



SVG MONTHLY CLIMATIC BULLETIN

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HIGHLIGHTS: The Atlantic Hurricane Season Officially came to an end. We are transitioning into the dry season. Model forecast and guidance suggest ENSO neutral conditions to persist during December- February (with 60-70% 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.

November 2019 Summary

During the month of November instability lingered across our islands. A few tropical waves and low level trough systems, produced some partly cloudy to occasional cloudy skies with light to moderate scattered showers, periods of rain and few thunderstorm activity. The 2 highest 1 day totals being 20.7 and 20.3 mm occurred on the 9th and 24th respectively. Sea conditions were slight to moderate in open water with occasional northerly swells. Here at **AIA**, November's **total rainfall** was **136.8 mm** (~5.38inch), with

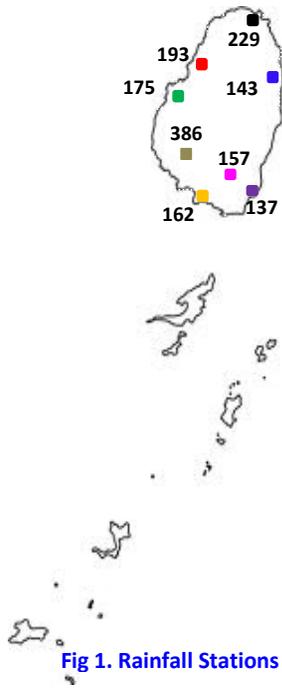


Fig 1. Rainfall Stations

~50% of total rainfall occurring in the first dekad, ~23% in the second dekad and ~28% in the third dekad. There were 17 rain-days at A.I.A with rainfall greater than 1 mm. There were also 13 days when rainfall was less than 1 mm. Throughout the month of November, there were 2 periods of 4 consecutive days where rainfall was less than 1mm, (15th - 18th) and (20th-23rd). The **Highest monthly** rainfall total island-wide was **425.6 mm** (~16.8inch) at the Montreal catchment area.

Table 1. October 2019 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	136.8
●	E.T Joshua-Arnos Vale	161.7
●	Belle Isle	175.2
●	Rabacca	142.5
●	Richmond	193.3
●	Rivulet Climo.	157.1
●	Dallaway	386.2

The highest maximum temperature 31.1 °C was recorded on the 30th while the lowest temperature value of 22.4 °C was recorded on the 12th. Average maximum temperature was 29.7 °C and Average minimum temperature was 24.8 °C. Average daily mean temperature was 27.3 °C.

The maximum wind gust of 27 knots (~50 km/h or 31 mph) was recorded on 7th and 13th November 2019.

(SeeFig2.)

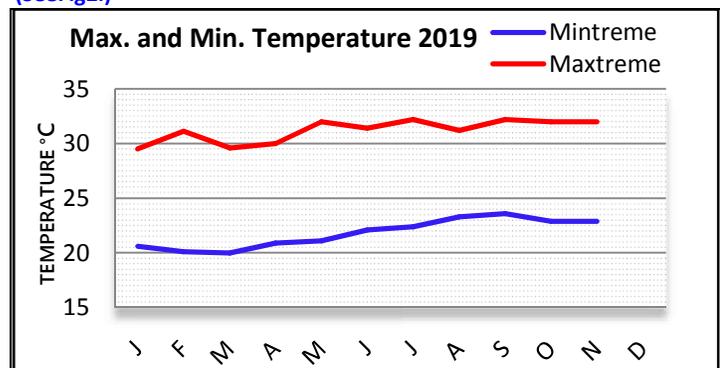


Fig2. Maximum and Minimum Temperatures recorded in 2019 at AIA

Forecast Information

National Temperature Outlook: Dec 19 - Feb 20 SVG:

Air Temperature: Day and night time temperatures are likely to be normal or warmer than usual.

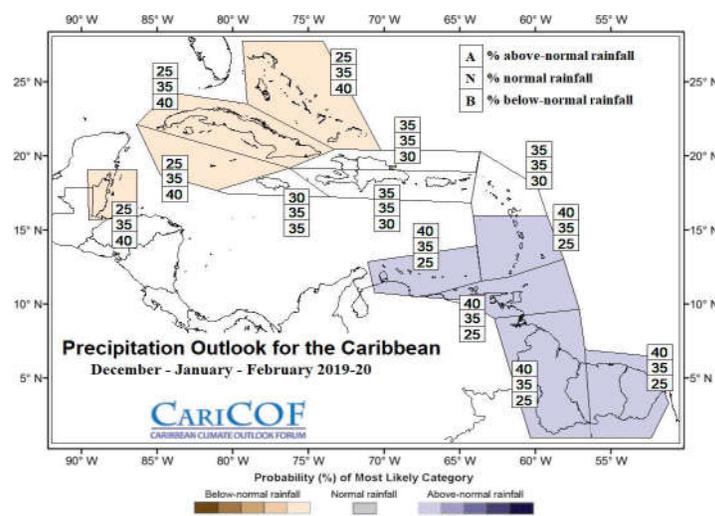
Sea Surface Temperatures (SSTs): Sea surface temperatures will continue to be slightly above average.

National Rainfall Outlook: Dec 19 - Feb 20 SVG:

• Normal to slight above normal rainfall is likely; but no drought concerns at this time.

• The probability of a three 7-day dry spell is forecast.

Fig 4. Regional Precipitation Outlook Dec - Feb 2019-20 [Read More](#)



Implications for Sectors

- The Atlantic Hurricane Season Officially came to an end on November 30th. Flash-floods are still possible from extreme wet spells especially throughout December.
- Drought is NOT a concern at this time. However, rainfall activity is expected to become less frequent as we move further into the dry season. For agriculture, water conservation techniques and irrigation practices may be necessary. The general public is also encouraged to carry out measures to conserve water during that period.
- Both day and night time temperatures are expected to be at least as warm as usual, but comfortable during the forecast period.

Moon Phases 2019/2020

Dec	FQ 4th	FM 12th	LQ 19th	NM 26th
Jan	FQ 3th	FM 10th	LQ 17th	NM 24th

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