



HIGHLIGHTS: The hurricane season nears to a close but it is still not over. Continue to be prepared. 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.

September 2021 Summary

The month of September was dominated by the passage of a few weather systems which resulted in cloudy to overcast skies, pockets of moderate to heavy showers, periods of light rain and thunderstorms across St. Vincent and the Grenadines. Total rainfall for the month of September 2021 at the Argyle International Airport (A.I.A) was 198.9 mm (7.83 inches), with ~15% occurring in the first ten days ~6% in the second ten days and ~81% in the last ten days. There were 17 rain-days (rainfall greater than 1 mm).

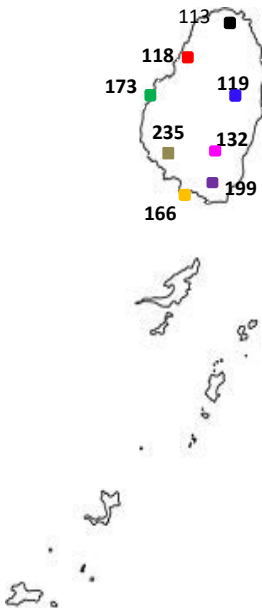


Fig 1. Rainfall Stations

There were 3 periods of consecutive days where rainfall was less than 1 mm, (5th -8th), (13th-20th) and (22nd - 25th).Island-wide, the highest monthly rainfall total was 235.0mm (~9.3 inches), which was recorded at the Hermitage station.

Table 1. September, 2021 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	198.9
●	E.T Joshua-Arnos Vale	165.9
●	Belle Isle	172.5
●	Rabacca	118.8
●	Richmond	117.9
●	Rivulet Climo.	132.2
●	Dallaway	235.0

The highest maximum temperature 33.0°C was recorded on the 25th, while the lowest minimum temperature value of 21.5 °C was recorded on the 3rd. Average maximum temperature was 31.2°C and Average minimum temperature was 24.5°C. Average daily mean temperature was 27.8 °C. The maximum wind gust of 29 knots (~53 km/h or 33 mph) was recorded on the 3rd September 2021.

Forecast Information

Table 2. October–December2021Usual range of temperature (between lower and upper threshold values)

KeyFig1	Station-Location	Temperature (°C)
●	E.T Joshua-Arnos Vale	30.3-30.6

National Temperature Outlook: October-December 2021 for SVG

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

Table 3 October– December, 2021 Usual range of rainfall (between lower and upper threshold values)

KeyFig1	Station-Location	Rainfall (mm)
●	E.T Joshua-Arnos Vale	641.1-772.7

National Rainfall Outlook: October- December 2021 for SVG

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

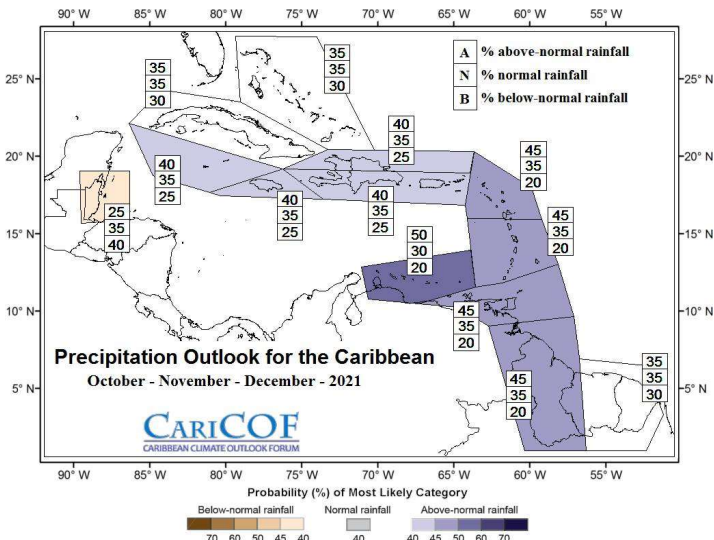


Fig 4. Regional Precipitation Outlook Oct-Nov-Dec 2021

Advisory Statements

Water: The availability of water may be disrupted during the passage of weather systems therefore; residents should store adequate quantities of water for drinking and sanitation purposes.

Agriculture: High temperatures and humidity could result in heat stress in plants and animals; therefore, farmers should take the necessary measure to prevent losses. Farmers should continue to pay attention to weather bulletins in order to secure their equipment, crops and livestock. Consideration should be given to the type of crops planted due to the possibility of heavy rains.

Health: The presence of stagnant water after rainfall may promote the breeding of mosquitoes; therefore, anti-mosquito fogging operation and public awareness campaigns should continue. There is usually an increase in Saharan dust haze during this time of the year which affects people who suffer from respiratory illnesses. Health officials should also be aware of warmer than usual day and night time temperatures.

Moon Phases 2021

Oct.	LQ 28th	NM 6th	FQ 12th	FM 20th
Nov.	LQ 27th	NM 4th	FQ 11th	FM 19th

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