**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

**June 2025**

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

 TEMPERATURES

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

 **1** 71 51 **57**

 2 75 **46** **57**

 3 84 49 63

 4 91 54 70

 5 90 64 72

 6 90 66 70 0.07 T-storms in vicinity mid-afternoon

 7 83 67 67 0.18 Light rain late AM, shower mid-afternoon

 **8** 78 63 63 0.24 Occasional rain PM

 9 79 63 67 0.06 Occasional light rain, drizzle before 0900

10 85 65 65 0.55 Few showers, some thunder before 0800

11 86 57 71

12 92 61 74

13 84 68 71

14 71 62 62 0.31 Occasional sprinkles AM, rain/drizzle PM

**15** **65** 59 60 0.70 Rain till dawn, then occasional drizzle

16 67 59 64 0.42 Frequent rain/drizzle, mostly daylight

17 73 63 70 0.11 Light rain, drizzle more off than on

18 87 70 73 0.26 Little rain before dawn; T-shower ~1600

19 93 68 71 0.16 Late afternoon T-shower, heavy nearby south

20 87 65 73

21 92 68 78

**22** 94 73 78 0.03 Weakened TSTMs in vicinity 1000-1430

23 100 **74** 82

24 **101** **74** **83**

25 100 73 75 0.26 At edge of strong TSTM N-NE 1700 hour

26 97 67 67 **1.83** Intense TSTM 1647-1712 then light rain

27 68 64 64 0.20 Period of rain late AM

28 87 62 72 0.48 Light shower before dawn; TSTM 1800 hour

**29** 93 69 73

30 93 69 73 1.40 TSTMs in vicinity PM, mainly dusk and after

31 -- -- --

SUM 2556 1913 7.26 0.0 0

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 74.5 (+2.6)

Average Maximum Temperature (Dep): 85.2 (+2.7)

Average Minimum Temperature (Dep): 63.8 (+2.4)

Extreme Daily High Max Temp (Dep): 101 (+6) on 24th (record 102 on 22 Jun 2024)

Extreme Daily High Minimum Temp: 74 on 23rd 24th (record 78 on 23 Jun 2024)

Extreme Daily Low Min Temp (Dep): 46 (-1) on 2nd (record 38 on 03 Jun 1986)

Extreme Daily Low Maximum Temp: 65 on 15th (record 59 on 02 Jun 2015)+

Heating Degree Days (Season): 13 (4542)

Cooling Degree Days (Season): 304 (382)

+ Most recent of more than one occurrence

 -- more --

Total Monthly Precipitation (Dep): 7.26 (+1.95)

Total Annual Pcpn through Month: 28.38 (+3.32)

Greatest Calendar Day Pcpn: 1.83 on 26th (record 3.64 on 19 Jun 2019)

Greatest Floating 24-Hour Pcpn: 2.05 on 25th-26th(rec 4.87 on 19-20 Jun 2019)

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

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

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

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

Maximum Depth of Snow/Ice: 0 on

Days with Hail: 0

Days with Thunder (Dep): 9 (+3)

Highest Wind Gust (MPH): 23 on 19th

Maximum Barometric Pressure: 30.21 on 27th

Minimum Barometric Pressure: 29.61n 1st

HIGHLIGHTS

June 2025 brought a back-and-forth between cool and very warm, but no large departures from normal till the summer solstice. The running average stood low-end normal as of the 20th. Then the heat came in very strong, save for one profoundly rain-cooled day, the remainder of the month and was keyed by six consecutive days that heated to at least 90, which included highs of 100, 101, 100 on 23rd, 24th, 25h respectively, plus two more on the last two days. The result was a final average of 74.5 (+2.6), good for fourth warmest June of 42 years. The averages of the daily lows and highs contributed nearly equally to the anomaly. The heat wave included lows of 74 on 23rd and 24th. The timing of this strong heat wave was slightly later than an even stronger heat wave during June 2024, which became a new hottest June at 76.1. Earlier this June, three consecutive days, 4th – 6th, heated to the low 90s for first occurrences of 90 this year. This June’s lowest of 46 early on the 2nd is typical. However, the coolest high of 65 came rather late on the 15th. Officially for Reading, PA (RDG), the average temperature ended at 74.2 with extremes of 46/100.

June 2025 ended quite wet with a final total rainfall of 7.26” (+1.95) and broke a streak of five consecutive drier-than-average months of June. The first five days were rainless, and the next nine delivered no more than modest amounts. Those two weeks of low rainfall allowed for ample drying after a soggy late May. Ground moisture was soon replenished thereafter. The greatest rains tarried till near the end with 1.83” on 26th and 1.40” on 30th. The great majority of the 1.83 (26th) came within 25 minutes as an intense thunderstorm downpour. Thunder occurred on eight other days of which intensities ranged from heavy rain only nearby to intense downpours right here. This June’s rainfall of 7.26” plus May’s 9.19”, considerably more some nearby locations, completely quenched recent drought, which was severe as of the beginning of May. June 2024 rainfall was much lower at 3.12”.

Rainfall within Berks County ranged mainly between 5 and 10 inches. Much of the variability resulted from the differing frequencies and durations of thunderstorm downpours. Most of the greater totals occurred upon east-central areas. Officially, RDG accrued 5.94”.

RANKINGS AND EXTREMES FOR THIS MONTH (JUNE)

Avg Temp 74.5 – 4th warmest of 42 (68.3 in 2003 to 76.1 in 2024)

Precip 3.12 – 9th wettest of 43 (1.15 in 1986 to 9.73 in 2007)

Snowfall 0.0 – Snow was never observed here during June.

The snow and heating years ended 30 June. Of the rather small snow total of 14.9” (-13.4), 9.7 of which came during January, and that allowed only small amounts for other months. Greatest single snowfall was 6.1” on 19 January. Snowfalls spanned from trace on 22 November to 0.1 on 20 February, which marked new earliest last snow, even a mere flurry, previously 29 February 2012. Heating Degree Days (HDD) totaled 4542 (normal 4957), which placed 9th least of 42. The first came quite early on 20 August, and the last on 16 June which is typical. January brought 1131 keyed by a severe arctic incursion 20-26 January. Only August (4), December (912), and January (1131) were above average for their respective months.