



SVG MONTHLY WEATHER BULLETIN



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ANNOUNCEMENTS... Using the hyperlinks, view collective [regional bulletin](#) and [agro-met bulletins](#) from other Caribbean countries under CAMI products... Extreme southern Caribbean under drought warning including (St. Vincent and the Grenadines and Barbados) see maps, outlook newsletters and drought outlooks from the [\(CIMH\) website](#), Catch and Conserve!!!...The NOAA Climate Prediction Center's updated 2014 Hurricane season forecast predicts an increased chance (~70%) of a below-normal season ([read more](#)). The 'peak' of the Atlantic Hurricane season usually occurs between mid - August to late October... Be prepared!!!

August 2014 Summary:



Having entered the 2014 Atlantic Hurricane Season's most active period, it's no surprise that August saw a chain of tropical waves, several low pressure systems, and troughs traversing the Lesser Antilles which generated some thunderstorm activity. However the combination of dusty, dry air, wind shear and lower-than normal sea surface temperatures have all been key in slow storm development. On August 4th Tropical Storm Bertha was upgraded to Hurricane Bertha, Tropical Storm Cristobal strengthened on the 25th August to form the 3rd Hurricane of the

Figure 1. Stations-Rainfall (mm)season. These posed no threat to St. Vincent and the Grenadines. The Hermitage area recorded the highest rainfall total across SVG (See figure 1). Rainfall totals at E.T. Joshua Airport were below average, while rain days were above average (See table 2). Moderate winds were observed over the month, with a few days having light winds. **Maximum winds** were recorded on the 13th August as 30 knots (~55 km/h) in the Arnos Vale area. Sea swells were moderate in open waters; with above normal sea swells prompting the issuance of small craft advisories.

Table 1. August 2014 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	234.1	31.4	23.3
●	Langley Park	173.0	31.5	22.5
●	Belle Isle	284.8	30.5	21.9

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
August	22	234.1	77.5	31.4/23.3
30 year average*	20	237.0	77.9	31.9/22.9

National Rainfall Outlook:

Expect near normal to below normal rainfall for the period September to November.

Temperature Outlook:

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

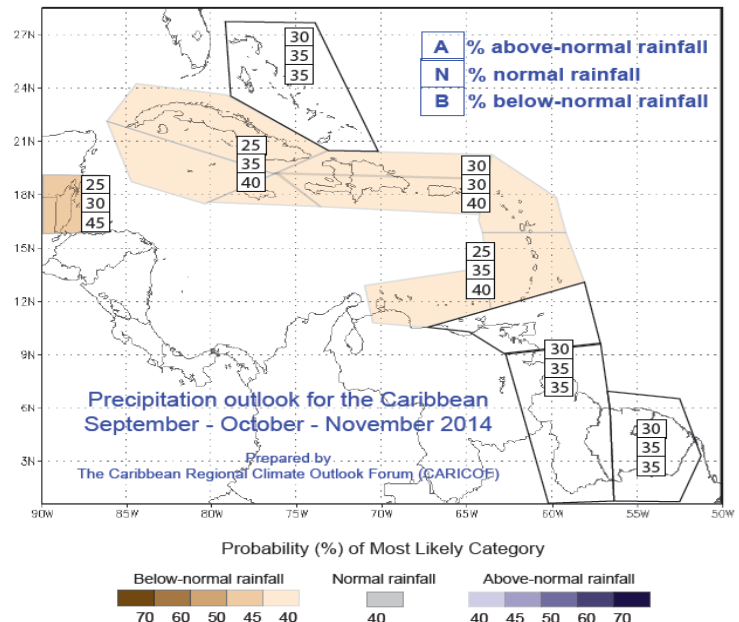


Figure2. Regional Precipitation Outlook September-November [Read more.](#)

The month of September receives on average 243.9 mm of rainfall; with 18 rain-days (using E.T. Joshua Airport 1981-2010 period average). During this month, frequent rainfall is expected due to tropical waves and troughs moving across the islands. Storms are also likely to form in the mid-Atlantic Ocean, or very close on the eastern side of the island chain, and move towards our islands.

Moon Phases 2014:

September: FQ 2nd FM 8th LQ 15th NM 24th
October: FQ 1st FM 8th LQ 15th NM 23rd