



Meteorological Department St. Maarten
Climatological Summary – October 2019
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		28.9°C	84°F
Absolute Maximum Temperature	13 th Oct.	33.0°C	91°F
Absolute Minimum Temperature	14 th Oct.	23.7°C	75°F
Average Relative Humidity		73 %	
Rainfall			
Total Monthly Rainfall		154.3 mm	6.1 in.
24-hr Maximum Rainfall	14 th Oct.	105.8 mm	4.2 in.
Number of Rain Days (with 1.0+ mm)		8 days	
Number of Heavy Rain Days (with 10.0+ mm)		2 days	
Number of days with thunderstorm		3 days	
2019 Cumulative Rainfall		749.3 mm	29.5 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9: 22 (hrs:mins)	
Maximum Daily sunshine	17 th & 26 th Oct.	11:12 (hrs:mins)	
Minimum Daily sunshine	28 th Oct.	3:24 (hrs:mins)	
Average Cloud Coverage	Mostly Fair	38.58%	
Wind & Pressure			
Average Wind Speed		6 kt.	7 mph
Maximum Wind Gust		NA	NA
Average Air Pressure (QNH)		1014.4 mb	
Remarks: Rainfall totals for October was within the normal range. Four (4) named storms formed in the month of October. On October 14th 69.0mm/2.7 inches of rainfall was recorded within a 6-hours period. This was as a result, of the passage of a tropical wave moving across the region.			