



Meteorological Department St. Maarten
Climatological Summary – September 2022
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		28.8°C	84°F
Absolute Maximum Temperature	11 th Sept.	33.2°C	92°F
Absolute Minimum Temperature	17 th Sept.	23.3°C	74°F
Average Relative Humidity		77 %	
Rainfall			
Total Monthly Rainfall		180.2 mm	7.1 in.
24-hr Maximum Rainfall	17 th Sept.	44.5 mm	1.8 in.
Number of Rain Days (with 1.0+ mm)		11 days	
Number of Heavy Rain Days (with 10.0+ mm)		6 days	
Number of days with thunderstorm		9 days	
2022 Cumulative Rainfall		560.7 mm	22.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		7:47 (hrs:mins)	
Maximum Daily sunshine	1 st Sept.	11:30 (hrs:mins)	
Minimum Daily sunshine	4,15,17, & 18 Sept.	0:00 (hrs:mins)	
Average Cloud Coverage		Mostly Cloudy	60.80%
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	17 th Sept.	40 kt.	46 mph
Average Air Pressure (QNH)		1014.4 mb	
Remarks:			
Rainfall for the month of September was above the normal range. Generally, temperatures were near normal. Tropical Storm Fiona passed about 110 miles south of St. Maarten on September 17, 2022. The maximum gust recorded was 40kt/46mph .			