**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

**November 2024**

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

 TEMPERATURES

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

1. 81 51 51 0.01 Light rain at daybreak

 2 63 39 39

 **3** 69 33 35

 4 65 32 47

 5 78 44 **67**

 6 **84** **62** 66

 7 76 48 48

8 71 39 53

 9 59 33 33

**10** 58 31 53 0.15 Rain after 1500; only trace before 1900

11 69 49 56 0.12 Rain, mainly light into wee hours

12 57 35 35

13 54 27 30

14 50 30 41 0.02 Light rain after dusk

15 55 38 49 0.02 Light rain into wee hours

16 60 41 41

**17** 60 34 40

18 67 38 45

19 64 38 50 0.04 Occasional light rain after dusk

20 64 48 48 0.54 Rain after 2200; faint thunder at 2227

21 48 40 41 0.28 Occasional light rain, measurable AM only

22 41 36 39 0.15 T 0 Frequent light rain 0800-2200, little slush

23 53 36 47

**24** 56 40 40

25 58 32 51

26 62 34 34 0.09 Showers predawn and dawn

27 51 32 43 T Sprinkle toward midnight

28 47 39 39 **0.80** Rain AM, partial clearing PM this Thanksgiving

29 45 30 30 0.01 Sprinkles, light shower early afternoon

30 **39 24 24**

31 -- -- --

SUM 1794 1133 2.23 T 0

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 48.8 (+4.0)

Average Maximum Temperature (Dep): 59.8 (+5.7)

Average Minimum Temperature (Dep): 37.8 (+2.2)

Extreme Daily High Max Temp (Dep): 84 (+11) on 6th (record 81 on 03 Nov 2003)#

Extreme Daily High Minimum Temp: 62 on 6th (record 67 on 06 Nov 2022)

Extreme Daily Low Min Temp (Dep): 24 (+3) on 30th (record 14 on 23 Nov 2018)

Extreme Daily Low Maximum Temp: 39 on 30th (record 30 on 22 Nov 2018)+

Heating Degree Days (Season): 488 (712)

Cooling Degree Days (Season): 9 (1411)

# Previous record

+ Most recent of more than one occurrence

 -- more --

Total Monthly Precipitation (Dep): 2.23 (-1.33)

Total Annual Pcpn through Month: 42.25 (-6.29)

Greatest Calendar Day Pcpn: 0.80 on 28th (record 2.91 on 08 Nov 1996)

Greatest Floating 24-Hour Pcpn: 0.82 on 20th-21st(rec 2.98 on 08-09 Nov 1996)

Total Monthly Snowfall (Dep): T (-0.7)

Total Season Snowfall (Dep): T (-0.7)

Greatest Calendar Day Snowfall: T on 22nd (record 5.6 on 15 Nov 2018)

Greatest Floating 24-Hour Snowfl: T on 22nd-22nd (rec 5.6 on 15-16 Nov 2018)

Maximum Depth of Snow/Ice: 0

Days with Hail: 0

Days with Thunder (Dep): 1 (-0)

Highest Wind Gust (MPH): 24 on 8th

Maximum Barometric Pressure: 30.55 on 4th, 13th

Minimum Barometric Pressure: 29.34 on 22nd

HIGHLIGHTS

November 2024 began like summer and ended like winter. In between, the warmth was dominant and resulted in a final average temperature of 48.8 (+4.0). Also dominant was fair and tranquil weather, which allowed for several frosty early mornings followed by strong rebounds and also daily high temperatures being more anomalous then the lows, 59.8 (+5.7) versus 37.8 (2.2). The temperature soared to 81 on the 1st, but that was outdone by a high of 84 on the 6th which became a new warmest during any November and the latest in fall for a temperature of at least 80, both previously 81 on 3 November 2003 during last 42 years. A low of 62 paired with the high of 84 on the 6th produced a new warmest November daily mean of 73, previously 71 on 6 November 2022. In between the warmth, lows of 33 and 32 occurred on the 3rd and 4th respectively. The remainder of the month trended cooler with rather modest swings between mild and cool until the last day which chilled to a winter-like high/low of 39/24 to mark the month’s coolest daily high and low. November 2023 averaged much cooler at 43.6 with extremes of 22/71. Officially for Reading PA (RDG), the average temperature of 49.0 included extremes of 25/83.

November precipitation, which totaled 2.23” (-1.33), brought only slight relief from severe drought which was exacerbated by record-breaking dry October. Significant, but still not copious, rain did not come until late evening of the 20th when 0.54” fell with brief, faint thunder. This when added to 0.28” during morning of the 21st resulted in 0.82 within 24 hours. That was almost matched by 0.80 during Thanksgiving (the 28th) morning. Minor amounts fell on 10 other days. The only snow was a little slush mixed with light rain on the 22nd and resulted in no accumulation most places but an inch or two on nearby higher terrain. November 2023 was dry also with total of 2.73, including 0.1” of snow, but came mostly as two soakings of 1.92 and 0.78 rather late in the month. Precipitation within Berks County this November ranged mainly from 2.1 to 3.1 inches and included 2.31 at RDG.

RANKINGS AND EXTREMES FOR THIS MONTH (NOVEMBER)

Avg Temp 48.8 – 6th warmest of 41 (38.5 in 1995 to 49.6 in 2015)

Precip 2.23 – 10th driest of 42 (1.17 in 2012 to 9.50 in 2018)

Snowfall T – 11th least (15-way) of 42 (0.0 in 10 years to 5.6 in 2018)

Statistical (meteorological) autumn (months SON) averaged 58.59°F (+1.8) in temperature which razor-edged over 58.55 (2005) and 58.51 (2007) for new warmest SON cluster in 41 years. Meanwhile, total precipitation of 3.70” (-9.85) largely undercut previous least of 6.18 from 2001 for new driest SON cluster in 42 years. Temperatures ranged from 90 on 1 September to 24 on 30 November. Only snow came mixed with light rain on 22 November and brought no accumulation. Rainiest 24 hours of 0.82” occurred on 20-21 November.