



SVG MONTHLY CLIMATIC BULLETIN

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HIGHLIGHTS: The Atlantic and Caribbean Basin's Hurricane season runs from June to November. •Models indicate neutral ENSO (El Niño Southern Oscillation) conditions have returned... NOAA's updated predictions suggests *above-normal season* as El Niño has ended. NOAA now expecting 10 -17 named storms, 5- 9 of which expected to become hurricanes. 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 2019 Summary

July started off relatively stable, however, this was short lived as mixed conditions began to affect the islands. Scattered showers, periods of rain along brisk winds, and thunderstorms were observed on the 4 and 14 July as the result of a passing tropical wave. toward the end of the 2nd week, mostly warm and dry conditions prevailed along with patches of Saharan dust. There was a **7-day dry-spell** from 16 to 22 July, but unstable conditions returned during the last few days of the month as another tropical wave moved over the islands.

Here at **AIA**, July's **total rainfall** was 174.0 mm (~6.8in.). The **highest 1-day** rainfall total at this same station was 26.0 mm (~1.02in) on the 28th. Many areas across SVG continued to record high rainfall values, with stations recording rainfall of amounts greater than 100mm (see table 1.). The **Highest monthly** rainfall total island-wide was 562.1 mm in the Layou area on the Leeward side of mainland St. Vincent.

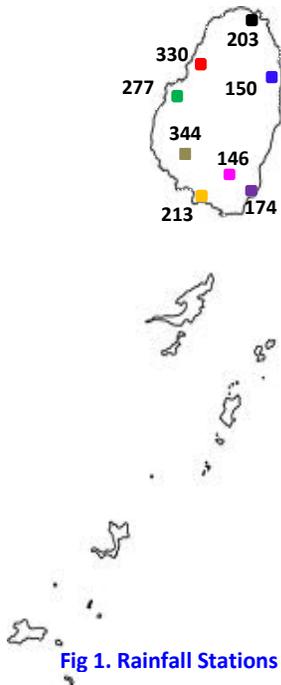


Fig 1. Rainfall Stations

Table 1. July 2019 Rainfall across SVG

KeyFig1	Station-Location	Rainfall (mm)
■	Argyle Int'l - Airport	174.0
●	E.T Joshua-Arnos Vale	212.6
●	Belle Isle	276.5
●	Rabacca	150.1
●	Richmond	330.3
●	Rivulet Climo.	146.1
●	Dallaway	343.6

July's highest maximum temperatures peaked at 32.2°C, while minimum temperatures were recorded as 22.4°C.

Temperatures appeared to be warmer than previous months at the AIA station. At the start of the year temperatures were on the rise but dipping in March. By the 2nd quarter temperatures began steadily rising here at AIA. (see Fig2.)

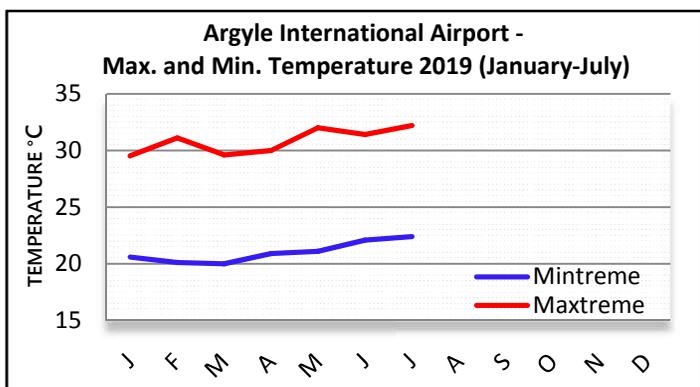


Fig2. Maximum and Minimum Temperatures recorded in 2019 at AIA

National Temperature Outlook: Aug - Oct 2019 SVG:

Air Temperature: Day and night time temperatures likely to continue being warmer than usual

Sea Surface Temperatures (SSTs): near average to slightly above average SST expected.

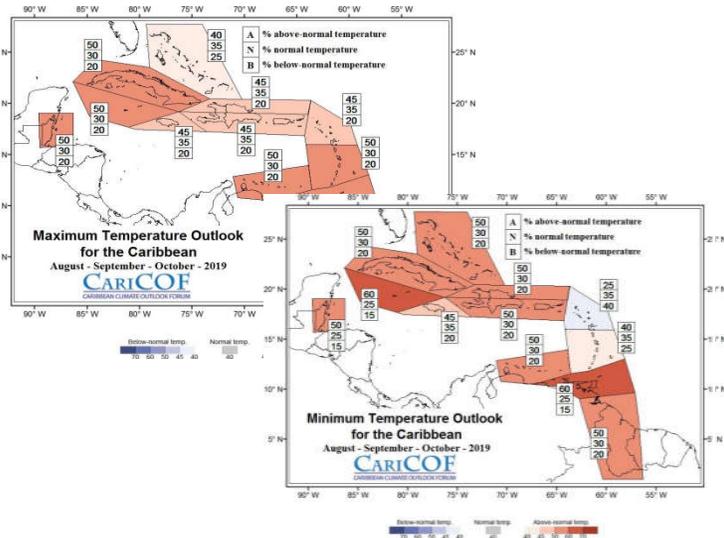


Fig 3. Regional Max. and Min. Temp Outlook Aug - Oct 2019 [Read More](#)

With forecasts for above normal day and night-time temperatures; there is a possibility for heat stress in human and livestock. Cooling, shading, hydration and irrigation may increase.

National Rainfall Outlook: Aug - Oct 2019 SVG:

• Below normal rainfall expected in August; but no drought concerns at this time

• Slow increase in wet-spells and wet-days. Increased chance of extreme wet spells occur between Aug- Oct

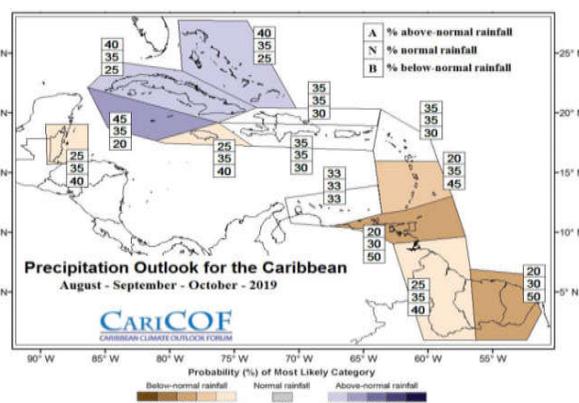


Fig 4. Regional Precipitation Outlook Aug - Sept-Oct 2019 [Read More](#)

Two named storms have developed in the Atlantic (sub-tropical storm Andrea and Hurricane Barry). As we are nearing the peak of the Atlantic hurricane season (mid-August to October); there is potential for increased wet spells. These showers may be frequent, heavy and accompanied by gusty winds and thunderstorms. Flash flooding may become a concern in some areas.

Moon Phases 2019

Aug	FQ 7th	FM 15th	NM 30th	LQ 23rd
Sept	FQ 5th	FM 14th	NM 28th	LQ 21st

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