



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



Temperature			
Daily Average Air Temperature		26.4 °C	80 °F
Absolute Maximum Temperature	8 th April	29.9 °C	86 °F
Absolute Minimum Temperature	10 th April	21.9 °C	71 °F
Average Relative Humidity		76 %	
Rainfall			
Total Monthly Rainfall		106.8 mm	4.2 in.
24-hr Maximum Rainfall	16 th April	85.8 mm	3.4 in.
Number of Rain Days (with 1.0+ mm)		5 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 day	
2017 Cumulative Rainfall		230.9 mm	9.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:24 (hrs:mins)	
Maximum Daily sunshine	22 nd April	11:48 (hrs:mins)	
Minimum Daily sunshine	15 th April	1:06 (hrs:mins)	
Average Cloud Coverage	Variable	50.8%	
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	19 th April	28 kt.	32 mph
Average Air Pressure (QNH)		1016.0 mb	
Remarks: The Atlantic high pressure system continued to dominate throughout the month of April. However, instability associated with a frontal boundary produced heavy rainfall and periods of rain the afternoon of April 16 th . A total of 64mm/2.5 inches was measured in 1.5 hours (12:25pm – 2:00pm) that day.			