



# SVG MONTHLY CLIMATIC BULLETIN

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**HIGHLIGHTS:** *The hurricane season nears to a close but it is still not over. Continue to be prepared!*. Model forecast and guidance suggest ENSO neutral conditions to persist during October-December (with 65-60% confidence). View various bulletins and outlooks issued by the [Caribbean Regional Climatic Centre](#) (Health, Agriculture, Heat outlook etc.) Read the Caribbean Agro-Climatic bulletin of [CariSAM](#) and other national bulletins.

## September 2019 Summary

The month of September marked the peak of the Atlantic Hurricane Season. Tropical storm Karen affected SVG on September 22nd, bringing overcast conditions, gusty winds, moderate to heavy showers, periods of rain and thunderstorm activity. There were reports of fallen utility poles and trees, landslides as well as storm surge which led to coastal damages. A highest **one day** rainfall total of 50 mm was recorded on the 17th September due to the passage of a Tropical wave. Flooding occurred in Buccament Bay and a bridge was

damaged in Sandy Bay. Here at **AIA**, September's **total rainfall** was 138.1 mm (~5.43in.). Across SVG, many stations record higher rainfall totals than that recorded at the AIA station, (see table 1.). The **Highest monthly** rainfall total island-wide was 421.5 mm (~16.59in) in the Layou area, located on the Leeward side of mainland St. Vincent.

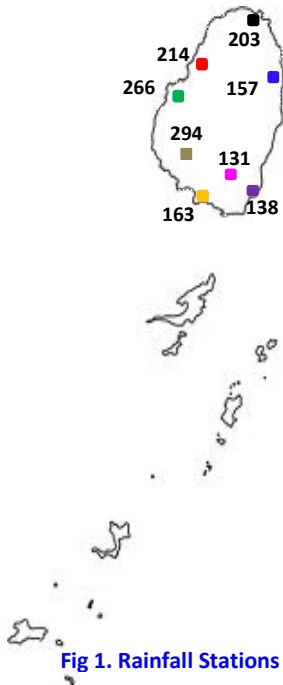


Fig 1. Rainfall Stations

Table 1. July 2019 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	138.1
●	E.T Joshua-Arnos Vale	163.1
●	Belle Isle	266.1
●	Rabacca	157.4
●	Richmond	214.3
●	Rivulet Climo.	130.6
●	Dallaway	293.8

The highest recorded temperature for the month of September was 32.2°C, one degree(1°C) higher than that of last month's maximum temperature, while the minimum temperature recorded was 23.6°C. A maximum wind gust of 26 knots (~48km/h or 30mph) was recorded on September 23rd, during the passage of Tropical Storm Karen.

(See Fig2.)

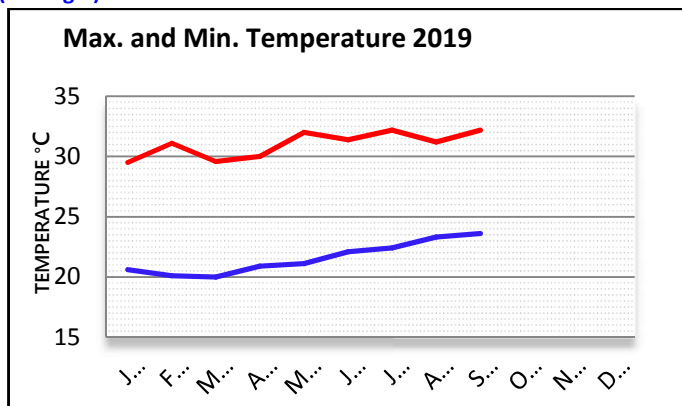


Fig2. Maximum and Minimum Temperatures recorded in 2019 at AIA

## Forecast Information

### National Temperature Outlook: Oct - Dec 2019 SVG:

**Air Temperature:** Day and night time temperatures likely to continue being warmer than usual.

**Sea Surface Temperatures (SSTs):** are expected to increase to slightly above average.

### National Rainfall Outlook: Oct - Dec 2019 SVG:

• Below normal rainfall expected in October; but no drought concerns at this time.

• The probability of a three 7-day dry spell decreased to 10%.

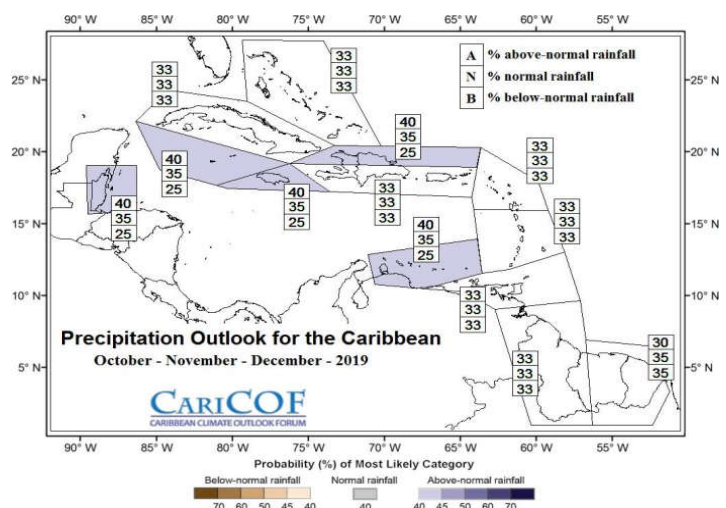


Fig 4. Regional Precipitation Outlook Aug - Sept-Oct 2019 [Read More](#)

## Implications for Sectors

- As we near the end of the Caribbean Heat Season, October being the last month, uncomfortable heat can still be expected at times. Farmers should ensure that adequate water and shade are provided for livestock. The general public should also protect themselves during excessive heat due to high temperatures and increased humidity.
- October to December marks the transition between wet and dry seasons. Water levels may be significantly reduced in reservoirs and rivers during the upcoming dry season. For agriculture, water conservation techniques and irrigation practices may be necessary. The general public is also advised to carry out measures to conserve water.
- The occurrences of flash-flooding are likely in October and November during periods of wet spells.

## Moon Phases

Oct	FQ	5th	FM	13th	NM	27th	LQ	21st
Nov	FQ	4th	FM	12th	NM	26th	LQ	19th

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