



SVG MONTHLY WEATHER BULLETIN

Volume 5

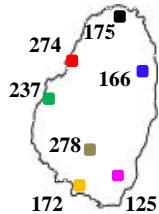
Issue 17

June 2016



ANNOUNCEMENTS: It is the wet/hurricane season, therefore an increase in the number of wet days are anticipated. Increasingly frequent heavy showers mean potential for flash flooding. As El Niño continues to weaken, confidence increase towards the transitioning of La Niña by September and will continue to persist throughout the remaining months. A higher frequency of tropical storm is likely during La Niña.... **Be Prepared!!!** 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.

June 2016 Summary:



Total rainfall recorded at the E. T Joshua Airport- Arnos Vale was 172.3mm. Despite the rainy days

produced mainly by the passage of tropical waves across the island, this total was 30.3mm less than the climatological average for this station (see table 2). The highest daily rainfall recorded at the same station was 46.4 mm on the 19th. Highest rainfall across the island was 341.3 mm which was recorded in the **Dallaway** area. Thunderstorms were reported on few occasions. On the 15th of June, a funnel cloud was observed South-east of the island. Temperatures continued to be

(Figure1. Stations - Rainfall mm)above average with day time temperatures ranging between 29°C to 32°C, whilst night time temperatures ranging between 23°C to 27°C at Joshua. Moderate **winds** were observed during the month, with maximum gusts recorded in the Arnos Vale area on the 6th as 31 knots (~57 km/h). **Sea swells** were generally moderate to rough in open waters, prompting the issuance of advisories. Hazy conditions were experienced due to Saharan Dust layer, occasionally reducing visibility.

Table 1. June 2016 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	172.3	31.8	22.5
●	Langley Park	165.6	30.1	22.6
●	Belle Isle	237.0	29.8	22.1
●	Rivulet	124.8	30.5	22.7

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
June	19	172.3	75.5	31.8/22.5
30 year average*	19	202.6	77.4	31.5/23.1

National Rainfall Outlook:

July to September 2016: Below-normal to normal rainfall forecasted.

Temperature Outlook:

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

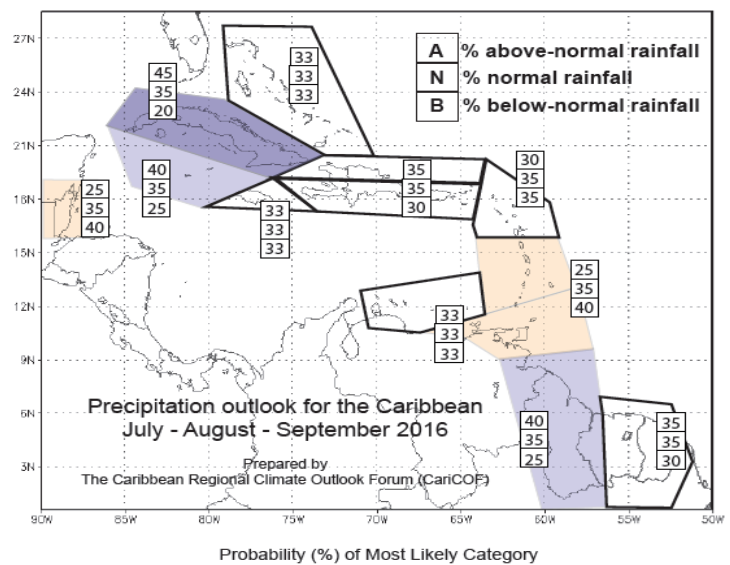


Figure2. Regional Precipitation Outlook July –August- September 2016 [Read more.](#)

July has an average of 21 rain-days and receives approximately 229.8 mm of rainfall (using period 1981-2010). Maximum temperatures generally reach 31.5°C, while minimum temperatures average 23.0°C. A transition to La Niña as time progresses can enhance shower activities. An increase in frequent heavy showers are expected which may cause serious flooding.

Moon Phases 2016:

July: FM 19th LQ 26th NM 4th FQ 11th
August: FM 18th LQ 24th NM 2nd FQ 10th