



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



Temperature			
Daily Average Air Temperature		29.3°C	85°F
Absolute Maximum Temperature	19 th Aug.	33.3°C	92°F
Absolute Minimum Temperature	22 nd Aug.	24.5°C	76°F
Average Relative Humidity		74 %	
Rainfall			
Total Monthly Rainfall		97.2 mm	3.8 in.
24-hr Maximum Rainfall	21 st Aug.	30.8 mm	1.2 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	4 days		
2020 Cumulative Rainfall		585.7 mm	23.1 in.
Sunshine & Clouds			
Daily Average Sunshine Duration		9:33 (hrs:mins)	
Maximum Daily sunshine	6 th Aug.	11:36 (hrs:mins)	
Minimum Daily sunshine	22 nd Aug.	1:06 (hrs:mins)	
Average Cloud Coverage	Fair to Partly cloudy	42.84%	
Wind & Pressure			
Average Wind Speed		9 kt.	10 mph
Maximum Wind Gust	22 nd Aug.	33 kt.	38 mph
Average Air Pressure (QNH)		1015.7 mb	
<p>Remarks: Rainfall for the month of August was within the normal range. A tropical storm watch was issued for the island on August 20th for tropical depression #13 and then upgrade to a tropical storm warning the following day for tropical storm Laura. The center of Laura passed approximately 80 miles south southwest of St. Maarten on August 21st. Rainfall from this system amounted to 51mm/2inches; 30.8mm on the 21st and 20.2mm on the 22nd and the highest gust measured was 33kts/38mph. There were 23 hot days in August and eleven (11) very hot day as well as four (4) heat waves the longest being ten (10) days (11th to 20th).</p>			