



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



Temperature			
Daily Average Air Temperature		27.0°C	81°F
Absolute Maximum Temperature	3 rd & 4 th Dec.	31.6°C	89°F
Absolute Minimum Temperature	19 th Dec.	23.3°C	74°F
Average Relative Humidity		72 %	
Rainfall			
Total Monthly Rainfall		43.7 mm	1.7 in.
24-hr Maximum Rainfall	12 th Dec.	7.8 mm	0.3 in.
Number of Rain Days (with 1.0+ mm)		13 days	
Number of Heavy Rain Days (with 10.0+ mm)		None	
Number of days with thunderstorm		None	
2021 Cumulative Rainfall		770.0 mm	30.3 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:50 (hrs:mins)	
Maximum Daily sunshine	5 th , 6 th & 27 th Dec.	10:06 (hrs:mins)	
Minimum Daily sunshine	1 st Dec.	5:12 (hrs:mins)	
Average Cloud Coverage	Mostly Fair	35.89%	
Wind & Pressure			
Average Wind Speed		10 kt.	12 mph
Maximum Wind Gust	19 th Dec.	28 kt.	32 mph
Average Air Pressure (QNH)		1019.9 mb	
Remarks:			
Rainfall for the month of December was below the normal range, this was the driest December at PJIA since 2012. Temperatures for the month of December were above normal.			