**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 2023**

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

 TEMPERATURES

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

 1 54 26 44 Patchy fog wee hours

 2 59 43 44 0.02 Light rain during dawn

 3 45 30 43 **0.93** T Rain after 1445; little sleet early

 4 51 38 38 0.31 Rain at times till dawn, mostly before 0100

 **5** 58 28 37

 6 55 30 43

 7 48 34 35 0.02 T Rain showers and little wet snow before dawn

 8 49 34 34

 9 53 31 34

10 43 31 36 0.46 Rain after 1400 into evening, then drizzle

11 41 33 38 0.03 Drizzle, light rain before dawn

**12** 45 26 39 T Few drops late afternoon, late evening

13 45 37 39 0.02 Occasional light rain, sprinkles before dawn

14 **40** 33 34 T T Stray flakes at times during day

15 51 33 39

16 62 30 43

17 62 42 48 0.06 Light rain dawn, early afternoon, late evening

18 52 37 37

**19** **40** 25 **29** Scattered showers, TSTMs near dusk missed to N

20 54 **22** 37

21 63 26 48

22 **66** 40 56

23 64 **48** **57** 0.38 Periods of rain; little thunder 1900 hour

24 57 43 43 0.07 Occasional light rain predawn to forenoon

25 46 42 46 0.33 Drizzle, occasional rain after 0800

**26** 64 39 39 T Drizzle, fog wee hours then fair weather

27 65 33 40 0.12 Showers w/ distant thunder PM, rainbow ~1615

28 54 37 40

29 59 34 41 T Squally sprinkles late evening

30 49 30 30

31 60 29 59 T Few drops 1500 hour

SUM 1654 1044 2.75 T 0

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 43.5 (+1.5)

Average Maximum Temperature (Dep): 53.4 (+1.8)

Average Minimum Temperature (Dep): 33.7 (+1.4)

Extreme Daily High Max Temp (Dep): 66 (-6) on 23rd (record 89 on 30 Mar 1998)

Extreme Daily High Minimum Temp: 48 on 23rd (record 63 on 16 Mar 1990)

Extreme Daily Low Min Temp (Dep): 22 (+6) on 20th (record 5 on 06 Mar 2015)+

Extreme Daily Low Maximum Temp: 40 on 14th 19th (record 25 on 14 Mar 1993)

Heating Degree Days (Season): 659 (3880)

Cooling Degree Days (Season): 0 (0)

+ Most recent of more than one occurrence

 -- more --

Total Monthly Precipitation (Dep): 2.75 (-1.67)

Total Annual Pcpn through Month: 8.09 (-2.66)

Greatest Calendar Day Pcpn: 0.93 on 3rd (record 3.12 21 Mar 2000)

Greatest Floating 24-Hour Pcpn: 1.24 on 3rd-4th (rec 3.62 21-22 Mar 2000)

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

Total Season Snowfall (Dep): 3.7 (-24.1)

Greatest Calendar Day Snowfall: T on 7th,14th (record 14.0 on 13 Mar 1993)

Greatest Floating 24-Hour Snowfl: T on 7th-7th (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): 34 on 14th

Maximum Barometric Pressure: 30.40 on 21st

Minimum Barometric Pressure: 29.26 on 4th

HIGHLIGHTS

March is often a month of abrupt changes between winter cold with some snow and mid-Spring warmth. Last March (2022) was like that. However, weather this March was much less changeable as temperatures remained within a rather narrow range of 22 and 66, both several degrees less extreme than usual. However, only two days separated this March’s “extremes”, 22 on 20th to 66 on 22nd. Eight days warmed to at least 60, and 13 days chilled to freezing. Further, the coolest daily high of 40 on 14th and warmest low of 48 on 23rd were both less extreme than usual. Overall, this March averaged slightly warmer than normal at 43.5 (+1.5) degrees. The average of the daily highs (53.4/+1.8) contributed slightly more to the anomaly than the average of the daily lows (33.7/+1.4). And this March marked the fourth consecutive March warmer than average. Last March was warmer and much wilder at 44.7 with extremes of 18/76. Officially for Reading PA (RDG), the final average was slightly lower at 43.2 with lowest/highest of 23/66 on the same dates.

Precipitation came strongly early with 1.26” by the 4th, including 1.24 within 24 hours ending by dawn on the 4th. But the remaining 27 days brought only several days with meager to moderate amounts which raised the final total to only 2.75” (-1.67). The precipitation included a little sleet on the 3rd and feeble snow on the 7th and 14th to mark the seventh March of 41 which brought no more than traces of snow/sleet. Thunder was heard on two days, both from rather distant storm cells to the south. March 2022 delivered 3.48” which included 3.9” of snow. Precipitation in Berks County was subnormal throughout mostly within a narrow range from 2.3 to 3.3 inches, including 2.53 at RDG. Finally, this March was typically windy and included peak gusts of 34 mph at Reading 4 SW and 49 at RDG.

RANKINGS AND EXTREMES FOR THIS MONTH (MARCH)

Avg Temp 43.5 – 18th warmest of 39 (35.9 in 1993 to 52.3 in 2012)

Precip 2.75 – 10th driest of 41 (0.69 in 2006 to 8.26 in 1993)

Snowfall T – 2nd (6-way) least of 41 (0.0 in 2012 to 16.4 in 1984)