SVG MONTHLY CLIMATIC BULLETIN

Volume 8 Issue 8 August 2020

HIGHLIGHTS: As the hurricane/wet season progress, drought is forecast to subside across Saint Vincent and the Grenadines. We should put measures in place to reduce damages or losses in the event of a tropical storm or hurricane. 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.

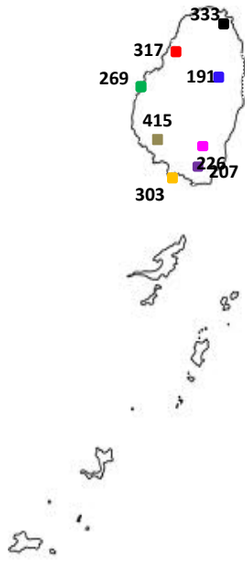

Fig 1. Rainfall Stations

August 2020 Summary

The month of August brought an increase in rainfall across the islands. At the E.T Joshua-Arnos Vale station, 303.1 mm was recorded, which was above the 30–year average (237 mm). Showers, thunderstorm activity and gusty winds during the middle of the month resulted in the issuance of weather and marine advisories. In addition, showers associated with feeder bands from Tropical Storm Laura resulted in flooding in several communities across SVG. Total rainfall for the month of August at the Argyle International Airport (A.I.A) was **207.3 mm (8.15 inches)**, with~21% occurring in the first ten days, ~50% in the second ten days and ~30% in the last ten days.

Island-wide, the highest monthly rainfall total was **462.1mm (~18.2 inches),** which was recorded at the Convent station, on the Leeward side of the island.

Table 1. August 2020 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
	Argyle Int'l - Airport	207.3
	E.T Joshua-Arnos Vale	303.1
	Belle Isle	269.3
	Rabacca	191.2
	Richmond	317.7
	Rivulet Climo.	226.9
	Dallaway	415.4

A daytime high temperature of 31.1^{o}C was recorded on the 15th, while a night time low temperature of 21.4^{o}C was recorded on the 8th. Monthly average daytime high was 30.1.^{o}C, and average night time low was 24.4^{o}C. The average daily mean temperature was 27.3^{o}C.

In addition, a maximum wind gust of 29 knots(~54km/h or 33mph) was recorded on 30th August 2020.

Forecast Information

Table 2. September–November 2020 Usual range of temperature (between lower and upper threshold values)

KeyFig1	Station-Location	Temperature (^{o}C)
	E.T Joshua-Arnos Vale	30.7-31.1

National Temperature Outlook:September - November 2020 for SVG

- **Air Temperature:** Day and night time temperatures are likely to be close to the usual or warmer.
- **Sea Surface Temperatures (SSTs)**: Sea surface temperatures will continue to be slightly above average.

Table 3 September – November 2020 Usual range of rainfall (between lower and upper threshold values)

KeyFig1	Station-Location	Rainfall (mm)
	E.T Joshua-Arnos Vale	675.4-903.8

National Rainfall Outlook: September –November 2020 for SVG

- **Rainfall** is likely to be close to the usual or above.
- **Drought** is not a concern across SVG.

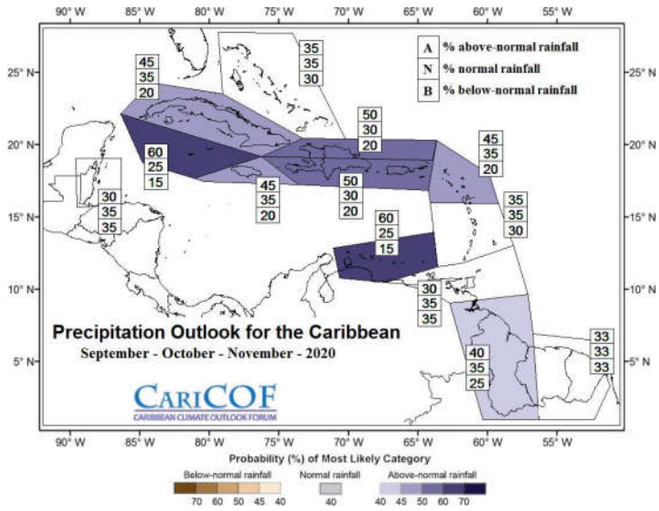

Fig 4. Regional Precipitation Outlook September -November 2020

Implications for Sectors

Water

- As the rains come in and drought subsides, water resources should be monitored and management plans updated so as to prevent overflows and continually provide residents with adequate quantities and quality of water.

Agriculture

- Farmers should continue to pay attention to soil moisture and employ irrigation practices as necessary. High humidity and temperatures could result in heat stress in plants and animals, therefore farmers should take the necessary measure to prevent loss.

Health

- High humidity and an increase in rainfall will continue fostering mosquitoes proliferation. Therefore, public awareness campaigns to prevent the spread of dengue should be administered.

Moon Phases 2020				
Sep.	FQ 23rd	FM 2 nd	LQ 10th	NM 17th
Oct.	FQ 23rd	FM 1 st	LQ 9th	NM 16th