



Meteorological Department St. Maarten
Climatological Summary – December 2015
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		26.9°C	80 °F
Absolute Maximum Temperature	3 rd & 4 th December	29.9°C	86 °F
Absolute Minimum Temperature	17 th December	22.6°C	73 °F
Average Relative Humidity		74 %	
Rainfall			
Total Monthly Rainfall		60.4 mm	2.4 in.
24-hr Maximum Rainfall	6 th December	17.9 mm	0.7 in.
Number of Rain Days (with 1.0+ mm)		15 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 day	
2015 Cumulative Rainfall		495.4 mm	19.5 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:19 (hrs:mins)	
Maximum Daily sunshine	9 th December	10:12 (hrs:mins)	
Minimum Daily sunshine	6 th December	2:42 (hrs:mins)	
Average Cloud Coverage	Cloudy	54.5 %	
Wind & Pressure			
Average Wind Speed		11 kt.	13 mph
Maximum Wind Gust	22 nd & 24 th December	33 kt.	38 mph
Average Air Pressure (QNH)		1017.6 mb	
Evaporation			
Daily Average Evaporation		4.1 mm	
Monthly Total Evaporation		128.1 mm	
Maximum Evaporation	22 nd December	5.8 mm	

Remarks: The Atlantic High Pressure System was the main feature influencing the weather conditions this month. Some weak instability accounted for one heavy rainfall day this month.