**Reading 4 SW;** Berks County, PA; Lat 40°19.0'N, Lon 75°59.3'W, Elev 320 ft MSL

CoCoRaHS ID: PA-BR-2, Reading 3.5 SW Observation time: 2359 EST

Observer in Charge: Jeffrey R. Stoudt

Period of Record: Precipitation/Snow - January 1983, Temperatures - June 1984

**January 2008**

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

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TEMPERATURES
DAY MAX MIN OBS

1 50 31 36

2 56 18 18

3 **25** 15 **15**

4 40 15 35

5 45 21 35 0.05

6 53 34 45 0.01

7 65 **44** 44

8 **67** 40 **59**

9 63 43 44

10 50 32 41

11 53 39 41

12 47 30 30

13 48 25 36 0.16

14 39 33 33 0.07

15 36 27 31 T

16 39 26 26 T

17 35 26 34 **0.54**

18 46 31 32 0.04

19 37 28 33

20 35 15 **15**

21 27 **13** 17

22 40 16 32 T T

23 39 22 22

24 35 17 24 T T

25 33 20 23

26 34 20 31

27 40 29 29

28 42 23 28

29 39 26 38 0.10

30 48 29 29 0.18

31 39 22 32

SUM 1323 810 1.58 2.5

PCPN SNOW DEPTH REMARKS (all times are military EST)

0.01 --RA at daybreak.

T T -SNSH before dawn.

* RA evening...

...ended soon after midnight.

 0.17 Brief +RASH 0745-0800.

 0.08 RA late evening.

 0.17 Occasional -RA/DZ till early afternoon.

T
T
T

2.5

* RA evening.

Occasional -RA, mixed with slush AM.

Few --SNSH.

Ditto.

**2** Wet SN afternoon changed to RA by 1900.

T RA ended long before dawn.

T

T

T

T Few --SNSH.

T

0 Few --SNSH.

Occasional -RA after daybreak.
RA before dawn.

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MONTHLY STATISTICS

Average
Average
Average
Extreme
Extreme
Extreme
Extreme
Heating
Cooling

Monthly Temperature (Dep):
Maximum Temperature (Dep):
Minimum Temperature (Dep):
Daily High Maximum Temp:
Daily High Minimum Temp:
Daily Low Minimum Temp:
Daily Low Maximum Temp:
Degree Days (Season):
Degree Days (Season):

34.4 (+2.9)

42.7 (+3.3)

26.1 (+2.4)

67 (+6) on 8th

44 on 7th

13 (+7) on 21st

25 on 3rd

939 (2682)

0 (0)

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-- more --

Total Monthly Precipitation (Dep):
Total Annual Pcpn through Month:
Greatest Calendar Day Pcpn:
Greatest Floating 24-Hour Pcpn:
Total Monthly Snowfall (Dep):
Total Season Snowfall (Dep):
Greatest Calendar Day Snowfall:
Greatest Floating 24-Hour Snowfl:
Maximum Depth of Snow/Ice:

Days with Hail:

Days with Thunder (Dep):

Highest Wind Gust (MPH):
Maximum Barometric Pressure:
Minimum Barometric Pressure:

1.58 (-2.90)

1.58 (-2.90)

0.54 on 17th

0.58 on 17th-18th

2.5 (-7.7)

6.6 (-8.1)

2.5 on 17th

2.5 on 17th-17th

3 on 17th

0

0 (-0)

28 on 30th

30.71 on 21st
29.34 on 30th

Average 4-Inch Soil Temps remained in the 30s except for the 40s at times during
the 7th into the 11th.

HIGHLIGHTS

|  |  |
| --- | --- |
| January turned out to be dry and mild at Reading 4 SW. The 1.58" of total precipitation became a new driest January of 26, slipping under the 1.75" total of January 1985, the only other January to fall short of 2" during the last 26 years. The low total came despite 12 days of measurable precipitation, which is normal. The 1.58" total included the melt water of 2.5" of snowfall, which all fell within a few hours during the afternoon of the 17th before changing to rain during the early evening. Traces of snow fell on six other days. As a result, snowfall was also considerably subnormal and tied for fifth in lowest January snowfall of 26. Quite unlike December when occurrences of sleet and glaze were numerous, there were no such observations during January. However, a brief period of glaze ice was observed nearby early on the 29th. | • |

Outside of three consecutive days, 7th through 9th, when temperatures reached
the 60s, temperature departures were modest. But it was those three warm days
that tipped the balance to the warmer side of normal, enough for 7th warmest
January of the last 24. None of those 60s, the maximum of which was 67, were
records for their respective dates despite only 24 Januaries of temperature
records at Reading 4 SW. The month's minimum temperature of 13 on the 21st was
one of seven minimums below 20 and would be considered quite moderate for a
January minimum. And on only two days, the 3rd and 21st, did the temperature
fail to climb above freezing.

RANKINGS AND EXTREMES FOR THIS MONTH

|  |  |  |
| --- | --- | --- |
| Avg Temp 34.4 -Precip 1.58 - Snowfall 2.5 - | 7th warmest of 24 Januaries (39.6 in 2006 to 22.1 in 1994) 1st driest of 26 Januaries (1.58 in 2008 to 8.00 in 1996) Tie 1992 for 5th least January snowfall(0.3 in 2006 to 46.5 in 1996) | • |