



Meteorological Department St. Maarten
Climatological Summary – October 2021
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		28.9°C	84°F
Absolute Maximum Temperature	7 th Oct.	33.2°C	92°F
Absolute Minimum Temperature	22 nd Oct.	24.5°C	76°F
Average Relative Humidity		75 %	
Rainfall			
Total Monthly Rainfall		124.2 mm	4.9 in.
24-hr Maximum Rainfall	12 th Oct.	44.9 mm	1.8 in.
Number of Rain Days (with 1.0+ mm)		13 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 days	
Number of days with thunderstorm		5 days	
2021 Cumulative Rainfall		587.9 mm	23.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:51 (hrs:mins)	
Maximum Daily sunshine	16 th Oct.	10:54 (hrs:mins)	
Minimum Daily sunshine	11 th Oct.	2:48 (hrs:mins)	
Average Cloud Coverage	Mostly Fair	39.75%	
Wind & Pressure			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	12 th Sept.	27 kt.	31 mph
Average Air Pressure (QNH)		1015.5 mb	
Remarks:			
Rainfall for the month of October was within the normal range. On the 12 th of October a tropical wave produced 36.7mm/1.4inches of rainfall between 8am and 8pm. There were 14 hot days in October with 3 hot wave periods. Only one (1) tropical storm formed in the month of October making it a very quiet October this season.			