



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.

October 2019 Summary

Unstable conditions across our islands during the month of October produced partly cloudy to cloudy skies with light to moderate scattered showers, periods of rain, and thunderstorm activity. Highest 1 day totals being 41.7 and 38.1 mm occurring on the 15th and 17th respectively in October due to the passage of a few tropical waves. Here at AIA, October's **total rainfall** was 198.9 mm (~7.82inch). with ~9% of total rainfall occurring in the first dekad, ~58% in the second dekad and ~32% in the third dekad. There

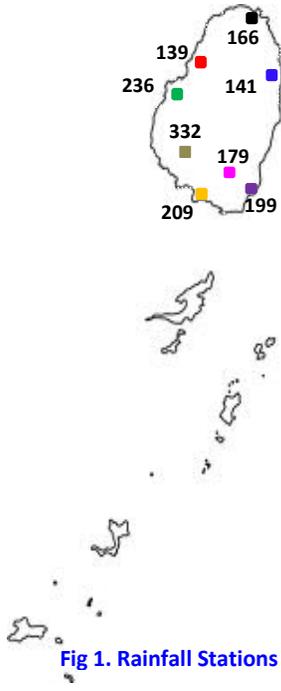


Fig 1. Rainfall Stations

were 19 rain-days at A.I.A with rainfall greater than 1 mm . There were also 12 days when rainfall was less than 1 mm. Throughout the month of October, there were 3 consecutive days where rainfall was less than 1mm, (8th - 10th). The **Highest monthly** rainfall total island-wide was 354.3 mm (~13.9inch) at the Montreal catchment area .

Table 1. October 2019 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	198.9
●	E.T Joshua-Arnos Vale	209.1
●	Belle Isle	235.7
●	Rabacca	141.4
●	Richmond	139.2
●	Rivulet Climo.	178.9
●	Dallaway	331.6

The highest maximum temperature 32.0 °C was recorded on the 1st, while the lowest temperature value of 22.9 °C was recorded on the 31st. Average maximum temperature was 30.34°C and Average minimum temperature was 25.36°C. Average daily mean temperature was 27.85°C.

The maximum wind gust of 27 knots (~50 km/h or 31 mph) was recorded on 8th October 2019.

(SeeFig2.)

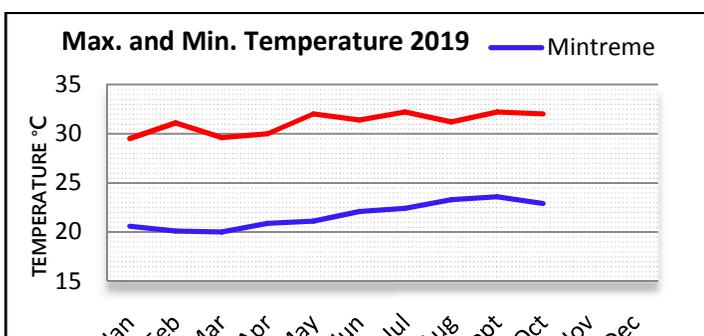


Fig2. Maximum and Minimum Temperatures recorded in 2019 at AIA

Forecast Information

National Temperature Outlook: Nov - Jan 2019 SVG:

Air Temperature: Day and night time temperatures even though they could be warmer than usual, would return to comfortable levels.

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

National Rainfall Outlook: Nov -Jan 2019 SVG:

- Below normal to normal rainfall expected in November; but no drought concerns at this time.

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

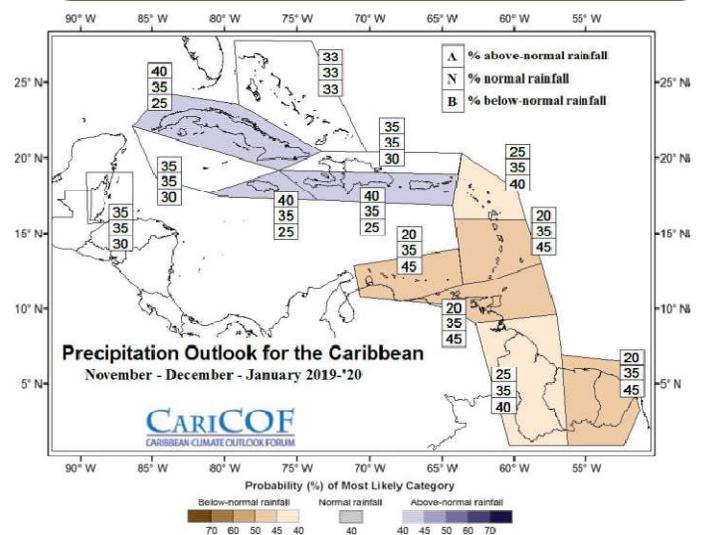


Fig 4. Regional Precipitation Outlook Nov - Jan 2019 [Read More](#)

Implications for Sectors

- Officially, the Atlantic Hurricane Season ends on November 30th. However, tropical systems can still form outside the traditional Wet/Hurricane Season. Flash-floods and landslides are still likely.
- Rainfall amounts could be reduced in the upcoming months, which could reduce the amount of water available for agriculture. Farmers should note that conservation techniques and irrigation practices may be necessary.
- While temperatures are likely to be at least warmer than usual, heat should not be a major concern as we enter the cooler period of the year.

Moon Phases 2019

Nov	FQ 4th	FM 12th	NM 26th	LQ 19th
Dec	FQ 4th	FM 12th	NM 19th	LQ 26th

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