



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



Temperature			
Daily Average Air Temperature		29.1°C	84°F
Absolute Maximum Temperature	14 th & 15 th Oct.	33.3°C	92°F
Absolute Minimum Temperature	23 rd Oct.	24.2°C	76°F
Average Relative Humidity		82 %	
Rainfall			
Total Monthly Rainfall		273.7 mm	10.8 in.
24-hr Maximum Rainfall	22 nd Oct.	83.8 mm	3.3 in.
Number of Rain Days (with 1.0+ mm)		18 days	
Number of Heavy Rain Days (with 10.0+ mm)		5 days	
Number of days with thunderstorm		10 days	
2023 Cumulative Rainfall		797.9 mm	31.4 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		7:43 (hrs:mins)	
Maximum Daily sunshine	16 th Oct.	11:24 (hrs:mins)	
Minimum Daily sunshine	3 rd & 4 th Oct.	0:00 (hrs:mins)	
Average Cloud Coverage		Cloudy	54.33%
Wind & Pressure			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	21 st Oct.	29 kt.	33 mph
Average Air Pressure (QNH)		1013.1 mb	
Remarks:			
Rainfall for the month of October 2023 was above the normal range, this was the wettest October since 2010. Temperatures were also above normal. Two (2) heat wave periods were recorded the longest lasted twelve (12) days from October 5 to 16. The nights were also warm, eleven (11) warm nights were recorded. The night of the 8 th was extremely warm a minimum temperature of 28.3°C was recorded.			