

Monthly Meteorological Data for August 2011 - Morris Plains, New Jersey

| Day | Temperature | | | | Degree Days | Barometric Pressure | | | Wind (mph) | | | Precipitation | | General Observations | | |
|---|-------------|------------------------|----------|------|-------------|---------------------|-------|--------|------------------|---------------------|----------------------------------|---------------|-------|-----------------------------|---------------|-----------------------|
| | Max | Min | Mean | Dep | | Max | Min | Mean | Avg W.S. | Gust | Dom Dir | Rain | Snow | | | |
| 1 | 94 | 64 | 79.0 | 7.0 | -14 | 30.06 | 29.74 | 29.90 | 0 | 11 | WSW | 0.00 | 0.0 | Partly Cloudy | | |
| 2 | 90 | 67 | 78.5 | 6.0 | -14 | 29.85 | 29.67 | 29.76 | 1 | 13 | WNW | 0.00 | 0.0 | Partly Cloudy | | |
| 3 | 87 | 60 | 73.5 | 1.0 | -9 | 29.85 | 29.69 | 29.77 | 0 | 10 | WNW | 0.53 | 0.0 | Partly Sunny AM, Showers PM | | |
| 4 | 87 | 64 | 75.5 | 2.0 | -11 | 30.09 | 29.82 | 29.96 | 0 | 10 | E | 0.04 | 0.0 | Mostly Sunny | | |
| 5 | 90 | 61 | 75.5 | 2.5 | -11 | 30.15 | 30.00 | 30.08 | 0 | 1 | E | 0.00 | 0.0 | Partly Cloudy | | |
| 6 | 85 | 65 | 75.0 | 2.5 | -10 | 30.15 | 29.91 | 30.03 | 0 | 9 | E | 0.13 | 0.0 | Cloudy | | |
| 7 | 90 | 70 | 80.0 | 8.5 | -15 | 29.91 | 29.55 | 29.73 | 0 | 12 | N | 0.47 | 0.0 | No Observations | | |
| 8 | 91 | 69 | 80.0 | 8.5 | -15 | 29.73 | 29.53 | 29.63 | 0 | 13 | WSW | 0.03 | 0.0 | No Observations | | |
| 9 | 82 | 64 | 73.0 | 0.5 | -8 | 29.73 | 29.55 | 29.64 | 0 | 8 | ESE | 1.19 | 0.0 | No Observations | | |
| 10 | 86 | 65 | 75.5 | 3.0 | -11 | 29.81 | 29.59 | 29.70 | 0 | 10 | WSW | 0.00 | 0.0 | No Observations | | |
| 11 | 83 | 58 | 70.5 | -1.5 | -6 | 30.04 | 29.81 | 29.93 | 0 | 10 | NW | 0.00 | 0.0 | No Observations | | |
| 12 | 86 | 54 | 70.0 | -1.5 | -5 | 30.14 | 29.92 | 30.03 | 0 | 10 | NW | 0.00 | 0.0 | No Observations | | |
| 13 | 88 | 56 | 72.0 | 1.5 | -7 | 30.17 | 29.99 | 30.08 | 0 | 10 | SW | 0.30 | 0.0 | Showers PM | | |
| 14 | 69 | 65 | 67.0 | -4.0 | -2 | 30.04 | 29.81 | 29.93 | 0 | 10 | SW | 3.37 | 0.0 | Rain | | |
| 15 | 74 | 64 | 69.0 | -2.5 | -4 | 29.82 | 29.68 | 29.75 | 0 | 9 | ESE | 0.85 | 0.0 | Rain | | |
| 16 | 81 | 63 | 72.0 | 0.5 | -7 | 30.11 | 29.77 | 29.94 | 0 | 9 | N | 0.61 | 0.0 | Rain | | |
| 17 | 89 | 60 | 74.5 | 3.0 | -10 | 30.22 | 30.05 | 30.14 | 0 | 7 | SW | 0.00 | 0.0 | Sunny | | |
| 18 | 87 | 60 | 73.5 | 2.0 | -9 | 30.17 | 29.91 | 30.04 | 0 | 9 | WSW | 0.27 | 0.0 | Showers AM | | |
| 19 | 89 | 61 | 75.0 | 5.0 | -10 | 30.03 | 29.84 | 29.94 | 0 | 23 | WSW | 0.69 | 0.0 | T-Storm PM | | |
| 20 | 89 | 57 | 73.0 | 3.5 | -8 | 30.07 | 29.91 | 29.99 | 0 | 7 | W | 0.00 | 0.0 | Mostly Sunny | | |
| 21 | 85 | 63 | 74.0 | 5.0 | -9 | 30.06 | 30.00 | 30.03 | 0 | 22 | W | 1.26 | 0.0 | Rain | | |
| 22 | 82 | 56 | 69.0 | 0.5 | -4 | 30.08 | 29.82 | 29.95 | 0 | 17 | NNE | 0.00 | 0.0 | Mixed Clds & Sun | | |
| 23 | 82 | 53 | 67.5 | -1.0 | -3 | 30.18 | 30.00 | 30.09 | 0 | 9 | WSW | 0.00 | 0.0 | Partly Cloudy | | |
| 24 | 85 | 53 | 69.0 | 0.5 | -4 | 30.20 | 29.94 | 30.07 | 0 | 9 | WSW | 0.00 | 0.0 | Partly Cloudy | | |
| 25 | 80 | 63 | 71.5 | 3.0 | -7 | 30.02 | 29.86 | 29.94 | 0 | 10 | WSW | 0.95 | 0.0 | Showers | | |
| 26 | 91 | 66 | 78.5 | 9.5 | -14 | 30.07 | 29.91 | 29.99 | 0 | 5 | ENE | 0.00 | 0.0 | Hazy Sun | | |
| 27 | 77 | 69 | 73.0 | 3.5 | -8 | 30.02 | 29.54 | 29.78 | 0 | 19 | W | 2.66 | 0.0 | Hurricane Irene | | |
| 28 | 73 | 62 | 67.5 | -3.0 | -3 | 29.83 | 28.77 | 29.30 | 4 | 32 | WSW | 5.72 | 0.0 | Hurricane Irene | | |
| 29 | 80 | 50 | 65.0 | -5.0 | 0 | 30.15 | 29.83 | 29.99 | 0 | 12 | WSW | 0.00 | 0.0 | Sunny | | |
| 30 | 86 | 52 | 69.0 | -1.0 | -4 | 30.25 | 30.07 | 30.16 | 0 | 6 | NW | 0.00 | 0.0 | Sunny | | |
| 31 | 88 | 54 | 71.0 | 1.0 | -6 | 30.30 | 30.13 | 30.22 | 0 | 0 | WNW | 0.00 | 0.0 | Hazy Sun, Warm | | |
| Max: | 94 | Aug 01 | Avg Max: | | 84.7 | Max: | 30.30 | Aug 31 | Avg. Wind Speed: | | 0.2 | 5.72 | 0.0 | 24 Hour Maximum | | |
| Min: | 50 | Aug 29 | Avg Min: | | 60.9 | Min: | 28.77 | Aug 28 | Peak Gust: | | 32 | 16 | 0 | Number of Days > 0.01" | | |
| Mean: | 72.8 | Departure From Normal: | | | 2.0 | Mean: | | | 29.92 | Dominant Direction: | | WSW | 19.07 | 0.0 | Monthly Total | |
| Days with Maximum Temperatures Above 90F: | | | | | | | | | 5 | | Monthly Precipitation Departure: | | | | 14.63 | (inches above normal) |
| Days with Maximum Temperatures Below 32F: | | | | | | | | | 0 | | Yearly Rainfall Total | | | | 57.32 | |
| Days with Minimum Temperatures Below 32F: | | | | | | | | | 0 | | | | | | | |
| Total Monthly Degree Days: | | | | | | | | | -242 | | (Degree Day Base 65) | | | | | |