



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



Temperature			
Daily Average Air Temperature		28.7°C	83 °F
Absolute Maximum Temperature	17 th July	31.9°C	89 °F
Absolute Minimum Temperature	13 th July	23.6°C	77 °F
Average Relative Humidity		77 %	
Rainfall			
Total Monthly Rainfall		106.3 mm	4.2 in.
24-hr Maximum Rainfall	31 st July	18.6 mm	0.7 in.
Number of Rain Days (with 1.0+ mm)		14 days	
Number of Heavy Rain Days (with 10.0+ mm)		5 day	
2016 Cumulative Rainfall		331.1 mm	13.0 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:20 (hrs:mins)	
Maximum Daily sunshine	12 th July	11:00 (hrs:mins)	
Minimum Daily sunshine	31 st July	2:54 (hrs:mins)	
Average Cloud Coverage	Cloudy	55.5 %	
Wind & Pressure			
Average Wind Speed		11 kt.	11 mph
Maximum Wind Gust	31 st July	36 kt.	44 mph
Average Air Pressure (QNH)		1017.3 mb	
Evaporation			
Daily Average Evaporation		5.42 mm	
Monthly Total Evaporation		168.02 mm	
Maximum Evaporation	10 th July	8.94 mm	

Remarks: The high pressure system was dominant most of the time however, instability produced normal rainfall this month.