



Meteorological Department St. Maarten
Climatological Summary – October 2017
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		29.1 °C	84 °F
Absolute Maximum Temperature		NA	NA
Absolute Minimum Temperature		NA	NA
Average Relative Humidity		72 %	
Rainfall			
Total Monthly Rainfall		159.3 mm	6.3 in.
24-hr Maximum Rainfall		8 th Oct.	41.4 mm 1.6 in.
Number of Rain Days (with 1.0+ mm)		17 days	
Number of Heavy Rain Days (with 10.0+ mm)		5 day	
2017 Cumulative Rainfall (No rainfall available for Sept.)		629.2 mm	24.8 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:32 (hrs:mins)	
Maximum Daily sunshine		5 th Oct.	10:48 (hrs:mins)
Minimum Daily sunshine		10 th & 15 th Oct.	0:00 (hrs:mins)
Average Cloud Coverage		Mostly Cloudy	58.8%
Wind & Pressure			
Average Wind Speed		7kt.	8 mph
Maximum Wind Gust		NA	NA
Average Air Pressure (QNH)		1013.9 mb	
<p>Remarks: Tropical waves continue to be the main contributor to the total rainfall this month. The rainiest day October 8th was as a result of instability by an upper level trough across the area. Three tropical cyclones formed in October however they did not have any significant impact on the local area.</p>			