**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

Period of Record: Precipitation/Snow - January 1983, Temperatures - June 1984

**April 2008**

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

TEMPERATURES

DAY MAX MIN OBS PCPN SNOW DEPTH REMARKS (all times are military EST)

1 72 51 51 0.05 Few -SHRA into mid afternoon.

2 52 32 **32**

3 53 **25** 39 0.19 -RA/RA after 2030.

4 51 39 48 0.52 Periods of -RA/RA mostly AM.

5 56 46 46 0.04

6 53 44 46

**7 48** 42 46

8 63 44 49

9 64 43 53 0.01 -SHRA -1200.

10 75 49 58

11 74 **57** 62 0.32 Few -TSRA/TSRA evening.

12 76 53 53 0.08 -TSRA toward dawn.

13 56 43 43 T

14 55 32 43

15 62 32 39

16 70 32 48

17 80 37 51

18 86 44 58

19 **87** 48 62 20th) 1.26 in 40 min w/ ocnl rice-size hail.

20 69 56 56 1.34 -TSRA early a£tn (0.08); +TSRAGR 1550-1630.

21 69 55 55 T

22 73 46 54

23 77 48 **64**

24 78 51 51

25 79 45 63

26 69 49 49 0.39 RA w/ some soft thunder after 2030.

27 60 46 51 0.08 -RA morning, mostly before dawn.

28 55 47 51 **1.39** -RA/RA/brief +RA till late afternoon.

29 61 41 41

30 59 36 41

31 -- -- --

SUM 1982 1313 4.41 0.0

MONTHLY STATISTICS

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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):

54.9 (+2.3)   
66.1 (+2.1)   
43.8 (+2.6)   
87 (+3) on 19th   
57 on 11th   
25 (-3) on 3rd   
48 on 7th   
299 (4565)

4 (4)

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Total Monthly Precipitation (Dep): 4.41 (+0.07)

Total Annual Pcpn through Month: 17.76 (+1.76)

Greatest Calendar Day Pcpn: 1.39 on 28th

Greatest Floating 24-Hour Pcpn: 1.39 on 28th-28th

Total Monthly Snowfall (Dep): 0.0 (-0.7)

Total Season Snowfall (Dep): 11.3 (-17.8)

Greatest Calendar Day Snowfall: 0.0  
Greatest Floating 24-Hour Snowfl: 0.0

Maximum Depth of Snow/Ice: 0

Days with Hail: 1

Days with Thunder (Dep): 4(+1)

Highest Wind Gust (MPH): 26 on 1st

Maximum Barometric Pressure: 30.48 on 30rd

Minimum Barometric Pressure: 29.41 on 12th

Average 4-Inch Soil Temps were often below 50 during the first half and often   
rose above 60 during the second half and ranged from 41 to 65.

HIGHLIGHTS

Unlike March, which had a monthly temperature range of 41 degrees, April brought two daily ranges which were greater, 43 and 42 degrees on the 17th and 18th respectively. The monthly extremes of 25 and 87 were 3 degrees more extreme than average for April. Although there were five days with freezing   
temperatures, the latest on the 16th, only one was subfreezing. Despite some   
chill, April 2008 averaged moderately warmer than normal as warm temperatures   
outnumbered the cold. Only one day stayed below 50, a 48 max on the 7th. Three   
days reached the 80s; however, feelings of early summer were blunted by   
seasonably cool minimums those days of 37, 44, and 48. And six daily minimums   
above 50 contributed significantly to the warmer-than-normal overall average.

April precipitation totaled almost exactly normal, but missed being much wetter   
by as little as 50 miles as rainfall totaled double or more the April norms over   
Pennsylvania's south-central counties, while it missed being much drier as it   
was over much of eastern PA by a much shorter distance because Reading 4 SW was   
hit by a less than 10-mile wide heavy thunderstorm on the 20th. While Reading 4   
SW was deluged with 1.26" in 40 minutes, the nearby Reading Regional Airport   
(KRDG) and downtown Reading received only a few hundredths. However, this   
thunderstorm unloaded over 2" of rain and pea-size hail a few miles to the   
south. The majority of Berks County, which missed this heavy thunderstorm,   
became quite dry during mid and into late April until a widespread soaking of   
over 1 inch of rain brought much needed moisture on the 28th.

And this April was entirely snow-free in the Reading area. So it appears this   
year's "onion snow" of an hour-long light coating came on 22 March.

RANKINGS AND EXTREMES FOR THIS MONTH

Avg Temp 54.9 - 5th warmest of 24 Aprils (49.7 in 2007 to 55.9 in 1985)

Precip 4.41 - 12th wettest of 26 Aprils (0.65 in 1985 to 9.81 in 1983)   
Snowfall 0.0 - 6-way tie for least snow of 26 Aprils (5.1 in 2003)

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