



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



Temperature			
Daily Average Air Temperature		29.7°C	86°F
Absolute Maximum Temperature	30 th Aug.	33.8°C	93°F
Absolute Minimum Temperature	20 th Aug.	23.9°C	75°F
Average Relative Humidity		80 %	
Rainfall			
Total Monthly Rainfall		158.6 mm	6.2 in.
24-hr Maximum Rainfall	20 th Aug.	55.3 mm	2.2 in.
Number of Rain Days (with 1.0+ mm)		13 days	
Number of Heavy Rain Days (with 10.0+ mm)		4 days	
Number of days with thunderstorm		4 days	
2023 Cumulative Rainfall		487.1 mm	19.2 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:37 (hrs:mins)	
Maximum Daily sunshine	1 st Aug.	12:12 (hrs:mins)	
Minimum Daily sunshine	21 st Aug.	1:30 (hrs:mins)	
Average Cloud Coverage		Cloudy	53.44%
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	17 th Aug.	30 kt.	35 mph
Average Air Pressure (QNH)		1015.9 mb	
Remarks:			
Rainfall for the month of August 2023 was above the normal range. Temperatures were also above normal. Four (4) heat wave periods were recorded the longest lasted twelve (12) days from August 9 to 20. The nights were also very warm, nineteen (19) warm nights were recorded. The night of the 16 th and 27 th were extremely warm a minimum temperature of 28.7°C was recorded.			