



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



<b>Temperature</b>			
Daily Average Air Temperature		29.5°C	85°F
Absolute Maximum Temperature	25 <sup>th</sup> Jul.	33.0°C	91°F
Absolute Minimum Temperature	10 <sup>th</sup> Jul.	23.9°C	75°F
Average Relative Humidity		83.1%	
<b>Rainfall</b>			
Total Monthly Rainfall		140.7 mm	5.5 in.
24-hr Maximum Rainfall	16 <sup>th</sup> Jul.	26.7 mm	1.1 in.
Number of Rain Days (with 1.0+ mm)		19 days	
Number of Heavy Rain Days (with 10.0+ mm)		6 day	
Number of days with thunderstorm		8 days	
2024 Cumulative Rainfall		631.5 mm	24.9 in.
<b>Sunshine &amp; Clouds</b>			
Daily Average Sunshine Duration		8:21 (hrs:mins)	
Maximum Daily sunshine	11 <sup>th</sup> Jul.	12:06 (hrs:mins)	
Minimum Daily sunshine	8 <sup>th</sup> Jul.	0:18 (hrs:mins)	
Average Cloud Coverage	Cloudy	55.1%	
<b>Wind &amp; Pressure</b>			
Average Wind Speed		10kt.	12 mph
Maximum Wind Gust	1 <sup>st</sup> & 18 <sup>th</sup> Jul.	31 kt.	36 mph
Average Air Pressure (QNH)		1018.1 mb	
<b>Remarks:</b>			
Rainfall for the month of July 2024 was above the normal range. Temperatures were also above normal with fourteen (14) hot days and nineteen (19) warm nights. There were four (4) heatwaves in the month of July, the longest lasted 4 days.			