



**Meteorological Department St. Maarten**  
**Climatological Summary – January 2015**  
Recorded at: Princess Juliana International Airport, St. Maarten



| <b>Temperature</b>                        |   |                  |         |
|---|---|------------------|---------|
| Daily Average Air Temperature             |   | 26.2°C           | 79°F    |
| Absolute Maximum Temperature              | 30 <sup>th</sup> Jan.                   | 29.5°C           | 85°F    |
| Absolute Minimum Temperature              | 12 <sup>th</sup> Jan.                   | 21.7°C           | 71°F    |
| Average Relative Humidity                 |   | 73 %             |         |
| <b>Rainfall</b>                           |   |                  |         |
| Total Monthly Rainfall                    |   | 39.5 mm          | 1.6 in. |
| 24-hr Maximum Rainfall                    | 3 <sup>rd</sup> & 13 <sup>th</sup> Jan. | 6.6 mm           | 0.3 in. |
| Number of Rain Days (with 1.0+ mm)        |   | 10 days          |         |
| Number of Heavy Rain Days (with 10.0+ mm) |   | 0 days           |         |
| 2015 Cumulative Rainfall                  |   | 39.5 mm          | 1.6 in. |
| <b>Sunshine &amp; Clouds</b>              |   |                  |         |
| Daily Average Sunshine Duration           |   | 9:00 (hrs:mins)  |         |
| Maximum Daily sunshine                    | 22 <sup>nd</sup> Jan.                   | 10:24 (hrs:mins) |         |
| Minimum Daily sunshine                    | 18 <sup>th</sup> Jan.                   | 5:24 (hrs:mins)  |         |
| Average Cloud Coverage                    | Fair                                    | 34.7 %           |         |
| <b>Wind &amp; Pressure</b>                |   |                  |         |
| Average Wind Speed                        |   | 9 kt.            | 10 mph  |
| Maximum Wind Gust                         | 12 <sup>th</sup> Jan.                   | 35 kt.           | 40 mph  |
| Average Air Pressure (QNH)                |   | 1017.7 mb        |         |
| <b>Evaporation</b>                        |   |                  |         |
| Daily Average Evaporation                 |   | 3.6 mm           |         |
| Monthly Total Evaporation                 |   | 111.3 mm         |         |
| Maximum Evaporation                       | 23 <sup>rd</sup> Dec.                   | 5.40 mm          |         |

**Remarks: The high pressure ridge was the main feature influencing the weather this month producing breezy conditions across the island.**