

Meteorological Department St. Maarten

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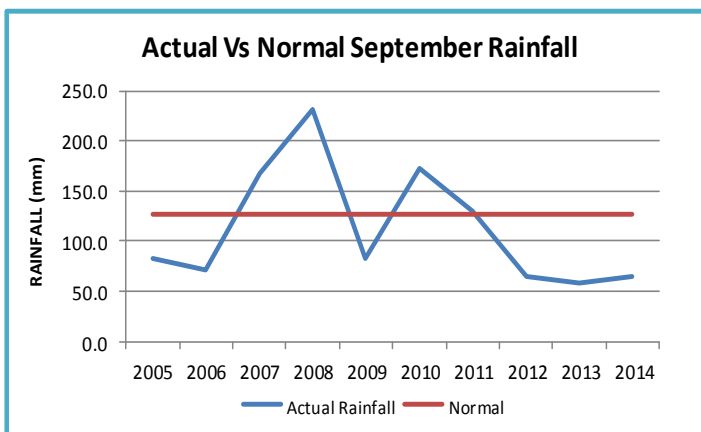
Weather & Climate

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NORMAL SEPTEMBER CONDITIONS

Rainfall Total	94.9 mm – 132.7 mm	4 – 5 in.
Avg. No. of Rain days	14 days	
Daily Average Temperature	28.4°C – 28.8 °C	83 - 84°F
Avg. Max. Temperature	31.8°C	89 °F
Avg. Min. Temperature	26°C	79°F
Avg. Daily Hours of Sunshine	8 hrs	



We are in the Hurricane Season !.

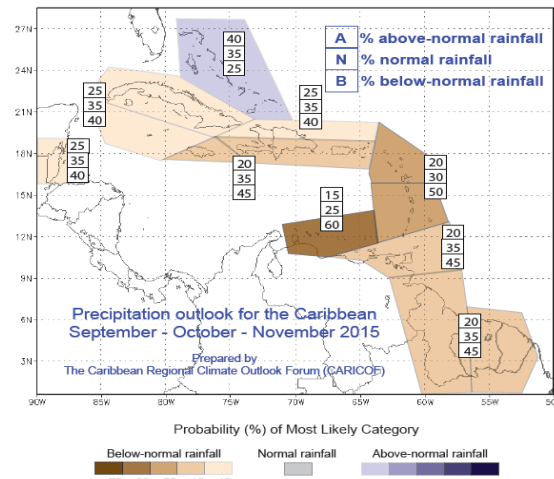
Rainfall for the month of September has been below-normal for 6 out of the last 10 years.

Seasonal Outlook for September to November 2015

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

The precipitation outlook for the season 'Sept.– November' is expected to be below-normal to near-normal. Normal rainfall for this season ranges between 355.5—498.2mm/14-20in. Rainfall across the Region is expected to be below-normal to near normal with fewer wet days and wet spells than usual.

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



NOAA's updated 2015 Atlantic Hurricane Season forecast calls for a slightly below average season. About 6-10 named storms of which 1-4 may become hurricanes and 0-1 being a major hurricane.

Remember, that it takes only one storm to make landfall on our island to make it an active season for us. We must also remember 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.

2015 Atlantic Storms

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

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.

AUGUST 2015 IN REVIEW

Rainfall for the month of August was once again below normal making it the ninth consecutive month with below normal rainfall. The island was threatened by two tropical storms; namely Danny and Erika without any significant damage. Tropical storm Danny degenerated into a trough of low pressure about 133 miles east southeast of St. Maarten on August 24th while the center of Tropical Storm Erika past about 100 miles south of St. Maarten producing nothing but gusty winds up to 53 mph on August 27th.

Total Rainfall	61.4 mm	2.4 in.
2015 Cumulative Rainfall	226.9 mm	8.9 in.
Max. 24-Hr. Rainfall	August 1st	11.0 mm/ 0.4 in.
No. Rain Days (>=1.0 mm)	15 days	
No. Heavy Rain Days (>=10.0 mm)	1 day	
No. Thunderstorm Days	0 day	
Avg. Wind Speed	10 kts.	12 mph
Max. Wind Gust	August 27th	46 kts. / 53 mph
Avg. Temperature	28.7 °C	84 °F
Max. Temperature	August 26th	32.4 °C / 90 °F
Min. Temperature	August 11th	23.5 °C / 74 °F

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

The warmest day was the 26th with an average temperature of 29.8°C/86°F.

The day with the most sunshine hours was the 5th (11hrs :36 min).

The day with the least sunshine hours was the 28th (1 hr: 18min)

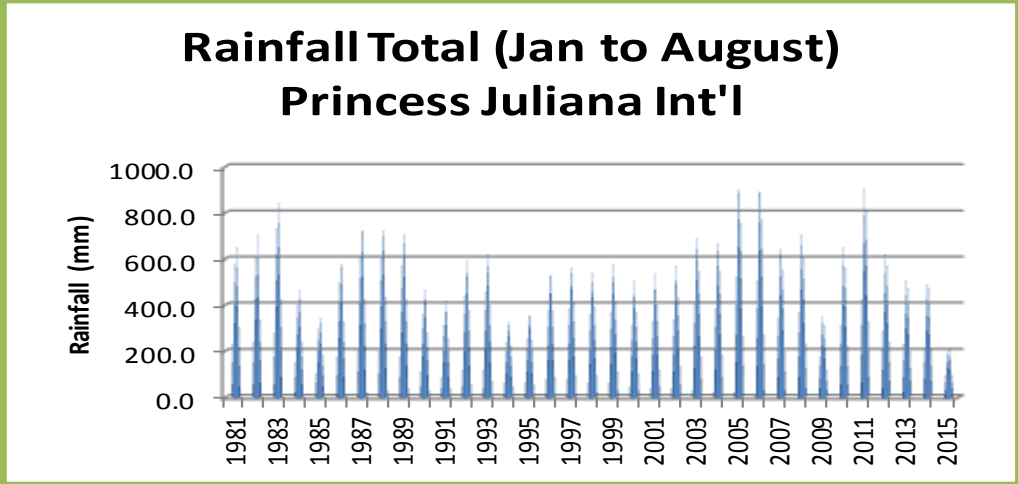
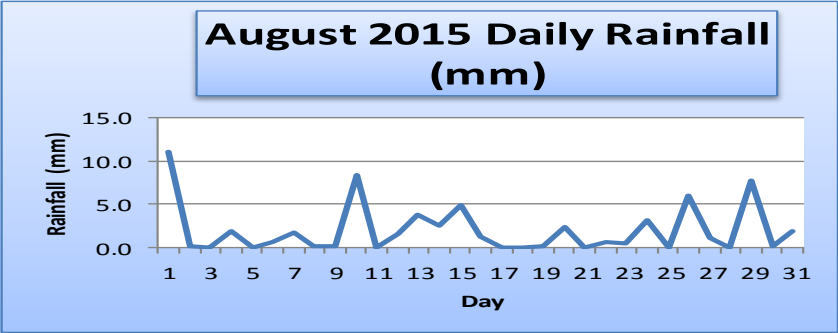
The windiest day was the 27th, with a daily average wind speed of 21 kts. / 24 mph.

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

For 9 consecutive months rainfall has been below normal!

The normal rainfall for August ranges from 76.1–123.6 mm /3-5in.

The day with the most rainfall was the 1st with 11.0mm/0.4in.).



Rainfall total for the first eight months of the year is 63% below normal.

226.9 mm have been measured so far for 2015. This makes it the driest Jan-August on record.