



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



| <b>Temperature</b>  |                               |                  |          |
|---|-------------------------------|------------------|----------|
| Daily Average Air Temperature   |                               | 29.1 °C          | 84 °F    |
| Absolute Maximum Temperature  | 10,12 & 25 <sup>th</sup> Aug. | 32.3 °C          | 90 °F    |
| Absolute Minimum Temperature  | 16 <sup>th</sup> Aug.         | 24.5 °C          | 76 °F    |
| Average Relative Humidity   |                               | 81 %             |          |
| <b>Rainfall</b>   |                               |                  |          |
| Total Monthly Rainfall  |                               | 99.2 mm          | 3.9 in.  |
| 24-hr Maximum Rainfall  | 16 <sup>th</sup> Aug.         | 25.4 mm          | 1.0 in.  |
| Number of Rain Days (with 1.0+ mm)  |                               | 14 days          |          |
| Number of Heavy Rain Days (with 10.0+ mm)   |                               | 3 day            |          |
| 2017 Cumulative Rainfall  |                               | 629.2 mm         | 24.8 in. |
| <b>Sunshine &amp; Clouds</b>  |                               |                  |          |
| Daily Average Sunshine Duration   |                               | 9:32 (hrs:mins)  |          |
| Maximum Daily sunshine  | 27 <sup>th</sup> Aug.         | 11:24 (hrs:mins) |          |
| Minimum Daily sunshine  | 2 <sup>nd</sup> Aug.          | 2:42 (hrs:mins)  |          |
| Average Cloud Coverage  | Variable                      | 48.6%            |          |
| <b>Wind &amp; Pressure</b>  |                               |                  |          |
| Average Wind Speed  |                               | 10 kt.           | 10 mph   |
| Maximum Wind Gust   | 10 <sup>th</sup> Aug.         | 34 kt.           | 39 mph   |
| Average Air Pressure (QNH)  |                               | 1015.4 mb        |          |
| <b>Remarks: Tropical waves were the main contributor to the total rainfall during the month of August including the rainiest day August 16<sup>th</sup>. Tropical Storm Harvey passed well south of St. Maarten around August 17<sup>th</sup> 2017.</b> |                               |                  |          |