



Meteorological Department St. Maarten
Climatological Summary – August 2025
Recorded at: Princess Juliana International Airport, St. Maarten



| Temperature | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------|----------|
| Daily Average Air Temperature | | 29.4 °C | 85 °F |
| Absolute Maximum Temperature | 12 th Aug. | 34.2 °C | 94 °F |
| Absolute Minimum Temperature | 17 th Aug. | 25.0 °C | 77 °F |
| Average Relative Humidity | | 86.6 % | |
| Rainfall | | | |
| Total Monthly Rainfall | | 83.6 mm | 3.3 in. |
| 24-hr Maximum Rainfall | 16 th Aug. | 51.5 mm | 2.0 in. |
| Number of Rain Days (with 1.0+ mm) | | 10 days | |
| Number of Heavy Rain Days (with 10.0+ mm) | | 1 day | |
| Number of days with thunderstorm | | 7 days | |
| 2025 Cumulative Rainfall | | 394.6 mm | 15.6 in. |
| Sunshine & Clouds | | | |
| Daily Average Sunshine Duration | | 9:43 (hrs:mins) | |
| Maximum Daily sunshine | 22 nd Aug. | 11:24 (hrs:mins) | |
| Minimum Daily sunshine | 16 th Aug. | 0:00 (hrs:mins) | |
| Average Cloud Coverage | Mostly Fair | 46.9 % | |
| Wind & Pressure | | | |
| Average Wind Speed | | 9 kt. | 10 mph |
| Maximum Wind Gust | 16 th Aug. | 35 kt. | 40 mph |
| Average Air Pressure (QNH) | | 1015.8 mb | |
| Remarks: | | | |
| August 2025 recorded normal rainfall and temperatures were generally above normal. The island recorded heavy rainfall on the 16 th in association with the passage of TS Erin maximum wind gust experienced was 35kt/40mph. | | | |