



HIGHLIGHTS: The hurricane season nears to a close but it is still not over. 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.

October 2021 Summary

Unstable conditions were dominant across our islands during the month of October and resulted in occasional cloudy skies with light to moderate showers. Slight to moderate Sharan dust haze also lingers across our area causing reduction in visibility. Total rainfall for the month of October 2021 at the Argyle International Airport (A.I.A) was 197.7 mm (7.77 inches), with ~64% occurring in the first ten days ~30% in the second ten days and ~6% in the last eleven days. There were 17 rain-days (rainfall greater than 1 mm).

Fig 1. Rainfall Stations

There were 2 periods of consecutive days where rainfall was less than 1 mm, (13th -17th) and (23rd – 27th). Island-wide, the highest monthly rainfall total was 417.9 mm (~16.5 inches), which was recorded at the Hermitage station.

Table 1. October, 2021 Rainfall across SVG

| KeyFig1 | Station-Location | Rainfall (mm) |
|---------|------------------------|---------------|
| ■ | Argyle Int'l - Airport | 197.7 |
| ● | E.T Joshua-Arnos Vale | 191.5 |
| ● | Belle Isle | 256.9 |
| ● | Rabacca | 119.1 |
| ● | Richmond | 180.0 |
| ● | Rivulet Climo. | 193.7 |
| ● | Dallaway | 381.5 |

The highest maximum temperature 32.3°C was recorded on the 16th, the lowest minimum temperature value of 21.4°C was recorded on the 9th. Average maximum temperature was 30.5°C and average minimum temperature was 24.1°C. Average daily mean temperature was 27.3 °C. The maximum wind gust of 32 knots (~59 km/h or 37 mph) was recorded on the 8th October 2021.

Forecast Information

ble 2. November–January 2022 Usual range of temperature (between lower and upper threshold values)

| KeyFig1 | Station-Location | Temperature (°C) |
|---------|-----------------------|-------------------|
| ● | E.T Joshua-Arnos Vale | 29.7-30.0 |

National Temperature Outlook: November-January 2022 for SVG

- Air Temperature:** Day and night time temperatures are likely to be comfortably cool during this period
- Sea Surface Temperatures (SSTs):** Sea surface temperatures will continue to be above average.

Table 3 November- January 2022 Usual range of rainfall (between lower and upper threshold values)

| KeyFig1 | Station-Location | Rainfall (mm) |
|---------|-----------------------|---------------|
| ● | E.T Joshua-Arnos Vale | 487.9-627.5 |

National Rainfall Outlook: November – January 2022 for SVG

- **Rainfall** is likely to be close to the usual or above
- **Drought** is not expected to be a concern at this time across SVG.

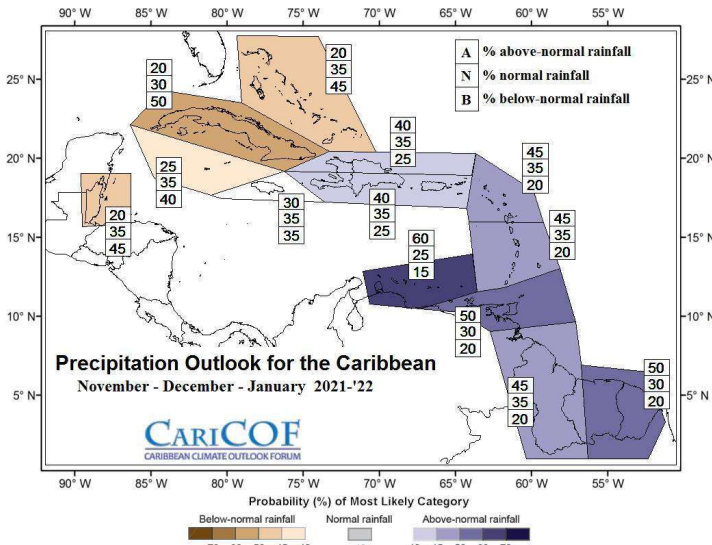


Fig 4. Regional Precipitation Outlook Nov-Dec 2021-Jan2022

Advisory Statements

Water: A rainfall outlook of close to usual or above is good news for the water sector. Notwithstanding this, the Central Water and Sewerage Authority (CWSA) should continue to monitor the water situation and urge the public to conserve water. All pipe leaks should be reported and repaired immediately to avoid wastage

Agriculture: As SVG transition to dry season, the possibility of dry spells increases. To ensure food security, farmers are strongly advised to make preparations to employ conservation and irrigation practices

Health: Due to the ongoing COVID-19 pandemic, water availability should be monitored as it is critical for purpose of sanitization. Conversely, the presence of stagnant water after rainfall may promote the breeding of mosquitoes. Anti-mosquito fogging operation and public awareness campaigns should continue.

| Moon Phases 2021 | | | | |
|------------------|---------|--------|---------|---------|
| Nov. | LQ 27th | NM 4th | FQ 11th | FM 19th |
| Dec. | LQ 27th | NM 4th | FQ 11th | FM 19th |

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