**Reading 4 *SW;*** Berks County, PA; Lat 40°19.0'N,

CoCoRaHS ID: PA-BR-2, Reading 3.5 SW

Observer in Charge: Jeffrey R. Stoudt

Period of Record: Precipitation/Snow - January

**May 2007**

Lon 75°59.3'W, Elev 320 ft MSL

Observation time: 2359 EST •

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| --- | --- | --- | --- |
| 1983, | Temperatures - | June | 1984 |

DAILY DETAILS (monthly extremes in **bold)**

TEMPERATURES
DAY MAX MIN OBS

 1 74 48 57

 2 73 55 55

 3 72 44 48

 4 73 41 50

 5 77 41 57

 6 **65** 47 48

 7 70 **38** 50

 8 78 41 60

 9 82 52 65

10 83 **64** 68

11 84 63 63

12 83 58 58

13 71 47 **47**

14 73 **38** 56

15 88 55 74

16 83 61 61

17 71 53 55

18 **65** 47 **47**

19 70 42 57

20 76 55 59

21 73 50 50

22 78 43 58

23 80 52 60

24 85 54 66

25 91 57 72

26 88 63 66

27 90 62 66

28 84 62 62

29 83 55 60

30 89 54 **74**

31 **93 64** 69
SUM 2445 1606

PCPN SNOW DEPTH REMARKS (all times are military EST)

|  |  |  |  |
| --- | --- | --- | --- |
| 0.07 | -SHRA mid-morning; again late eve w/ TS to | N. |   |
| 0.02 | -SHRA ended long before dawn. |   |   |
| 0.03 | -TSRA late evening. |   |   |
| 0.02 | -TSRA ended long before dawn. |   |   |
| 0.14 | Few evening -SHRA/-TSTA. |   |   |
| 0.42 | Gusty TSRA 1300-1330 then -RA till 1600. |   |   |
| 0.02 | -RA late evening. |   |   |
| 0.11T | Periods of -RA before noon.Sprinkles late afternoon into evening. |   | • |
| 0.02 | Few sprinkles and -SHRA. |   |   |
| 0.08 | -TSRA toward sunset, much heavier to N. |   |   |
| 1.00 | +TSRA 1740-1810 (0.99); +TSRA to S -1900. |   |   |
| T | Few drops during afternoon. |   |   |
| **1.17** | +TSRA > -TSRA 2300 till 06/01/0030. |   |   |
| 3.10 |   |   |   |

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MONTHLY STATISTICS

Average
Average
Average
Extreme
Extreme
Extreme
Extreme
Heating
Cooling

Monthly Temperature (Dep):
Maximum Temperature (Dep):
Minimum Temperature (Dep):
Daily High Maximum Temp:
Daily High Minimum Temp:
Daily Low Minimum Temp:
Daily Low Maximum Temp:
Degree Days (Season):
Degree Days (Season):

65.3 (+3.0)

78.9 (+5.0)

51.8 (+1.2)

93 (+2) on 31st

64 on 10th, 31st

38 (+2) on 7th, 12th

65 on 6th, 18th

94 (4758)

111 (117)

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-- 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):

Highest Wind Gust (MPH):
Maximum Barometric Pressure:
Minimum Barometric Pressure:

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3.10 (-2.24)

20.37 (-0.97)

1.17 on 31st

1.21 on 31st-lst

0.0 (-0.0)

20.0 (-9.3)

0.0 on

0.0 on

0

0

8 (+3)

30 on 16th

30.44 on 7th
29.64 on 16th

Average 4-Inch Soil Temps trended upward from the mid 50s early to around 70
during the final few days and ranged from 53 on the 7th to 76 on the 31st.

HIGHLIGHTS

It appeared this May was on its way of setting a new driest May record for the
second year in a row at Reading 4 SW as the rainfall total for May stood at only
0.93, well below last May's low record of 1.15, going into the eve of Memorial
Day with only hit/miss thunderstorms forecast. But then, a heavy thunderstorm
developed over the area early Sunday evening, the 27th, and dumped an inch of
rain. And another heavy thunderstorm dropped 1.17 during the final hour of the
month. As a result, the May rainfall total at Reading 4 SW ended at a not-so-
paltry 3.10. But that is still significantly subnormal. And it extended the
streak of Mays with subnormal rainfall to four consecutive and eight of the last
nine. The two "wettest" Mays during the last ten years at Reading 4 SW, 1998
(5.68) and 2002 (5.58), fell only in the high-end normal range according to the
1971-2000 average of 5.34 for nearby Sinking Spring. Also, a significant large-
scale storm system buffeted the region for the fourth consecutive month at the
midpoint. However, this month, it manifested as a gusty thunderstorm with only
moderate rainfall at Reading 4 SW and this month's lowest barometric reading.

The first three weeks of this May brought a typical-for-May mixture of warm and
cool days. Then the remainder of the month was all warm, and even summer-like
at times, tipping the balance decisively to the warmer-than-normal side overall.
The temperature trend with respect to normal was a virtual inverted mirror image
of April with the April versus May departures offsetting almost exactly. The
entire three-day Memorial holiday weekend, for the second year in a row, was
summer-like, countering the reputation of all or part of this holiday weekend as
usually being disagreeably cloudy, cool and clammy.

RANKINGS AND EXTREMES FOR THIS MONTH

Avg Temp 65.3 - Tied with one other for fifth warmest of 23 Mays
(57.7 in 2005 to 68.3 in 2004)

Precip 3.10 Fifth driest of 25 Mays (1.15 in 2006 to 12.66 in 1989)

Snowfall 0.0 Measurable snow never observed in May; last trace in 1977

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