



SVG MONTHLY WEATHER BULLETIN



Volume 4

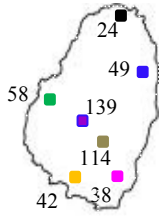
Issue 5

May 2014

ANNOUNCEMENTS...

Using the hyperlinks, view the collective [regional bulletin](#) and [agro-met bulletins](#) from other Caribbean countries under CAMI products via the [\(CIMH\) website](#)...Historically, the Atlantic and Caribbean basin hurricane season is June to November coinciding with our wet season... The National Oceanic and Atmospheric Administration - Climate Prediction Center, is forecasting a near normal to below-normal hurricane season...anticipated development of El Niño this summer. [Read more.](#)

May 2014 Summary:



As expected around this time, tropical waves formed in the Western Atlantic. However, St. Vincent and the Grenadines continued to experience warm and dry conditions. Occasional cloud patches, produced light sprinkles across the islands. Orographic - effect seemed to enhance the rainfall totals in the mountainous regions, with the highest rainfall total across SVG being recorded in the Hermitage area (See figure 1). Rainfall totals and rain days at E.T. Joshua Airport were below normal (See table 2.). Grasses and shrubs reflected water stress, with brown and pale-green

blades rolled to a crisp. The appearance of the Halo phenomena around the sun was due to the presence of cirrostratus clouds. Visibility was reduced by intermittent hazy conditions due to Sahara dust. Moderate winds were observed throughout the month, with maximum winds recorded as 24 knots (~44 km/h) in the Arnos Vale area. Sea conditions were mostly moderate in open waters, triggering only a few small craft advisories.

Table 1. May 2014 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	42.1	31.2	23.4
●	Langley Park	49.3	31.1	22.4
●	Belle Isle	57.9	30.0	21.5

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	13	42.1	74.0	31.2/23.4
30 year average*	16	114.4	75.1	31.6/23.2

National Rainfall Outlook:

Normal to below normal rainfall expected for June to August...increasing gradually.

Temperature Outlook:

2m Air Temperature... normal to above normal
Sea Surface Temperature...normal to below normal

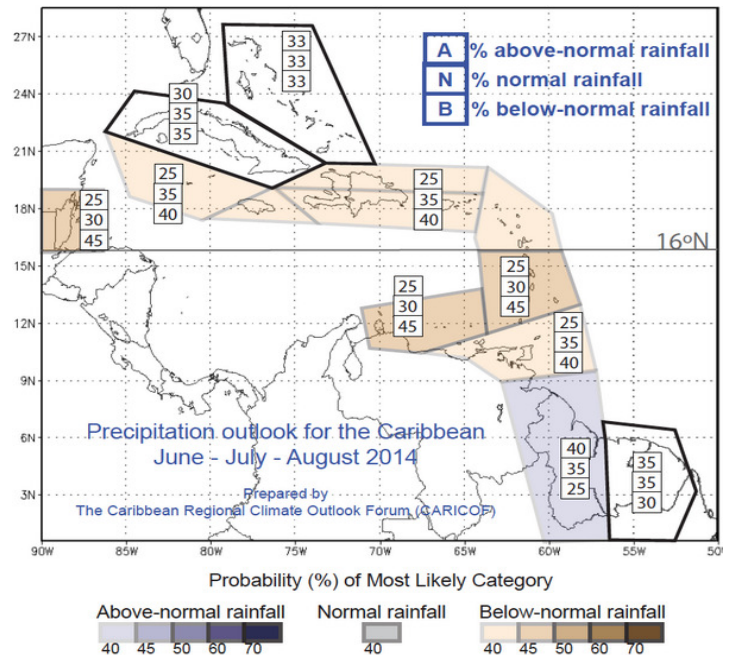


Figure 2. Regional Precipitation Outlook June to August 2014...[Read more.](#)

On average, June has 202.6 mm, with 19 rain-days (using E.T. Joshua Airport 1981-2010 period average). 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.

Moon Phases 2014:

June: FQ 5th FM 13th LQ 19th NM 27th
July: FQ 5th FM 12th LQ 18th NM 26th