



SVG MONTHLY WEATHER BULLETIN

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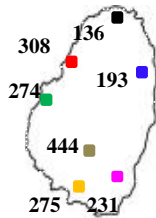
July 2016



ANNOUNCEMENTS...

A transitioning of La Niña by September is possible...A higher frequency of tropical storm is likely during La Niña... **Be Prepared!!!** High temperatures coupled with high humidity may result in very hot uncomfortable days. The Caribbean Institute for Meteorology and Hydrology (CIMH) Barbados is the World Meteorological Organization (WMO) Regional Climate Centre (RCC) for the Caribbean...www.cimh.edu.bb.

July 2016 Summary:



Total rainfall recorded at the **E. T Joshua Airport- Arnos Vale** was **274.9mm**. It was approximately

45mm more the climatological average for this station. There was also an increase in the number of rain days (see table 2). Approximately fifty percent (50%) of this total rainfall fell within the first ten days of the month; with the highest daily rainfall 42mm recorded on the 1st. The highest monthly recorded rainfall total was **538.1mm** in **South Rivers**. Thunderstorms were reported on few occasions. **Tropical waves** were mainly responsible for the showery

(Figure1. Stations - Rainfall mm) activity. Most of these waves however, were unable to strengthen due to the presence of dry air and dust associated with the **Saharan Air Layer**. Days were hot but moderate winds observed during the month alleviated some discomfort. **Maximum gusts** recorded in the Arnos Vale area on the 2nd was 31 knots (~57 km/h). **Sea swells** were generally moderate to rough in open waters, prompting the issuance of advisories for small crafts and sea bathers.

Table 1. July 2016 Rainfall and Temperatures across SVG

| Key Fig.1 | Station - Location | Rainfall (mm) | Max. Temp. (°C) | Min. Temp. (°C) |
|-----------|----------------------|---------------|-----------------|-----------------|
| ● | Arnos Vale - Airport | 274.9 | 32.0 | 23.0 |
| ● | Langley Park | 193.4 | 31.0 | 22.7 |
| ● | Belle Isle | 274.0 | 30.0 | 21.5 |
| ● | Rivulet | 230.8 | 30.8 | 23.1 |

Table 2. Comparison of Parameters at E.T. Joshua Airport Station

| E. T. Joshua Airport Station | Rain-days | Rainfall mm | Mean RH % | Max/Min Temp. °C |
|------------------------------|-----------|-------------|-----------|------------------|
| July | 26 | 274.9 | 79 | 32.0/23.0 |
| 30 year average* | 21 | 229.8 | 78 | 31.5/23.0 |

National Rainfall Outlook:

August to October 2016: Low predictability...
(See figure 2.)

Temperature Outlook:

Air Temperature- Above- normal to normal
Sea Surface Temperature- 0.5°C - 1°C above-average

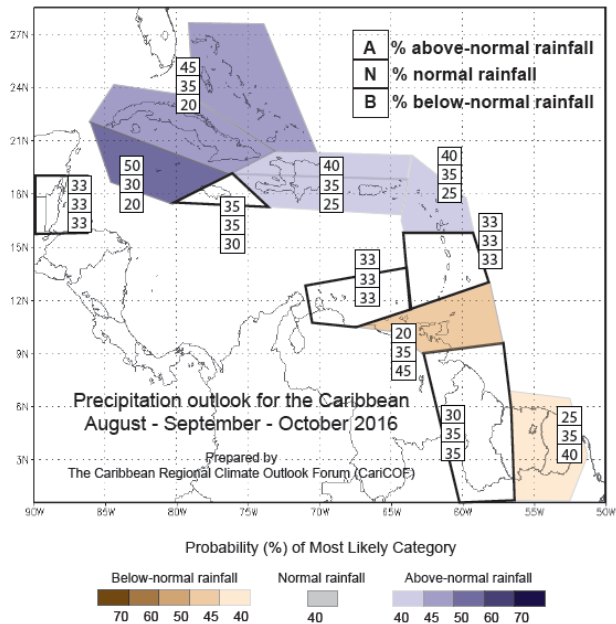


Figure2. Regional Precipitation Outlook August- September-October 2016 [Read more.](#)

August has an average of 20 rain-days and receives approximately 237.0 mm of rainfall (using period 1981-2010). Maximum temperatures generally reach 31.9°C, while minimum temperatures average 22.9°C. Intrusion of dust and dry air associated with Saharan Air Layer (SAL) may decrease rainfall chances. However as time progresses a transition to La Niña can enhance shower activities.

Moon Phases 2016:

August: FM 18th LQ 24th NM 2nd FQ 10th
September: FM 16th LQ 23rd NM 1st & 30th FQ 9th