



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



Temperature			
Daily Average Air Temperature		29.9°C	86°F
Absolute Maximum Temperature	13 th Oct.	33.8°C	93°F
Absolute Minimum Temperature	31 st Oct.	22.5°C	73°F
Average Relative Humidity		79.7%	
Rainfall			
Total Monthly Rainfall		90.8 mm	3.6 in.
24-hr Maximum Rainfall	31 st Oct.	31.8 mm	1.3 in.
Number of Rain Days (with 1.0+ mm)		5 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 days	
Number of days with thunderstorm		3 days	
2024 Cumulative Rainfall		962.2 mm	37.9 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:16 (hrs:mins)	
Maximum Daily sunshine	5 th Oct.	11:12 (hrs:mins)	
Minimum Daily sunshine	31 st Oct.	0:00 (hrs:mins)	
Average Cloud Coverage	Mostly Fair	41.5%	
Wind & Pressure			
Average Wind Speed		7kt.	8 mph
Maximum Wind Gust	31 st Oct.	33 kt.	38 mph
Average Air Pressure (QNH)		1013.2 mb	
Remarks:			
Rainfall for the month of October 2024 was below the normal range. Temperatures were above normal with twenty-seven (27) hot days and twenty-five (25) warm nights. There were three (3) heatwaves periods in the month of October, the longest lasted 17 days. A mid to upper level trough brought some much needed rainfall at the end of October.			