



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



<b>Temperature</b>			
Daily Average Air Temperature		28.8°C	84°F
Absolute Maximum Temperature	28 <sup>th</sup> May	33.0°C	91°F
Absolute Minimum Temperature	4 <sup>th</sup> May	22.5°C	73°F
Average Relative Humidity		83.0%	
<b>Rainfall</b>			
Total Monthly Rainfall		157.4 mm	6.1 in.
24-hr Maximum Rainfall	3 <sup>rd</sup> May	103.2 mm	4.1 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		4 days	
2024 Cumulative Rainfall		456.3 mm	18.0 in.
<b>Sunshine &amp; Clouds</b>			
Daily Average Sunshine Duration		9:10 (hrs:mins)	
Maximum Daily sunshine	20 <sup>th</sup> May	11:54 (hrs:mins)	
Minimum Daily sunshine	8 <sup>th</sup> May	2:36 (hrs:mins)	
Average Cloud Coverage	Cloudy	50.7%	
<b>Wind &amp; Pressure</b>			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	4 <sup>th</sup> May	28 kt.	32 mph
Average Air Pressure (QNH)		1016.1 mb	
<b>Remarks:</b>			
Rainfall for the month of May 2024 was above the normal range. Temperatures were above normal. This was the warmest May on record. There were twelve (12) hot days when temperature surpassed 32.2°C. The first heat wave for 2024 was reported from 24-31 May.			