



HIGHLIGHTS: As we approach the peak months of the 2023 Atlantic Hurricane Season, it is expected that there would be an increase in the number of tropical weather systems giving rise to more showers, thunderstorms and gusty winds resulting in flash-flooding and landslides, especially in vulnerable areas already damaged from previous weather activity. 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.

July 2023 Summary

Several tropical waves affecting the islands remained the trending feature during the month of July, bringing occasional moderate to heavy showers, thunderstorms and gusty winds resulting in flooding and landslides across the island chain. Saharan dust haze was also present throughout the month in varying concentrations, impacting visibility on the days when it was the most prevalent. Seas were generally slight to moderate with swells ranging from 0.5m up to 2.5m. The total rainfall for the month of **July** at the **Argyle International Airport (A.I.A)** was 203.7 mm (~8.01 inches). Island-wide, the highest monthly rainfall total was 354.0 mm (~13.9 inches) recorded at the Majorca Station in Montreal.

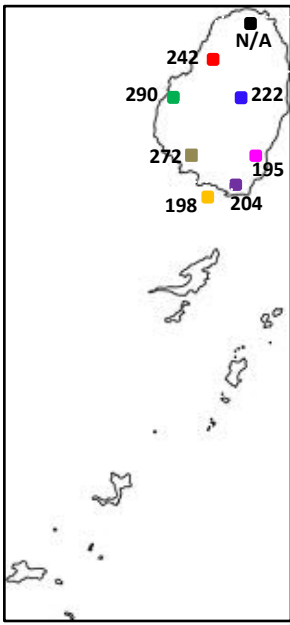
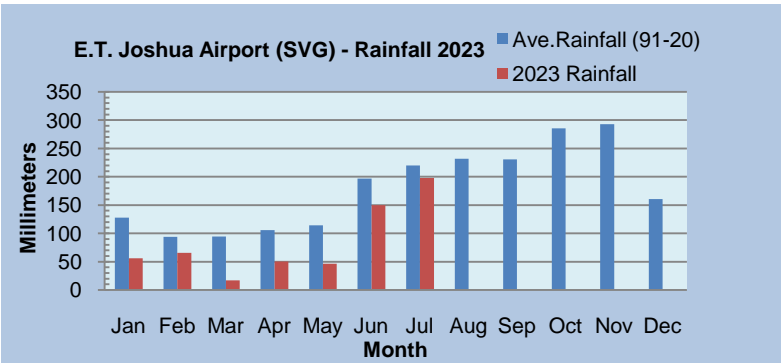


Fig 1: Rainfall Stations

KeyFig1	Station-Location	Rainfall (mm)
●	Argyle Int'l - Airport	203.7
●	E.T Joshua-Arnos Vale	197.9
●	Belle Isle	289.7
●	Rabacca	221.9
●	Richmond	242.0
●	Rivulet Climo.	194.8
●	Dallaway	272.4
●	Owia	N/A



Tables 1&2: July, 2023: Rainfall across SVG.

The **highest maximum temperature**, 31.4°C was recorded on the 19th, while the **lowest minimum temperature** value of 20.6°C was recorded on the 24th. The **average maximum temperature** was 30.4 °C and **average minimum temperature** was 23.3 °C. **Average daily mean temperature** was 26.9°C.

The **maximum wind gust** for July is currently unavailable.

Forecast Information

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

Table 3: August-September-October 2023 usual range of temperature (between lower and upper threshold values)

National Temperature Outlook: Aug-Sept-Oct. 2023 for SVG

- **Air Temperature:** Day and night time temperatures are predicted to be above the usual. Frequent and possibly intense episodes of heat stress likely during August to October.
- **Sea Surface Temperatures (SSTs):** Sea surface temperatures are above average in the Caribbean Sea and the Tropical North Atlantic.

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

Table 4: August-September-October, 2023 usual range of rainfall (between lower and upper threshold values)

National Rainfall Outlook: Aug-Sept-Oct 2023 for SVG

- **Rainfall** is likely to be close to the usual or above
- **Drought** is not expected across SVG during the next few months.

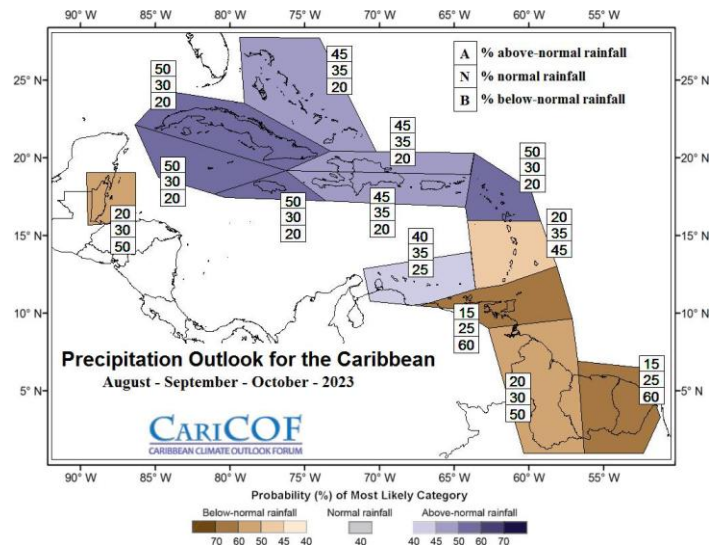


Fig 5: Regional Precipitation Outlook for August-Sept-Oct 2023.

Advisory Statements

Water: As we are in the traditional peak period of wet/hurricane season, the availability of water may be disrupted during the passage of weather systems. Residents are strongly advised to store adequate quantities of water for drinking and sanitation purposes.

Health: Due to the a forecast of warmer than usual day and night time temperatures with the possibility of episodes of excessive heat during the upcoming months, the general public is advised to remain hydrated during warm day and limit outdoor activities especially if vulnerable. Be aware of the frequency of Saharan dust episodes during this period as it can pose respiratory concerns. Anti-mosquito fogging operations should continue as the presence of stagnant water after rainfall may promote the breeding of mosquitoes.

Agriculture: Farmers should pay attention to weather bulletins and secure their equipment, crops and livestock as necessary. During warm days, farmers should remain hydrated while working outdoors and provide adequate water and shading for seedlings and livestock.

Tourism: During the peak period of the hurricane/wet season, outdoor activities may be frequently disrupted at times due to an increase in rainfall activity. During warm days, visitors should remain hydrated and be mindful to minimise skin exposure and wear sunscreen protection. Hoteliers and property owners are likely to see an increase in their electricity bill since their guests are likely to use air conditioners for extensive periods.

Moon Phases 2023				
Aug	LQ 8 th	NM 16 th	FQ 24 th	FM 1 st
Sept	LQ 6 th	NM 15 th	FQ 22 nd	FM 29 th

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