**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

**March 2025**

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

 TEMPERATURES

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

 1 62 25 25

 **2** **37 19 24**

 3 42 21 26

 4 60 26 49

 5 60 49 54 0.92 Rain forenoon and PM, very heavy ~2310

 6 54 36 36

 7 53 34 46

 8 51 34 34

 **9** 58 26 45

10 70 32 46

11 73 42 49

12 63 41 41

13 61 37 38

14 61 33 43

15 52 42 51 T Little drizzle around daybreak

**16** 72 **51** **56** 1.28 Heavy TSTM 2100-2130 (1.01), showers midday on

17 56 33 33 0.10 Showers before dawn; brief heavy fog predawn

18 66 32 39

19 76 33 51

20 74 43 48 0.24 Occasional PM rain, all measurable 1830-2130

21 56 36 36

22 64 34 39 T Few sprinkles during afternoon

**23** 50 30 42 0.02 Light rain toward midnight

24 54 41 45 0.09 Lgt rain before dawn; ocnl drizzle till midday

25 62 42 44

26 51 33 33 T Feeble drops at times during afternoon

27 55 27 48

28 66 35 52 0.03 Light rain toward and during dusk

29 **87** 45 53 T Few drops late afternoon

**30** 65 45 51 T Light rain during dusk

31 81 50 58 **2.29** Eve showers/TSTMs, very heavy & noisy 1700 hour

SUM 1892 1097 4.97 0.0 0

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 48.2 (+6.2)

Average Maximum Temperature (Dep): 61.0 (+9.4)

Average Minimum Temperature (Dep): 35.4 (+3.1)

Extreme Daily High Max Temp (Dep): 87 (+13) on 29th (record 89 on 30 Mar 1998)

Extreme Daily High Minimum Temp: 51 on 16th (record 63 on 16 Mar 1990)

Extreme Daily Low Min Temp (Dep): 19 (+2) on 2nd (record 5 on 06 Mar 2015)+

Extreme Daily Low Maximum Temp: 37 on 2nd (record 25 on 14 Mar 1993)

Heating Degree Days (Season): 516 (4141)

Cooling Degree Days (Season): 2 (2)

+ Most recent of more than one occurrence

 -- more --

Total Monthly Precipitation (Dep): 4.97 (+0.55)

Total Annual Pcpn through Month: 8.54 (-2.21)

Greatest Calendar Day Pcpn: 2.29 on 31st (record 3.12 21 Mar 2000)

Greatest Floating 24-Hour Pcpn: 2.29 on 31st-31st (rec 3.62 21-22 Mar 2000)

Total Monthly Snowfall (Dep): 0.0 (-4.9)

Total Season Snowfall (Dep): 14.9 (-12.9)

Greatest Calendar Day Snowfall: 0 (record 14.0 on 13 Mar 1993)

Greatest Floating 24-Hour Snowfl: 0 (rec 14.1 on 13-14 Mar 1993)

Maximum Depth of Snow/Ice: 0

Days with Hail: 0

Days with Thunder (Dep): 2 (+1)

Highest Wind Gust (MPH): 29 on 1st, 16th

Maximum Barometric Pressure: 30.31 on 27th

Minimum Barometric Pressure: 29.16 on 6th

HIGHLIGHTS

March 2025 was more warm than cool and resulted in a final average temperature of 48.2 degrees (+6.2), good for third warmest of 41, keyed by a high of 87 on the 29th which was second to only 89 on 30 March 1998 for warmest March daily high during same 41 years, and bolstered by six more days that warmed to at least 70. Late-winter cold comprised a small minority and included lowest of 19 on 2nd and 21 on 3rd. In between those cold nights, a high of 37 stood as coolest daily high, the only high below 40. Besides, only five other days chilled to below 32 plus three to 32. Many fair-weather days contributed to the average of the daily highs (61.0/+9.4) to be more anomalous than the daily lows average (35.4/+3.1) as clear skies fostered much nocturnal heat loss followed by robust diurnal rebounds, as much as 43 degrees (33 to 76 on 19th). Movement from 45 to 87 then back to 45 within 24 hours occurred when an oscillating front shifted N then S of the area. That highs average of 61.0 placed second greatest but distant to the March 2012 standard of 62.8. This March extended the streak of warmer-than-average months of March to six, including 47.1 of March 2024. However, six of the preceding seven averaged cooler than the 1991-2020 30-year average of 42.0. Officially for Reading PA (RDG), the average temperature of this March was a similar 48.1 degrees.

While fair weather dominated, it was punctuated by three widely separated substantial rainstorms, 0.92” on 5th, 1.38” on 16th into early 17th, and 2.29” during evening of the 31st. A few paltry or light rains totaling 0.38” occurred on few other days. Low rainfall, ample sun, and moderate winds allowed grounds to become quite dry in between the aforementioned substantial rains. The total of all these rains reached a moderately wet total of 4.97”, good for 15th most of 43 Marches, and was keyed by 2.29” during the final eight hours of the month of which the majority came as torrential thunderstorm downpours during the 6 PM hour. This was a raucous thunderstorm. Gentler thunder during rain on the 16th marked the first occurrence of thunder for year 2025. March 2024 was wetter with 6.23”, and more cloudiness caused low temperatures to be more anomalously warm than the highs. This March was only the fourth March during which zero (not even a flurry) snow or sleet was observed officially in the Reading area; the others were 1903, 1945, and 2012. March rains in Berks County ran a wide gamut from slightly under 2 to nearly 5 inches with most of the higher end from downtown Reading and southward. The 4.97 at Reading 4 SW was near or at the top. RDG had 3.20”. Much of the variability resulted from the very uneven distribution of rainfall from those end-of-month thunderstorms, which were not enough to end regional severe drought but must have dented it somewhat.

RANKINGS AND EXTREMES FOR THIS MONTH (MARCH)

Avg Temp 48.2 – 3rd warmest of 41 (35.9 in 1993 to 52.3 in 2012)

Precip 4.97 – 15th wettest of 43 (0.69 in 2006 to 8.26 in 1993)

Snowfall 0.0 – Least (2-way) of 43 (0.0 in 2025+ to 16.4 in 1984)