



Meteorological Department St. Maarten
Climatological Summary – October 2020
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		28.4°C	83°F
Absolute Maximum Temperature	8 th & 11 th Oct.	32.9°C	91°F
Absolute Minimum Temperature	1 st Oct.	22.7°C	73°F
Average Relative Humidity		77 %	
Rainfall			
Total Monthly Rainfall		271.1 mm	10.7 in.
24-hr Maximum Rainfall	16 th Oct.	71.7 mm	2.8 in.
Number of Rain Days (with 1.0+ mm)		21 days	
Number of Heavy Rain Days (with 10.0+ mm)		9 days	
Number of days with thunderstorm		8 days	
2020 Cumulative Rainfall		952.1mm	37.5 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		7:56 (hrs:mins)	
Maximum Daily sunshine	21 st Oct.	10:48 (hrs:mins)	
Minimum Daily sunshine	3 rd Oct.	1:30 (hrs:mins)	
Average Cloud Coverage	Cloudy	50.55%	
Wind & Pressure			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	1 st Oct.	39 kt.	45 mph
Average Air Pressure (QNH)		1015.1 mb	
Remarks: Rainfall for the month of October was above the normal range. October 2020 was the wettest month for the year so far. Most of the rainfall this month was as a result of upper level troughs interacting with tropical waves drifting through the area. There were 9 hot days in October; five (5) of which were very hot days and there were two (2) heatwave periods.			