



SVG MONTHLY WEATHER BULLETIN



Volume 4

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December 2014

ANNOUNCEMENTS... December to May is our dry season, practice water and soil moisture conservation methods...**CATCH, CONSERVE & USE WATER WISELY!!!!**...Precautions against strong winds, rough seas and high surf should also be taken during the first quarter of the year... Southern Caribbean under drought warning including (St. Vincent and the Grenadines and Barbados)...Onset of an El Nino event is likely...see drought outlooks and bulletins from the (CIMH) website...View collective regional bulletin and agro-met bulletins from other Caribbean countries under CAMI products.

December 2014 Summary:

Hot and dry conditions were evident across many areas in St. Vincent and the Grenadines, with grasses turning pale-green and wilted. Brisk winds enhanced the occurrence of light showers - mainly during the early morning and late night hours-which provided little relief to dry conditions. Here at the E.T. Joshua Airport - Arnos Vale, December's rainfall total was a mere 51.1 mm, this was significantly lower than this station's 30 year average of 173.0mm. Rain-days were also below normal for this station (See table 2). The Montreal area recorded the highest rainfall total across SVG of 243.4 mm.

(Figure 1. Stations- Rainfall (mm) Day - time maximum temperatures across St. Vincent and the Grenadines averaged 31°C. **Sea wells** were moderate to rough in open waters, prompting the issuance of advisories and warnings. High pressure systems moved into our area generating moderate to strong winds throughout most of December. **Maximum winds** in the Arnos Vale area were recorded as 25 knots (~46km/h) on the 30th and 31st. During the last week of the month, Saharan dust haze intermittently reduced the visibility across the islands.

Table 1. December 2014 Rainfall and Temperatures across SVG

Key Fig.1	Station - Location	Rainfall (mm)	Max. Temp. (°C)	Min. Temp. (°C)
●	Arnos Vale - Airport	51.1	31.0	21.8
●	Langley Park	89.5	31.3	21.1
●	Belle Isle	61.5	--	--

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
December	12	51.1	75.5	31.0/21.8
30 year average*	18	173.0	75.3	30.9/21.3

National Rainfall Outlook:

January to March 2015...below normal to normal rainfall totals expected. Confidence 75%.

Temperature Outlook:

Air Temperature- normal to above normal
Sea Surface Temperature...0.5 - 1.0°C above average

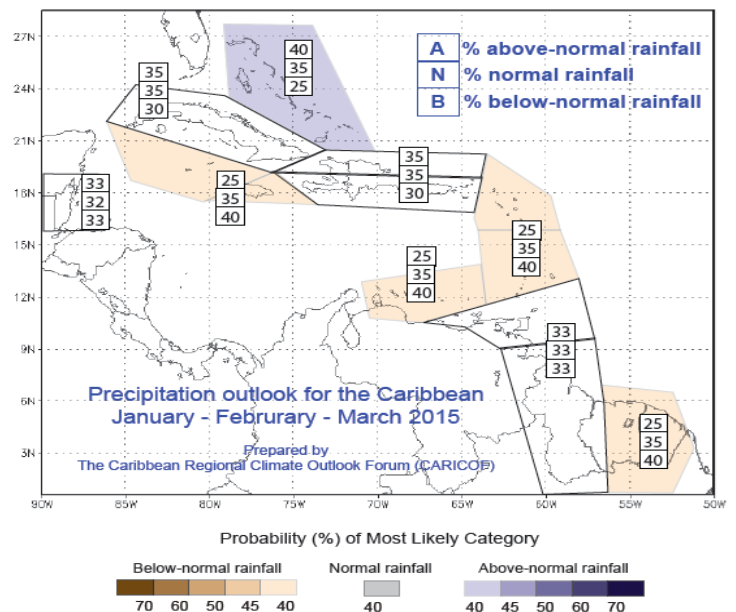


Figure2. Regional Precipitation Outlook January- March 2015 [Read more.](#)

January '30-year averages'; rainfall 132 mm with 19 rain-days, mean R.H is 75%, maximum temperature is 30.0 °C while minimum temperature is 21.3 °C. As the dry season continues to unfold, the atmosphere is expected to be hot and dry. Brisk surface winds, lower R.H and less rainfall occurs in some areas; these dry conditions may increase the risk of leaf and flower dropping in mature and developing plants as well as wilting in seedlings/younger plants. **Any opportunity for water harvesting/conservation should be taken.**

Moon Phases 2015:

January: FQ 27th FM 5th LQ 13th NM 20th
February: FQ 25th FM 3rd LQ 11th NM 18th