



**Meteorological Department St. Maarten**  
**Climatological Summary – October 2014**  
Recorded at: Princess Juliana International Airport, St. Maarten



<b>Temperature</b>			
Daily Average Air Temperature		28.6°C	84°F
Absolute Maximum Temperature	3 <sup>rd</sup> Oct.	32.7°C	91°F
Absolute Minimum Temperature	13 <sup>th</sup> Oct.	23.1°C	74°F
Average Relative Humidity		74 %	
<b>Rainfall</b>			
Total Monthly Rainfall		211.5 mm	8.3 in.
24-hr Maximum Rainfall	13 <sup>th</sup> Oct.	144.7 mm	5.7 in.
Number of Rain Days (with 1.0+ mm)		10 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 days	
2014 Cumulative Rainfall		792.5 mm	31.2 in.
<b>Sunshine &amp; Clouds</b>			
Daily Average Sunshine Duration		9:16 (hrs:mins)	
Maximum Daily sunshine	8 <sup>th</sup> Oct.	11:00 (hrs:mins)	
Minimum Daily sunshine	13 <sup>th</sup> Oct.	0:42 (hrs:mins)	
Average Cloud Coverage	Fair	43.7 %	
<b>Wind &amp; Pressure</b>			
Average Wind Speed		7 kt.	8 mph
Maximum Wind Gust	13 <sup>th</sup> Oct.	69 kt.	79 mph
Average Air Pressure (QNH)		1013.5 mb	
<b>Evaporation</b>			
Daily Average Evaporation		4.4 mm	
Monthly Total Evaporation		137.4 mm	
Maximum Evaporation	1 <sup>st</sup> Oct.	7.68 mm	

**Remarks: Hurricane Gonzalo produced the highest daily rainfall total and high winds to the island on October 13<sup>th</sup>.**