are also possible. *The impact of heat-stress may come into play, guard against heat stress in animals and crops. Remember also, warm and wet conditions are conducive for mold and mosquito multiplication.*

Moon Phases 2017:

August	FM 7th	LQ 14th	NM 21st	FQ 29th
September	FM 6th	LQ 13th	NM 20th	FQ 27th