



Meteorological Department St. Maarten
Climatological Summary – August 2018
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		28.6°C	83°F
Absolute Maximum Temperature	5 th & 10 th Aug.	32.9°C	91°F
Absolute Minimum Temperature	30 th Aug.	24.6°C	76°F
Average Relative Humidity		72 %	
Rainfall			
Total Monthly Rainfall		80.6 mm	3.2 in.
24-hr Maximum Rainfall	29 th Aug.	12.2 mm	0.5 in.
Number of Rain Days (with 1.0+ mm)		16 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 days	
2018 Cumulative Rainfall		433.4 mm	17.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9: 40 (hrs:mins)	
Maximum Daily sunshine	9 th Aug.	11:48 (hrs:mins)	
Minimum Daily sunshine	30 th Aug.	0:00 (hrs:mins)	
Average Cloud Coverage	Partly Cloudy	42.07%	
Wind & Pressure			
Average Wind Speed		10 kt.	12 mph
Maximum Wind Gust		N/A	N/A
Average Air Pressure (QNH)		1017.3 mb	
<p>Remarks: The Atlantic High pressure ridge remained dominant most of the time throughout the month of August. A few tropical waves drifted across the island chain producing some rainfall activity this month. Rainfall was within the normal range for this month with 3 heavy rainfall days. Two tropical storms formed in the month of August; Debby and Ernesto formed in the north Atlantic on August 7th and 15th respectively. They posed no threat to St. Maarten.</p>			