

**Meteorological Department  
St. Maarten**

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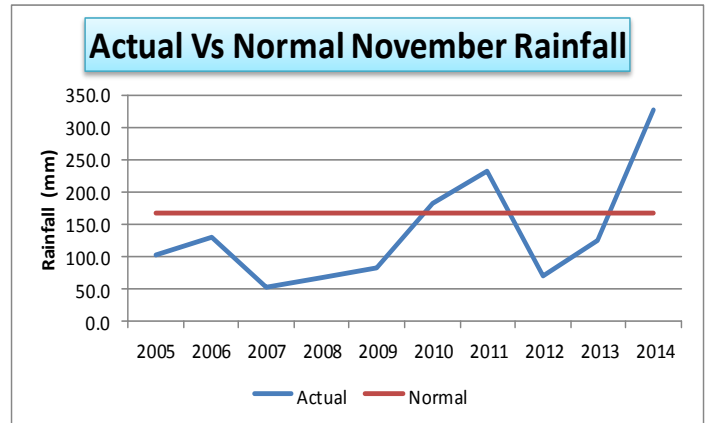
**Weather & Climate**

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November 2015

**NORMAL NOVEMBER CONDITIONS**

Rainfall Total	85.3 mm – 169.9 mm	3 – 7 in.
Avg. No. of Rain days	15 days	
Daily Average Temperature	27.3°C	81°F
Avg. Max. Temperature	30.0°C	86 °F
Avg. Min. Temperature	24.7°C	77°F
Avg. Daily Hours of Sunshine	8 hrs	



Rainfall for the month of November has been below-normal for 7 out of the last 10 years.

**We are still in the Hurricane Season !.**

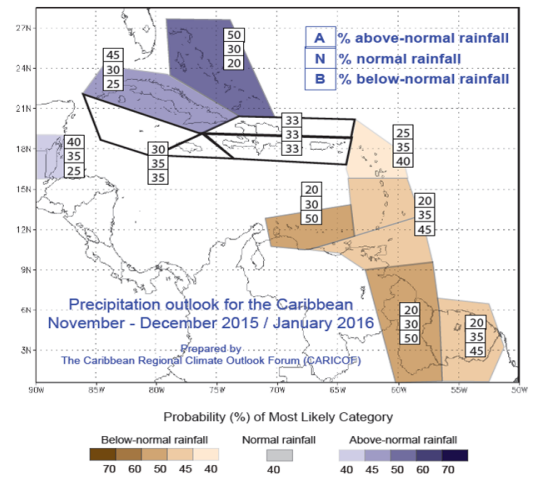
**Seasonal Outlook for November to January (OND)2015/16**

According to the Caribbean Outlook Forum : [www.cimh.edu.bb/?p=precipoutlook](http://www.cimh.edu.bb/?p=precipoutlook)

The precipitation outlook for the season ‘Nov.– Jan.’ is expected to be below-normal to near-normal. Normal rainfall for this season ranges between 269.2 mm – 324.6 mm/ 10-13 in.

November is normally wet , December starts to transition to the dry season with decreasing shower frequency and intensity and January has more sunny days and fewer showers.

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



**2015 Atlantic Storms**

- |           |          |        |
|-----------|----------|--------|
| ANA       | HENRI    | ODETTE |
| BILL      | IDA      | PETER  |
| CLAUDETTE | JOAQUIN  | ROSE   |
| DANNY     | KATE     | SAM    |
| ERIKA     | LARRY    | TERESA |
| FRED      | MINDY    | VICTOR |
| GRACE     | NICHOLAS | WANDA  |

Present observations are indicating that the sea surface temperatures in the Eastern Pacific are nearly 2.5°C above average. Forecasts indicate that this strong El Nino pattern will continue through mid 2016.

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

Most islands in the Caribbean are in long-term drought and others are in short term drought after the record dry July to September.

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 2015 IN REVIEW**

Rainfall for the month of October remained below normal making it the eleventh consecutive month with below normal rainfall. October 2015 was the driest October since 2000 which had a total of 52.6mm./2.1 in. October has been the wettest month for the year so far. 2015 thus far has been the driest year on record with a total of 328.9mm/11in of rainfall since January. The Caribbean Drought Monitoring Network has issued a drought emergency for parts of the Leeward Islands including St. Maarten until the end of November 2015.

<b>Total Rainfall</b>	<b>75.6 mm</b>	<b>3.0 in.</b>
<b>2015 Cumulative Rainfall</b>	<b>328.9 mm</b>	<b>12.9 in.</b>
<b>Max. 24-Hr. Rainfall</b>	<b>October 25<sup>th</sup></b>	<b>37.2 mm/ 1.5 in.</b>
<b>No. Rain Days (&gt;=1.0 mm)</b>	<b>12 days</b>	
<b>No. Heavy Rain Days (&gt;=10.0 mm)</b>	<b>1 day</b>	
<b>No. Thunderstorm Days</b>	<b>11 days</b>	
<b>Avg. Wind Speed</b>	<b>7 kts.</b>	<b>8 mph</b>
<b>Max. Wind Gust</b>	<b>October 8<sup>th</sup></b>	<b>28 kts. / 32 mph</b>
<b>Avg. Temperature</b>	<b>29.1 °C</b>	<b>84 °F</b>
<b>Max. Temperature</b>	<b>October 7<sup>th</sup></b>	<b>32.7 °C / 91 °F</b>
<b>Min. Temperature</b>	<b>October 26<sup>th</sup></b>	<b>23.1°C / 74 °F</b>

The normal rainfall for October ranges from 99.9-180.9 mm /4-7in.

The longest dry spell was 10 days (Oct. 15 to 24th)

The temperatures recorded during the month of October varied from below normal to above normal.

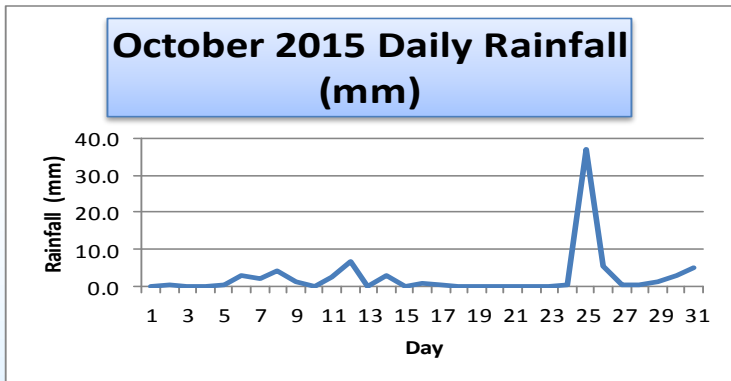
The warmest day was the 4<sup>th</sup> with an average temperature of 30.2°C/86°F.

The days with the most sunshine hours were the 14<sup>th</sup>, 15<sup>th</sup>, & 21<sup>st</sup> (10hrs :54 min).

The day with the least sunshine hours was the 8<sup>th</sup> (0 hr: 54min)

The windiest day was the 13<sup>th</sup>, with a daily average wind speed of 11 kts. / 13 mph.

Skies were partly cloudy to cloudy during the month of October.



**Dry Spell in October? !**

**10 days**

**2015 Rainfall Deficit**

