



SVG MONTHLY CLIMATIC BULLETIN

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HIGHLIGHTS: The dry season has begun... Long term drought is evolving in Saint Vincent and the Grenadines... ENSO neutral conditions are still in place. Most models favor ENSO neutral conditions to persist during JFM (with 55-70% confidence)...Caribbean Regional Climatic Centre (Health, Agriculture, Heat outlook etc.) Read the Caribbean Agro-Climatic bulletin of [CariSAM](#) and other national bulletins.

December 2019 Summary

The month of December was relatively dry and breezy due to the dominance of the Atlantic high pressure system across the region on most days. A few weak shearlines and low level troughs resulted in scattered showers on a few occasions. Total rainfall for the month of December at the Argyle International Airport (AIA) was 70.0mm (2.75inches) with ~27% of total rainfall occurring in the first dekad, ~72% in the second dekad and a mere 1% in the third dekad. There were 7 rain-days at A.I.A with rainfall greater than 1 mm with the highest 1 day total being 15.2mm occurring on the 12th. There were also 24 days when rainfall was less than 1 mm. The highest monthly rainfall total island-wide was 205.5 mm (~16.8inch) at the Hermitage catchment area

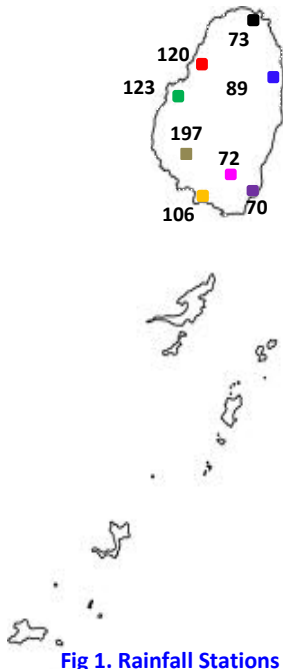


Fig 1. Rainfall Stations

Table 1. December 2019 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	70.0
●	E.T Joshua-Arnos Vale	106.3
●	Belle Isle	122.9
●	Rabacca	88.8
●	Richmond	120.1
●	Rivulet Climo.	72.0
●	Dallaway	197.3

The highest maximum temperature, 30.8 °C was recorded on the 13th while the lowest temperature, 19.6 °C was recorded on the 9th. Average maximum temperature was 29.3 °C and average minimum temperature was 24.6 °C. Average daily mean temperature was 26.9°C (SeeFig2).

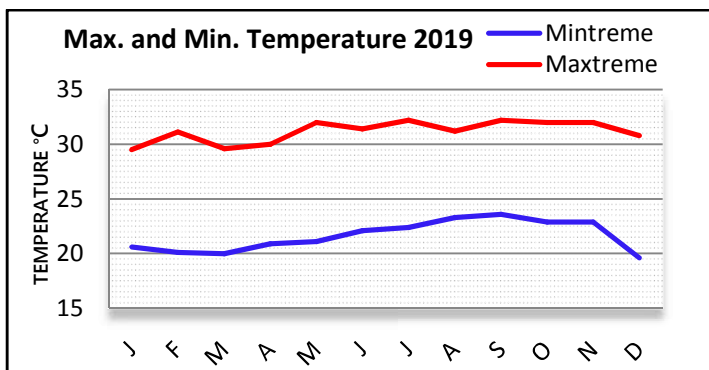


Fig2. Maximum and Minimum Temperatures recorded in 2019 at AIA

The maximum wind gust of 29 knots (~53 km/h or 33 mph) was recorded on the 16th December, 2019. In addition, haze intrusion limited visibility on occasions throughout the month.

Forecast Information

National Temperature Outlook: Jan 20 - Mar 20 SVG:

Air Temperature: Day and night time temperatures are likely to be at least as warm as usual.

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

National Rainfall Outlook: Jan 20 - Mar 20 SVG:

- The forecast indicates little information on rainfall totals
- The probability for at least three 7-day dry spell is forecast.

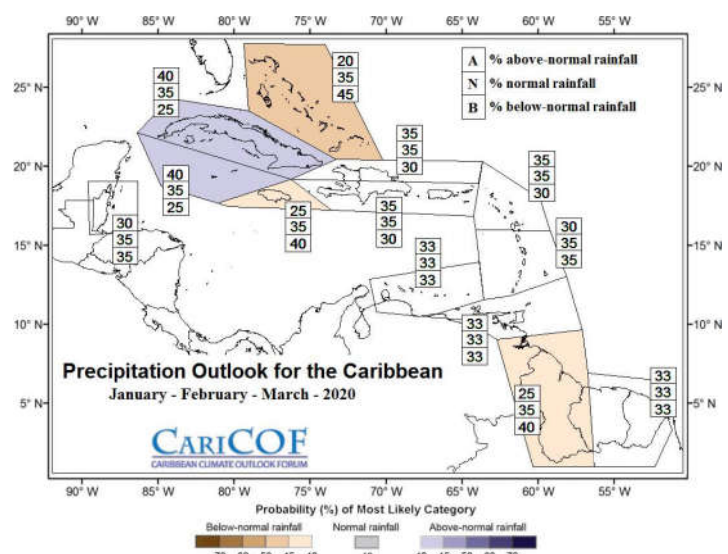


Fig 4. Regional Precipitation Outlook Jan - Mar 2020 [Read More](#)

Implications for Sectors

- The dry season has begun and currently, short term drought is not a concern; however long term drought, i.e. by the end of May 2020 is evolving. For such, the water sector should continue to monitor water in reservoirs and rivers. The agriculture sector should administer water conservation techniques and irrigation practices. 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 2020

Jan	FQ 3 rd	FM 10 th	LQ 17 th	NM 24 th
Feb	FQ 1 st	FM 9 th	LQ 15 th	NM 23 rd

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