



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



Temperature			
Daily Average Air Temperature		25.7°C	78 °F
Absolute Maximum Temperature	24 th January	29.3°C	85 °F
Absolute Minimum Temperature	16 th January	21.6°C	71 °F
Average Relative Humidity		75 %	
Rainfall			
Total Monthly Rainfall		42.5 mm	1.7 in.
24-hr Maximum Rainfall	15 th January	4.9 mm	0.2 in.
Number of Rain Days (with 1.0+ mm)		15 days	
Number of Heavy Rain Days (with 10.0+ mm)		0 days	
2017 Cumulative Rainfall		42.5 mm	1.7 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		8:20 (hrs:mins)	
Maximum Daily sunshine	20 th & 23 rd January	10:12 (hrs:mins)	
Minimum Daily sunshine	22 nd January	4:42 (hrs:mins)	
Average Cloud Coverage	Fair	41.3%	
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	29 th January	32 kt.	37 mph
Average Air Pressure (QNH)		1016.9 mb	
Evaporation			
Evaporation measurement discontinued at Princess Juliana International as of January 1st 2017. This is due to the relocation of the office and the lack of a suitable location for the measurement of this parameter at the new location.			

Remarks: The Atlantic high pressure system was dominant throughout the month of January. This influenced windy conditions and shallow clouds patches across the area. These clouds produced cloudy spells and some showers nonetheless rainfall for January 2017 remained below normal.