



Meteorological Department St. Maarten
Climatological Summary – May 2017
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		27.3°C	81°F
Absolute Maximum Temperature	22 nd May	30.8°C	87°F
Absolute Minimum Temperature	9 th May	22.1°C	72°F
Average Relative Humidity		81 %	
Rainfall			
Total Monthly Rainfall		143.5 mm	5.6 in.
24-hr Maximum Rainfall	9 th May	63.2 mm	2.5 in.
Number of Rain Days (with 1.0+ mm)		6 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 day	
2017 Cumulative Rainfall		374.4 mm	14.7 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:16 (hrs:mins)	
Maximum Daily sunshine	13 th May	11:48 (hrs:mins)	
Minimum Daily sunshine	11 th May	1:18 (hrs:mins)	
Average Cloud Coverage	Variable	54.1%	
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	10 th May	32 kt.	37 mph
Average Air Pressure (QNH)		1016.5 mb	
Remarks: The Atlantic high pressure system continued to dominate throughout the month of May. However, some instability and moisture caused periodic showers, especially on our rainy days. Interaction between a tropical wave and an upper-level trough caused our two rainiest days on the 9th and the 28th.			