



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



Temperature			
Daily Average Air Temperature		29.7°C	86°F
Absolute Maximum Temperature	29 th Aug.	33.8°C	93°F
Absolute Minimum Temperature	13 th Aug.	25.5°C	78°F
Average Relative Humidity		83.4%	
Rainfall			
Total Monthly Rainfall		107.7 mm	4.2 in.
24-hr Maximum Rainfall	12 th Aug.	23.3 mm	0.9 in.
Number of Rain Days (with 1.0+ mm)		17 days	
Number of Heavy Rain Days (with 10.0+ mm)		4 days	
Number of days with thunderstorm		10 days	
2024 Cumulative Rainfall		739.2 mm	29.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:46 (hrs:mins)	
Maximum Daily sunshine	11 th , 24 th , & 25 th Aug.	11:24 (hrs:mins)	
Minimum Daily sunshine	13 th Aug.	0:24 (hrs:mins)	
Average Cloud Coverage	Fair to Partly Cloudy	46.7%	
Wind & Pressure			
Average Wind Speed		9kt.	10 mph
Maximum Wind Gust	13 th Aug.	52 kt.	60 mph
Average Air Pressure (QNH)		1016.6 mb	
Remarks:			
Rainfall for the month of August 2024 was within the normal range. Temperatures were also above normal with twenty-three (23) hot days and nights. There were five (5) heatwaves periods in the month of August, the longest lasted 13 days.			