



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



Temperature			
Daily Average Air Temperature		26.0°C	79 °F
Absolute Maximum Temperature	7 & 17 th March	29.5°C	85 °F
Absolute Minimum Temperature	12 th March	21.7°C	71 °F
Average Relative Humidity		73 %	
Rainfall			
Total Monthly Rainfall		58.6 mm	2.3 in.
24-hr Maximum Rainfall	11 th March	21.9 mm	0.9 in.
Number of Rain Days (with 1.0+ mm)		11 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 day	
2016 Cumulative Rainfall		125.9mm	5.0 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:37 (hrs:mins)	
Maximum Daily sunshine	6 th March	11:06 (hrs:mins)	
Minimum Daily sunshine	14 th March	1:12 (hrs:mins)	
Average Cloud Coverage	Cloudy	49.0 %	
Wind & Pressure			
Average Wind Speed		11 kt.	13 mph
Maximum Wind Gust	9 & 12 th March	31 kt.	36 mph
Average Air Pressure (QNH)		1017.6 mb	
Evaporation			
Daily Average Evaporation		5.6 mm	
Monthly Total Evaporation		172.5 mm	
Maximum Evaporation	9 th March	8.35 mm	

Remarks: The Atlantic High Pressure System remained strong generating brisk winds during the month of March. However, there were few days when instability due to increased moisture at the lower levels produced showers across the island.