



SVG MONTHLY CLIMATIC BULLETIN

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HIGHLIGHTS: Dry conditions resulted in water rationing across Saint Vincent and the Grenadines (SVG). 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. As we approach the beginning of the hurricane season -Be prepared! We should put measures in place to reduce damages or losses in the event of a tropical storm or hurricane.

April 2020 Summary

Fair to occasionally cloudy skies were observed across Saint Vincent and the Grenadines for the month of April. Weak instability resulted in a few light to moderate showers, bringing temporary relief from the dry, hot days and nights. Total monthly recorded rainfall at the Argyle International Airport (A.I.A) was **39.0 mm (1.53 inches)**. There were 11 rain days, i.e., rainfall total being greater than 1.0 mm, and 19 dry days, i.e., rainfall total being less than 1.0mm, 11 of which were consecutive days (2nd-12th). Island-wide, the highest monthly rainfall total was **218.3 mm (~8.59inches)**, and was recorded at the Montreal Station.

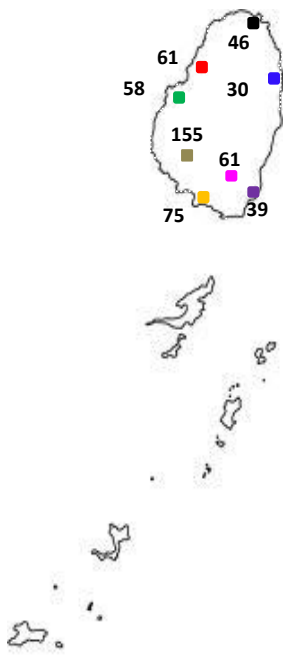


Fig 1. Rainfall Stations

In addition, Saharan dust intrusion reduced visibility on occasions and there were few instances where advisories were issued due to increasing swell heights.

Table 1. April 2020 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	39.0
●	E.T Joshua-Arnos Vale	74.8
●	Belle Isle	57.6
●	Rabacca	29.6
●	Richmond	60.9
●	Rivulet Climo.	61.3
●	Dallaway	155.4

A daytime high temperature of 31.8°C was recorded on the 3rd, while a nighttime low temperature of 20.9°C was recorded on the 28th. Monthly average daytime high was 29.8°C, and average nighttime low was 23.5°C. The average daily mean temperature was 25.7°C.

Breezy conditions moved across the island chain, and the maximum wind gust of 25 knots (46 km/h or 29 mph) was recorded on 26th April 2020.

Forecast Information

Table 2. May –July 2020 Usual range of temperature (between lower and upper threshold values)

KeyFig1	Station-Location	Temperature (°C)
●	E.T Joshua-Arnos Vale	30.4-30.9

National Temperature Outlook: May–July 2020 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 slightly above average.

Table 3. May –July 2020 Usual range of rainfall (between lower and upper threshold values)

KeyFig1	Station-Location	Rainfall (mm)
●	E.T Joshua-Arnos Vale	471-580

National Rainfall Outlook: May–July 2020 for SVG

- **Rainfall** is likely to be close to the usual or less.
- **Drought concerns** are expected to progressively decrease and likely subside by the end of July across SVG.

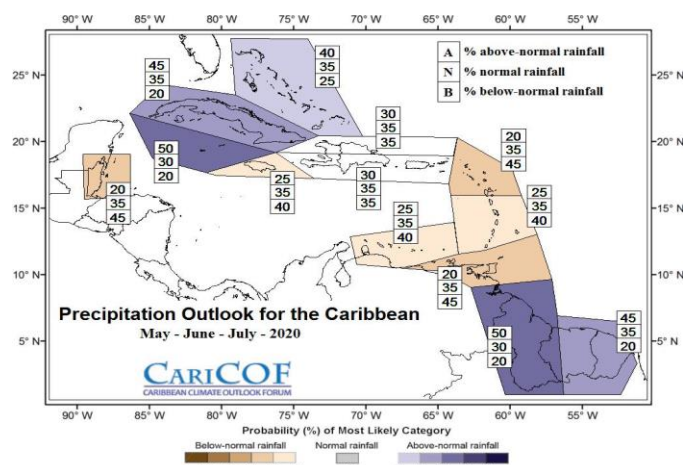


Fig 4. Regional Precipitation Outlook May - July 2020 [Read More](#)

Implications for Sectors

Water

- As we come to the end of an impactful dry season and approach the hurricane/wet season, frequent heavy showers on dry soil can lead to soil deposition into rivers and streams, therefore the Central Water and Sewerage Authority (CWSA) should continue to monitor the quality of water across SVG. In addition, although there are no short-term drought concerns, CWSA should continue to manage water availability. In light of COVID-19, the quality and the availability of water is necessary for hand hygiene. Strict conservation measures should also be observed.

Agriculture

- Temperatures continue to be close to the usual or warmer; to enhance food security, farmers should continue to carry out water conservation techniques and irrigation practices. Planting more resilient crops during this period should be considered. Farmers are also advised to take the necessary precautionary measures during dry and hot days.

Moon Phases 2020

Month	Phase	Date	Phase	Date	Phase	Date	
Apr	FQ	1 st	FM	7 th	LQ	14 th	
					NM	22 nd	
	May	FQ	29 th	FM	7 th	LQ	14 th
						NM	22 nd

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