



**Meteorological Department St. Maarten**  
**Climatological Summary –May 2025**  
Recorded at: Princess Juliana International Airport, St. Maarten



<b>Temperature</b>			
Daily Average Air Temperature		27.8 °C	82 °F
Absolute Maximum Temperature	21 <sup>st</sup> May	31.7 °C	89 °F
Absolute Minimum Temperature	17 <sup>th</sup> May	22.7 °C	73 °F
Average Relative Humidity		85.6 %	
<b>Rainfall</b>			
Total Monthly Rainfall		58.9 mm	2.3 in.
24-hr Maximum Rainfall	17 <sup>th</sup> May	22.4 mm	1.2 in.
Number of Rain Days (with 1.0+ mm)		8 days	
Number of Heavy Rain Days (with 10.0+ mm)		2 days	
Number of days with thunderstorm		6 days	
2025 Cumulative Rainfall		258.7 mm	10.2 in.
<b>Sunshine &amp; Clouds</b>			
Daily Average Sunshine Duration		8:27 (hrs:mins)	
Maximum Daily sunshine	May 5 <sup>th</sup>	11:48 (hrs:mins)	
Minimum Daily sunshine	May 1 <sup>st</sup> & 17 <sup>th</sup>	0:12 (hrs:mins)	
Average Cloud Coverage	Mostly Cloudy	53.4 %	
<b>Wind &amp; Pressure</b>			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	12 <sup>th</sup> & 13 <sup>th</sup> May	29 kt.	33 mph
Average Air Pressure (QNH)		1016.2 mb	
<b>Remarks:</b>			
Generally cloudy conditions persisted for May 2025. Moisture and instability associated with a multi-layered trough accounted for heavy rainfall and thunderstorms on the 17 <sup>th</sup> . Rainfall total was within the normal range while temperatures remained above normal for May 2025.			