



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



Temperature			
Daily Average Air Temperature		27.4°C	81°F
Absolute Maximum Temperature	3 rd Dec.	31.7°C	89°F
Absolute Minimum Temperature	12 th Dec.	22.1°C	72°F
Average Relative Humidity		75 %	
Rainfall			
Total Monthly Rainfall		133.6 mm	5.3 in.
24-hr Maximum Rainfall	11 th Dec.	30.1 mm	1.2 in.
Number of Rain Days (with 1.0+ mm)		15 days	
Number of Heavy Rain Days (with 10.0+ mm)		5 days	
Number of days with thunderstorm		1 day	
2019 Cumulative Rainfall		918.1 mm	36.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		7: 57 (hrs:mins)	
Maximum Daily sunshine	1 st Dec.	10:42 (hrs:mins)	
Minimum Daily sunshine	27 th Dec.	0:12 (hrs:mins)	
Average Cloud Coverage	Mostly Fair	42.44%	
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust		NA	NA
Average Air Pressure (QNH)		1015.9 mb	
Remarks: Rainfall totals for December was above the normal range. Most of the rainfall was as a result of increased instability due to frontal boundaries and upper level features.			