



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



Temperature			
Daily Average Air Temperature		28.2°C	83°F
Absolute Maximum Temperature	3 rd Nov.	33.0°C	91°F
Absolute Minimum Temperature	1 st Nov.	23.6°C	75°F
Average Relative Humidity		86.9%	
Rainfall			
Total Monthly Rainfall		307.0 mm	12.1 in.
24-hr Maximum Rainfall	10 th Nov.	89.2 mm	3.5 in.
Number of Rain Days (with 1.0+ mm)		17 days	
Number of Heavy Rain Days (with 10.0+ mm)		6 days	
Number of days with thunderstorm		12 days	
2024 Cumulative Rainfall		1,269.2 mm	50.0 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		6:48 (hrs:mins)	
Maximum Daily sunshine	13 th Nov.	10:30 (hrs:mins)	
Minimum Daily sunshine	11 th Nov.	0:00 (hrs:mins)	
Average Cloud Coverage	Mostly Cloudy	59.60%	
Wind & Pressure			
Average Wind Speed		7kt.	8 mph
Maximum Wind Gust	17 th Nov.	35 kt.	40 mph
Average Air Pressure (QNH)		1012.3 mb	
Remarks:			
<p>Rainfall for the month of November 2024 was above the normal range. There were two (2) main rainfall events: 10th -12th November where a surface trough produced an accumulation of 131mm/5inches of rainfall. (47.2mm/1.9inches fell in 6hrs). The second event was from 14th-17th November when an upper level trough interacted with a stationary front, the total rainfall recorded was 129mm/5inches over the period. 43mm/1.7inches fell in 6hrs on already saturated soils causing widespread flooding.</p> <p>Temperatures were above normal with five (5) hot days and five (5) warm nights. There was one (1) heatwave period in the month of November.</p>			