

Meteorological Department

St. Maarten

www.meteosxm.com

Weather & Climate

JANUARY 2014 IN REVIEW

Volume 2, Issue 1

February 2014

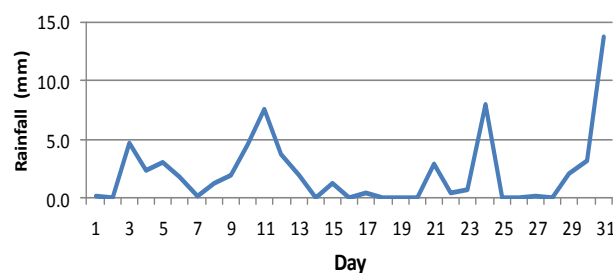
The weather conditions across St. Maarten during the month of January 2014 had been dominated by the presence of a strong Atlantic High Pressure System. This influenced mostly partly-cloudy skies, breezy conditions and occasional showers which were spawned by low level cloud patches drifting from the east to west by the brisk trade winds. These brisk winds pattern also generated above normal sea swells mainly across the Atlantic waters during the month.

Total Rainfall	65.9 mm	2.6 in.
2014 Cumulative Rainfall	65.9 mm	2.6in.
Max. 24-Hr. Rainfall	31 st	13.7 mm/ 0.5 in.
No. Rain Days	16 days	
No. Heavy Rain Days	1 day	
No. Thunderstorm Days	None	
Avg. wind Speed	11 kts.	13 mph
Max. Wind Gust	31 st	38 kts. / 44 mph
Avg. Temperature	25.9 °C	79 °F
Max. Temperature	2 nd , 7 th & 8 th	28.8 °C / 84 °F
Min. Temperature	31 st	21.3 °C / 70 °F

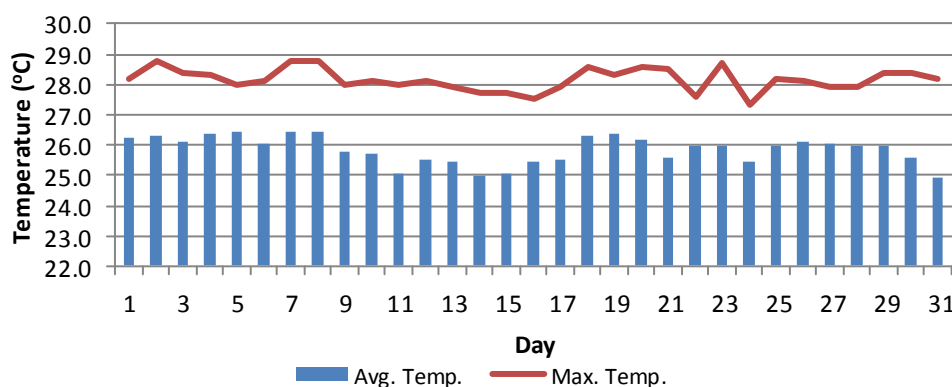
Rainfall this month was within the normal range. Normal rainfall for January ranges from 58.1-81.2mm/ 2-3 in. January 31st was the wettest day when 21% of the month's total rainfall was recorded.

January 2014
rainfall total was 65.9

January 2014 Daily Rainfall (mm)



January 2014 Daily Average & Maximum Temperature (°C)



Maximum Temperature was below normal for the month of January while the minimum and average daily temperatures were normal.

The warmest day was the 7th with an average temperature of 26.5°C/80°F.

Maximum sunshine hours was recorded on the 26th (10hrs 24mins.)

Minimum sunshine hours was recorded on the 24th (6 hrs. 6min)

The windiest day was the 4th with a daily average wind speed of 14 kts. / 16mph.

FEBRUARY AT A GLANCE

Normal Rainfall Total	33.0 mm – 60.2 mm	1 – 2 in.
Driest February	1968	6.5mm/ 0.3in.
Wettest February	2000	168.1mm/ 6.6in
Normal No. of Rain days	10 days	
Normal Daily Average Temperature	25.1 °C – 25.6 °C	77 – 78 °F
Normal Max. Temperature	29.6°C – 30.2°C	85 – 86°F
Normal Min. Temperature	20.9 °C – 21.6°C	70 – 71°F
Avg. Daily Hours of Sunshine	8 hrs. 42min.	

Mild & Dry most of the time .

Seasonal Outlook

Dry Season!

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

- ♦ The climate outlook for the season ‘February - March –April’ is expected to be dry, with alternations of sunny days with short spells of showers, mostly without heavy rainfall.
- ♦ Rainfall and temperatures are expected to be normal to above normal.
- ♦ Sea Surface Temperatures (SSTs) are presently slightly above normal and are forecasted to remain warm into April and lasting till July.
- ♦ The Atmosphere is expected to contain little moisture during February-March-April, but increasing from May as the trade winds are expected to remain stronger than average.

Impact:

Reduced Risk of pests & vector borne diseases this season.