



Meteorological Department St. Maarten
Climatological Summary – January 2016
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		26.2°C	79 °F
Absolute Maximum Temperature	18 th & 25 th January	29.3°C	85 °F
Absolute Minimum Temperature	30 th January	22.5°C	73 °F
Average Relative Humidity		73 %	
Rainfall			
Total Monthly Rainfall		33.4 mm	1.3 in.
24-hr Maximum Rainfall	7 th January	13.8 mm	0.5 in.
Number of Rain Days (with 1.0+ mm)		7 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 day	
2016 Cumulative Rainfall		33.4 mm	1.3 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:14 (hrs:mins)	
Maximum Daily sunshine	18 & 19 th January	10:36 (hrs:mins)	
Minimum Daily sunshine	16 th January	2:48 (hrs:mins)	
Average Cloud Coverage	Fair	42.2 %	
Wind & Pressure			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	30 th January	30 kt.	35 mph
Average Air Pressure (QNH)		1017.0 mb	
Evaporation			
Daily Average Evaporation		4.2 mm	
Monthly Total Evaporation		129.0 mm	
Maximum Evaporation	24 th January	7.12 mm	

Remarks: The Atlantic High Pressure System was the main feature influencing the weather conditions this month. Low level clouds drifting with the easterly trade winds accounted for one heavy rainfall day this month.