



Meteorological Department St. Maarten
Climatological Summary – August 2016
Recorded at: Princess Juliana International Airport, St. Maarten



| Temperature | | | |
|---|-------------------------|------------------|----------|
| Daily Average Air Temperature | | 29.1°C | 84 °F |
| Absolute Maximum Temperature | 26 th August | 32.8°C | 91 °F |
| Absolute Minimum Temperature | 24 th August | 24.5°C | 76 °F |
| Average Relative Humidity | | 77 % | |
| Rainfall | | | |
| Total Monthly Rainfall | | 49.5 mm | 1.9 in. |
| 24-hr Maximum Rainfall | 4 th August | 18.3 mm | 0.7 in. |
| Number of Rain Days (with 1.0+ mm) | | 9 days | |
| Number of Heavy Rain Days (with 10.0+ mm) | | 1 day | |
| 2016 Cumulative Rainfall | | 380.6 mm | 15.0 in. |
| Sunshine & Clouds | | | |
| Daily Average Sunshine Duration | | 9:20 (hrs:mins) | |
| Maximum Daily sunshine | 22 nd August | 10:54 (hrs:mins) | |
| Minimum Daily sunshine | 28 th August | 0:24 (hrs:mins) | |
| Average Cloud Coverage | Partly Cloudy to Cloudy | 50.8 % | |
| Wind & Pressure | | | |
| Average Wind Speed | | 9 kt. | 10 mph |
| Maximum Wind Gust | 24 th August | 47 kt. | 54 mph |
| Average Air Pressure (QNH) | | 1015.9 mb | |
| Evaporation | | | |
| Daily Average Evaporation | | 5.44 mm | |
| Monthly Total Evaporation | | 168.57 mm | |
| Maximum Evaporation | 18 th August | 7.27 mm | |

Remarks: The high pressure system was dominant most of the time, rainfall for the month of August was below normal.