**Reading 4 SW**; Berks County, PA; Lat 40.316251, Lon -75.988661, Elev 320 ft ASL

CoCoRaHS ID: PA-BR-2, Reading 3.5 SW; CWOP ID: FW1703 Observation time: 2359 EST

Observer in Charge: Jeffrey R. Stoudt

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

**April 2025**

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

TEMPERATURES

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

1 58 40 40 T  Slight drizzle before 0030

2 55 31 47 0.18 Early evening T-shower then light rain

3 77 45 **71** 0.13 Rain dawn to forenoon

4 71 59 59 **0.85** TSTMs predawn; light rain through daybreak

5 59 48 48 0.72 Thundershowers after 2100

**6** 56 47 49 0.01 Very infrequent showers or drizzle

7 49 39 41 0.35 Light rain till mid-aft’n, steady before dawn

8 **47** 33 **34**

9 51 **28** 40

10 52 40 41 0.02 Very infrequent light rain, drizzle after 0730

11 48 41 43 0.20 Occasional lgt rain/drizzle, mostly after dusk

12 49 38 45 0.69 Steady rain till daybreak, then infrequent

**13** 62 40 40

14 70 36 61 T Sprinkle few minutes both sides of 0700

15 71 47 47 0.04 Brief squall ~1442; shower ~1600; wind damage…

16 56 41 41 …nearby NW

17 64 38 42

18 75 35 67

19 81 **62** 70

**20** 72 48 48 Pleasant weather for this Easter

21 66 47 55 0.01 Period of light rain late dusk

22 77 49 52

23 79 46 53

24 82 47 60

25 80 51 64 0.02 Occasional light rain PM

26 78 49 49 0.15 Occasional mainly light rain AM, mid-afternoon

**27** 72 46 46

28 77 40 59

29 **84** 56 68 T Very light rain 2030-2100, almost 0.01

30 79 52 52 0.02 Light rain 0230-0300

31 -- -- --

SUM 1997 1319 3.39 0.0 0

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 55.3 (+2.2)

Average Maximum Temperature (Dep): 66.6 (+2.3)

Average Minimum Temperature (Dep): 44.0 (+2.1)

Extreme Daily High Max Temp (Dep): 84 (-1) on 29th (record 94 on 17 Apr 2002)

Extreme Daily High Minimum Temp: 62 on 19th (record 70 on 26 Apr 2011)

Extreme Daily Low Min Temp (Dep): 28 (-0) on 9th (record 23 on 06 Apr 2016)+

Extreme Daily Low Maximum Temp: 47 on 8th (record 35 on 08 Apr 2003)

Heating Degree Days (Season): 299 (4440)

Cooling Degree Days (Season): 14 (16)

+ Most recent of more than one occurrence

-- more --

Total Monthly Precipitation (Dep): 3.39 (-0.76)

Total Annual Pcpn through Month: 11.93 (-3.67)

Greatest Calendar Day Pcpn: 0.85 on 4th (record 2.95 30 Apr 2014)

Greatest Floating 24-Hour Pcpn: 0.94 on 3rd-4th (rec 3.12 29-30 Apr 2014)

Total Monthly Snowfall (Dep): 0.0 (-0.5)

Total Season Snowfall (Dep): 14.9 (-13.4)

Greatest Calendar Day Snowfall: 0.0 on (record 5.1 on 07 Apr 2003)

Greatest Floating 24-Hour Snowfl: 0.0 on (rec 5.1 on 07-07 Apr 2003)

Maximum Depth of Snow/Ice: 0 on

Days with Hail: 0

Days with Thunder (Dep): 3 (-0)

Highest Wind Gust (MPH): 39 on 15th

Maximum Barometric Pressure: 30.43 on 2nd

Minimum Barometric Pressure: 29.44 on 15th

HIGHLIGHTS

April 2025 ended warmer than average at 55.3 (+2.2), and both daily highs and lows averages contributed nearly equally to the anomaly. Chill and warmth dueled during the first half with the chill slightly dominant so that the running average at the midpoint was a degree cooler than average. Then warmth prevailed convincingly during the second half to produce the above final result. No unusual cold nor heat occurred. The coolest of 28 on 9th and warmest of 84 on 29th are typical for April. The warmest low of 62 on 19th and coolest high of 47 on 8th were non-impressive. The chilly period from that low of 28 to a cold rain early on 12th might have been considered as winter’s last hurrah. Snow levels above that cold (38°) rain lowered to approximately 1000 feet ASL to the west and 500 feet several miles to the east of Reading 4 SW where wet snow accumulations on higher terrain reached up to a couple of inches which then melted in a few hours. Overall, it was a rather smooth transition to spring this March and early April. April 2024 was nearly identical with average temperatures as this April with a final average of 55.4. Officially for Reading PA (RDG), the average temperature was a tick higher than Reading 4 SW’s 55.3 at 55.4 with extremes of 28/82.

April precipitation ended slightly subnormal despite a wet first half. Only 0.24” of the 3.39” (-0.76) final total accrued after the 12th. The 5.44” of rain from the evening of 31 March to morning of the 12th came in several episodes including 0.94” within 24 hours spanning 3rd/4th, followed closely by 0.89 spanning 11th/12th. Thunder sounded three of the first five days of April then went silent the rest of the month. The aforementioned rains were significant in mitigating prevailing severe drought. Then all that progress was erased by month’s end. This April was rather windy on many days and very windy on the 15th when a mid-afternoon squall packed a gust of 39 mph at Reading 4 SW but 62 mph at RDG about the same time. While no worse than minor twig damage occurred in this immediate vicinity, a west-to-east swath of significant tree damage came as near as a half mile NW of here. Said squall brought only 0.04” of rain. Monthly precipitation in Berks County ranged from slightly under 2.0” to nearly 4.5” with most in northeastern townships and least in the west and northwestern areas of the County, and included 3.01” at RDG. April 2024 at Reading 4 SW was wetter at 4.92” and followed the same pattern as this April with a soggy first half then a much drier second half.

RANKINGS AND EXTREMES FOR THIS MONTH (APRIL)

Avg Temp 55.3 – 9th warmest of 41 (48.6 in 2018 to 58.4 in 2017)

Precip 3.39 – 19th driest of 43 (0.65 in 1985 to 9.81 in 1983)

Snowfall 0.0 – 1st least (16-way) of 43 (0.0 in 16 years to 5.1 in 2003)