



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



Temperature

Daily Average Air Temperature		29.7°C	86°F
Absolute Maximum Temperature	24 th Sept.	34.1°C	93°F
Absolute Minimum Temperature	26 th Sept.	23.8°C	75°F
Average Relative Humidity		83.5%	

Rainfall

Total Monthly Rainfall		132.2 mm	5.2 in.
24-hr Maximum Rainfall	26 th Sept.	32.0 mm	1.3 in.
Number of Rain Days (with 1.0+ mm)		19 days	
Number of Heavy Rain Days (with 10.0+ mm)		5 days	
Number of days with thunderstorm		13 days	
2024 Cumulative Rainfall		871.4 mm	34.3 in.

Sunshine & Clouds

Daily Average Sunshine Duration		8:44 (hrs:mins)	
Maximum Daily sunshine	21 st Sept.	11:30 (hrs:mins)	
Minimum Daily sunshine	26 th Sept.	1:24 (hrs:mins)	
Average Cloud Coverage	Cloudy	48.7%	

Wind & Pressure

Average Wind Speed		7kt.	8 mph
Maximum Wind Gust	2 nd Sept.	30 kt.	35 mph
Average Air Pressure (QNH)		1012.9 mb	

Remarks:

Rainfall for the month of September 2024 was above the normal range. Temperatures were also above normal with twenty-six (26) hot days and seventeen (17) warm nights. There were four (4) heatwaves periods in the month of September, the longest lasted 12 days.