Occasional rain from daybreak.

AM showers, mostly before 0400.

Rain after 1800.

Periods of rain till late morning.

Occasional light rain.

Periods of light rain/drizzle.

A few widely separated sprinkles.

Feeble flurries during the afternoon.

Snow shower at dawn; scattered light dusting.

T Periods of light snow evening.

Some light snow predawn and evening.

Flurries before dawn.

**2** Locally hvy snow squall; 2" in 50 min end 2040.

1 26th) Only lgt coating 2 miles N and 6 miles S.

1 A little drizzle at midnight.

T Snow shower with brief heavy burst at 1700.

1 Mid evening snow squall; heavier N of city.

**Reading 4 *SW;*** Berks County, PA; Lat 40A19.0'N, Lon 75^59.3'W, Elev 320 ft MSL

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

**January 2007**



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

TEMPERATURES

DAY MAX MIN OBS PCPN SNOW DEPTH

 1 49 42 46 **1.14**

 2 48 31 31

 3 55 26 34

 4 59 30 44

 5 63 43 **63** 0.13

 6 **71 54** 54 0.29

 7 54 39 43 0.69

 8 51 36 36 0.50

 9 43 33 36 T

10 36 25 25 T

11 40 19 34

12 49 34 44 T

13 55 44 50 0.14

14 50 45 46 0.15

15 53 43 52 0.02

16 53 26 26 T

17 32 19 21

18 34 21 33

19 43 31 52 T

20 34 23 23

21 27 20 25 0.01 0.2

22 32 24 32 0.01 T

23 40 30 30 T

24 40 29 33 T

25 34 13 **13** 0.10 **2.0**

26 **25 6** 24

27 33 24 33 T

28 41 30 30 0.02 0.1

29 30 21 22

30 38 19 26 0.04 0.5

31 32 20 24

SUM 1344 900 3.24 2.8

REMARKS (all times are EST)

Rain AM, mostly before 0800. Fog

PM.

early

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):

36.2 (+4.8)

43.4 (+4.2)

29.0 (+5.5)

71 (+11) on 6th

54 on 6th

6 (-0) on 26th

25 on 26th

881 (2453)

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):

3.24 (-1.24)

3.24 (-1.24)

1.14 on 1st

1.22 on 31st-1st

2.8 (-7.7)

2.8 (-12.3)

2.0 on 25th

2.0 on 25th

2

0

0 (-0)

•

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

26 on

30.65

29.53

20th

on 17th
on 8th

Average 4-Inch Soil Temps held mostly in the 40s through mid-month then dropped
to the mid 30s by the end and ranged from 55 on the 6th to 35 on a few dates.

Highlights:

Above normal temperatures dominated during the first half, continuing the trend
from mid-autumn. Two days were 20 and 30 above normal on the 5th and 6th
respectively. This is when the warmth culminated in a new station January
maximum temperature record of 71 on the 6th which followed a morning minimum of
62. However, it slid to a new daily minimum of 54 by midnight. The previous
station January record in 23 years was 69 on 14 January 1995. Officially, the
temperature at the airport (KRDG) reached 70, which was the first official 70-
in-January for the Reading area since a 73 on 25 January 1967. The average
return period for 70-in-January up to 1967 had been approx 18 years. Therefore,
this extreme January warmth was long overdue despite its rarity. Then after mid-
month, temperatures plummeted to mostly subnormal, but not as drastic a reversal
as what the two halves of January 2005 had featured. The minimum temperature of
6 on the 26th is about average for a January monthly minimum.

Rainfalls totaling 2.76 during the first eight days got January off to a strong
start in precipitation. However, occasional light rainfalls and snowfalls added
only an additional 0.48 of rain or equivalent and resulted in a subnormal
monthly total. The first measurable snowfall anywhere in the Reading area
finally came during the evening of the 21st. Occasional snowfalls during the
last 11 days were minor and more miss than hit as they were all northwesterly
flow events. Reading 4 SW was within a 5- to 10-mile wide corridor of 1/2 to 3
inch accumulations in less than an hour during the evening of the 25th

However, snowfalls remained sub-measurable in the airport vicinity until the
evening of the 30th when an inch fell. This became the latest first official
measurable snowfall of a snow season for Reading, actually second only to 2
February 1890. This January was the first thunder-less month since October 2005.
A statement that should have been included in the 2006 Annual Summary: This was
the first year that thunder was heard during all twelve calendar months.

Rankings this month:

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Avg Temp
Precip
Snowfall

36.2 - Fourth warmest of 23 Januarys

3.24 - Tie with one other for tenth driest of 25 Januarys

2.8 - Sixth lowest of 25 Januarys

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