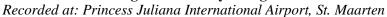


Meteorological Department St. Maarten

Climatological Summary – August 2018





| Temperature | | | | |
|---|---|-------------------|------------------|--|
| Daily Average Air Temperature | | 28.6°C | 83°F | |
| Absolute Maximum Temperature | 5 th & 10 th Aug. | 32.9°C | 91°F | |
| Absolute Minimum Temperature | 30 th Aug. | 24.6°C | 76°F | |
| Average Relative Humidity | | 72 % | | |
| Rainfall | | | | |
| Total Monthly Rainfall | | 80.6 mm | 3.2 in. | |
| 24-hr Maximum Rainfall | 29 th Aug. | 12.2 mm | 0.5 in. | |
| Number of Rain Days (with 1.0+ mm) | | 16 days | | |
| Number of Heavy Rain Days (with 10.0+ mm) | | 3 days | | |
| 2018 Cumulative Rainfall | | 433.4 mm 17.1 in. | | |
| Sunshine & Clouds | | | | |
| Daily Average Sunshine Duration | | 9: 40 (hrs:mins) | | |
| Maximum Daily sunshine | 9 th Aug. | 11:48 (h | 11:48 (hrs:mins) | |
| Minimum Daily sunshine | 30 th Aug. | 0:00 (h | 0:00 (hrs:mins) | |
| Average Cloud Coverage | Partly Cloudy | 42.07% | | |
| Wind & Pressure | | | | |
| Average Wind Speed | | 10 kt. | 12 mph | |
| Maximum Wind Gust | | N/A | N/A | |
| Average Air Pressure (QNH) | | | 1017.3 mb | |

Remarks: The Atlantic High pressure ridge remained dominant most of the time throughout the month of August. A few tropical waves drifted across the island chain producing some rainfall activity this month. Rainfall was within the normal range for this month with 3 heavy rainfall days. Two tropical storms formed in the month of August; Debby and Ernesto formed in the north Atlantic on August 7th and 15th respectively. They posed no threat to St. Maarten.