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

**August 2025**

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

TEMPERATURES

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

1 77 64 64 0.22 Period of rain till around 0200, continuation…

2 83 57 62 …from evening of 7/31 (0.43)

**3** 84 56 62

4 89 57 65

5 88 62 71

6 79 68 68 0.05 Light rain late afternoon to post-dusk

7 85 64 64

8 84 57 65

9 87 59 63

**10** 89 57 64

11 90 58 71

12 93 66 75

13 92 72 73 **0.59** TSTM complex mid to late aft, brief downpour

14 90 71 **76** TSTM W ~1200, faint thunder

15 93 71 **76** 0.53 Scattered heavy t-showers around evening

16 90 **73** **76**

**17** **94** 71 75 0.11 Dissipating t-shower ~1530; lgt rain post-dusk

18 75 66 66

19 82 63 67

20 **71** 61 61 0.23 Periods rain/drizzle till mid-afternoon

21 74 60 67 0.07 Periods of drizzle daybreak till midday

22 85 57 67

23 85 59 67

**24** 84 65 70 T Few sprinkles between 0700 and 1200

25 84 62 62 T Sprinkle before dawn

26 80 53 57 0.03 Shower ~2000

27 77 51 54

28 80 51 64

29 80 56 56

30 77 **47** **53**

**31** 81 **47** 58

SUM 2602 1881 1.83 0.0 0

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 72.3 (+2.2)

Average Maximum Temperature (Dep): 83.9 (-0.9)

Average Minimum Temperature (Dep): 60.7 (-3.6)

Extreme Daily High Max Temp (Dep): 94 (-0) on 17th (record 101 on 2 Aug 2002)

Extreme Daily High Minimum Temp: 73 on 16th (record 81 on 02 Aug 2006)

Extreme Daily Low Min Temp (Dep): 47 (-6) on 30,31 (record 42 on 30 Aug 1986)

Extreme Daily Low Maximum Temp: 71 on 20th (record 61 on 21 Aug 2007)

Heating Degree Days (Season): 5 (5)

Cooling Degree Days (Season): 238 (1100)

+ Most recent of more than one occurrence

-- more --

Total Monthly Precipitation (Dep): 1.83 (-2.83)

Total Annual Pcpn through Month: 34.79 (-0.20)

Greatest Calendar Day Pcpn: 0.59 on 13th (record 4.44 31 Aug 2018)

Greatest Floating 24-Hour Pcpn: 0.65 on 30th-1st (rec 4.47 31-01 A-S 2018)

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

Total Season Snowfall (Dep): 0.0 (-0.0)

Greatest Calendar Day Snowfall: 0.0 on (record 0.0 on 00 Aug 0000)

Greatest Floating 24-Hour Snowfl: 0.0 on (rec 0.0 on 00-00 Aug 0000)

Maximum Depth of Snow/Ice: 0 on

Days with Hail: 0

Days with Thunder (Dep): 4 (-2)

Highest Wind Gust (MPH): 19 on 13th, 26th

Maximum Barometric Pressure: 30.39 on 6th

Minimum Barometric Pressure: 29.79 on 13th, 25th

HIGHLIGHTS

August 2025 at Reading 4 SW ended significantly cooler and drier than average with average temperature of 72.3 degrees (-2.2) and total precipitation of 1.83” (-2.83). Last August was warmer and wetter at 74.7 and 6.65. Officially for Reading PA (RDG), this August ended similarly at 72.2 degrees and 1.74”. Berks County rainfall totals were all subnormal and ranged from 0.4 to 3.6”, least over southeastern Berks where all thunderstorm downpours missed. The greatest occurred over central Berks County where downpours were longer-lasting. The month unfolded as three distinct chapters at Reading 4 SW.

Chapter 1: The sultriness of July ended abruptly as August began, like the turning two calendar pages. Temperatures typical of early September prevailed into the 11th, keyed by seven days with lows in the 50s, lowest 56 on the 3rd. Each of those days averaged cooler than normal but none by very much. However, the running departure by the 11th was approximately minus 4. Fair weather with low humidity prevailed, and rain fell during two days, both meager amounts.

Chapter 2: Sultriness returned during afternoon of the 11th with a low/high of 58/90, the first of seven consecutive 90s; highest was 94 on the 17th. Of those seven days, five failed to cool below 71, all consecutive. The warmest low 73 occurred on the 16th. The earlier negative temperature departure was exactly offset by the 17th. Thunderstorms prowled in vicinity during four days: 13th, 14th, 15th, and 17th. However, heavy downpours were scattered and more miss than hit or brief. Reading 4 SW got moderate rain amounts of 0.59” on 13th, 0.53” on 15th, and 0.11” on 17th to account for 1.23 of the month’s total of 1.83”.

Chapter 3: Then temperatures more like mid or late September dominated the last 14 days with 13 of them cooler than normal, the exception 2 above on the 24th. Fair weather with low humidity prevailed, interrupted briefly a few times by meager rainfall. Numerous clear, calm nights during this period and early in the month were conducive to strong nocturnal cooling, especially in low-lying areas like Reading 4 SW. A pair of lows of 47 on 30th and 31st became the coolest temperatures during August since 47 on 22 August 1988. The average of the daily lows, 60.7 (-3.6), contributed much more to the cool anomaly than the average of the highs, 83.9 (-0.9). Only Augusts of 1994 (60.2), 1986 (60.1), and 1992 (59.2) had cooler low temperature averages since 1984.

RANKINGS AND EXTREMES FOR THIS MONTH (AUGUST)

Avg Temp 72.3 – 8th coolest of 42 (69.7 in 1992 to 78.4 in 2022)

Precip 1.83 – 5th driest of 43 (0.22 in 1995 to 17.08 in 2018)

Snowfall 0.0 – Snow was never observed here during August.

Statistical summer (months JJA) averaged 75.67°F (+1.3) in temperature, with extremes of 101 on 24 June and 46 on 2 June. This averaged less than the 76.97 of summer 2024. This summer brought 40 days that heated to at least 90 which is much above the average of 22 and included three consecutive triple-digit days. Precipitation totaled 13.67” (-1.56), bolstered by 7.26” during June which was keyed by 3.21” within 24 hours spanning 30 June into 1 July.