



HIGHLIGHTS: As we approach the peak of the 2021 Atlantic hurricane season (June to November) interest across the island should continue to 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.

July 2021 Summary

The highlight for the month of July was Hurricane Elsa which made landfall over the northern section of mainland St. Vincent on July 2nd. Hurricane-forced winds along with heavy showers and thunderstorms resulted in damage to homes as well as flooding and landslides islandwide. A few tropical waves also resulted in showers and thunderstorm activity. Saharan dust haze also affected the islands for a number of days, resulting in very poor visibility/air quality. Total rainfall for the month of July 2021 at the Argyle International Airport (A.I.A)

was 122.8 mm (4.8 inches), with ~38% occurring in the first dekad, ~17% in the second dekad and ~45% in the last 11 days. There were 15 dry-days (rainfall less than 1 mm) and 16 rain-days (rainfall greater than 1 mm). There was one day where rainfall was over an inch, 34.5 mm on the 2nd. Island-wide, the highest monthly rainfall total was 368.0mm (~14.4 inches), which was recorded at the Hermitage station.

Fig 1. Rainfall Stations

Table 1. June, 2021 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
	Argyle Int'l - Airport	122.8
	E.T Joshua-Arnos Vale	136.6
	Belle Isle	174.0
	Rabacca	127.6
	Richmond	245.9
	Rivulet Climo.	114.7
	Dallaway	360.4

The highest maximum temperature 31.0°C was recorded on the 25th, while the lowest minimum temperature value of 22.0°C was recorded on the 1st and 28th. Average maximum temperature was 29.6°C and average minimum temperature was 23.8°C.

The maximum wind gust of 30 knots (~56 km/h or 35 mph) was recorded on the 8th July 2021.

Forecast Information

Table 2. August–October 2021 Usual range of temperature (between lower and upper threshold values)

KeyFig1	Station-Location	Temperature (°C)
	E.T Joshua-Arnos Vale	29.3-29.5

National Temperature Outlook: August-October 2021 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 near average.

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

KeyFig1	Station-Location	Rainfall (mm)
	E.T Joshua-Arnos Vale	680.4-816.5

National Rainfall Outlook: August-October 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.

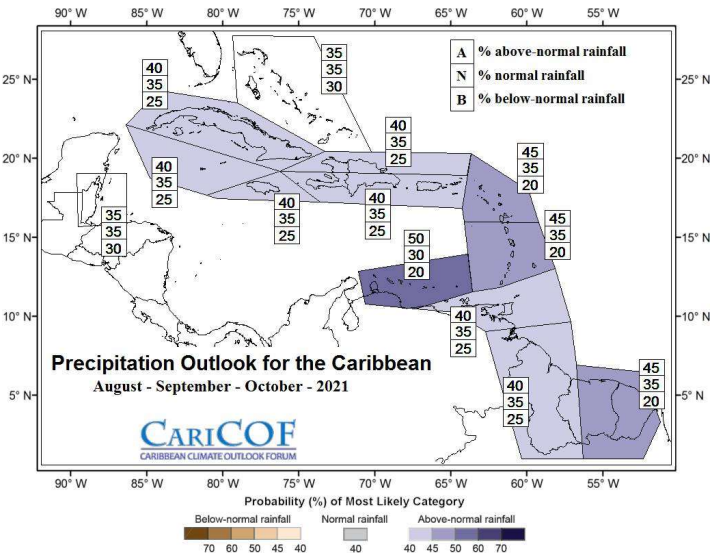


Fig 4. Regional Precipitation Outlook August-October 2021

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

- 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

- In light of the COVID-19 pandemic, the water situation should be monitored. Conversely, 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.

Moon Phases 2021				
Sept.	LQ 28th	NM 6th	FQ 13th	FM 20th
Oct.	LQ 28th	NM 6th	FQ 12th	FM 20th

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