

**Meteorological Department
St. Maarten**

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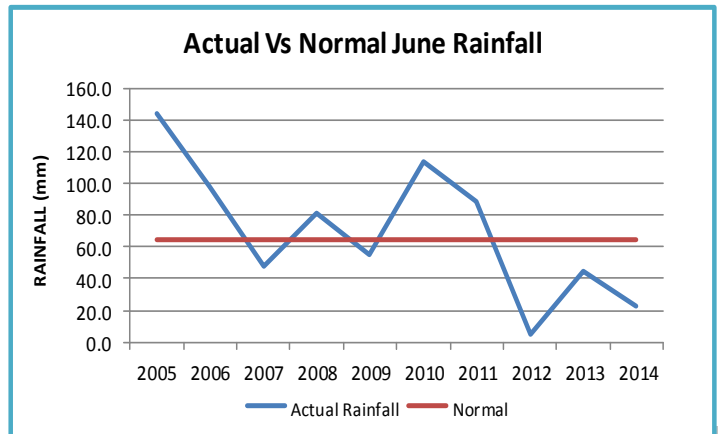
Weather & Climate

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June 2015

NORMAL JUNE CONDITIONS

Rainfall Total	39.7 mm – 65.9 mm	2 – 3 in.
Avg. No. of Rain days	9 days	
Daily Average Temperature	28.0°C – 28.7 °C	82 - 84°F
Avg. Max. Temperature	31.5°C	89 °F
Avg. Min. Temperature	26°C	79°F
Avg. Daily Hours of Sunshine	8 hrs	



Rainfall for the month of June has been below-normal since 2012.

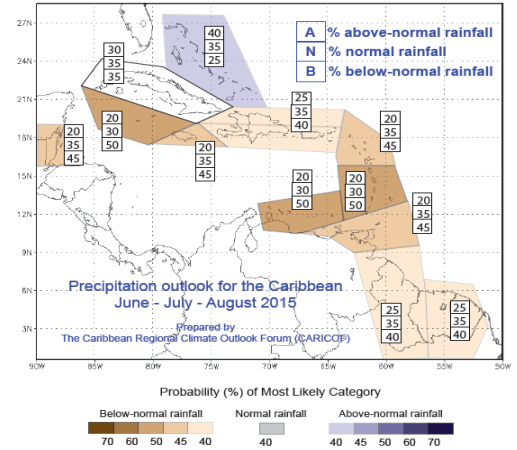
We are in the Hurricane Season !.

Seasonal Outlook for June to August 2015

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

The precipitation outlook for the season 'June – August' is expected to be below-normal to near-normal. Normal rainfall for this season ranges between 210.0—287.7 mm (8-11in). Rainfall across the entire Region is expected to be below-normal to near normal. Fewer rainy days and wet spells are also expected.

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
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CLAUDETTE	JOAQUIN	ROSE
DANNY	KATE	SAM
ERIKA	LARRY	TERESA
FRED	MINDY	VICTOR
GRACE	NICHOLAS	WANDA

The 2015 Atlantic Hurricane Season officially began on Monday June 1st. According to NOAA forecast this seasons activity is expected to be below average . About 6-11 named storms of which 3 -6 may become hurricanes and 0-2 being major hurricanes.

Remember, that it takes only one storm to make landfall on our island to make it an active season for us. We must also reiterate that other events such as heavy rainfall events can have significant impacts on our lives. The message is that we need to inform ourselves of what is happening in order to make timely decisions that will protect life and property.

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.

MAY 2015 IN REVIEW

Rainfall for the month of May was about 27% of the normal monthly total making it the driest May since 1999. This is the sixth consecutive month that rainfall has been below-normal. The Atlantic High Pressure System was the main influence while the presence of Saharan dust maintained hazy conditions.

Total Rainfall	27.8 mm	1.1 in.
2015 Cumulative Rainfall	134.2 mm	5.3 in.
Max. 24-Hr. Rainfall	May 15th	9.6 mm/ 0.4 in.
No. Rain Days (≥1.0 mm)	5 days	
No. Heavy Rain Days (≥10.0 mm)	0 day	
No. Thunderstorm Days	0 day	
Avg. Wind Speed	9 kts.	10 mph
Max. Wind Gust	May 31st	32 kts. / 37 mph
Avg. Temperature	27.6 °C	82 °F
Max. Temperature	May 22nd	30.7 °C / 87 °F
Min. Temperature	May 26th	22.8 °C / 73 °F

The temperatures recorded during the month of May were below-normal to normal.

The warmest days were the 22nd, 23rd and 30th with an average temperature of 28.1°C/83°F.

The day with the most sunshine hours was the 24th (10hrs :54 min).

The day with the least sunshine hours was the 29th (1 hr: 36min)

The windiest day was the 11th, with a daily average wind speed of 13 kts. / 15 mph.

Skies were mostly cloudy and hazy during the month of May.

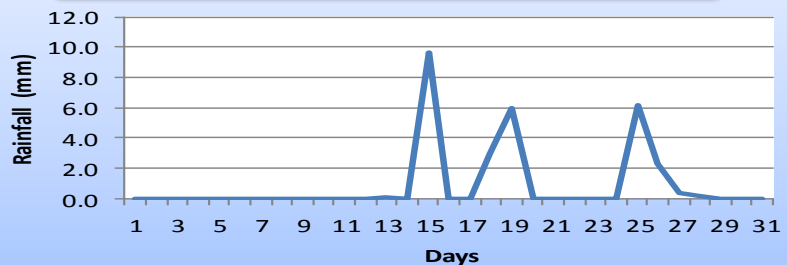
For 6 consecutive months rainfall has been below normal!

The normal rainfall for May ranges from 56.4–115.2 mm (2-5in).

The day with the most rainfall was the 15th with 9.6mm(0.4in.).

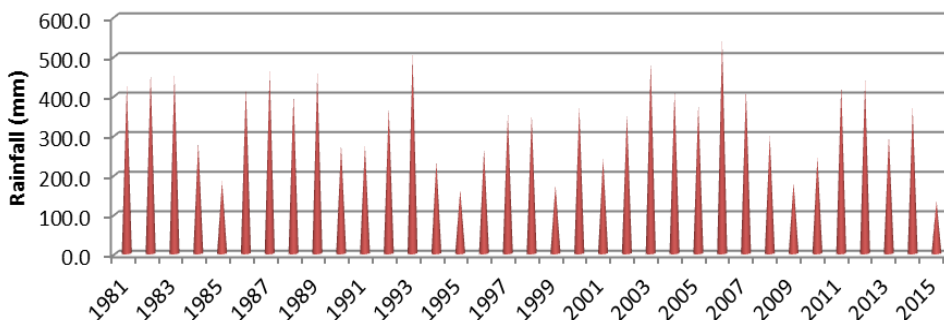
The longest dry spell was 23 days from April 22nd to May 14th.

May 2015 Daily Rainfall (mm)



Rainfall Deficit

Rainfall Total (Jan to May) Princess Juliana Int'l



Rainfall total for the first five months of the year is 61% below-normal.

134.2 mm have been measured so far for 2015. This makes it the driest January to May on record tied with 1968 when the same amount was measured.