



SVG MONTHLY CLIMATIC BULLETIN

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HIGHLIGHTS: It's the beginning of the hurricane season -Be prepared! As the hurricane/wet season progress, drought is forecast to progressively decrease across Saint Vincent and the Grenadines. We should 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.

May 2020 Summary

The month of May was mostly warm and dry. On occasions, weather conditions became cloudy and breezy with a few shallow showers. In addition, visibility was reduced due to Saharan dust intrusion. Total rainfall for the month of May 2020 at the Argyle International Airport (A.I.A) was **22.6 mm (0.89 inches)**, with ~7% occurring in the first ten day, ~7% in the second ten days and ~86% in the last eleven days. There were 3 rain-days (rainfall greater than 1 mm) with the highest 1 day total being 17.3 mm on the 29th.

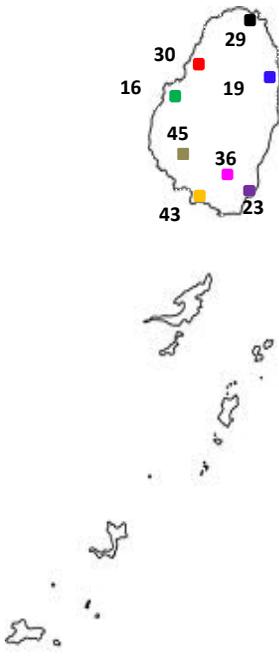


Fig 1. Rainfall Stations

Throughout the month of May, there were 28 dry-days (rainfall less than 1 mm), which included two consecutive periods - 14 consecutive days (1st - 14th) and 8 consecutive days (16th-23rd).

Island- wide, the highest monthly rainfall total was **69.6 mm (~2.75 inches)**, and was recorded at the Hermitage station.

Table 1. April 2020 Rainfall across SVG

| KeyFig1 | Station-Location | Rainfall (mm) |
|---------|------------------------|---------------|
| ■ | Argyle Int'l - Airport | 22.6 |
| ● | E.T Joshua-Arnos Vale | 43.2 |
| ● | Belle Isle | 15.9 |
| ● | Rabacca | 19.2 |
| ● | Richmond | 30.0 |
| ● | Rivulet Climo. | 35.5 |
| ● | Dallaway | 45.3 |

A day time high temperature of 32.0°C was recorded on the 27th, while a night time low temperature of 23.0°C was recorded on the 9th. Monthly average day time high was 30.3°C, and average night time low was 24.8°C. The average daily mean temperature was 27.5°C.

Breezy conditions moved across the island chain, and the maximum wind gust of 22 knots (~41 km/h or 25 mph) was recorded on 16th May 2020.

Forecast Information

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

| KeyFig1 | Station-Location | Temperature (°C) |
|---------|-----------------------|------------------|
| ● | E.T Joshua-Arnos Vale | 30.6-30.9 |

National Temperature Outlook: June- August 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. June –August 2020 Usual range of rainfall (between lower and upper threshold values)

| KeyFig1 | Station-Location | Rainfall (mm) |
|---------|-----------------------|---------------|
| ● | E.T Joshua-Arnos Vale | 597.5-673.3 |

National Rainfall Outlook: June–August 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 August across SVG.

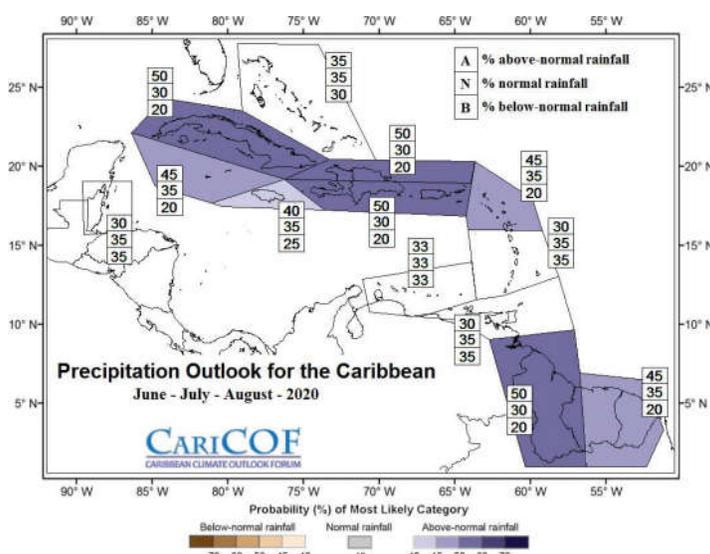


Fig 4. Regional Precipitation Outlook June - August 2020 [Read More](#)

Implications for Sectors

Water

- As we begin 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. CWSA should continue to manage water availability as drought slowly eases. 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 | | | | |
|------------------|-----------------------|----------------------|-----------------------|-----------------------|
| May | FQ 🌑 29 th | FM 🌒 7 th | LQ 🌓 14 th | NM 🌔 22 nd |
| June | FQ 🌑 28 th | FM 🌒 5 th | LQ 🌓 13 th | NM 🌔 21 st |

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