



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



Temperature			
Daily Average Air Temperature		26.2°C	79°F
Absolute Maximum Temperature	16 th & 25 th Feb.	30.7°C	87°F
Absolute Minimum Temperature	9 th Feb.	20.7°C	69°F
Average Relative Humidity		80 %	
Rainfall			
Total Monthly Rainfall		154.45 mm	6.1 in.
24-hr Maximum Rainfall	7 th Feb.	63.0 mm	2.5 in.
Number of Rain Days (with 1.0+ mm)		8 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 days	
Number of days with thunderstorm		None	
2024 Cumulative Rainfall		203.9 mm	8.0in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:40 (hrs:mins)	
Maximum Daily sunshine	17 th Feb.	11:00 (hrs:mins)	
Minimum Daily sunshine	8 th Feb.	0:00 (hrs:mins)	
Average Cloud Coverage	Fair	40.41%	
Wind & Pressure			
Average Wind Speed		7 kt.	8 mph
Maximum Wind Gust	6 th Feb.	24 kt.	28 mph
Average Air Pressure (QNH)		1017.5 mb	
Remarks:			
Rainfall for the month of February 2024 was above the normal range most of the rainfall was due to the passage of frontal boundaries across the area. This was the wettest February since 2000. Generally, temperatures were above normal. There were seven (7) cool nights when minimum temperature reached below of 22.7°C			