



Meteorological Department St. Maarten
Climatological Summary – September 2014
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		28.8°C	84°F
Absolute Maximum Temperature	17 th Sept.	32.4°C	90°F
Absolute Minimum Temperature	4 th Sept.	23.8°C	75°F
Average Relative Humidity		73 %	
Rainfall			
Total Monthly Rainfall		65.5 mm	2.6 in.
24-hr Maximum Rainfall	3 rd Sept.	43.4 mm	1.7 in.
Number of Rain Days (with 1.0+ mm)		10 days	
Number of Heavy Rain Days (with 10.0+ mm)		1 day	
2014 Cumulative Rainfall		581.0 mm	22.9 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:00 (hrs:mins)	
Maximum Daily sunshine	30 th Sept.	11:18 (hrs:mins)	
Minimum Daily sunshine	4 th Sept.	0:00 (hrs:mins)	
Average Cloud Coverage	Cloudy	50.2 %	
Wind & Pressure			
Average Wind Speed		8 kt.	9 mph
Maximum Wind Gust	2 nd Sept.	28 kt.	32 mph
Average Air Pressure (QNH)		1015.2 mb	
Evaporation			
Daily Average Evaporation		5.7 mm	
Monthly Total Evaporation		171.6 mm	
Maximum Evaporation	9 th Sept.	7.72 mm	

Remarks: A tropical wave moved across the region between the 3rd & 4th of September when the highest daily rainfall was measured. Otherwise it was mainly dry throughout the month.