



HIGHLIGHTS: As we continue into the hurricane season – Be Prepared! View various bulletins and outlooks 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 2024 Summary

On July 1st 2024, St. Vincent and the Grenadines experienced major hurricane Beryl (cat 4) which mainly impacted the Southern Grenadine Islands with sustained winds of 150 mph. There was wide spread crop devastation, loss of lives and properties.

In addition, Saharan dust in various concentration created haziness at times reducing visibility and air quality.

The total rainfall for the month of **July** at the **Argyle International Airport (A.I.A)** was 242.2 mm (~9.54 inches).

Island-wide, the highest monthly rainfall total was 445.9 mm (~17.55 inches) recorded at the **Montreal Station**.

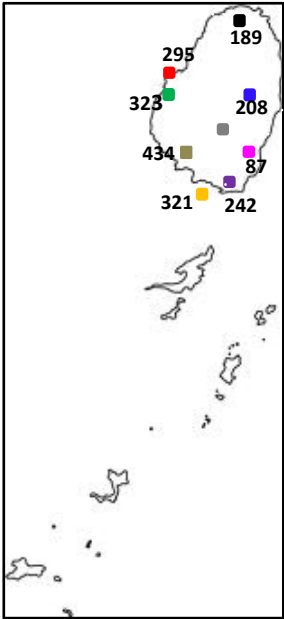
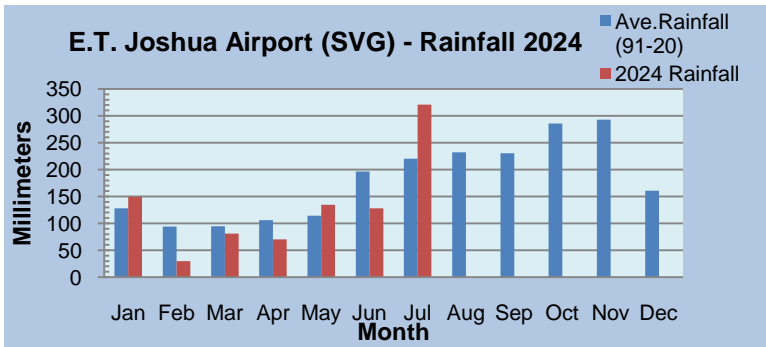


Fig 1: Rainfall Stations

KeyFig1	Station-Location	Rainfall (mm)
●	Argyle Int'l - Airport	242.2
●	E.T Joshua-Arnos Vale	320.9
●	Belle Isle	323.1
●	Rabacca	207.9
●	Belmont Agri.	295.2
●	Rivulet Climo.	204.0
●	Dallaway	433.7
●	Owia	188.6
●	Dumbarton	243.6



Tables 1&2: July, 2024: Rainfall across SVG.

The **highest maximum temperature**, 31.3^oC, was recorded on the 31st; the **lowest minimum temperature** was 20.0^oC, recorded on the 10th. The **Average maximum temperature** was 30.8^oC and **Average minimum temperature** was 23.0^oC. **Average daily mean temperature** was 26.9^oC.

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

Forecast Information

KeyFig1	Station-Location	Temperature (°C)
●	E.T Joshua-Arnos Vale	30.8-31.3

Table 3: Aug-Sept-Oct 2024 usual range of temperature (between lower and upper threshold values)

- National Temperature Outlook: Aug -Sept -Oct2024 for SVG**
- Air Temperature: Day and night time temperatures are predicted to be above the usual. Episodes of heat stress and high humidity.
 - Sea Surface Temperatures (SSTs): Record warm sea surface temperatures in the Caribbean Sea and the Tropical North Atlantic.

KeyFig1	Station-Location	Rainfall (mm)
●	E.T Joshua-Arnos Vale	657.8-799.4

Table 4: Aug –Sept-Oct 2024 usual range of rainfall (between lower and upper threshold values) .

National Rainfall Outlook: Aug-Sept-Oct 2024 for SVG

- Rainfall is likely to be more than the usual.
- Drought should no longer be a concern across SVG.

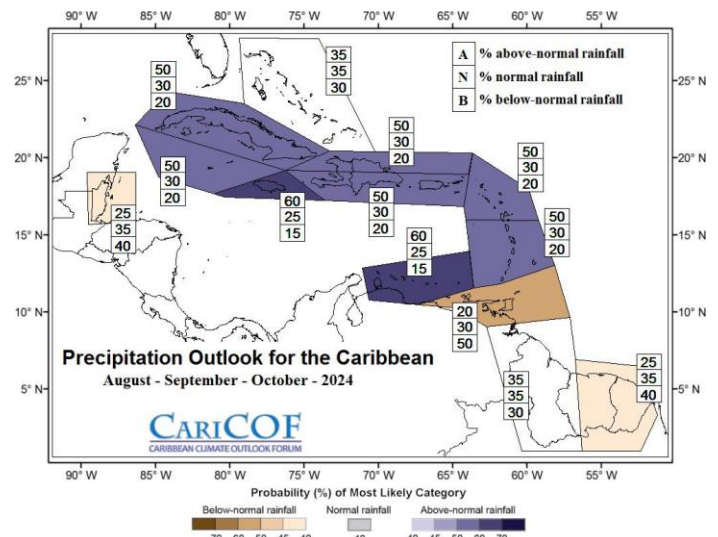


Fig 5: Regional Precipitation Outlook for Aug-Sept-Oct 2024

Advisory Statements

Water: With the onset of rainfall, reservoirs can be filled. However, heavy rainfall can cause water contamination, therefore, conservation measures should continue to be encouraged..

Health: Due to the 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. Saharan dust episodes could become frequent, therefore attention should be placed on monitoring and updates to reduce the risk of exacerbations of respiratory illness in susceptible persons. Anti-mosquito fogging operations should continue as the presence of stagnant water after rainfall may promote the breeding of mosquitoes.

Agriculture: Sudden downpours can cause land slippage and measures should be put in place. Irrigation measures should be practice as there could be periods of little to no rainfall. Stay hydrated while working outdoors and provide adequate water and shading for seedlings and livestock during warm days.

Tourism: Visitors are advised to be aware that rainfall may disrupt outdoor activity. Stay hydrated as it is forecast to be warmer than usual. Avoid the frequent rough sea swells during this time of the year. Hoteliers should also continue to practice water conservation.

Moon Phases 2024				
Aug	LQ 26 th	NM 04 th	FQ 12 th	FM 19 th
Sept	LQ 24 th	NM 02 nd	FQ 11 th	FM 17 th

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.