



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



Temperature			
Daily Average Air Temperature		26.6°C	80°F
Absolute Maximum Temperature	4 th Jan.	31.1°C	88°F
Absolute Minimum Temperature	25 th Jan.	22.4°C	72°F
Average Relative Humidity		78 %	
Rainfall			
Total Monthly Rainfall		49.5 mm	1.9 in.
24-hr Maximum Rainfall	24 th Jan.	23.7 mm	0.9 in.
Number of Rain Days (with 1.0+ mm)		7 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 day	
Number of days with thunderstorm		None	
2024 Cumulative Rainfall		49.5 mm	1.9in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:43 (hrs:mins)	
Maximum Daily sunshine	30 th Jan.	10:54 (hrs:mins)	
Minimum Daily sunshine	12 th Jan.	3:42 (hrs:mins)	
Average Cloud Coverage	Fair	38.15%	
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	24 th Jan.	39 kt.	45 mph
Average Air Pressure (QNH)		1019.6 mb	
Remarks:			
Rainfall for the month of January 2024 was below the normal range. Generally, temperatures were above normal. There was one (1) cool nights the 24 th when a minimum temperature of 22.4°C was recorded. A strong high pressure system generated brisk winds up to 39kt/35mph on the 24 th .			