



**HIGHLIGHTS:** The 2023 Atlantic Hurricane Season officially starts on June 1<sup>st</sup>. As we approach the end of the dry season, and transition into the wet season please note that prolonged dryness and the onset of showers can cause landslides especially in areas already vulnerable. 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.

### April 2023 Summary

Although the month of April was relatively dry, there was an isolated rainfall event on April 23<sup>rd</sup>. Available moisture at low levels, warm temperatures and a light wind regime were favourable conditions to generate heavy showers which resulted in flooding and landslides across some areas of the eastern coast of mainland St. Vincent. Additionally, due to limited rainfall across other areas of the islands, the CWSA initiated water rationing protocols in areas that were significantly affected. The total rainfall for the month of April at the Argyle International Airport (A.I.A) was 86.8 mm (3.41 inches). Island-wide, the highest monthly rainfall total was 317.9 mm (~12.5 inches) recorded at the Biabou (L.A.P.S) Station.

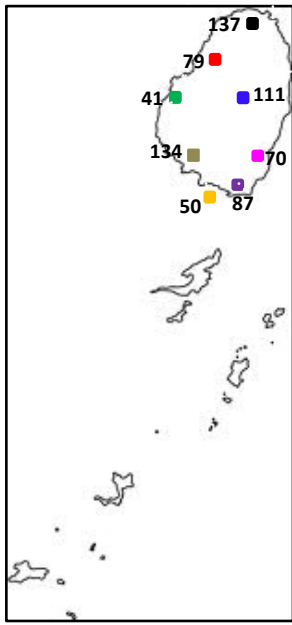


Fig 1: Rainfall Stations

KeyFig1	Station-Location	Rainfall (mm)
●	Argyle Int'l - Airport	86.8
●	E.T Joshua-Arnos Vale	50.3
●	Belle Isle	40.6
●	Rabacca	110.6
●	Richmond	79.1
●	Rivulet Climo.	69.8
●	Dallaway	133.9
●	Owia	137.2

KeyFig1	Station-Location	Rainfall (mm)
●	E.T Joshua-Arnos Vale	221.36-355.03

Table 4: May-June-July, 2023 usual range of rainfall (between lower and upper threshold values)

### National Rainfall Outlook: May-June-July 2023 for SVG

- Rainfall forecast indicates little information on expected probabilities
- Drought conditions are forecast to remain across SVG during the upcoming months

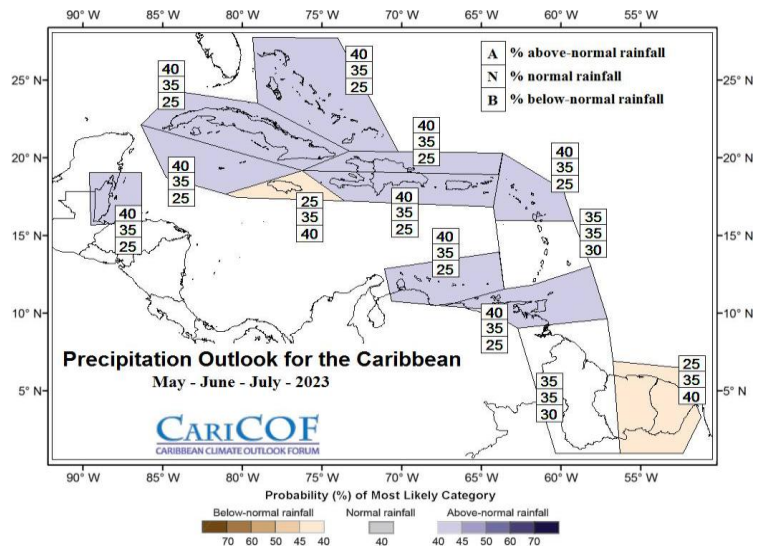


Fig 5: Regional Precipitation Outlook May-June-July 2023

### Advisory Statements

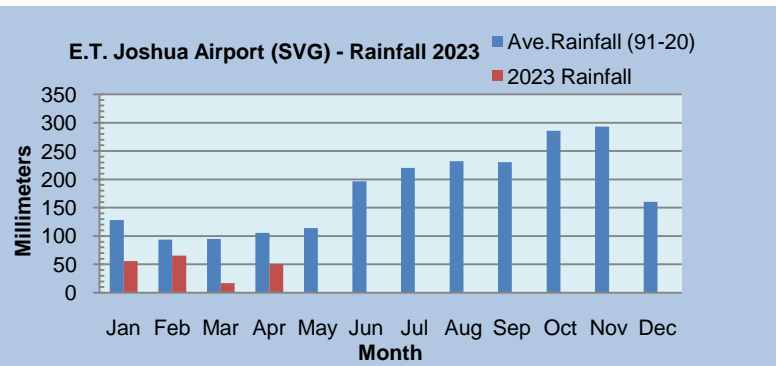
**Water:** The Central Water and Sewerage Authority (CWSA) has had to ration water in some areas due to ongoing drought conditions. The public should ensure that adequate quantities of water are stored for use during times of disruption. Strict conservation measures should also be observed.

**Agriculture:** With ongoing drought and little information with respect to rainfall, the agriculture sector should continue to implement plans to avoid losses and low crop yield. Planting more resilient crops during this period should be considered. Farmers are also advised to remain hydrated while working outdoors and provide adequate water and shading for seedlings and livestock during warm days

**Health:** The availability of water is critical to support prevention strategies to combat the COVID-19 pandemic. Special attention should be paid by communities impacted by water disruption resulting from lack of rainfall. With increasing dryness and winds speeds during this period, there will be a higher concentrations of airborne particulate which could result in an increase in respiratory illnesses. The general public is also advised to remain hydrated during warm days.

**Tourism:** With less rainfall activity expected during the Dry Season, visitors can enjoy more outdoors activities. However, visitors are advised to be aware of the frequent rough sea swells during this time of the year. Hoteliers should also be mindful of the ongoing situation of lack of rainfall in some areas and plan for any eventuality.

Moon Phases 2023				
May	LQ 12 <sup>th</sup>	NM 20 <sup>th</sup>	FQ 27 <sup>th</sup>	FM 5 <sup>th</sup>
June	LQ 10 <sup>th</sup>	NM 18 <sup>th</sup>	FQ 26 <sup>th</sup>	FM 3 <sup>rd</sup>



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

The highest maximum temperature, 31.9°C was recorded on the 28<sup>th</sup>, while the lowest minimum temperature value of 19.8°C was recorded on the 1<sup>st</sup>. The average maximum temperature was 30.5 °C and average minimum temperature was 22.2 °C. Average daily mean temperature was 26.3 °C. The maximum wind gust of 25 knots (~46 km/h or 29 mph) was recorded on the 2<sup>nd</sup> April, 2023.

### Forecast Information

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

Table 3: May-June-July 2023 usual range of temperature (between lower and upper threshold values)

### National Temperature Outlook: May-June-July 2023 for SVG

- Air Temperature: Day and night time temperatures are likely to be close to the usual or above.
- Sea Surface Temperatures (SSTs): Sea surface temperatures are near average in the Caribbean Sea and the Tropical North Atlantic.

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