

Friday, April 1, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                   |                   |                   |                     |      |      |             |       |       |      |      |      |
|-------------------|-------------------|-------------------|---------------------|------|------|-------------|-------|-------|------|------|------|
| Temp.             | Wind              | Barom.            | Temp                | Dir. | Vel. | Read.       | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 68 °F        | WSW               | 75 °F             | 3/31 1615 - 1630    |      |      | 0600 - 0610 | -RA   |       |      |      |      |
| Min. 53 °F        | 5 m.p.h.          | 28.45 in.         | 4/1 0645 - 0700     |      |      | 0740 - 0800 | DZ    |       |      |      |      |
| Set 62 °F         | Char: Calm        | 28.324 in.        | * Overnight Low: 62 |      |      |             | -RA   |       |      |      |      |
| R.H. 72 %         | 24 hr. Mov. — mi. | Sea L. 29.629 in. |                     |      |      |             |       |       |      |      |      |
| Ppn. Liq. .01 in. | Prev. Dir. —      | 3 hr. Tend. 1 mb  |                     |      |      |             |       |       |      |      |      |
| Ppn. Sol. 0 in.   | Snow Depth 0 in.  | Observer GPRD     |                     |      |      |             |       |       |      |      |      |
|                   |                   |                   | Vis. 20 mi.         |      |      |             |       |       |      |      |      |
|                   |                   |                   | Vis. ~20 mi.        |      |      |             |       |       |      |      |      |
|                   |                   |                   | Vis. 20 mi.         |      |      |             |       |       |      |      |      |

Sat, April 2, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                 |                   |                  |                          |      |      |                         |       |       |      |      |      |
|-----------------|-------------------|------------------|--------------------------|------|------|-------------------------|-------|-------|------|------|------|
| Temp.           | Wind              | Barom.           | Temp                     | Dir. | Vel. | Read.                   | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 67 °F      | SW                | 73 °F            | 4/1 8:20 AM - 8:50 AM DZ |      |      | 14:10 AM - 14:55 AM -RA |       |       |      |      |      |
| Min. 45 °F      | 5 m.p.h.          | 28.64 in.        |                          |      |      |                         |       |       |      |      |      |
| Set 46 °F       | Char: Light       | 28.52 in.        |                          |      |      |                         |       |       |      |      |      |
| R.H. 93 %       | 24 hr. Mov. — mi. | Sea L. 29.94 in. |                          |      |      |                         |       |       |      |      |      |
| Ppn. Liq. T in. | Prev. Dir. —      | 3 hr. Tend. 1 mb |                          |      |      |                         |       |       |      |      |      |
| Ppn. Sol. — in. | Snow Depth — in.  | Observer SFR     |                          |      |      |                         |       |       |      |      |      |
|                 |                   |                  | Vis. 25 mi.              |      |      |                         |       |       |      |      |      |
|                 |                   |                  | Vis. ~20 mi.             |      |      |                         |       |       |      |      |      |
|                 |                   |                  | Vis. 10 mi.              |      |      |                         |       |       |      |      |      |

Sunday, April 3, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                    |                   |                    |                  |      |      |                  |       |       |      |      |      |
|--------------------|-------------------|--------------------|------------------|------|------|------------------|-------|-------|------|------|------|
| Temp.              | Wind              | Barom.             | Temp             | Dir. | Vel. | Read.            | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 54 °F         | W                 | 74 °F              | 2039 - 2043 - DZ |      |      | 2044 - 2049 + DZ |       |       |      |      |      |
| Min. 23 °F         | 21 m.p.h.         | 28.75 in.          | 2050 - 2203 -RA  |      |      | 0205 - 0114 - SW |       |       |      |      |      |
| Set 24 °F          | Char: Calm        | 28.60 in.          | 0212 - 0224 - SW |      |      |                  |       |       |      |      |      |
| R.H. 60 %          | 24 hr. Mov. — mi. | Sea L. 30.02 in.   |                  |      |      |                  |       |       |      |      |      |
| Ppn. Liq. .009 in. | Prev. Dir. —      | 3 hr. Tend. 1.5 mb |                  |      |      |                  |       |       |      |      |      |
| Ppn. Sol. T in.    | Snow Depth 0 in.  | Observer AEB       |                  |      |      |                  |       |       |      |      |      |
|                    |                   |                    | Vis. 25+ mi.     |      |      |                  |       |       |      |      |      |
|                    |                   |                    | Vis. 17 mi.      |      |      |                  |       |       |      |      |      |

Monday, April 4, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                    |                   |                    |                     |      |      |                     |       |       |      |      |      |
|--------------------|-------------------|--------------------|---------------------|------|------|---------------------|-------|-------|------|------|------|
| Temp.              | Wind              | Barom.             | Temp                | Dir. | Vel. | Read.               | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 39 °F         | SW                | 74 °F              | 0201 - 0233 EST -RA |      |      | 0327 - 0516 EST -RA |       |       |      |      |      |
| Min. 23 °F         | 5 m.p.h.          | 28.52 in.          | * Overnight Low: 35 |      |      |                     |       |       |      |      |      |
| Set 39 °F          | Char: Light       | 28.398 in.         |                     |      |      |                     |       |       |      |      |      |
| R.H. 73 %          | 24 hr. Mov. — mi. | Sea L. 29.775 in.  |                     |      |      |                     |       |       |      |      |      |
| Ppn. Liq. .001 in. | Prev. Dir. —      | 3 hr. Tend. 1.2 mb |                     |      |      |                     |       |       |      |      |      |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer EDS       |                     |      |      |                     |       |       |      |      |      |
|                    |                   |                    | Vis. ~10 mi.        |      |      |                     |       |       |      |      |      |
|                    |                   |                    | Vis. ~15 mi.        |      |      |                     |       |       |      |      |      |
|                    |                   |                    | Vis. ~20 mi.        |      |      |                     |       |       |      |      |      |

Tuesday, April 5th, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                    |                   |                    |                   |      |      |                               |       |       |      |      |      |
|--------------------|-------------------|--------------------|-------------------|------|------|-------------------------------|-------|-------|------|------|------|
| Temp.              | Wind              | Barom.             | Temp              | Dir. | Vel. | Read.                         | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 50 °F         | NE                | 74 °F              | 0835 - 0945 - -RA |      |      | 1113 - 1446; -DZ, DZ, DZ, -RA |       |       |      |      |      |
| Min. 21 °F         | 6 m.p.h.          | 29.17 in.          |                   |      |      |                               |       |       |      |      |      |
| Set 22 °F          | Char: Light       | 29.05 in.          |                   |      |      |                               |       |       |      |      |      |
| R.H. 74 %          | 24 hr. Mov. — mi. | Sea L. 30.50 in.   |                   |      |      |                               |       |       |      |      |      |
| Ppn. Liq. 0.17 in. | Prev. Dir. —      | 3 hr. Tend. 1.3 mb |                   |      |      |                               |       |       |      |      |      |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer MAV       |                   |      |      |                               |       |       |      |      |      |
|                    |                   |                    | Vis. 25 mi.       |      |      |                               |       |       |      |      |      |
|                    |                   |                    | Vis. 25 mi.       |      |      |                               |       |       |      |      |      |
|                    |                   |                    | Vis. 25 mi.       |      |      |                               |       |       |      |      |      |

Wednesday, April 6th, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                    |                   |                    |                     |      |      |       |       |       |      |      |      |
|--------------------|-------------------|--------------------|---------------------|------|------|-------|-------|-------|------|------|------|
| Temp.              | Wind              | Barom.             | Temp                | Dir. | Vel. | Read. | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 40 °F         | E                 | 74 °F              | * Overnight Low: 26 |      |      |       |       |       |      |      |      |
| Min. 22 °F         | 1 m.p.h.          | 29.08 in.          |                     |      |      |       |       |       |      |      |      |
| Set 27 °F          | Char: Light       | 28.96 in.          |                     |      |      |       |       |       |      |      |      |
| R.H. 65 %          | 24 hr. Mov. — mi. | Sea L. 30.38 in.   |                     |      |      |       |       |       |      |      |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. 1.0 mb |                     |      |      |       |       |       |      |      |      |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer KEV       |                     |      |      |       |       |       |      |      |      |
|                    |                   |                    | Vis. 25 mi.         |      |      |       |       |       |      |      |      |
|                    |                   |                    | Vis. 20 mi.         |      |      |       |       |       |      |      |      |
|                    |                   |                    | Vis. 20+ mi.        |      |      |       |       |       |      |      |      |

Thursday, April 7th, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                    |                   |                    |                     |      |      |                      |       |       |      |      |      |
|--------------------|-------------------|--------------------|---------------------|------|------|----------------------|-------|-------|------|------|------|
| Temp.              | Wind              | Barom.             | Temp                | Dir. | Vel. | Read.                | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 51 °F         | SSW               | 74 °F              | 0044 - 0148 - -RA   |      |      | 0537 - 0800; -RA, DZ |       |       |      |      |      |
| Min. 27 °F         | 10 m.p.h.         | 28.34 in.          | * Overnight Low: 45 |      |      |                      |       |       |      |      |      |
| Set 45 °F          | Char: gusty       | 28.21 in.          |                     |      |      |                      |       |       |      |      |      |
| R.H. 83 %          | 24 hr. Mov. — mi. | Sea L. 29.53 in.   |                     |      |      |                      |       |       |      |      |      |
| Ppn. Liq. 0.04 in. | Prev. Dir. —      | 3 hr. Tend. 1.1 mb |                     |      |      |                      |       |       |      |      |      |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer MWS       |                     |      |      |                      |       |       |      |      |      |
|                    |                   |                    | Vis. 3 mi.          |      |      |                      |       |       |      |      |      |
|                    |                   |                    | Vis. 25 mi.         |      |      |                      |       |       |      |      |      |
|                    |                   |                    | Vis. 25 mi.         |      |      |                      |       |       |      |      |      |

Friday, April 8th, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                   |                   |                    |                     |      |      |                    |       |       |      |      |      |
|-------------------|-------------------|--------------------|---------------------|------|------|--------------------|-------|-------|------|------|------|
| Temp.             | Wind              | Barom.             | Temp                | Dir. | Vel. | Read.              | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 53 °F        | SW                | 74 °F              | 417 0800 - 0930 DZ  |      |      | 417 1500 - 1540 DZ |       |       |      |      |      |
| Min. 30 °F        | 11 m.p.h.         | 28.53 in.          | 417 1615 - 1818 -RA |      |      | 417 1931 - 1945 DZ |       |       |      |      |      |
| Set 31 °F         | Char: Breezy      | 28.395 in.         | 417 2018 - 2100 DZ  |      |      |                    |       |       |      |      |      |
| R.H. 75 %         | 24 hr. Mov. — mi. | Sea L. 29.805 in.  |                     |      |      |                    |       |       |      |      |      |
| Ppn. Liq. .30 in. | Prev. Dir. —      | 3 hr. Tend. 1.2 mb |                     |      |      |                    |       |       |      |      |      |
| Ppn. Sol. T in.   | Snow Depth T in.  | Observer GPRD      |                     |      |      |                    |       |       |      |      |      |
|                   |                   |                    | Vis. 25 mi.         |      |      |                    |       |       |      |      |      |
|                   |                   |                    | Vis. ~20 mi.        |      |      |                    |       |       |      |      |      |
|                   |                   |                    | Vis. 20 mi.         |      |      |                    |       |       |      |      |      |

Sat, Apr 9 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                    |                   |                    |                           |      |      |                       |       |       |      |      |      |
|--------------------|-------------------|--------------------|---------------------------|------|------|-----------------------|-------|-------|------|------|------|
| Temp.              | Wind              | Barom.             | Temp                      | Dir. | Vel. | Read.                 | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 41 °F         | —                 | 72 °F              | 4:00 AM - current - SN    |      |      | 5:55 AM - 2:05 PM -RA |       |       |      |      |      |
| Min. 31 °F         | 0 m.p.h.          | 28.60 in.          | 10:10 - 11:45 AM 418 - SN |      |      |                       |       |       |      |      |      |
| Set 33 °F          | Char: Calm        | 28.48 in.          |                           |      |      |                       |       |       |      |      |      |
| R.H. 93 %          | 24 hr. Mov. — mi. | Sea L. 29.87 in.   |                           |      |      |                       |       |       |      |      |      |
| Ppn. Liq. 0.11 in. | Prev. Dir. —      | 3 hr. Tend. 1.0 mb |                           |      |      |                       |       |       |      |      |      |
| Ppn. Sol. 1.1 in.  | Snow Depth 1 in.  | Observer SFR       |                           |      |      |                       |       |       |      |      |      |
|                    |                   |                    | Vis. 2 mi.                |      |      |                       |       |       |      |      |      |
|                    |                   |                    | Vis. 10 mi.               |      |      |                       |       |       |      |      |      |

Sunday, April 10, 2016 0700 EST Meteorological Observatory University Park, PA General Obs.

|                    |                   |                    |                 |      |      |             |       |       |      |      |      |
|--------------------|-------------------|--------------------|-----------------|------|------|-------------|-------|-------|------|------|------|
| Temp.              | Wind              | Barom.             | Temp            | Dir. | Vel. | Read.       | Corr. | Clds. | 0700 | 1300 | 1900 |
| Max. 36 °F         | WSW               | 72 °F              | -SN 0803 - 0846 |      |      | 1209 - 1343 |       |       |      |      |      |
| Min. 21 °F         | 4 m.p.h.          | 29.11 in.          | -SN 1352 - 1426 |      |      | 1436 - 1449 |       |       |      |      |      |
| Set 23 °F          | Char: Calm        | 28.99 in.          | -SN 1540 - 1625 |      |      |             |       |       |      |      |      |
| R.H. 76 %          | 24 hr. Mov. — mi. | Sea L. 30.44 in.   |                 |      |      |             |       |       |      |      |      |
| Ppn. Liq. 0.03 in. | Prev. Dir. —      | 3 hr. Tend. 1.2 mb |                 |      |      |             |       |       |      |      |      |
| Ppn. Sol. 0.3 in.  | Snow Depth 0 in.  | Observer AEB       |                 |      |      |             |       |       |      |      |      |
|                    |                   |                    | Vis. 9 mi.      |      |      |             |       |       |      |      |      |
|                    |                   |                    | Vis. 9 mi.      |      |      |             |       |       |      |      |      |
|                    |                   |                    | Vis. 21 mi.     |      |      |             |       |       |      |      |      |

F: 61 T Davis: 61/55 O6 Tw: 57  
 HDD: 4 Tuvv: 59/54 Td: 53  
 2HDD: 4 Tmmts: 67/53/60  
 2COD: 0

Σ PCNL: .01"  
 Σ PCNS: 0"

F: 39 T Davis: 23/11 Tw: —  
 HDD: 26 Tuvv: 23/10 Td: 11  
 2HDD: 39 Tmmts: 52/21/22  
 2COD: 0  
 0248-0323-SN

Σ PCNL: .01"  
 Σ PCNS: 0"  
 F: 36 T Davis: 24/15 Tw: —  
 HDD: 24 Tuvv: 23/12 Td: 15  
 2HDD: 102 Tmmts: 50/20/21  
 2COD: 0  
 4/3/2016

Σ PCNL: .01"  
 Σ PCNS: 0"  
 F: 39 T Davis: 45/41 Tw: 44  
 HDD: 26 Tuvv: 45/39 Td: 40  
 2HDD: 168 Tmmts: 50/26/43  
 2COD: 0  
 4/5/16

Σ PCNL: 0.32"  
 Σ PCNS: T"  
 F: 36 T Davis: 37/31 Tw: —  
 HDD: 29 Tuvv: Td: 31  
 2HDD: 214 Tmmts: 40/29/31  
 2COD: 0  
 4/7/16

Σ PCNL: .73"  
 Σ PCNS: 1.1"  
 F: 36 T Davis: 49/47 Tw: —  
 HDD: 29 Tuvv: Td: 31  
 2HDD: 214 Tmmts: 40/29/31  
 2COD: 0  
 4/9/16

F: 56 T Davis: 44/42 Tw: 41  
 HDD: 39 Tuvv: 45/36 Td: 43  
 2HDD: 13 Tmmts: 66/47/44  
 2COD: 0

Σ PCNL: .01"  
 Σ PCNS: 0"

F: 31 T Davis: 38/30 Tw: —  
 HDD: 34 Tuvv: 36/30 Td: 30  
 2HDD: 73 Tmmts: 37/22/37  
 2COD: 0  
 4/2/16

Σ PCNL: .11"  
 Σ PCNS: T  
 F: 31 T Davis: 28/13 Tw: 24  
 HDD: 34 Tuvv: 27/14 Td: 17  
 2HDD: 136 Tmmts: 39/21/26  
 2COD: 0  
 4/4/16

Σ PCNL: 0.28"  
 Σ PCNS: T  
 F: 42 T Davis: 31/24 Tw: —  
 HDD: 33 Tuvv: 30/35 Td: 24  
 2HDD: 165 Tmmts: 52/34/24  
 2COD: 0  
 4/6/16

Σ PCNL: .63  
 Σ PCNS: T"  
 F: 29 T Davis: 23/16 Tw: —  
 HDD: 36 Tuvv: 23/16 Td: 16  
 2HDD: 250 Tmmts: 34/14/22  
 2COD: 0  
 -SN F18-1825  
 4/8/16

Σ PCNL: 0.46"  
 Σ PCNS: 1.4"  
 F: 42 T Davis: 31/24 Tw: —  
 HDD: 33 Tuvv: 30/35 Td: 24  
 2HDD: 165 Tmmts: 52/34/24  
 2COD: 0  
 4/7 3240-3250-02  
 4/8 0810-0240-SN  
 4/8 0755-0759-SN  
 4/10/2016

**Monday, April 11, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                 |                   |                   |                  |                   |
|-----------------|-------------------|-------------------|------------------|-------------------|
| Temp.           | Wind              | Barom.            | Temp             | 0041-0412 EST -D2 |
| Max. 45 °F      | Dir. SW           | Temp 74 °F        | Read. 28.85 in.  | 0549-0630 EST -D2 |
| Min. 23 °F      | Vel. 8 m.p.h.     | Read. 28.85 in.   | Corr. 28.75 in.  | BVNT Low: 41      |
| Set 44 °F       | Char. light       | Corr. 28.75 in.   | Sea L. 30.17 in. |                   |
| R.H. 70 %       | 24 hr. Mov. — mi. | Sea L. 30.17 in.  | Clds. 10/10      |                   |
| Ppn. Liq. T in. | Prev. Dir. —      | 3 hr. Tend. -2 mb | Wx —             |                   |
| Ppn. Sol. 0 in. | Snow Depth 0 in.  | Observer EDS      | Vis. ~15 mi.     |                   |

**Tuesday, April 12th, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                   |                  |                         |
|--------------------|-------------------|-------------------|------------------|-------------------------|
| Temp.              | Wind              | Barom.            | Temp             | 0932-1212; -D2, D2, -RA |
| Max. 59 °F         | Dir. NW           | Temp 74 °F        | Read. 29.03 in.  | 1334-1419; -D2, D2      |
| Min. 41 °F         | Vel. 10 m.p.h.    | Read. 29.03 in.   | Corr. 28.91 in.  | 1643-1714; -D2, D2      |
| Set 41 °F          | Char. Breezy      | Corr. 28.91 in.   | Sea L. 30.30 in. | 1852-1952; -D2, D2, -RA |
| R.H. 55 %          | 24 hr. Mov. — mi. | Sea L. 30.30 in.  | Clds. 5/10       |                         |
| Ppn. Liq. 0.11 in. | Prev. Dir. —      | 3 hr. Tend. +4 mb | Wx Breezy        |                         |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer MAV      | Vis. ~15 mi.     |                         |

**Wednesday, April 13th, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                   |                  |      |
|--------------------|-------------------|-------------------|------------------|------|
| Temp.              | Wind              | Barom.            | Temp             | 0700 |
| Max. 49 °F         | Dir. NE           | Temp 73 °F        | Read. 29.25 in.  | 1300 |
| Min. 32 °F         | Vel. 2 m.p.h.     | Read. 29.25 in.   | Corr. 29.13 in.  | 1900 |
| Set 35 °F          | Char. light       | Corr. 29.13 in.   | Sea L. 30.54 in. |      |
| R.H. 55 %          | 24 hr. Mov. — mi. | Sea L. 30.54 in.  | Clds. 1/10       |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. +1 mb | Wx —             |      |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer KEV      | Vis. 15 mi.      |      |

**Thursday, April 14th, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                     |                  |      |
|--------------------|-------------------|---------------------|------------------|------|
| Temp.              | Wind              | Barom.              | Temp             | 0700 |
| Max. 53 °F         | Dir. —            | Temp 74 °F          | Read. 29.14 in.  | 1300 |
| Min. 34 °F         | Vel. 0 m.p.h.     | Read. 29.14 in.     | Corr. 29.01 in.  | 1900 |
| Set 36 °F          | Char. Calm        | Corr. 29.01 in.     | Sea L. 30.43 in. |      |
| R.H. 70 %          | 24 hr. Mov. — mi. | Sea L. 30.43 in.    | Clds. 0/10       |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. 71.5 mb | Wx H3            |      |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer MBS        | Vis. ~20 mi.     |      |

**Friday, April 15th, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                    |                  |      |
|--------------------|-------------------|--------------------|------------------|------|
| Temp.              | Wind              | Barom.             | Temp             | 0700 |
| Max. 61 °F         | Dir. E            | Temp 74 °F         | Read. 29.23 in.  | 1300 |
| Min. 36 °F         | Vel. 2 m.p.h.     | Read. 29.23 in.    | Corr. 29.105 in. | 1900 |
| Set 42 °F          | Char. Calm        | Corr. 29.105 in.   | Sea L. 30.50 in. |      |
| R.H. 72 %          | 24 hr. Mov. — mi. | Sea L. 30.50 in.   | Clds. 0/10       |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. 1+2 mb | Wx —             |      |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer GPRO/MAK  | Vis. ~25 mi.     |      |

**Sat, Apr. 16, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                 |                   |                   |                  |      |
|-----------------|-------------------|-------------------|------------------|------|
| Temp.           | Wind              | Barom.            | Temp             | 0700 |
| Max. 67 °F      | Dir. —            | Temp 73 °F        | Read. 29.37 in.  | 1300 |
| Min. 41 °F      | Vel. 0 m.p.h.     | Read. 29.37 in.   | Corr. 29.25 in.  | 1900 |
| Set 44 °F       | Char. Calm        | Corr. 29.25 in.   | Sea L. 30.82 in. |      |
| R.H. 68 %       | 24 hr. Mov. — mi. | Sea L. 30.82 in.  | Clds. 0/10       |      |
| Ppn. Liq. — in. | Prev. Dir. —      | 3 hr. Tend. 41 mb | Wx H2            |      |
| Ppn. Sol. — in. | Snow Depth — in.  | Observer SN       | Vis. ~25 mi.     |      |

**Sunday, April 17, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                   |                  |      |
|--------------------|-------------------|-------------------|------------------|------|
| Temp.              | Wind              | Barom.            | Temp             | 0700 |
| Max. 72 °F         | Dir. —            | Temp 74 °F        | Read. 29.24 in.  | 1300 |
| Min. 44 °F         | Vel. 0 m.p.h.     | Read. 29.24 in.   | Corr. 29.11 in.  | 1900 |
| Set 48 °F          | Char. NONE        | Corr. 29.11 in.   | Sea L. 30.42 in. |      |
| R.H. 61 %          | 24 hr. Mov. — mi. | Sea L. 30.42 in.  | Clds. 0/10       |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. +1 mb | Wx WARM          |      |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer AEB      | Vis. 25 mi.      |      |

**Monday, April 18, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                   |                  |      |
|--------------------|-------------------|-------------------|------------------|------|
| Temp.              | Wind              | Barom.            | Temp             | 0700 |
| Max. 78 °F         | Dir. —            | Temp 77 °F        | Read. 29.15 in.  | 1300 |
| Min. 42 °F         | Vel. 0 m.p.h.     | Read. 29.15 in.   | Corr. 29.00 in.  | 1900 |
| Set 50 °F          | Char. —           | Corr. 29.00 in.   | Sea L. 30.37 in. |      |
| R.H. 57 %          | 24 hr. Mov. — mi. | Sea L. 30.37 in.  | Clds. 4/10       |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. +1 mb | Wx —             |      |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer EDS      | Vis. 25 mi.      |      |

**Tuesday, April 19, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                     |                  |      |
|--------------------|-------------------|---------------------|------------------|------|
| Temp.              | Wind              | Barom.              | Temp             | 0700 |
| Max. 80 °F         | Dir. N            | Temp 81 °F          | Read. 29.02 in.  | 1300 |
| Min. 50 °F         | Vel. 2 m.p.h.     | Read. 29.02 in.     | Corr. 28.88 in.  | 1900 |
| Set 62 °F          | Char. light       | Corr. 28.88 in.     | Sea L. 30.21 in. |      |
| R.H. 32 %          | 24 hr. Mov. — mi. | Sea L. 30.21 in.    | Clds. 4/10       |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. +0.5 mb | Wx —             |      |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer MAV        | Vis. 25 mi.      |      |

**Wednesday, April 20, 2016** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

|                    |                   |                    |                  |      |
|--------------------|-------------------|--------------------|------------------|------|
| Temp.              | Wind              | Barom.             | Temp             | 0700 |
| Max. 69 °F         | Dir. NE           | Temp 77 °F         | Read. 29.19 in.  | 1300 |
| Min. 44 °F         | Vel. 3 m.p.h.     | Read. 29.19 in.    | Corr. 29.06 in.  | 1900 |
| Set 48 °F          | Char. light       | Corr. 29.06 in.    | Sea L. 30.44 in. |      |
| R.H. 41 %          | 24 hr. Mov. — mi. | Sea L. 30.44 in.   | Clds. 0/10       |      |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. 1.5 mb | Wx —             |      |
| Ppn. Sol. 0 in.    | Snow Depth 0 in.  | Observer KEV       | Vis. 21 mi.      |      |

F: 34 T Davis: 415/35 Tw: T Davis: 41/33 Tw: 35  
 HDD: 31 Tunv: 413/36 To: 35  
 EHDD: 281 MMTS: 45/21/43  
 CDD: 0

0.85  
 2302 - 0416 = -02, 02,  
 +02, -RA

Σ PCNL: 0.76" 4/11/16  
 Σ PCNS: 1.4"

F: 44 T Davis: 36/25 Tw: 30  
 HDD: 24 Tunv: 32/25 To: 20  
 EHDD: 320 MMTS: 49/30/32  
 CDD: 0

F: 44 T Davis: 38/27 Tw: 32  
 HDD: 21 Tunv: 36/27 To: 27  
 EHDD: 341 MMTS: 52/32/35  
 CDD: 0

Σ PCNL: 0.87" 4/13/15  
 Σ PCNS: 1.4"

F: 49 T Davis: 43/30 07 Tw: 37  
 HDD: 16 Tunv: 37/30 To: 27  
 EHDD: 357 MMTS: 59/35/40  
 CDD: 0

F: 54 T Davis: 45/35 Tw: 38  
 HDD: 11 Tunv: MMTS: 64/39/44 To: 39  
 CDD: 0  
 EHDD: 368  
 CDD: 0

Σ PCNL: 0.81" 4/15/16  
 Σ PCNS: 1.4"

F: 58 T Davis: 48/36 Tw: 43  
 HDD: 7 Tunv: 46/36 To: 36  
 EHDD: 375 MMTS: 71/42/48  
 CDD: 0

F: 60 T Davis: 55/40 Tw: 40  
 HDD: 5 Tunv: 50/39 To: 40  
 EHDD: 380 MMTS: 78/46/51  
 CDD: 0

Σ PCNL: 0.87" 4/17/2016  
 Σ PCNS: 1.4"

F: 65 T Davis: 63/37 Tw: 48  
 HDD: 0 Tunv: 63/36 To: 33  
 EHDD: 380 MMTS: 80/51/62  
 CDD: 0

F: 57 T Davis: 49/27 Tw: 39  
 HDD: 8 Tunv: 43/28 To: 25  
 EHDD: 380 MMTS: 69/42/46  
 CDD: 0

Σ PCNL: 0.87" 4/19/16  
 Σ PCNS: 1.4"

Σ PCNL: 0.87" 4/20/16  
 Σ PCNS: 1.4"

Thursday, April 21, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                  |                      |                  |               |               |                 |
|--------------------|------------------|----------------------|------------------|---------------|---------------|-----------------|
| Temp.              | Wind             | Barom.               | Temp             | Clds.         | Clds.         | Clds.           |
| Max. 70 °F         | Dir. SW          | Temp 77 °F           | Sea L. 30.03 in. | 0700 Clds. CS | 1300 Clds. CS | 1900 Clds. SH+T |
| Min. 48 °F         | Vel. 6.10 m.p.h. | Read. 28.93 in.      |                  | 4/10 ALCLN    | 6/10 ALCLN    | 10/10           |
| Set 57 °F          | Char. Mild       | Corr. 28.79 in.      |                  |               |               |                 |
| R.H. 44 %          | 24 hr. Mov. —    | Sea L. 30.03 in.     |                  |               |               |                 |
| Ppn. Liq. 0.00 in. | Prev. Dir. —     | 3 hr. Tend. 30.01 mb |                  |               |               |                 |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer MWS         |                  |               |               |                 |
|                    |                  |                      |                  | Vis. 15 mi.   | Vis. 20 mi.   | Vis. 25 mi.     |

Friday, April 22, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                  |                      |                   |               |               |              |
|--------------------|------------------|----------------------|-------------------|---------------|---------------|--------------|
| Temp.              | Wind             | Barom.               | Temp              | Clds.         | Clds.         | Clds.        |
| Max. 73 °F         | Dir. W           | Temp 76 °F           | Sea L. 29.957 in. | 0700 Clds. NS | 1300 Clds. ST | 1900 Clds. — |
| Min. 56 °F         | Vel. 1 m.p.h.    | Read. 28.76 in.      |                   | 10/10         | 10/10 ST      | 10/10        |
| Set 59 °F          | Char. Calm       | Corr. 28.637 in.     |                   |               |               |              |
| R.H. 80 %          | 24 hr. Mov. —    | Sea L. 29.957 in.    |                   |               |               |              |
| Ppn. Liq. 0.01 in. | Prev. Dir. —     | 3 hr. Tend. 29.92 mb |                   |               |               |              |
| Ppn. Sol. 0 in.    | Snow Depth 0 in. | Observer GPRD        |                   |               |               |              |
|                    |                  |                      |                   | Vis. 4 mi.    | Vis. 15 mi.   | Vis. 25 mi.  |

THURSDAY 23 APR. 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                 |                  |                      |                  |               |              |                |
|-----------------|------------------|----------------------|------------------|---------------|--------------|----------------|
| Temp.           | Wind             | Barom.               | Temp             | Clds.         | Clds.        | Clds.          |
| Max. 72 °F      | Dir. NNE         | Temp 74 °F           | Sea L. 30.11 in. | 0700 Clds. ST | 1300 Clds. — | 1900 Clds. Cir |
| Min. 55 °F      | Vel. 6 m.p.h.    | Read. 28.89 in.      |                  | 4/122         |              |                |
| Set 56 °F       | Char. breezy     | Corr. 28.76 in.      |                  |               |              |                |
| R.H. 86 %       | 24 hr. Mov. —    | Sea L. 30.11 in.     |                  |               |              |                |
| Ppn. Liq. 0 in. | Prev. Dir. —     | 3 hr. Tend. 30.11 mb |                  |               |              |                |
| Ppn. Sol. — in. | Snow Depth — in. | Observer SRE         |                  |               |              |                |
|                 |                  |                      |                  | Vis. 15 mi.   | Vis. 20 mi.  | Vis. 25 mi.    |

Sunday, April 24, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                  |                      |                  |                |              |                |
|--------------------|------------------|----------------------|------------------|----------------|--------------|----------------|
| Temp.              | Wind             | Barom.               | Temp             | Clds.          | Clds.        | Clds.          |
| Max. 63 °F         | Dir. —           | Temp 74 °F           | Sea L. 30.21 in. | 0700 Clds. Cir | 1300 Clds. — | 1900 Clds. Cir |
| Min. 30 °F         | Vel. 0 m.p.h.    | Read. 28.95 in.      |                  | 3/10 ST+T      |              |                |
| Set 41 °F          | Char. NONE       | Corr. 28.82 in.      |                  |                |              |                |
| R.H. 49 %          | 24 hr. Mov. —    | Sea L. 30.21 in.     |                  |                |              |                |
| Ppn. Liq. 0.00 in. | Prev. Dir. —     | 3 hr. Tend. 30.21 mb |                  |                |              |                |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer AER         |                  |                |              |                |
|                    |                  |                      |                  | Vis. 25+ mi.   | Vis. 25 mi.  | Vis. 21 mi.    |

April 25 2016, Monday  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                  |                       |                   |                |                |                |
|--------------------|------------------|-----------------------|-------------------|----------------|----------------|----------------|
| Temp.              | Wind             | Barom.                | Temp              | Clds.          | Clds.          | Clds.          |
| Max. 68 °F         | Dir. —           | Temp 75 °F            | Sea L. 30.053 in. | 0700 Clds. Cir | 1300 Clds. Cir | 1900 Clds. Cir |
| Min. 41 °F         | Vel. 0 m.p.h.    | Read. 28.81 in.       |                   | 6/10           | 7/10           | 5/10           |
| Set 47 °F          | Char. —          | Corr. 28.663 in.      |                   |                |                |                |
| R.H. 57 %          | 24 hr. Mov. —    | Sea L. 30.053 in.     |                   |                |                |                |
| Ppn. Liq. 0.00 in. | Prev. Dir. —     | 3 hr. Tend. 30.053 mb |                   |                |                |                |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer EDS          |                   |                |                |                |
|                    |                  |                       |                   | Vis. 20 mi.    | Vis. 20 mi.    | Vis. 25 mi.    |

Tuesday, April 26, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                  |                      |                  |                  |                |                |
|--------------------|------------------|----------------------|------------------|------------------|----------------|----------------|
| Temp.              | Wind             | Barom.               | Temp             | Clds.            | Clds.          | Clds.          |
| Max. 78 °F         | Dir. SW          | Temp 76 °F           | Sea L. 29.98 in. | 0700 Clds. ST    | 1300 Clds. Cir | 1900 Clds. Cir |
| Min. 47 °F         | Vel. 8 m.p.h.    | Read. 28.62 in.      |                  | 08/2 - 0707: -RA | 9/10           | 2/10           |
| Set 62 °F          | Char. light      | Corr. 28.49 in.      |                  |                  |                |                |
| R.H. 65 %          | 24 hr. Mov. —    | Sea L. 29.98 in.     |                  |                  |                |                |
| Ppn. Liq. 0.09 in. | Prev. Dir. —     | 3 hr. Tend. 29.98 mb |                  |                  |                |                |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer MAV         |                  |                  |                |                |
|                    |                  |                      |                  | Vis. 25 mi.      | Vis. 25+ mi.   | Vis. 25 mi.    |

Wednesday, April 27, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                   |                  |                      |                  |               |               |               |
|-------------------|------------------|----------------------|------------------|---------------|---------------|---------------|
| Temp.             | Wind             | Barom.               | Temp             | Clds.         | Clds.         | Clds.         |
| Max. 75 °F        | Dir. NE          | Temp 74 °F           | Sea L. 30.02 in. | 0700 Clds. ST | 1300 Clds. ST | 1900 Clds. CS |
| Min. 40 °F        | Vel. 3 m.p.h.    | Read. 28.76 in.      |                  | 9/10          | 9/10          | 2/10 CS       |
| Set 42 °F         | Char. light      | Corr. 28.64 in.      |                  |               |               |               |
| R.H. 62 %         | 24 hr. Mov. —    | Sea L. 30.02 in.     |                  |               |               |               |
| Ppn. Liq. T in.   | Prev. Dir. —     | 3 hr. Tend. 30.02 mb |                  |               |               |               |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer KEV         |                  |               |               |               |
|                   |                  |                      |                  | Vis. 20 mi.   | Vis. 20 mi.   | Vis. 20 mi.   |

Thursday, April 28, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                      |                  |               |               |              |
|--------------------|-------------------|----------------------|------------------|---------------|---------------|--------------|
| Temp.              | Wind              | Barom.               | Temp             | Clds.         | Clds.         | Clds.        |
| Max. 64 °F         | Dir. ENE          | Temp 75 °F           | Sea L. 30.05 in. | 0700 Clds. CS | 1300 Clds. NS | 1900 Clds. — |
| Min. 41 °F         | Vel. 4.618 m.p.h. | Read. 28.82 in.      |                  | 10/10 Accel   | 10/10         | 10/10        |
| Set 47 °F          | Char. Calm        | Corr. 28.69 in.      |                  |               |               |              |
| R.H. 49 %          | 24 hr. Mov. —     | Sea L. 30.05 in.     |                  |               |               |              |
| Ppn. Liq. 0.06 in. | Prev. Dir. —      | 3 hr. Tend. 30.05 mb |                  |               |               |              |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer MWS         |                  |               |               |              |
|                    |                   |                      |                  | Vis. 20+ mi.  | Vis. 20.5 mi. | Vis. 25 mi.  |

Friday, April 29, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                  |                       |                   |               |              |              |
|--------------------|------------------|-----------------------|-------------------|---------------|--------------|--------------|
| Temp.              | Wind             | Barom.                | Temp              | Clds.         | Clds.        | Clds.        |
| Max. 48 °F         | Dir. E           | Temp 74 °F            | Sea L. 30.137 in. | 0700 Clds. NS | 1300 Clds. — | 1900 Clds. — |
| Min. 42 °F         | Vel. 1 m.p.h.    | Read. 28.89 in.       |                   | 10/10         |              |              |
| Set 45 °F          | Char. Calm       | Corr. 28.767 in.      |                   |               |              |              |
| R.H. 91 %          | 24 hr. Mov. —    | Sea L. 30.137 in.     |                   |               |              |              |
| Ppn. Liq. 0.63 in. | Prev. Dir. —     | 3 hr. Tend. 30.137 mb |                   |               |              |              |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer GPRD         |                   |               |              |              |
|                    |                  |                       |                   | Vis. 5 mi.    | Vis. 5 mi.   | Vis. 5 mi.   |

Sat. April 30  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                  |                      |                  |              |              |              |
|--------------------|------------------|----------------------|------------------|--------------|--------------|--------------|
| Temp.              | Wind             | Barom.               | Temp             | Clds.        | Clds.        | Clds.        |
| Max. 47 °F         | Dir. E           | Temp 74 °F           | Sea L. 30.45 in. | 0700 Clds. — | 1300 Clds. — | 1900 Clds. — |
| Min. 42 °F         | Vel. 3 m.p.h.    | Read. 29.18 in.      |                  |              |              |              |
| Set 41 °F          | Char. light      | Corr. 29.05 in.      |                  |              |              |              |
| R.H. 90 %          | 24 hr. Mov. —    | Sea L. 30.45 in.     |                  |              |              |              |
| Ppn. Liq. 0.04 in. | Prev. Dir. —     | 3 hr. Tend. 30.45 mb |                  |              |              |              |
| Ppn. Sol. — in.    | Snow Depth — in. | Observer SRE         |                  |              |              |              |
|                    |                  |                      |                  | Vis. 5 mi.   | Vis. 5 mi.   | Vis. 25 mi.  |

T: 59  
 HDD: 6  
 Σ HDD: 394  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 56/34  
 T<sub>UNV</sub>: 52/36  
 M<sub>METS</sub>: 69/46/55  
 T<sub>w</sub>: 47  
 T<sub>D</sub>: 35

T: 65  
 HDD: 0  
 Σ HDD: 394  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 59/53  
 T<sub>UNV</sub>: 55/48  
 M<sub>METS</sub>: 73/55/58  
 T<sub>w</sub>: 55  
 T<sub>D</sub>: 51

Σ PCNL: 0.87"  
 Σ PCNS: 1.4"  
 4/21/16

Σ PCNL: .98"  
 Σ PCNS: 1.4"  
 4/20/16

T: 64  
 HDD: 1  
 Σ HDD: 395  
 CDD: 0  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 55/47  
 T<sub>UNV</sub>: 54/46  
 T<sub>METS</sub>: 70/53/53  
 T<sub>w</sub>: 52  
 T<sub>D</sub>: 50

T: 50  
 HDD: 15  
 Σ HDD: 400  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 42/24  
 T<sub>UNV</sub>: 39/28  
 M<sub>METS</sub>: 61/35/41  
 T<sub>w</sub>: 36  
 T<sub>D</sub>: 24

Σ PCNL: .86"  
 Σ PCNS: 1.4"  
 4/23/16

Σ PCNL: 0.88"  
 Σ PCNS: 1.4"  
 4/24/2016

T: 55  
 HDD: 10  
 Σ HDD: 420  
 CDD: 0  
 T<sub>DAVIS</sub>: 48/34  
 T<sub>UNV</sub>: 45/32  
 M<sub>METS</sub>: 68/41/46  
 T<sub>D</sub>: 34

T: 63  
 HDD: 2  
 Σ HDD: 422  
 CDD: 0  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 61/54  
 T<sub>UNV</sub>: 61/54  
 M<sub>METS</sub>: 78/46/60  
 T<sub>w</sub>: 55  
 T<sub>D</sub>: 50

Σ PCNL: 0.88"  
 Σ PCNS: 1.4"  
 4/25/16

Σ PCNL: 0.94"  
 Σ PCNS: 1.4"  
 4/26/15

T: 58  
 HDD: 7  
 Σ HDD: 429  
 CDD: 0  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 42/36  
 T<sub>UNV</sub>: 41/34  
 M<sub>METS</sub>: 76/39/39  
 T<sub>w</sub>: 37  
 T<sub>D</sub>: 30

T: 53  
 HDD: 12  
 Σ HDD: 441  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 46/27  
 T<sub>UNV</sub>: 47/30  
 T<sub>METS</sub>: 63/39/45  
 T<sub>w</sub>: 40  
 T<sub>D</sub>: 29

Σ PCNL: 0.96"  
 Σ PCNS: 1.4"  
 4/27/16

Σ PCNL: 0.96"  
 Σ PCNS: 1.4"  
 4/28/16

T: 45  
 HDD: 20  
 Σ HDD: 461  
 Σ CDD: 0  
 T<sub>UNV</sub>: 43/43  
 T<sub>DAVIS</sub>: 45/43  
 T<sub>METS</sub>: 47/40/43  
 T<sub>w</sub>: 45  
 T<sub>D</sub>: 43

T: 45  
 HDD: 20  
 Σ HDD: 481  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 46/44  
 T<sub>UNV</sub>:  
 T<sub>METS</sub>: 46/43/44  
 T<sub>w</sub>: 43  
 T<sub>D</sub>: 43

Σ PCNL: 1.59"  
 Σ PCNS: 1.4"  
 4/29/16

Σ PCNL: 1.63"  
 Σ PCNS: 1.4"  
 4/30/16  
 (T<sub>METS</sub>: 59.7°  
 T<sub>METS</sub>: 37.7°  
 T<sub>METS</sub>: 48.68°  
 +0.36°)  
 APRIL TEMPS