



**Meteorological Department St. Maarten**  
**Climatological Summary – September 2023**  
Recorded at: Princess Juliana International Airport, St. Maarten



<b>Temperature</b>			
Daily Average Air Temperature		30.2°C	86°F
Absolute Maximum Temperature	16 <sup>th</sup> Sept.	34.4°C	94°F
Absolute Minimum Temperature	19 <sup>th</sup> Sept.	26.1°C	79°F
Average Relative Humidity		76 %	
<b>Rainfall</b>			
Total Monthly Rainfall		37.1 mm	1.5 in.
24-hr Maximum Rainfall	26 <sup>th</sup> Sept.	8.8 mm	0.4 in.
Number of Rain Days (with 1.0+ mm)		8 days	
Number of Heavy Rain Days (with 10.0+ mm)		None	
Number of days with thunderstorm		5 days	
2023 Cumulative Rainfall		524.2 mm	20.6 in.
<b>Sunshine &amp; Clouds</b>			
Daily Average Sunshine Duration		10:01 (hrs:mins)	
Maximum Daily sunshine	2 <sup>nd</sup> Sept.	11:30 (hrs:mins)	
Minimum Daily sunshine	16 <sup>th</sup> & 27 <sup>th</sup> Sept.	8:00 (hrs:mins)	
Average Cloud Coverage		Cloudy	41.58%
<b>Wind &amp; Pressure</b>			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	30 <sup>th</sup> Sept.	23 kt.	27 mph
Average Air Pressure (QNH)		1014.8 mb	
<b>Remarks:</b>			
Rainfall for the month of September 2023 was below the normal range. Temperatures were also above normal. Two (2) heat wave periods were recorded the longest lasted nineteen (19) days from September 12 to 30. The nights were also very warm, twenty-three (23) warm nights were recorded. The night of the 12 <sup>th</sup> was extremely warm a minimum temperature of 29.1°C was recorded.			