



Meteorological Department St. Maarten
Climatological Summary –December 2024
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		27.3 °C	81 °F
Absolute Maximum Temperature	27 th Dec.	31.8 °C	89 °F
Absolute Minimum Temperature	30 th Dec.	22.0 °C	72 °F
Average Relative Humidity		80.1 %	
Rainfall			
Total Monthly Rainfall		37.3 mm	1.5 in.
24-hr Maximum Rainfall	9 th Dec.	7.0 mm	0.3 in.
Number of Rain Days (with 1.0+ mm)		10 days	
Number of Heavy Rain Days (with 10.0+ mm)		0 days	
Number of days with thunderstorm		0 days	
2024 Cumulative Rainfall		1,306.5 mm	51.4 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:24 (hrs:mins)	
Maximum Daily sunshine	3 rd Dec.	10:30 (hrs:mins)	
Minimum Daily sunshine	31 st Dec.	4:18 (hrs:mins)	
Average Cloud Coverage	Mostly Fair	40.8 %	
Wind & Pressure			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	11 th & 19 th Dec.	30 kt.	35 mph
Average Air Pressure (QNH)		1014.9 mb	
Remarks:			
The total rainfall for the month of December 2024 was below the normal range. Temperatures were generally above normal. There were two (2) cool nights.			