**Reading 4 SW;** Berks County, PA; Lat 40"19.0'N, Lon 75"59.3'W, Elev 320 ft MSL

CoCoRaHS ID: PA-BR-2, Reading 3.5 SW Observation time: 2359 EST

Observer in Charge: Jeffrey R. Stoudt

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Period of Record: Precipitation/Snow - January 1983, Temperatures - June 1984  **March 2007**  DAILY DETAILS (monthly extremes in **bold)**  TEMPERATURES  DAY MAX MIN OBS PCPN SNOW DEPTH REMARKS (all times are EST) | | | | | | | |
| 1 | 48 | 29 | 37 | 0.14 |  | 3 | RA after 2000. |
| 2 | 59 | 34 | 34 | 1.35 |  | 1 | RA, heavy toward daybreak, ended by 1000. |
| 3 | 53 | 30 | 36 | T |  | T | Sprinkles at noon. |
| 4 | 39 | 32 | 32 | T | T | T | Feeble flurries at midday. |
| 5 | 42 | 22 | 22 | T | T | T |  |
| 6 | **25** | 15 | 17 | T | T | T |  |
| 7 | 26 | 14 | **14** | 0.16 | 1.6 | 2 | Light SN 0500-1300, then clear. |
| 8 | 35 | **9** | 25 |  |  | T |  |
| 9 | 41 | 17 | 29 |  |  | T |  |
| 10 | 58 | 27 | 45 | 0.28 |  | T | RA evening till almost midnight. |
| 11 | 50 | 32 | 32 |  |  |  |  |
| 12 | 60 | 27 | 42 |  |  |  |  |
| 13 | 69 | 36 | 58 |  |  |  |  |
| 14 | 80 | 43 | 57 |  |  |  | 15th) Gusty TS with little rain after midnight |
| 15 | 64 | 38 | 39 | 0.30 |  |  | otherwise periods of RA till daybreak 16th. |
| 16 | 39 | 26 | 27 | **1.41** | **6.3** | **6** | Back-and-forth SN/PL after daybreak. |
| 17 | 33 | 24 | 30 | T | T | 5 | Snow ended immediately after midnight. |
| 18 | 41 | 25 | 31 |  |  | 3 |  |
| 19 | 44 | 24 | 39 | 0.03 | T | 2 | Late afternoon RA began with a little SN/PL. |
| 20 | 51 | 34 | 34 | T |  |  |  |
| 21 | 47 | 25 | 41 |  |  |  |  |
| 22 | 72 | 39 | 61 | 0.19 |  |  | Early evening showers. |
| 23 | 61 | **49** | 49 | 0.48 |  |  | RA, mostly during daylight |
| 24 | 55 | 46 | 49 | 0.07 |  |  | Occasional light RA. |
| 25 | 61 | 43 | 43 |  |  |  |  |
| 26 | 58 | 38 | 49 |  |  |  |  |
| 27 | **83** | 45 | **63** |  |  |  |  |
| 28 | 66 | 46 | 46 |  |  |  |  |
| 29 | 59 | 35 | 41 |  |  |  |  |
| 30 | 68 | 31 | 44 |  |  |  |  |
| 31 | 61 | 40 | 48 |  |  |  |  |
| SUM | 1648 | 975 |  | 4.41 | 7.9 |  |  |

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 42.3 (+0.6)  
Average Maximum Temperature (Dep): 53.2 (+1.4)  
Average Minimum Temperature (Dep): 31.5 (-0.0)

Extreme Daily High Maximum Temp: 83 (+9) on 27th

Extreme Daily High Minimum Temp: 49 on 23rd

Extreme Daily Low Minimum Temp: 9 (-7) on 8th

Extreme Daily Low Maximum Temp: 25 on 6th

Heating Degree Days (Season): 696 (4204)

Cooling Degree Days (Season): 0 (0)

-- more --

Total Monthly Precipitation (Dep):   
Total Annual Pcpn through Month:   
Greatest Calendar Day Pcpn:   
Greatest Floating 24-Hour Pcpn:   
Total Monthly Snowfall (Dep):   
Total Season Snowfall (Dep):   
Greatest Calendar Day Snowfall:   
Greatest Floating 24-Hour Snowfl:   
Maximum Depth of Snow/Ice:

Days with Hail:

Days with Thunder (Dep):

4.41 (+0.25)

11.32 (-0.34)

1.41 on 16th

1.49 on 1st-2nd

7.9 (+3.6)

20.0 (-8.6)

6.3 on 16th

6.3 on 16th-17th

6 on 16th

0

1 (-0)

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Highest Wind Gust (MPH): 34 on 5th

Maximum Barometric Pressure: 30.68 on 21st

Minimum Barometric Pressure: 29.28 on 2nd

Average 4-Inch Soil Temps remained slightly above freezing until the snow and   
ice pack was gone, which was at the vernal equinox, then into the 40s and 50s   
thereafter reaching a maximum of 59 on the 27th.

HIGHLIGHTS

The wild and sudden weather changes of this month demonstrated the real meaning   
of March Madness. The ups and downs of temperatures were offsetting and   
averaged very slightly above normal. This March featured two winter storms   
which were separated by 9 days. But betwixt the two came temperatures ranging   
from 9 to 80 and some rain including a thunderstorm. The most drastic change   
was the onset of accumulating snow and sleet the morning of the 16th with   
temperatures diving to subfreezing only 40 hours after a balmy 80-degree   
temperature, thus suggesting a viable meaning of "beware the Ides of March." Of   
the 6.3-inch total accumulation, approximately 2 was sleet, and was the second   
major accumulation of sleet this winter season. Nevertheless, this winter storm   
laid the groundwork for a white Saint Patrick's Day during which the temperature   
climbed above freezing only slightly and briefly. But temperatures rebounded to   
above 70 only five days later, and then to a new monthly high of 83 only ten   
days after the Saint Patrick's winter wonderland. Amazingly, neither the   
extremes of cold nor heat were records for their respective dates despite not   
quite 24 years of temperature records. A search of much longer term weather   
records for the Reading area revealed the abruptness of 80 degrees to a few   
inches of snow in less than 48 hours was unprecedented. Also included in this   
March mix were a soaking rain at the beginning, a minor snowfall, and a few   
light to moderate rainfalls, as well as a few days of typical March   
temperatures. All the combined rain, sleet, and snow produced a monthly   
precipitation total that was in the high-end normal range for March.

RANKINGS THIS MONTH

Avg Temp 42.3 - Thirteenth warmest of 23 Marches

Precip 4.41 - Fifteenth wettest of 25 Marches  
Snowfall 7.9 - Sixth most of 25 Marches

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