



# SVG MONTHLY CLIMATIC BULLETIN

Volume 8

Issue 1

January 2020



**HIGHLIGHTS:** As we advance into the peak of the dry season (February to April) interest across the region should continue to closely monitor their water status as this period should experience peak in water depletion rates. 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.

## January 2020 Summary

January begins with a few isolated showers and slight haze across St. Vincent and the Grenadines. During the first week of January, low level-trough and weak unstable conditions resulted in partly cloudy to cloudy skies with period of light rain, and moderate showers. A strong high pressure system generate east north-easterly winds across our islands. A high-surf advisory and small-craft warning were in effect. At AIA, January's total rainfall was **75.8 mm** (~2.98inch), with ~65% of total rainfall occurring in the first dekad, ~24% in the second dekad and ~11% in the last eleven days.

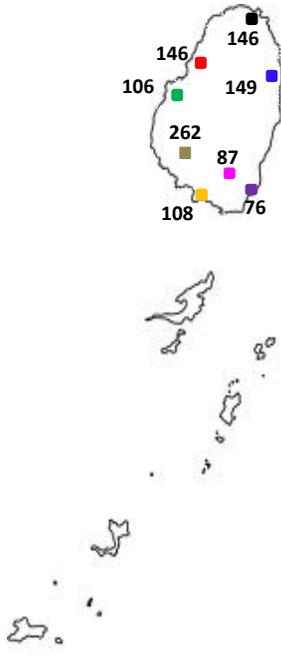


Fig 1. Rainfall

There were 16 rain-days at A.I.A with rainfall greater than 1 mm , with highest 1 day total being 15.3 occurring on the 5th. There were also 15 days when rainfall was less than 1 mm. Throughout the month of January, there were 2 periods of consecutive days where rainfall was less than 1mm, (16th - 19th) and (25th-28th).

The **Highest monthly** rainfall total island-wide was **303.2 mm** (~11.9inch) at the Hermitage area .

Table 1. January 2020 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	75.8
●	E.T Joshua-Arnos Vale	108.2
●	Belle Isle	105.6
●	Rabacca	148.9
●	Richmond	146.2
●	Rivulet Climo.	87.4
●	Dallaway	261.9

The highest maximum temperature 30.5 °C was recorded on the 30th while the lowest temperature value of 18.9 °C was recorded on the 18th. Average maximum temperature was 28.68 °C and average minimum temperature was 22.73 °C. Average daily mean temperature was 25.71 °C. The **maximum wind gust** of 33 knots (~61 km/h or 38 mph) was recorded on 11th January 2020.

## Forecast Information

### National Temperature Outlook: Feb 20 - Apr 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: Feb 20 - Apr 20 SVG:

- Near normal rainfall is likely; but no drought concerns at this time.
- The probability of a four 7-day drv spell is forecast.

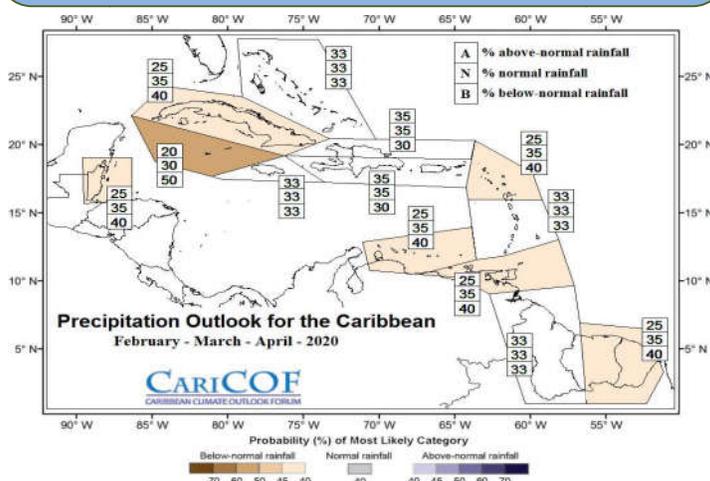


Fig 4. Regional Precipitation Outlook Feb - Apr 2020 [Read More](#)

## Implications for Sectors

### Agriculture:

- With low confidence in the rainfall forecast, in the event of below-normal rainfall, farmers should make preparation and implement plans such as conservation techniques and irrigation practices to avoid losses and low crop yield. Farmers are also advised to remain hydrated while working outdoors and provide adequate water and shading for seedlings and livestock due to the likelihood of warmer than usual temperatures.

### Water

- The Central water and Sewerage Authority (CWSA) and the general public alike should continue to monitor the water situation, repair/report damaged infrastructure to avoid wastage, and conserve water as much as possible.

## Moon Phases 2020

Moon Phases 2020				
Jan	FQ  3rd	FM  10th	LQ  17th	NM  24th
Feb	FQ  1st	FM  9th	LQ  15th	NM  23rd

**Disclaimer:** The St. Vincent and the Grenadines Meteorological Services makes no warranties, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability of the forecast or outlook contained in this document, and will NOT be liable for any actions taken in reliance thereon. The information may be used freely by the public with appropriate acknowledgement of its source, but shall not be modified in content and then presented as original material.