



SVG MONTHLY WEATHER BULLETIN



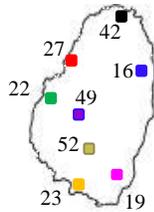
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ANNOUNCEMENTS... Caribbean Climate Outlook Forum held from 1st - 2nd June 2015 in St. Lucia. Workshop on Statistics in Applied Climatology to be held in Barbados from 15th -26th June 2015, aimed at improving products provided by climate services. View [regional bulletin](#) and [agro-met bulletins](#) from other Caribbean countries under CAMI products... Impactful hydrological drought likely to continue into June...warning issued for SVG... see drought outlooks and bulletins from the [\(CIMH\)website](#)...Our 'Rainy season'- June through November coincides with the Atlantic and Caribbean Hurricane season...NOAA's May 27th 2015 Hurricane season outlook indicates- "Below normal Hurricane season likely"...[read more](#) Be Prepared!!! **Highlights:** First named tropical storm formed May 8, outside of 'Hurricane Season' ...3 major water intakes in SVG fall below 50%. World Environment day, June 5 - celebrated under theme: "Seven Billion Dreams. One Planet. Consume with Care"

May 2015 Summary:



May was unusually hot with minimal rainfall across St. Vincent and the Grenadines. These dry conditions caused stress in vegetation, dehydration in livestock and further decreased the water inflow across the island. Total rainfall recorded at the E.T. Joshua Airport - Arnos Vale was well below average (see table 2) and is the 7th lowest rainfall total on record at this station. Highest daily rainfall recorded at this station (3.4 mm) on the 28th was associated with the passage of a tropical wave. There were ten (10) consecutive days with no or

Figure 1. Stations- Rainfall (mm) less than 1 mm of rainfall (1st to 10th). **Highest daily and highest monthly rainfall** across S.V.G was recorded in the South Rivers area as 25.7 mm and 85.0 mm respectively. Although moderate to fresh breeze provided some relief to warm conditions, day-time temperatures ranged between 27^oC to 32^oC. Seas were moderate to occasionally rough in open waters. **Maximum gusts** in the Arnos Vale area were recorded on the 10th as 32 knots (~59km/h). Hazy conditions also persisted throughout May.

Table 1. May 2015 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	23.0	31.0	22.9
●	Langley Park	15.9	29.9	23.2
●	Belle Isle	21.5	29.8	21.3
●	Richmond	26.7	31.5	22.6

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
May	9	23.0	73.5	31.0/22.9
30 year average*	16	114.4	75.1	31.6/23.2

National Rainfall Outlook:

June to August 2015: Rainfall totals expected to be near normal to below normal. (See figure 2.)

Temperature Outlook:

Air Temperature- Normal to above normal likely
Sea Surface Temperature- 0.5°C above average.

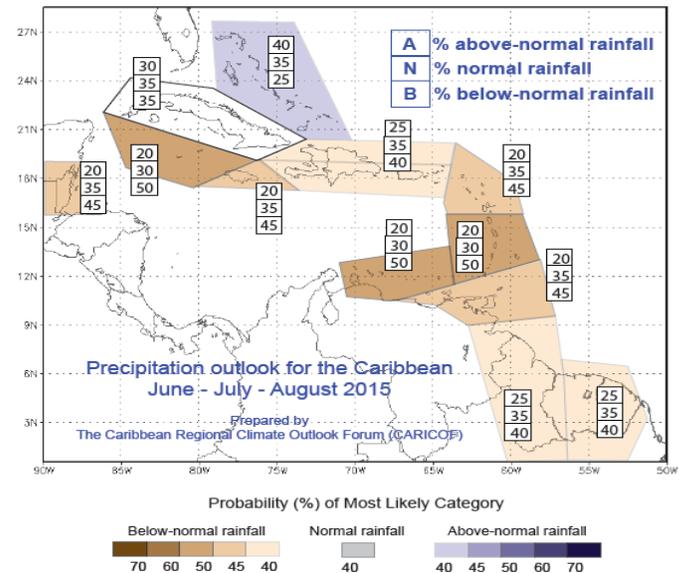


Figure2. Regional Precipitation Outlook June - July - August 2015 [Read more.](#)

On average June's rainfall total is ~ 202.6 millimeters with around 19 rain-days. June is the beginning of the wet/hurricane season. An increase in Inter Tropical Convergence Zone (ITCZ) activity, tropical disturbances, waves, depressions, storms, and hurricanes intensifies as the season progresses. Water and soil conservation methods should be continued, as well as practices that will reduce stress in plants and livestock.

Moon Phases 2015:

June: FM ☾ 2nd LQ ☾ 9th NM ☾ 16th FQ ☾ 24th
July: FM ☾ 1st and 31st LQ ☾ 8th NM ☾ 15th FQ ☾ 24th