



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



Temperature			
Daily Average Air Temperature		28.7°C	84°F
Absolute Maximum Temperature	31 st July	32.1°C	90°F
Absolute Minimum Temperature	13 th July	23.7°C	75°F
Average Relative Humidity		81 %	
Rainfall			
Total Monthly Rainfall		73.2 mm	2.9 in.
24-hr Maximum Rainfall	11 th July	23.1 mm	0.9 in.
Number of Rain Days (with 1.0+ mm)		13 days	
Number of Heavy Rain Days (with 10.0+ mm)		2 day	
2017 Cumulative Rainfall		529.0 mm	20.8 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:57 (hrs:mins)	
Maximum Daily sunshine	30 th July	12:00 (hrs:mins)	
Minimum Daily sunshine	11 th July	4:54 (hrs:mins)	
Average Cloud Coverage	Variable	46.2%	
Wind & Pressure			
Average Wind Speed		10 kt.	12 mph
Maximum Wind Gust	18, 19 th July	31 kt.	36 mph
Average Air Pressure (QNH)		1017.2 mb	
Remarks: Saharan dust and a few tropical waves were the only significant features affecting the local area during the month of July. These tropical waves produced normal rainfall throughout the month, while a combination of instability from an upper-level low pressure feature and a surface trough caused the heaviest rainfall day on July 11th.			