5.32 (+0.84)   
5.32 (+0.84)   
1.35 on 18th   
1.43 on 2nd-3rd   
0.3 (-10.5)   
11.7 (-3.8)   
0.3 on 22nd   
0.3 on 22nd-22nd

0

2 (+2)

|  |  |  |
| --- | --- | --- |
| • | **Reading 4 SW;** Berks County, PA; Lat 40°19.0'N,  CoCoRaHS ID: PA-BR-2, Reading 3.5 SW  **January 2006** | Lon 75°59.3'W, Elev 320 ft MSL   Observation time: 2359 EST |

Daily details (monthly extremes in **bold):**

TEMPERATURES   
DAY MAX MIN OBS

1 44 31 31

2 42 31 42

3 42 37 37

4 43 36 39

5 50 **39** 40

6 41 28 29

7 35 23 35

8 47 35 39

9 61 34 40

10 49 33 33

11 52 33 44

12 59 35 37

13 51 32 **49**

14 **62** 32 32

15 33 23 **24**

16 **32 19 24**

17 43 24 43

18 62 36 36

19 50 30 45

20 61 32 46

21 **62** 37 37

22 44 27 36

23 40 32 32

24 48 26 37

25 40 32 37

26 40 32 32

27 44 22 29

28 59 27 39

29 52 31 47

30 59 **39** 52

31 52 **39** 39   
SUM 1498 962

PCPN SNOW DEPTH REMARKS

0

0.89 Rain from noontime onward

0.54 Rain before dawn; o/w, ocnl lgt rain, drizzle

0.01 Little rain before dawn

Tr Tr 0 Feeble flurries

0.44 Rain, mainly afternoon

0.01 Very foggy most of the day; little drizzle

0.77 Tr 0 T-storm toward dawn; ocnl rain aftn; eve flry  
Windiest day in a long time

Little rain early aftn w/ temp 33-34

**1.35** Rain, heavy at times, predawn to near noon

0.09 **0.3 Tr** Brief coating of sleet late evening > rain

0.86 0 Rain till early daylight

0.06 Tr 0 Evening thunder; slushy rain mid evening

Tr Tr 0 Feeble flurries

0.22 Few showers midday into evening

0.01 Very foggy AM; little drizzle

0.06 Light rain early daylight  
5.32 0.3 Tr

•

Monthly

Average   
Average   
Average   
Extreme   
Extreme   
Extreme   
Extreme   
Heating   
Cooling

statistics:

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):

39.6 (+8.6)

48.2 (+9.6)

31.0 (+7.9)

62 (+2) on 14th, 18th, 21st

39 on 5th,30th,31st

19 (+13) on 16th

32 on 16th

778 (2776)

0 (0)

• -- 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): 36 on 15th

Maximum Barometric Pressure: 30.66 on 22nd

Minimum Barometric Pressure: 29.14 on 14th

4-Inch Soil Temps held mostly in the upper 30s to low 40s and ranged from 35 to   
45.

Highlights:

January was obviously much warmer than normal with an average temperature of   
39.6 that edged out the 39.5 of 1990 and 39.0 of 1998 as the warmest Januarys of

the last 22. The mildness was persistent but not extreme. Included were five   
daily maximum temperatures of at least 60 but none greater than 62.   
Additionally, there were three 59s. Several Januarys produced a warmer extreme,   
but contained much more offsetting cold; for example, 67 last year during a   
January that averaged slightly colder than normal. Harsh cold was almost   
entirely absent with a monthly minimum temperature of only 19 on the 16th and   
was limited to a day and a half at mid-month when moderately subfreezing   
temperatures were accompanied by high winds. This January missed by a quarter   
degree for having no "ice days", days entirely at or below 32. Only January   
1990 saw all 31 days with maxima above 32. January 1998 was another near miss.   
The temperature trend of this cold season so far has been quite reminiscent of   
1989-90; however, the December-to-January reversal of 7.6 degrees of this season   
pales to 15.7 degrees from December 1989 to January 1990.

Precipitation totaled moderately above normal and was rather evenly distributed   
during the month. But there was no snow except four occurrences of feeble   
flurries or slushy rain. The 0.3 inch "snow" total was actually sleet but was   
still the least of 24 Januarys. The only two others with snowfall totals of   
less than 1.0 inch were 1995 with 0.7 and 1993 with 0.9. Thunder rumbled on at   
least two days, the 14th and 24th, and both rather loud and long. And some folks   
in nearby areas claimed to have heard thunder during the morning of the 18th as   
well. When combined with New Year's Eve thundersnow and thunder on 4 February,   
this mid-winter would certainly be a strong candidate for the most occurrences   
of out-of-season thunder. Of 24 Januarys of record at Reading 4 SW, only 1987   
and 1996 produced as many as two thunder days.

Standings this month:

Avg Temp 39.6 - first warmest of 22 Januarys  
Precip 5.32 - fifth wettest of 24 Januarys  
Snowfall 0.3 - least snowy of 24 Januarys

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