



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



Temperature			
Daily Average Air Temperature		29.5°C	85°F
Absolute Maximum Temperature	28 th Jul.	33.5°C	92°F
Absolute Minimum Temperature	25 th Jul.	25.4°C	78°F
Average Relative Humidity		76 %	
Rainfall			
Total Monthly Rainfall		41.1 mm	1.6 in.
24-hr Maximum Rainfall	28 th Jul.	10.1mm	0.4 in.
Number of Rain Days (with 1.0+ mm)		10 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 days	
Number of days with thunderstorm		5 days	
2023 Cumulative Rainfall		328.5 mm	12.9 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:41 (hrs:mins)	
Maximum Daily sunshine	24 th Jul.	11:18 (hrs:mins)	
Minimum Daily sunshine	12 th Jul.	0:24 (hrs:mins)	
Average Cloud Coverage	Cloudy	62.80%	
Wind & Pressure			
Average Wind Speed		10 kt.	12 mph
Maximum Wind Gust	11 th Jul.	28 kt.	32 mph
Average Air Pressure (QNH)		1018.3 mb	
Remarks:			
Rainfall for the month of July 2023 was below the normal range. Temperatures were above normal. Four (4) heat wave periods were recorded the longest lasted sixteen (16) days from July 16 to 31. The nights were also very warm, twenty-five (25) warm nights were recorded. The night of the 19 th was extremely warm a minimum temperature of 28.6°C was recorded.			