

Thursday, July 1, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

| | | | | | |
|--------------------|---------------|--------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 72 °F | Dir. NNW | Temp 74 °F | 0700 | 1300 | 1900 |
| Min. 50 °F | Vel. 4 m.p.h. | Read. 29.17 in. | Clds. 0110 | Clds. Cu | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 57 °F | chilly | 28.04 in. | clear, warm | Wx | Wx |
| R.H. 77 % | 24 hr. Mov. | Sea L. 30.52 in. | 0110 | 1810 | 510 Sc |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 7+1 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Friday, July 2, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

| | | | | | |
|--------------------|---------------|--------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 92 °F | Dir. N | Temp 75 °F | 0700 | 1300 | 1900 |
| Min. 50 °F | Vel. 2 m.p.h. | Read. 29.05 in. | Clds. 2/16 | Clds. 0110 | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 56 °F | calm | 28.92 in. | Wx | Wx | Wx |
| R.H. 80 % | 24 hr. Mov. | Sea L. 30.23 in. | 0110 | 0110 | 1/10 Sc |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 4+1 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Saturday, July 3, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

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|--------------------|---------------|----------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 94 °F | Dir. SW | Temp 75 °F | 0700 | 1300 | 1900 |
| Min. 54 °F | Vel. 0 m.p.h. | Read. 28.95 in. | Clds. 0110 | Clds. Cu | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 56 °F | calm | 28.82 in. | Wx | Wx | Wx |
| R.H. 91 % | 24 hr. Mov. | Sea L. 30.16 in. | 0110 | 0110 | 5110 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 4+1.5 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Sunday, July 4, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

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|--------------------|---------------|------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 80 °F | Dir. SW | Temp 75 °F | 0700 | 1300 | 1900 |
| Min. 60 °F | Vel. 4 m.p.h. | Read. 28.93 in. | Clds. 0110 | Clds. Cu | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 65 °F | 4 m.p.h. | 28.93 in. | Wx | Wx | Wx |
| R.H. 60 % | 24 hr. Mov. | Sea L. 28.80 in. | 0110 | 0110 | 10110 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 0 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Monday, July 5, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

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|--------------------|---------------|------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 91 °F | Dir. — | Temp 71.9 °F | 0700 | 1300 | 1900 |
| Min. 65 °F | Vel. 0 m.p.h. | Read. 28.98 in. | Clds. 0110 | Clds. Cu | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 71 °F | — | 28.85 in. | Wx | Wx | Wx |
| R.H. 91 % | 24 hr. Mov. | Sea L. 30.28 in. | 0110 | 10110 | 5110 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 0 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Tuesday, July 6, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

| | | | | | |
|--------------------|---------------|------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 93 °F | Dir. — | Temp 75 °F | 0700 | 1300 | 1900 |
| Min. 70 °F | Vel. 0 m.p.h. | Read. 28.99 in. | Clds. 0110 | Clds. Cu | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 72 °F | — | 28.80 in. | Wx | Wx | Wx |
| R.H. 80 % | 24 hr. Mov. | Sea L. 30.23 in. | 0110 | 9110 | 6110 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 0 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Wednesday, July 7, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

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|--------------------|---------------|--------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 93 °F | Dir. — | Temp 75 °F | 0700 | 1300 | 1900 |
| Min. 70 °F | Vel. 0 m.p.h. | Read. 28.90 in. | Clds. 0110 | Clds. Cu | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 74 °F | — | 28.77 in. | Wx | Wx | Wx |
| R.H. 82 % | 24 hr. Mov. | Sea L. 30.06 in. | 0110 | 5110 | 4110 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 4.1 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 17 mi. | Vis. 25 mi. | Vis. 25 mi. |

Thursday, July 8, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

| | | | | | |
|--------------------|---------------|------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 93 °F | Dir. — | Temp 75 °F | 0700 | 1300 | 1900 |
| Min. 70 °F | Vel. 0 m.p.h. | Read. 28.99 in. | Clds. 0110 | Clds. Cu | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 72 °F | — | 28.80 in. | Wx | Wx | Wx |
| R.H. 80 % | 24 hr. Mov. | Sea L. 30.23 in. | 0110 | 9110 | 6110 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 0 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Friday, July 9, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

| | | | | | |
|--------------------|---------------|------------------|--------------|--------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 94 °F | Dir. S | Temp 77 °F | 0700 | 1300 | 1900 |
| Min. 72 °F | Vel. 3 m.p.h. | Read. 28.84 in. | Clds. Sc | Clds. Sc | Clds. Cu |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 76 °F | light | 28.70 in. | Wx | Wx | Wx |
| R.H. 85 % | 24 hr. Mov. | Sea L. 30.14 in. | 10110 | 9110 | 1910 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. 0 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 9 mi. | Vis. 217 mi. | Vis. 29 mi. |

Saturday, July 10, 2010 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

| | | | | | |
|--------------------|---------------|----------------------|--------------|-------------|-------------|
| Temp. | Wind | Barom. | General Obs. | | |
| Max. 92 °F | Dir. N | Temp 76 °F | 0700 | 1300 | 1900 |
| Min. 65 °F | Vel. 5 m.p.h. | Read. 28.73 in. | Clds. Sc | Clds. Sc | Clds. Sc |
| Set | Char. | Corr. | Wx | Wx | Wx |
| 68 °F | BROZY | 28.00 in. | Wx | Wx | Wx |
| R.H. 97 % | 24 hr. Mov. | Sea L. 30.03 in. | 5110 | 6110 | 10110 |
| Ppn. Liq. 2.12 in. | Prev. Dir. | 3 hr. Tend. 1+1.5 mb | Wx | Wx | Wx |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

35

F: 61 Tw: 53
 HDD: 4 HDD: 4
 Σ HDD: 8
 CDD: 0
 Σ CDD: 0
 TDAMS: 57/52 Tw: 54
 Turnv: 56/49 Td: 50
 MMTS: 70/49/56

Σ PCNL: 0.00" 7/1/10
 Σ PCNS: 0.0" 4PCNL: 0.00"

F: 66 Tw: 54
 HDD: 0 HDD: 0
 Σ HDD: 8
 CDD: 1
 Σ CDD: 1
 TDAMS: 57/55 Tw: 54
 Turnv: 56/52 Td: 53
 MMTS: 74/53/56

Σ PCNL: 0.00" 7/3/10
 Σ PCNS: 0.0" 7PCNL: 0.00"

F: 78 Tw: 69
 HDD: 0 HDD: 0
 Σ HDD: 8
 CDD: 13
 Σ CDD: 20
 TDAMS: 73/68 Tw: 69
 Turnv: 70/64 Td: 68
 MMTS: 88/66/71

Σ PCNL: 0.00" 7/5/10
 Σ PCNS: 0.0" 4PCNL: 0.00"

F: 82 Tw: 69
 HDD: 0 HDD: 0
 Σ HDD: 8
 CDD: 17
 Σ CDD: 71
 TDAMS: 74/73 Tw: 69
 Turnv: 75/70 Td: 67
 MMTS: 91/69/71

Σ PCNL: 0.00" 7/8/10
 Σ PCNS: 0.0" 4PCNL: 0.00"

F: 83 Tw: 73
 HDD: 0 HDD: 0
 Σ HDD: 8
 CDD: 18
 Σ CDD: 89
 TDAMS: 75/72 Tw: 73
 Turnv: 75/70 Td: 71
 MMTS: 92/72/75

Σ PCNL: 0.00" 7/9/10
 Σ PCNS: 0.0" 7PCNL: 2.12"

TDAMS: 57/52 Tw: 54
 Turnv: 56/49 Td: 50
 MMTS: 70/49/56

7/2/10

7/4/10

7/6/10

7/8/10

7/10/10

SUNDAY JULY 11, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|------|--------|
| Max. 82 °F | — | 710 °F | 710 °F | — | — | — | — | 0700 | — | 25 mi. |
| Min. 68 °F | 0 m.p.h. | 28.90 in. | 28.90 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.77 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 100 % | 24 hr. Mov. | Sea L. | 30.25 in. | — | — | — | — | 0700 | 0/10 | — |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. | +1 mb | — | — | — | — | 1300 | Wx | — |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | MS | — | — | — | — | 1900 | Wx | rain |

Monday, July 12, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 81.0 °F | — | 710 °F | 710 °F | — | — | — | — | 0700 | — | 25 mi. |
| Min. 68.3* °F | 0 m.p.h. | 28.72 in. | 28.72 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.60 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 107 °F | 24 hr. Mov. | Sea L. | 30.62 in. | — | — | — | — | 0700 | Sc. | — |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. | — 0 mb | — | — | — | — | 1300 | Wx | SH RA |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | MS | — | — | — | — | 1900 | Wx | rain |

Tuesday, July 13, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 82 °F | SE | 710 °F | 710 °F | SE | — | — | — | 0700 | — | 25 mi. |
| Min. 67* °F | 1 m.p.h. | 28.85 in. | 28.85 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.72 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 90 % | 24 hr. Mov. | Sea L. | 30.15 in. | — | — | — | — | 0700 | Sc. | — |
| Ppn. Liq. 0.19 in. | Prev. Dir. | 3 hr. Tend. | +2 mb | — | — | — | — | 1300 | Wx | cool |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | MS | — | — | — | — | 1900 | Wx | grey |

Wednesday, July 14, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 78 °F | N | 775 °F | 775 °F | N | — | — | — | 0700 | — | 25 mi. |
| Min. 67 °F | 1 m.p.h. | 28.74 in. | 28.74 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.62 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 90 % | 24 hr. Mov. | Sea L. | 29.92 in. | — | — | — | — | 0700 | Sc. | — |
| Ppn. Liq. 0.41 in. | Prev. Dir. | 3 hr. Tend. | +4.5 mb | — | — | — | — | 1300 | Wx | wet |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | ALP | — | — | — | — | 1900 | Wx | WARM |

Thursday, July 15, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 83 °F | — | 710 °F | 710 °F | — | — | — | — | 0700 | — | 25 mi. |
| Min. 65 °F | 0 m.p.h. | 28.00 in. | 28.00 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.81 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 100 % | 24 hr. Mov. | Sea L. | 30.30 in. | — | — | — | — | 0700 | St. | — |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. | -1.42 | — | — | — | — | 1300 | Wx | not |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | MS | — | — | — | — | 1900 | Wx | mid |

Friday, July 16, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 87 °F | S | 776 °F | 776 °F | S | — | — | — | 0700 | — | 25 mi. |
| Min. 68 °F | 1 m.p.h. | 28.78 in. | 28.78 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.65 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 90 % | 24 hr. Mov. | Sea L. | 29.95 in. | — | — | — | — | 0700 | Cs. | — |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. | +4.5 mb | — | — | — | — | 1300 | Wx | stamy |
| Ppn. Sol. 0.00 in. | Snow Depth | Observer | ALP | — | — | — | — | 1900 | Wx | muggy |

Saturday, July 17, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 85 °F | — | 775 °F | 775 °F | — | — | — | — | 0700 | — | 25 mi. |
| Min. 66 °F | 0 m.p.h. | 28.75 in. | 28.75 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.62 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 95 % | 24 hr. Mov. | Sea L. | 29.92 in. | — | — | — | — | 0700 | Cl. | — |
| Ppn. Liq. 0.23 in. | Prev. Dir. | 3 hr. Tend. | -1.0 mb | — | — | — | — | 1300 | Wx | nice |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | ALP | — | — | — | — | 1900 | Wx | WARM |

Sunday, July 18, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|-------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 81.0 °F | W | 710 °F | 710 °F | W | — | — | — | 0700 | — | 25 mi. |
| Min. 69.0 °F | 5 m.p.h. | 28.80 in. | 28.80 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.73 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 88 % | 24 hr. Mov. | Sea L. | 30.10 in. | — | — | — | — | 0700 | Cu. | — |
| Ppn. Liq. 0.0 in. | Prev. Dir. | 3 hr. Tend. | +1 mb | — | — | — | — | 1300 | Wx | not |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | MS | — | — | — | — | 1900 | Wx | nice |

Monday, July 19, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|------|------|-------|-------|-------|-----|--------|
| Max. 89 °F | SSW | 710 °F | 710 °F | SSW | — | — | — | 0700 | — | 25 mi. |
| Min. 72 °F | 2 m.p.h. | 28.73 in. | 28.73 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.60 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 79 % | 24 hr. Mov. | Sea L. | 30.03 in. | — | — | — | — | 0700 | Sc. | — |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. | +5 mb | — | — | — | — | 1300 | Wx | not |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | MS | — | — | — | — | 1900 | Wx | WARM |

Tuesday, July 20, 2010
0700 EST

| Temp. | Wind | Barom. | Temp | Dir. | Vel. | Read. | Corr. | Clds. | Wx | Vis. |
|--------------------|-------------|-------------|-----------|-------|------|-------|-------|-------|-----|--------|
| Max. 87 °F | South | 710 °F | 710 °F | South | — | — | — | 0700 | — | 25 mi. |
| Min. 65 °F | 1 m.p.h. | 28.84 in. | 28.84 in. | — | — | — | — | 1300 | — | 25 mi. |
| Set | Char. | — | 28.71 in. | — | — | — | — | 1900 | — | 25 mi. |
| R.H. 91.0 % | 24 hr. Mov. | Sea L. | 30.14 in. | — | — | — | — | 0700 | Sc. | — |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. | 0 mb | — | — | — | — | 1300 | Wx | calm |
| Ppn. Sol. 0.0 in. | Snow Depth | Observer | MS | — | — | — | — | 1900 | Wx | warm |

F: 70 TDavis: 05/02 Tw: 03
 HDD: 0 Tunv: 02/00 Ta: 03
 Σ HDD: 8 MMTS: 81/57/03
 CDD: 5
 Σ CDD: 107
 F: 75 TDavis: 07/04 Tw: 04
 HDD: 0 Tunv: 04/02 Ta: 02
 Σ HDD: 8 MMTS: 83/02/00
 CDD: 10
 Σ CDD: 117

Σ PCNG: 2.12"
 Σ PCNS: 0.0"
 7/11/10
 Σ PCNG: 2.12"
 Σ PCNS: 0.0
 7/12/10

F: 75 TDavis: 70/70 Tw: 08
 HDD: 0 Tunv: 70/08 Ta: 08
 Σ HDD: 8 MMTS: 80/00/71
 CDD: 10
 Σ CDD: 127
 F: 73 TDavis: 68/68 Tw: 05
 HDD: 0 Tunv: 69/67 Ta: 04
 Σ HDD: 8 MMTS: 76/67/67
 CDD: 8
 Σ CDD: 135

Σ PCNG: 2.31"
 Σ PCNS: 0.0"
 7/13/10
 Σ PCNG: 2.72"
 Σ PCNS: 0.0"
 7/14/10

F: 74 TDavis: 08/08 Tw: 07
 HDD: 0 Tunv: NA Ta: 08
 Σ HDD: 8 MMTS: 82/04/08
 CDD: 9
 Σ CDD: 144
 F: 78 TDavis: 71/71 Tw: 70
 HDD: 0 Tunv: 70/69
 Σ HDD: 8 MMTS: 86/67/70
 CDD: 13
 Σ CDD: 157

Σ PCNG: 2.72"
 Σ PCNS: 0.0"
 7/15/10
 Σ PCNG: 2.72"
 Σ PCNS: 0.0"
 7/16/10

F: 76 TDavis: 69/69 Tw: 07
 HDD: 0 Tunv: 68/67 Ta: 06
 Σ HDD: 8 MMTS: 84/65/68
 CDD: 11
 Σ CDD: 168
 F: 70 TDavis: 75/73 Tw: 72
 HDD: 0 Tunv: 70/09 Ta: 71
 Σ HDD: 8 MMTS: 85/00/74
 CDD: 11
 Σ CDD: 179

Σ PCNG: 2.95"
 Σ PCNS: 0.0"
 7/17/10
 Σ PCNG: 2.95"
 Σ PCNS: 0.0"
 7/18/10

F: 81 TDavis: 74/70 Tw: 70
 HDD: 0 Tunv: 74/00 Ta: 08
 Σ HDD: 8 MMTS: 85/00/74
 CDD: 10
 Σ CDD: 195
 F: 70 TDavis: 07/07 Tw: 07
 HDD: 0 Tunv: 00/00 Ta: 07
 Σ HDD: 8 MMTS: 84/04/07
 CDD: 11
 Σ CDD: 200

Σ PCNG: 2.95"
 Σ PCNS: 0.0"
 7/19/10
 Σ PCNG: 2.95"
 Σ PCNS: 0.0"
 7/20/10

Wednesday, July 21, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|--------------------|-------------------|-------------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 85 °F | SW | 710 °F | 0840 RA - 0920 | -SH RA 0400 - | 0500 |
| Min. 60 °F | Vel. 5 m.p.h. | Read. 28.91 in. | 0920 - 1020 | | |
| Set 108 °F | Char. 5 m.p.h. | Corr. 28.82 in. | SH RA 1500 - 1530 | | |
| R.H. 74 % | 24 hr. Mov. Calm | Sea L. 28.78 in. | 0700 Clds. Sc | 1300 Clds. Cu | 1900 Clds. Cu |
| Ppn. 90 % | Prev. Dir. / | 30.42 in. | 1010 Wx | 1010 Wx | 1110 Wx |
| Ppn. Liq. 0.14 in. | Prev. Dir. / | 3 hr. Tend. -0 mb | Wx HZ | Wx WARM | Wx HOT |
| Ppn. Sol. 0.0 in. | Snow Depth 0.0 in. | Observer MS | Vis. 209 mi. | Vis. 25 mi. | Vis. 25 mi. |

Thursday, July 22, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|------------------|-------------------|----------------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 88 °F | W | 710 °F | +SH RA T 1920 - 2100 | | |
| Min. 60 °F | Vel. 2 m.p.h. | Read. 28.98 in. | 1920 - 2100 | | |
| Set 109 °F | Char. 2 m.p.h. | Corr. 28.85 in. | | | |
| R.H. 69 % | 24 hr. Mov. Calm | Sea L. 28.85 in. | 0700 Clds. Sc | 1300 Clds. Cu | 1900 Clds. Cu |
| Ppn. 100 % | Prev. Dir. / | 30.28 in. | 410 Wx | 1010 Wx | 1110 Wx |
| Ppn. Liq. 0.23 in. | Prev. Dir. / | 3 hr. Tend. +2 mb | Wx -HZ | Wx HOT | Wx WARM |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS | Vis. 17 mi. | Vis. 25 mi. | Vis. 25 mi. |

Friday, July 23, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|-------------------|------------------|-------------------|---------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 85 °F | / | 710 °F | -SH RA 0400 - | | |
| Min. 68 °F | Vel. 0 m.p.h. | Read. 28.82 in. | | | |
| Set 108 °F | Char. 0 m.p.h. | Corr. 28.69 in. | | | |
| R.H. 72 % | 24 hr. Mov. / | Sea L. 28.69 in. | 0700 Clds. Sc | 1300 Clds. Sc | 1900 Clds. Sc |
| Ppn. 87 % | Prev. Dir. / | 30.12 in. | 1010 Wx | 1010 Wx | 1010 Wx |
| Ppn. Liq. 1 in. | Prev. Dir. / | 3 hr. Tend. -5 mb | Wx HZ | Wx WARM | Wx HOT |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS | Vis. 117 mi. | Vis. 117 mi. | Vis. 117 mi. |

Saturday, July 24, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|------------------|-------------------|----------------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 93 °F | / | 77 °F | +SH RA T 1920 - 2020 | | |
| Min. 72 °F | Vel. 0 m.p.h. | Read. 28.82 in. | DE 0230 - 0410 | | |
| Set 75 °F | Char. / | Corr. 28.68 in. | DWNT LOW: 75 | | |
| R.H. 88 % | 24 hr. Mov. / | Sea L. 28.68 in. | 0700 Clds. Sc | 1300 Clds. Sc | 1900 Clds. Sc |
| Ppn. 88 % | Prev. Dir. / | 30.12 in. | 310 Wx | Wx | 1010 Wx |
| Ppn. Liq. 0.33 in. | Prev. Dir. / | 3 hr. Tend. +1 mb | Wx Sunny | Wx | Wx Muggy |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Sunday, July 25, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|------------------|-------------------|-----------------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 91 °F | W | 77 °F | +SH RA T 2200 - 2320 | | |
| Min. 72 °F | Vel. 1 m.p.h. | Read. 28.89 in. | *AEC MAX MIN (7/19/3) | | |
| Set 73 °F | Char. Calm | Corr. 28.75 in. | | | |
| R.H. 97 % | 24 hr. Mov. / | Sea L. 28.75 in. | 0700 Clds. Sc | 1300 Clds. Sc | 1900 Clds. Sc |
| Ppn. 97 % | Prev. Dir. / | 29.19 in. | 210 Wx | Wx | 310 Wx |
| Ppn. Liq. 0.53 in. | Prev. Dir. / | 3 hr. Tend. -0 mb | Wx Sunny | Wx | Wx Nice |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS | Vis. 15 mi. | Vis. 25 mi. | Vis. 25 mi. |

Monday, July 26, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|------------------|---------------------|------------------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 81 °F | NNW | 75 °F | SH RA T 1220 - 1400 LT | | |
| Min. 63 °F | Vel. 2 m.p.h. | Read. 29.02 in. | | | |
| Set 103 °F | Char. 2 m.p.h. | Corr. 28.89 in. | | | |
| R.H. 94 % | 24 hr. Mov. Calm | Sea L. 28.89 in. | 0700 Clds. Sc | 1300 Clds. Sc | 1900 Clds. Sc |
| Ppn. 92 % | Prev. Dir. / | 30.37 in. | 010 Wx | 410 Wx | 810 Wx |
| Ppn. Liq. 0.23 in. | Prev. Dir. / | 3 hr. Tend. +1.5 mb | Wx cooler | Wx Sunny | Wx WARM |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Tuesday, July 27, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|------------------|---------------------|---------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 82 °F | / | 75 °F | | | |
| Min. 69 °F | Vel. 0 m.p.h. | Read. 29.07 in. | | | |
| Set 105 °F | Char. / | Corr. 28.94 in. | | | |
| R.H. 89 % | 24 hr. Mov. / | Sea L. 28.94 in. | 0700 Clds. Sc | 1300 Clds. Sc | 1900 Clds. Sc |
| Ppn. 89 % | Prev. Dir. / | 30.42 in. | 1010 Wx | 1010 Wx | 710 Wx |
| Ppn. Liq. 0.60 in. | Prev. Dir. / | 3 hr. Tend. +1.5 mb | Wx Calm | Wx Sunny | Wx Nice |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

Wednesday, July 28, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|------------------|---------------------|---------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 85 °F | / | 76 °F | | | |
| Min. 65 °F | Vel. 0 m.p.h. | Read. 28.81 in. | | | |
| Set 68 °F | Char. / | Corr. 28.68 in. | *DWTLOW: 67 | | |
| R.H. 80 % | 24 hr. Mov. / | Sea L. 28.68 in. | 0700 Clds. Ci | 1300 Clds. Cu | 1900 Clds. Cu |
| Ppn. 80 % | Prev. Dir. / | 29.96 in. | 110 Wx | 310 Wx | 410 Wx |
| Ppn. Liq. 0.00 in. | Prev. Dir. / | 3 hr. Tend. -1.0 mb | Wx calm | Wx HOT | Wx Mild |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer ALP | Vis. 10 mi. | Vis. 25 mi. | Vis. 25 mi. |

Thursday, July 29, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|--------------------|------------------|-------------------|----------------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 87 °F | NW | 710 °F | +SH RA T 0640 - 0800 | | |
| Min. 68 °F | Vel. 5 m.p.h. | Read. 28.81 in. | SH RAT 0240 - 0340 | | |
| Set 71 °F | Char. BROZY | Corr. 28.68 in. | *DWT LOW: 70 | | |
| R.H. 97 % | 24 hr. Mov. / | Sea L. 28.68 in. | 0700 Clds. Sc | 1300 Clds. Sc | 1900 Clds. Sc |
| Ppn. 97 % | Prev. Dir. / | 30.11 in. | 1010 Wx | 510 Wx | 510 Wx |
| Ppn. Liq. 0.30 in. | Prev. Dir. / | 3 hr. Tend. +2 mb | Wx SH RA | Wx HOT | Wx Mild |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS | Vis. 209 mi. | Vis. 25 mi. | Vis. 25 mi. |

Friday, July 30, 2010

Meteorological Observatory
University Park, PA
0700 EST

General Obs.

| | | | | | |
|-----------------|------------------|---------------------|---------------------|---------------|---------------|
| Temp. | Wind | Barom. | Temp | Temp | Temp |
| 84 °F | / | 74 °F | SHAT 0800 - 0903 LT | | |
| Min. 58 °F | Vel. 0 m.p.h. | Read. 28.80 in. | | | |
| Set 60 °F | Char. / | Corr. 28.67 in. | | | |
| R.H. 85 % | 24 hr. Mov. / | Sea L. 28.67 in. | 0700 Clds. St | 1300 Clds. Cu | 1900 Clds. Sc |
| Ppn. 85 % | Prev. Dir. / | 29.99 in. | 410 Wx | 610 Wx | 610 Wx |
| Ppn. Liq. 1 in. | Prev. Dir. / | 3 hr. Tend. +4.5 mb | Wx nice | Wx warm | Wx nice |
| Ppn. Sol. 0 in. | Snow Depth 0 in. | Observer ALP | Vis. 17 mi. | Vis. 25 mi. | Vis. 25 mi. |

F: 76 Tomns: 73/73 Tw: 72 F: 77 Tomns: 69/69 Tw: 68
 Hdd: 0 Turnv: 73/72 Td: 71 Hdd: 0 Turnv: 69/68 Td: 69
 ΣHDD: 8 MMTS: 84/64/73 ΣHDD: 8 MMTS: 87/65/68
 CDD: 11 ΣCDD: 217 CDD: 12 ΣCDD: 229

ΣPCNs: 3.09"
 ΣPCNs: 0.0"
 7/21/10 ΣPCNs: 3.32"
 ΣPCNs: 0.0"
 7/22/10

F: 77 Tomns: 72/69 Tw: 69 F: 83 Tomns: 75/73 Tw: 72
 Hdd: 0 Turnv: 70/65 Td: 68 Hdd: 0 Turnv: 75/71 Td: 71
 ΣHDD: 8 MMTS: 84/67/72 ΣHDD: 8 MMTS: 91/72/74
 CDD: 12 ΣCDD: 241 CDD: 18 ΣCDD: 259

ΣPCNs: 3.32"
 ΣPCNs: 0.0"
 7/23/10 ΣPCNs: 3.65"
 ΣPCNs: 0.0"
 7/24/10

F: 82 Tomns: 74/74 Tw: 73 F: 72 Tomns: 68/67 Tw: 68
 Hdd: 0 Turnv: 74/71 Td: 72 Hdd: 0 Turnv: 67/65 Td: 61
 ΣHDD: 8 MMTS: 89/71/73 ΣHDD: 8 MMTS: 79/62/64
 CDD: 17 ΣCDD: 276 CDD: 7 ΣCDD: 283

ΣPCNs: 4.18"
 ΣPCNs: 0.0"
 7/25/10 ΣPCNs: 4.41"
 ΣPCNs: 0.0"
 7/26/10

F: 72 Tomns: 66/64 Tw: 63 F: 75 Tomns: 68/67 Tw: 63
 Hdd: 0 Turnv: 63/62 Td: 62 Hdd: 0 Turnv: 67/65 Td: 61
 ΣHDD: 8 MMTS: 80/60/64 ΣHDD: 8 MMTS: 82/64/67
 CDD: 7 ΣCDD: 290 CDD: 16 ΣCDD: 306

ΣPCNs: 4.41"
 ΣPCNs: 0.0"
 7/27/10 ΣPCNs: 4.41"
 ΣPCNs: 0.0"
 7/28/10

F: 78 Tomns: 72/72 Tw: 70 F: 71 Tomns: 60/59 Tw: 57
 Hdd: 0 Turnv: 72/71 Td: 70 Hdd: 0 Turnv: 59/58 Td: 55
 ΣHDD: 8 MMTS: 80/67/70 ΣHDD: 8 MMTS: 82/54/59
 CDD: 13 ΣCDD: 313 CDD: 6 ΣCDD: 319

ΣPCNs: 4.71"
 ΣPCNs: 0.0"
 7/29/10 ΣPCNs: 4.71"
 ΣPCNs: 0.0"
 7/30/10

Sandra / Aug 31st 2010
0700 EST

Meteorological Observatory
University Park, PA
General Obs.

| Temp. | Wind | Barom. | General Obs. | | |
|-----------------------|---------------------|------------------------|----------------|-------------|----------------|
| Max 78 °F | Dir. N | Temp 75 °F | | | |
| Min. 56 °F | Vel. 1 m.p.h. | Read. 28.96 in. | | | |
| Set | Char. CALM | Corr. | | | |
| 60 °F | 24 hr. Mov. CALM | 28.63 in. | | | |
| RH 90 % | ml. | Sea L. 29.95 in. | 0700 | 1300 | 1900 |
| Ppn. Liq. 0.00 in. | Prev. Dir. | 3 hr. Tend. + .5 mb | Clds 4/10 | Clds. Wx | Clds 1/10 |
| Ppn. Soli 0-0 in. | Snow Depth 0 in. | Observer ASR | Wx Chilly | Wx | Wx CALM |
| | | | Vis. 17 mi. | Vis. | Vis. 25 mi. |

F: 67
TOWNS: 61/59 TW: 59

HDD: 0
TUNW: 57/57 TD: 58

2HDD: 8
MMTS: 77/56/58

CDD: 2

2CDD: 321

JULY TEMP'S
 $\bar{T}_{max} = 85.4^{\circ}F$
 $\bar{T}_{min} = 64.3^{\circ}$
 $\bar{T}_{ave} = 74.84^{\circ}$

2PCNL: 4.71"

2PCNS: 0.0"

7/31/10