**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

**April 2021**

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

TEMPERATURES

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

1 53 31 32 0.15 **T T** Ocnl rain till 0700; snow shower ~2330

2 **44** 27 **29**

3 54 **25** 46

**4** 69 39 48 Beautiful weather for Easter

5 70 41 57

6 73 42 55

7 74 48 53 0.03 Light rain predawn; sprinkle ~0950

8 74 43 53

9 61 50 54 T Sprinkle, drizzle small minority of day, eve

10 68 51 54 0.01 Little rain before dawn

**11** 66 50 50 **1.57** Rain 0230-1130; late eve TSTM

12 51 48 48 0.07 Rain before 0100; slight drizzle late morning

13 67 47 47

14 65 43 52 0.01 Sprinkles 1000-1300

15 62 43 43

16 55 39 46 T Few feeble sprinkles during day

17 58 41 48

**18** 66 47 47

19 67 40 51 0.01 Shower ~1515

20 76 41 60

21 69 36 36 0.02 Light showers midday; faint thunder distant E

22 51 33 41

23 65 34 51

24 68 38 50 0.08 Periods of rain dusk…

**25** 66 48 50 0.34 …till 0700

26 62 40 42

27 78 41 56

28 **87** 52 **68**

29 79 **64** 67 0.13 few occasions of mainly light rain

30 68 46 46 0.02 Rain squall ~1130; few sprinkles forenoon-aft

31 -- -- --

SUM 1966 1268 2.44 T 0

MONTHLY STATISTICS

Average Monthly Temperature (Dep): 53.9 (+0.8)

Average Maximum Temperature (Dep): 65.5 (+1.3)

Average Minimum Temperature (Dep): 42.3 (+0.4)

Extreme Daily High Max Temp (Dep): 87 (+2) on 28th (record 94 on 17 Apr 2002)

Extreme Daily High Minimum Temp: 64 on 29th (record 70 on 26 Apr 2011)

Extreme Daily Low Min Temp (Dep): 25 (-3) on 3rd (record 23 on 06 Apr 2016)+

Extreme Daily Low Maximum Temp: 44 on 2nd (record 35 on 08 Apr 2003)

Heating Degree Days (Season): 336 (4443)

Cooling Degree Days (Season): 12 (14)

+ Most recent of more than one occurrence

-- more --

Total Monthly Precipitation (Dep): 2.44 (-1.71)

Total Annual Pcpn through Month: 13.53 (-2.07)

Greatest Calendar Day Pcpn: 1.57 on 11th (record 2.95 30 Apr 2014)

Greatest Floating 24-Hour Pcpn: 1.64 on 11th-12th (rec 3.12 29-30 Apr 2014)

Total Monthly Snowfall (Dep): T (-0.5)

Total Season Snowfall (Dep): 42.8 (+14.5)

Greatest Calendar Day Snowfall: T on 1st (record 5.1 on 07 Apr 2003)

Greatest Floating 24-Hour Snowfl: T on 1st-1st (rec 5.1 on 07-07 Apr 2003)

Maximum Depth of Snow/Ice: T on 1st

Days with Hail: 0

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

Highest Wind Gust (MPH): 34 on 30th

Maximum Barometric Pressure: 30.45 on 3rd

Minimum Barometric Pressure: 29.46 on 29th

HIGHLIGHTS

April 2020 began rather cold with three days of subfreezing low temperatures, including the month’s lowest of 25 on the 3rd, and a snow shower toward midnight of the 1st. These conditions plus a high of 44 on the 2nd proved to be the last of winter-like weather of spring, barring any very unusual cold in May. Warm days outnumbered the cool days during the remaining 27 days such that the month’s final average temperature came to 53.9 (+0.8). The running average was at exactly normal as of the 26th. Then an early feel of summer, keyed by a high temperature of 87 on the 28th and a low of 64 on the 29th, clinched a warmer-than-average April overall. Chill did make a brief comeback from evening of 21st to morning of 23rd and included near-freezing lows of 34 and 33 with a high of 51 in between. Officially for Reading (RDG), the month average was a very similar 53.8 with the same extremes of 25 and 87. April 2020 at Reading 4 SW was much cooler with a final average of 49.9 with extremes of 28 and 74.

Total rainfall of only 2.44 (-1.71) inches was keyed by 1.64 within 24 hours, including 1.57 on the 11th plus a spillover of 0.07 early on the 12th. That soaking contained the year’s first occurrence of thunder, which was a boisterous thunderstorm with several minutes of very heavy rain. Otherwise, significant rainfall was scarce. Thus, that one storm of heavy rain was needed to stave off dry conditions. April rainfall totals in Berks County were all deficient and ranged from 1.5 to 3.0 inches, including 2.29 at RDG, the lesser NE of Reading and the greater W of Reading and near the Blue Mountain range. April 2020 at Reading 4 SW was much rainier with total of 6.79, which included as much as 2.93 within 24 hours.

Several windy days exacerbated drying, and mostly on the final day during which wind peaked at 34 mph at Reading 4 SW, but rose to 54 mph at RDG. However, April 2020 outdid this April’s winds, including the 30th with 35 mph (57 RDG), but blew even faster on the 9th with peak gust of 45 mph (59 RDG).

RANKINGS AND EXTREMES FOR THIS MONTH (APRIL)

Avg Temp 53.9 – 13th warmest of 37 (48.6 in 2018 to 58.4 in 2017)

Precip 2.44 – 9th driest of 39 (0.65 in 1985 to 9.85 in 1983)

Snowfall T – 2nd least (13-way) of 39 (0.0 in 13 years to 5.1 in 2003)