**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

**April 2006**

Daily details (monthly extremes in **bold):**

TEMPERATURES

DAY MAX MIN OBS PCPN SNOW DEPTH REMARKS

 1 73 **53** 53 0.07 0 Little rain 0040-0140; sprinkle late morning

2 68 46 46

 3 58 43 48 0.49 Ocnl lgt rain daytime; mdt rain eve w/ thunder

 4 54 43 43 0.01 Rain ended long before dawn

 5 **46** 33 43 0.12 0.1 0 Rain/snow showers till early aftn; brief hvy...

 6 57 40 40 \_snow burst whitened ground few minutes 0740

 7 69 37 60 0.08 Period of rain toward midday; little more late

 8 60 36 **36** 0.76 T 0 Rain daybreak to mid aftn; ended little sleet

9 58 **30** 38

10 65 31 52

11 73 42 52

12 72 46 **62**

 13 77 52 52 0.03 A little rain toward daybreak

 14 63 50 54 0.10 Periods of lgt rain aftn; clrg eve then fog

 15 79 51 **62** 0.01 Foggy till daybreak; thunder N-NE late aftn

 16 70 49 53 Excellent weather for Easter

17 67 40 53

18 74 43 58

19 78 48 61

20 **84** 51 55

 21 67 44 44 0.39 Rain evening after dark

 22 50 43 48 **1.92** Rain most of the time, a much needed soaking

 23 66 47 52 0.17 Rain before dawn

 24 69 52 52 0.84 Hail T-storms dawn to 0815; ocnl downpours, intense...

 25 74 43 47 0.04 Shower early nighttime pea-size hail

 26 61 38 47 Low humidity

 27 73 38 55 Ditto

28 66 45 47 Ditto

 29 67 37 46 RH 15-20% last few afternoons

 30 72 37 52 Ground has become dry again

31

SUM 2010 1288 5.03 0.1

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):

55.0 (+2.4)

67.0 (+3.0)

42.9 (+1.8)

84 (-0) on 20th

53 on 1st

30 (+2) on 9th

46 on 5th

294 (4384)

3 (3)

|  |  |
| --- | --- |
| • | -- 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):

5.03 (+0.69)

13.57 (-2.43)

1.92 on 22nd

1.96 on 22nd-23rd

0.1 (-0.6)

23.7 (-6.2)

0.1 on 5th

0.1 on 5th-5th

T

1

4 (+1)

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Highest Wind Gust (MPH): 22 on lst, 4th

Maximum Barometric Pressure: 30.42 on 29th,30th

Minimum Barometric Pressure: 29.46 on 15th

4-Inch Soil Temps trended upward slightly during the month and ranged from 42 on
the 9th to 67 on the 19th and 29th

Highlights:

A few rainfalls during this April totaled slightly above normal but brought only
temporary relief from the very dry conditions that developed during March.
Periods of rain from Friday evening the 21st into Monday morning the 24th totaled
3.32, and provided a much needed soaking. However, very low humidity, breezes,
and nearly full sun the final five days of April quickly dried out the ground
before month's end.

Snow and rain showers during the AM hours of the 5th included a brief heavy
burst of snow that whitened the ground for only a few minutes, and was typical
of winter's last hurrah that often occurs in early April.

This April also was typical of early spring thunderstorms. The first three, on
the 3rd 7th and 15th were weak. Then the fourth occurrence, during the morning
of the 24th, was rather strong and repetitive over a few hours and included a
few downpours, close and vivid lightning bolts, and occasional rice- to pea-size
hail over a 60-minute period that was not quite enough to cover the ground.

Warmth out-dueled chill; however, there were no unusual extremes of either heat
or cold this April.

Rankings this month:

Avg Temp 55.0 - fourth warmest of 22 Aprils
Precip 5.03 - seventh wettest of 24 Aprils
Snowfall 0.1 - eighth snowiest of 24 Aprils

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