



Meteorological Department St. Maarten
Climatological Summary – September 2020
Recorded at: Princess Juliana International Airport, St. Maarten



Temperature			
Daily Average Air Temperature		29.5°C	85°F
Absolute Maximum Temperature	24 th Sept.	34.2°C	94°F
Absolute Minimum Temperature	6,28 & 29 th Sept.	26.0°C	79°F
Average Relative Humidity		74 %	
Rainfall			
Total Monthly Rainfall		95.3 mm	3.8 in.
24-hr Maximum Rainfall	30 th Sept.	14.2 mm	0.6 in.
Number of Rain Days (with 1.0+ mm)		13 days	
Number of Heavy Rain Days (with 10.0+ mm)		3 days	
Number of days with thunderstorm		10 days	
2020 Cumulative Rainfall		681.0 mm	26.8 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:04 (hrs:mins)	
Maximum Daily sunshine	5 th & 16 th Sept.	11:00 (hrs:mins)	
Minimum Daily sunshine	27 th Sept.	2:30 (hrs:mins)	
Average Cloud Coverage	Partly Cloudy	46.94%	
Wind & Pressure			
Average Wind Speed		7 kt.	8 mph
Maximum Wind Gust	1 st Sept.	26 kt.	30 mph
Average Air Pressure (QNH)		1014.1 mb	
Remarks: Rainfall for the month of September was within the normal range. Most of the rainfall this month was as a result of tropical waves drifting through the area. September 2020 was the warmest September in 33 years. A maximum temperature of 34.2°C was measured this was the highest temperature reported for the year so far and the highest September Maximum since 1991. There were 22 hot days in September; nine (9) of which were very hot days and six (6) extremely hot and there were four (4) heatwave periods.			