



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



Temperature			
Daily Average Air Temperature		27.9°C	82°F
Absolute Maximum Temperature	1 st Oct.	32.1°C	90°F
Absolute Minimum Temperature	13 th Oct.	23.5°C	74°F
Average Relative Humidity		76 %	
Rainfall			
Total Monthly Rainfall		164.3 mm	6.5 in.
24-hr Maximum Rainfall	13 th Oct.	56.9 mm	2.2 in.
Number of Rain Days (with 1.0+ mm)		16 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 days	
Number of days with thunderstorm		4 days	
2018 Cumulative Rainfall		689.4 mm	27.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8: 07 (hrs:mins)	
Maximum Daily sunshine	20 th & 29 th Oct.	11:06 (hrs:mins)	
Minimum Daily sunshine	13 th Oct.	0:00 (hrs:mins)	
Average Cloud Coverage	Fair	49.41%	
Wind & Pressure			
Average Wind Speed		7 kt.	8 mph
Maximum Wind Gust		N/A	N/A
Average Air Pressure (QNH)		1014.0 mb	
<p>Remarks: Rainfall for the month of October was within the normal range. An upper level trough brought some instability across the area on the 13th, which produced heavy rainfall and flooding in parts of the island. 37.7mm/1.5in of rainfall, was measured within a 6-hr period (between 8am and 2pm).</p> <p>Two hurricanes and one storm formed in October (Major hurricane Michael, Tropical Storm Nadine and Hurricane Oscar). None had any direct impact on St. Maarten.</p>			