



Meteorological Department St. Maarten
Climatological Summary – August 2015
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		28.7°C	84 °F
Absolute Maximum Temperature	26 th August	32.4°C	90 °F
Absolute Minimum Temperature	11 th August	23.5°C	74 °F
Average Relative Humidity		73 %	
Rainfall			
Total Monthly Rainfall		61.4 mm	2.4 in.
24-hr Maximum Rainfall	1 st August	11.0 mm	0.4 in.
Number of Rain Days (with 1.0+ mm)		15 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 days	
2015 Cumulative Rainfall		226.9 mm	8.9 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:46 (hrs:mins)	
Maximum Daily sunshine	5 th August	11:36 (hrs:mins)	
Minimum Daily sunshine	28 th August	1:18 (hrs:mins)	
Average Cloud Coverage	Mostly Cloudy	54.2 %	
Wind & Pressure			
Average Wind Speed		10 kt.	12 mph
Maximum Wind Gust	27 th August	46 kt.	53 mph
Average Air Pressure (QNH)		1015.7 mb	
Evaporation			
Daily Average Evaporation		5.8 mm	
Monthly Total Evaporation		179.8 mm	
Maximum Evaporation	8 th August	8.54 mm	

Remarks: The center of Tropical Storm Erika passed about 98 miles south of St. Maarten on August 27th. There was no significant rainfall measured during the passage. Highest wind gust was 46kt/53mph. A tropical wave accounted for most of this month's rainfall on the 1st.