



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



| Temperature | | | |
|---|--|------------------|----------|
| Daily Average Air Temperature | | 26.8°C | 80 °F |
| Absolute Maximum Temperature | 7 th December | 30.2°C | 86 °F |
| Absolute Minimum Temperature | 20 th December | 21.8°C | 71 °F |
| Average Relative Humidity | | 79 % | |
| Rainfall | | | |
| Total Monthly Rainfall | | 155.5 mm | 6.1 in. |
| 24-hr Maximum Rainfall | 23 rd December | 31.1 mm | 1.2 in. |
| Number of Rain Days (with 1.0+ mm) | | 19 days | |
| Number of Heavy Rain Days (with 10.0+ mm) | | 5 days | |
| 2016 Cumulative Rainfall | | 816.6 mm | 32.1 in. |
| Sunshine & Clouds | | | |
| Daily Average Sunshine Duration | | 8:15 (hrs:mins) | |
| Maximum Daily sunshine | 3 rd & 5 th December | 09:54 (hrs:mins) | |
| Minimum Daily sunshine | 31 st December | 2:06 (hrs:mins) | |
| Average Cloud Coverage | Partly Cloudy | 44.3% | |
| Wind & Pressure | | | |
| Average Wind Speed | | 11 kt. | 13 mph |
| Maximum Wind Gust | 18 th December | 42 kt. | 48 mph |
| Average Air Pressure (QNH) | | 1016.7 mb | |
| Evaporation | | | |
| Daily Average Evaporation | | 3.3 mm | |
| Monthly Total Evaporation | | 96.0 mm | |
| Maximum Evaporation | 6 th November | 5.2 mm | |

Remarks: Instability caused by upper level troughs and frontal boundaries contributed to increased rainfall activity during the month of December.