|  |  |
| --- | --- |
| 1983, | Temperatures - June 1984 |

times are military EST)

**Reading 4 *SW;*** Berks County, PA; Lat 40°19.0'N,

CoCoRaHS ID: PA-BR-2, Reading 3.5 SW

Observer in Charge: Jeffrey R. Stoudt

Period of Record: Precipitation/Snow - January

**September 2007**

•

Lon 75°59.3'W, Elev 320 ft MSL
Observation time: 2359 EST

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

•

DAY MAX

 1 81

 2 81

 3 86

 4 85

 5 84

 6 86

 7 90

 8 **92**

 9 87

 10 86

 11 75

 12 75

 13 80

 14 77

 15 69

 16 **66**

 17 72

 18 74

 19 79

 20 84

 21 87

 22 87

 23 81

 24 84

 25 90

 26 91

 27 86

 28 78

 29 76

 30 77

31

SUM 2445

MIN OBS PCPN SNOW DEPTH REMARKS (all

56 58

51 64

58 67

61 64

60 69

65 70

67 **77**

**72** 76

67 76

73 74

66 66

55 55

52 63

63 69 T

52 52
43 **47
42** 51
45 53

48 60

53 62

63 66

63 71

57 57

50 60

54 72

65 72

68 70

59 62

53 53

48 58

1722 1.17

 0.01 A little -RA toward dawn.

 **0.92** RA till midday, rather heavy 0930.

 0.12 -SHRA and DZ at mid morning.

 0.02 Fqt LTG dsnt NW-W after dusk; -TSRA after 2230.

 0.02 -SHRA till 0010. Afternoon -SHRA.

 0.01 -SHRA around dawn.

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):

69.5 (+3.2)

81.5 (+4.7)

57.4 (+1.5)

92 (+3) on 8th

72 on 8th

42 (+2) on 17th

66 on 16th

30 (40)

170 (1192)

-- 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):

1.17 (-3.81)

41.59 (+0.67)

0.92 on 11th

0.92 on llth-llth

0.0 (-0.0)

0.0 (-0.0)

0.0 on

0.0 on

0

0

1 (-2)

•

Highest Wind Gust (MPH): 19 on 15th, 28th

Maximum Barometric Pressure: 30.46 on 30th

Minimum Barometric Pressure: 29.62 on 11th

Average 4-Inch Soil Temps showed only a slight net drop during the month with
diurnal ranges from the mid 60s to mid 70s on many days but ranged from 81 on
the 8th and 10th to 60 on the 17th and 18th

HIGHLIGHTS

The warmth and dryness of this September both were runners-up in local station
rankings in their respective categories. The month's average temperature of
69.5 was second only to the 71.2 average of September 2005 while the total
precipitation of 1.17 was second only to the 0.83 total from the same September.
Typical late summer warmth prevailed except for a few cool days on and just
after mid-month. However, the longer nights and dry conditions were showing
their expected impacts with many seasonably cool minimum temperatures, even
between summery warm days. As expected during a dry and mainly clear weather
pattern, the daily minimum temperature average showed a smaller departure above
normal than did the daily maximum temperature average. -

As expected with such a dry month, there was little storminess to describe. A
generous and beneficial soaking of nearly an inch during the AM half of the llth
accounted for 78.6 percent of the entire month's total rainfall. Although this
station could boast of only one weak thunder event during the late evening of
the 26th as strong thunderstorms weakened while approaching from the northwest,
up-county locations reported thunder on as many as four different days. As
expected, rainfall totals were heavier over many northern and western sections
of Berks County, generally 2 to around 3 inches. But those greater amounts are
still considerably subnormal for September. September often turns out to be
either a drought-or-deluge month. Recent Septembers of 2003, 2004, and 2006
were deluge while 2005 and 2007 were drought.

RANKINGS AND EXTREMES FOR THIS MONTH

Avg Temp 69.5 - Second warmest of 24 Septembers (63.7 in 2000 to 71.2 in 2005)

Precip 1.17 - Second driest of 25 Septembers (0.83 in 2005 to 13.56 in 1999)

•

•