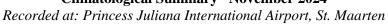


Meteorological Department St. Maarten

Climatological Summary –November 2024





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	erage 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:				

Remarks:

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.

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.