



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



Temperature			
Daily Average Air Temperature		28.3°C	83°F
Absolute Maximum Temperature	7 th May	31.9°C	89°F
Absolute Minimum Temperature	24 th May	22.9°C	73°F
Average Relative Humidity		75 %	
Rainfall			
Total Monthly Rainfall		64.2 mm	2.5 in.
24-hr Maximum Rainfall	23 rd May	30.3 mm	1.2 in.
Number of Rain Days (with 1.0+ mm)		12 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 day	
Number of days with thunderstorm		2 days	
2023 Cumulative Rainfall		222.1mm	8.7 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		10:11 (hrs:mins)	
Maximum Daily sunshine	1 st & 4 th May	12:00 (hrs:mins)	
Minimum Daily sunshine	24 th May	6:36 (hrs:mins)	
Average Cloud Coverage		Mostly Fair	48.99%
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	19 th May	22 kt.	25 mph
Average Air Pressure (QNH)		1016.8 mb	
Remarks:			
Rainfall for the month of May 2023 was within the normal range while temperatures were slightly above normal. Most of the rainfall for May was recorded in one day (May 23) when an trough affected the local area.			