

**Meteorological Department
St. Maarten**

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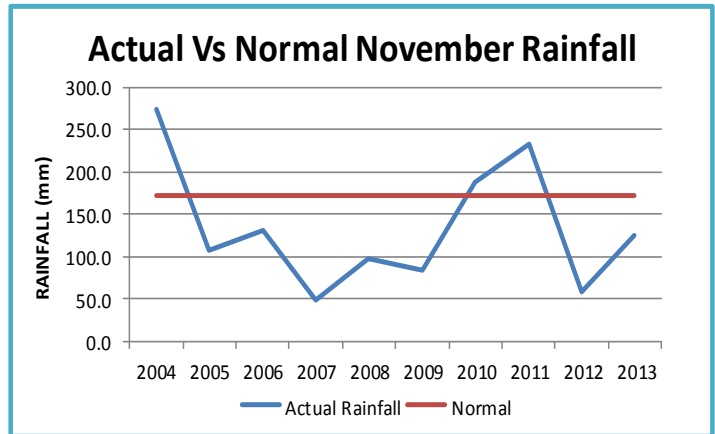
Weather & Climate

Volume 2, Issue 10

November 2014

NORMAL NOVEMBER CONDITIONS

Rainfall Total	93.8 mm – 174.4 mm	4 – 7 in.
No. of Rain days	15 days	
Daily Average Temperature	26.9°C – 27.6 °C	80 –82 °F
Max. Temperature	30°C	86 °F
Min. Temperature	25 °C	77°F
Avg. Daily Hours of Sunshine	8 hrs	



We are nearing the end of the Hurricane Season!.

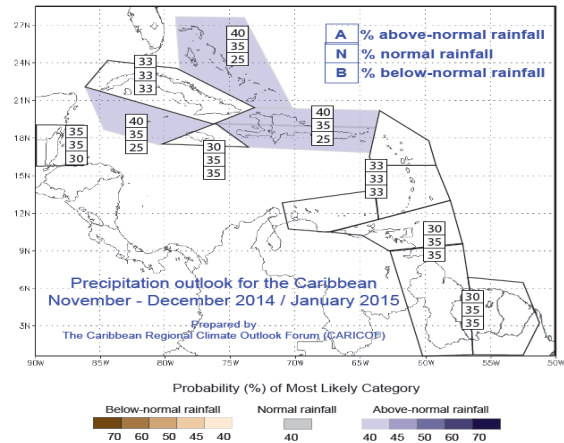
Rainfall for the month of November over the past 10 years had been below-normal 7 out of 10 years.

Seasonal Outlook for November to January 2015

According to the Caribbean Outlook Forum : www.cimh.edu.bb/?p=precipoutlook

The precipitation outlook for the season ‘November – January’ is hardly predictable at this time There are equal chances of below, normal or above.

Temperature for most of the Caribbean is forecast to be near-normal to above-normal for the same period.



Present observations are indicating that the sea surface temperatures in the Eastern Pacific are nearly 0.5°C above average. Forecasts indicate that a weak or moderate El Nino will develop this season.

El Nino is associated with drier conditions and less frequency of storms across the Caribbean.

Drought conditions are being experienced in Jamaica, Haiti, Martinique and St. Martin.

However, as we approach November (end of season) the threat of tropical storms & hurricanes remains.

NEGATIVE IMPACTS:

This season:

- ◆ Increase risks of bush fires & heat stress during dry periods.
- ◆ Risks of storms/hurricanes
- ◆ Risk of floods in high rainfall events

Please note that all data was recorded at the Princess Juliana International Airport and may not necessarily reflect conditions at other points on country St Maarten.

OCTOBER 2014 IN REVIEW

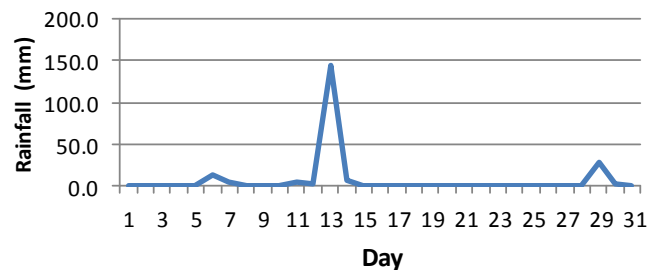
Rainfall amount for October was above normal due to heavy rainfall during Tropical Storm Gonzalo on October 13th. A low pressure center to the north of the region on the 29th also contributed to the above normal rainfall in October. The rainfall recorded during the passage of hurricane Gonzalo accounted for about 99% of this month's total.

Total Rainfall	211.5 mm	8.3 in.
2014 Cumulative	792.5 mm	31.2 in.
Max. 24-Hr. Rainfall	Oct. 13th	144.7mm/ 5.7 in.
No. Rain Days (≥1.0 mm)	10 days	
No. Heavy Rain Days (≥10.0 mm)	3 day	
No. Thunderstorm Days	4 days	
Avg. Wind Speed	7 kts.	8 mph
Max. Wind Gust	Oct. 13th	69 kts. / 79 mph
Avg. Temperature	28.6 °C	84 °F
Max. Temperature	Oct. 3rd	32.7 °C / 91 °F
Min. Temperature	Oct. 13th	23.1 °C / 74 °F

Hurricane Fay & Gonzalo & Tropical Storm Hanna formed in October !

The normal rainfall for October ranges from 96.6– 152.0 mm/ 4-6 in. The day with the most rainfall was the 13th when 144.7mm/5.7in. was recorded. The longest dry spell during the month of October was 12 days from the 15th to 26th.

October 2014 Daily Rainfall (mm)



The latest updated predictions from NOAA increases the likelihood of a below- average 2014 Atlantic Hurricane Season. 7-12 named storms, 3-6 hurricanes with 0-2 major hurricanes.

Remember, that it takes only one major hurricane to make landfall on our island to make it an active season for us. We must also reiterate that other hydro-meteorological features such as heavy rainfall events can have impacts on our lives.

The Names for the storms for 2014 are:

<i>Arthur</i>	<i>Hanna</i>	<i>Omar</i>
<i>Bertha</i>	<i>Isaias</i>	<i>Paulette</i>
<i>Cristobal</i>	<i>Josephine</i>	<i>Rene</i>
<i>Dolly</i>	<i>Kyle</i>	<i>Sally</i>
<i>Edouard</i>	<i>Laura</i>	<i>Teddy</i>
<i>Fay</i>	<i>Marco</i>	<i>Vicky</i>
<i>Gonzalo</i>	<i>Nana</i>	<i>Wilfred</i>

The temperatures recorded during the month of October were all within the normal range.

The warmest day was the 3rd with an average temperature of 29.5°C/85°F.

The day with the most sunshine hours was the 8th (11hrs 00 min).

The day with the least sunshine hours was the 13th (0 hrs. 42min)

The windiest day was the 13th, with a daily average wind speed of 22 kts. / 25 mph.

Skies were mostly fair during the month of October.

**Be Prepared! Be Alert!
Ready to take Action!**