



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



Temperature			
Daily Average Air Temperature		27.0°C	81°F
Absolute Maximum Temperature	31 st Mar.	31.3°C	88°F
Absolute Minimum Temperature	27 th Mar.	22.6°C	73°F
Average Relative Humidity		76.8%	
Rainfall			
Total Monthly Rainfall		26.7 mm	1.1 in.
24-hr Maximum Rainfall	27 th Mar.	5.2 mm	0.2 in.
Number of Rain Days (with 1.0+ mm)		10 days	
Number of Heavy Rain Days (with 10.0+ mm)		None	
Number of days with thunderstorm		None	
2024 Cumulative Rainfall		230.6 mm	9.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:40 (hrs:mins)	
Maximum Daily sunshine	30 th Mar.	11:24 (hrs:mins)	
Minimum Daily sunshine	15 th Mar.	1:00 (hrs:mins)	
Average Cloud Coverage	Fair	33.85%	
Wind & Pressure			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	2 nd Mar.	27 kt.	31 mph
Average Air Pressure (QNH)		1016.9 mb	
Remarks:			
Rainfall for the month of March 2024 was within the normal range. Temperatures were above normal. There was only one (1) cool night when minimum temperature reached 22.6°C.			