



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



<b>Temperature</b>			
Daily Average Air Temperature		26.4°C	80°F
Absolute Maximum Temperature	1 <sup>st</sup> Dec.	30.2°C	86°F
Absolute Minimum Temperature	18 <sup>th</sup> Dec.	22.2°C	72°F
Average Relative Humidity		74 %	
<b>Rainfall</b>			
Total Monthly Rainfall		60.5 mm	2.4 in.
24-hr Maximum Rainfall	16 <sup>th</sup> Dec.	29.4 mm	1.2 in.
Number of Rain Days (with 1.0+ mm)		11 days	
Number of Heavy Rain Days (with 10.0+ mm)		2 days	
2014 Cumulative Rainfall		1180.8mm	46.5 in.
<b>Sunshine &amp; Clouds</b>			
Daily Average Sunshine Duration		8:00 (hrs:mins)	
Maximum Daily sunshine	22 <sup>nd</sup> & 29 <sup>th</sup> Dec.	10:24 (hrs:mins)	
Minimum Daily sunshine	15 <sup>th</sup> Dec.	1:12 (hrs:mins)	
Average Cloud Coverage	Fair	44.5 %	
<b>Wind &amp; Pressure</b>			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	23 <sup>rd</sup> Dec.	28 kt.	32 mph
Average Air Pressure (QNH)		1015.5 mb	
<b>Evaporation</b>			
Daily Average Evaporation		3.3 mm	
Monthly Total Evaporation		100.93 mm	
Maximum Evaporation	23 <sup>rd</sup> Dec.	4.80 mm	

**Remarks: On the 16<sup>th</sup> a frontal boundary across the local region produced heavy rainfall across the island.**