

Wednesday, June 1, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                     |               |             |             |
|--------------------|-------------------|---------------------|---------------|-------------|-------------|
| Temp.              | Wind              | Barom.              | General Obs.  |             |             |
| Max. 91 °F         | Dir. SW           | Temp 76 °F          | 0700          | 1300        | 1900        |
| Min. 72 * °F       | Vel. 4 m.p.h.     | Read. 28.97 in.     | *OUNT Low: 73 |             |             |
| Set                | Char. Calm        | Corr.               |               |             |             |
| 77 °F              | light             | 28.83 in.           | Clds. 0700    | Clds. 1300  | Clds. 1900  |
| R.H. 91 %          | 24 hr. Mov. — mi. | Sea L. 30.12 in.    | 0/10          | 0/10 St.    | 0/10        |
| Ppn. Liq. 6.00 in. | Prev. Dir. —      | 3 hr. Tend. +0.5 mb | Wx +Hz        | Wx sunny    | Wx muggy    |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer BB         | Vis. 5 mi.    | Vis. 20 mi. | Vis. 25 mi. |

Thursday, June 2, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                     |              |             |             |
|--------------------|-------------------|---------------------|--------------|-------------|-------------|
| Temp.              | Wind              | Barom.              | General Obs. |             |             |
| Max. 88 °F         | Dir. W            | Temp 76 °F          | 0700         | 1300        | 1900        |
| Min. 64 °F         | Vel. 10 m.p.h.    | Read. 28.94 in.     |              |             |             |
| Set                | Char. steady      | Corr. 28.81 in.     |              |             |             |
| 64 °F              | 24 hr. Mov. — mi. | Sea L. 30.24 in.    | Clds. 0700   | Clds. 1300  | Clds. 1900  |
| R.H. 80 %          | Prev. Dir. —      | 3 hr. Tend. +0.5 mb | 0/10         | 0/10        | 0/10        |
| Ppn. Liq. 0.00 in. | Snow Depth 0 in.  | Observer HW         | Wx cooler    | Wx sunny    | Wx clear    |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer HW         | Vis. 17 mi.  | Vis. 15 mi. | Vis. 10 mi. |

Friday, June 3, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                     |                |             |             |
|--------------------|-------------------|---------------------|----------------|-------------|-------------|
| Temp.              | Wind              | Barom.              | General Obs.   |             |             |
| Max. 73 °F         | Dir. W            | Temp 74 °F          | 0700           | 1300        | 1900        |
| Min. 49 °F         | Vel. 2 m.p.h.     | Read. 29.03 in.     |                |             |             |
| Set                | Char. Calm        | Corr.               |                |             |             |
| 53 °F              | light             | 28.90 in.           | Clds. 0700     | Clds. 1300  | Clds. 1900  |
| R.H. 61 %          | 24 hr. Mov. — mi. | Sea L. 30.38 in.    | Clds. 4/10 St. | Clds. 0/10  | Clds. 0/10  |
| Ppn. Liq. 0.00 in. | Prev. Dir. —      | 3 hr. Tend. +2.0 mb | Wx cool        | Wx sunny    | Wx clear    |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer HW         | Vis. 17 mi.    | Vis. 15 mi. | Vis. 17 mi. |

SATURDAY, JUNE 4, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                   |              |             |               |
|--------------------|-------------------|-------------------|--------------|-------------|---------------|
| Temp.              | Wind              | Barom.            | General Obs. |             |               |
| Max. 74 °F         | Dir. SSW          | Temp 74 °F        | 0700         | 1300        | 1900          |
| Min. 51 °F         | Vel. 2 m.p.h.     | Read. 29.02 in.   |              |             |               |
| Set                | Char. light       | Corr. 28.89 in.   |              |             |               |
| 55 °F              | 24 hr. Mov. — mi. | Sea L. 30.37 in.  | Clds. 0700   | Clds. 1300  | Clds. 1900    |
| R.H. 80 %          | Prev. Dir. —      | 3 hr. Tend. —0 mb | 3/10 AS      | Wx          | Clds. 8/10 SR |
| Ppn. Liq. 0.00 in. | Snow Depth 0 in.  | Observer MS       | Wx clear     | Wx          | Wx clear      |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer MS       | Vis. 25 mi.  | Vis. 25 mi. | Vis. 15 mi.   |

Sunday, June 5, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                   |  |             |             |
|--------------------|-------------------|-------------------|--|-------------|-------------|
| Temp.              | Wind              | Barom.            | General Obs.                                       |             |             |
| Max. 72 °F         | Dir. —            | Temp 75 °F        | 0700   | 1300        | 1900        |
| Min. 54 * °F       | Vel. 0 m.p.h.     | Read. 28.81 in.   | T SH RA 1345-1535<br>-SH RA 0015-0055<br>0415-0455 |             |             |
| Set                | Char. Calm        | Corr. 28.68 in.   | OANT DOWN: 01                                      |             |             |
| 62 °F              | 24 hr. Mov. — mi. | Sea L. 30.11 in.  | Clds. 0700   | Clds. 1300  | Clds. 1900  |
| R.H. 88 %          | Prev. Dir. —      | 3 hr. Tend. —0 mb | Clds. 10/10  | Wx          | Clds. 0/10  |
| Ppn. Liq. 0.22 in. | Snow Depth 0 in.  | Observer MS       | Wx -Hz   | Wx          | Wx mid      |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer MS       | Vis. 20 mi.  | Vis. 15 mi. | Vis. 15 mi. |

Monday, June 6, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                     |                                      |             |             |
|--------------------|-------------------|---------------------|--------------------------------------|-------------|-------------|
| Temp.              | Wind              | Barom.              | General Obs.                         |             |             |
| Max. 84 °F         | Dir. —            | Temp 76 °F          | 0700                                 | 1300        | 1900        |
| Min. 57 °F         | Vel. 0 m.p.h.     | Read. 28.94 in.     | -5HEA 0930-1200<br>precip very light |             |             |
| Set                | Char. Calm        | Corr. 28.80 in.     | *OUNT Low: 65                        |             |             |
| 61 °F              | 24 hr. Mov. — mi. | Sea L. 30.13 in.    | Clds. 0700                           | Clds. 1300  | Clds. 1900  |
| R.H. 78 %          | Prev. Dir. —      | 3 hr. Tend. +1.0 mb | 0/10                                 | Clds. 4/10  | Clds. 10/10 |
| Ppn. Liq. 0.00 in. | Snow Depth 0 in.  | Observer BB         | Wx -Hz                               | Wx calm     | Wx cloudy   |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer BB         | Vis. 20 mi.                          | Vis. 20 mi. | Vis. 20 mi. |

Tuesday, June 7, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                     |                 |             |             |
|--------------------|-------------------|---------------------|-----------------|-------------|-------------|
| Temp.              | Wind              | Barom.              | General Obs.    |             |             |
| Max. 81 °F         | Dir. —            | Temp 76 °F          | 0700            | 1300        | 1900        |
| Min. 61 °F         | Vel. 0 m.p.h.     | Read. 28.88 in.     | *OUNT Low: 62   |             |             |
| Set                | Char. Calm        | Corr. 28.74 in.     |                 |             |             |
| 63 °F              | 24 hr. Mov. — mi. | Sea L. 30.05 in.    | Clds. 0700      | Clds. 1300  | Clds. 1900  |
| R.H. 84 %          | Prev. Dir. —      | 3 hr. Tend. +0.5 mb | Clds. 11/10 St. | Clds. 0/10  | Clds. 8/10  |
| Ppn. Liq. 0.00 in. | Snow Depth 0 in.  | Observer BB         | Wx -Hz          | Wx clear    | Wx mid      |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer BB         | Vis. 20 mi.     | Vis. 25 mi. | Vis. 45 mi. |

Wednesday, June 8, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                   |                   |                     |                                      |             |             |
|-------------------|-------------------|---------------------|--------------------------------------|-------------|-------------|
| Temp.             | Wind              | Barom.              | General Obs.                         |             |             |
| Max. 80 °F        | Dir. —            | Temp 75 °F          | 0700                                 | 1300        | 1900        |
| Min. 63 * °F      | Vel. 0 m.p.h.     | Read. 28.85 in.     | -5HEA 0930-1200<br>precip very light |             |             |
| Set               | Char. Calm        | Corr. 28.71 in.     | *OUNT Low: 65                        |             |             |
| 68 °F             | 24 hr. Mov. — mi. | Sea L. 30.02 in.    | Clds. 0700                           | Clds. 1300  | Clds. 1900  |
| R.H. 82 %         | Prev. Dir. —      | 3 hr. Tend. +1.0 mb | 0/10                                 | Clds. 0/10  | Clds. 10/10 |
| Ppn. Liq. T in.   | Snow Depth 0 in.  | Observer BB         | Wx +Hz                               | Wx +Hz      | Wx HR       |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in.  | Observer BB         | Vis. 5 mi.                           | Vis. 10 mi. | Vis. 10 mi. |

Thursday, June 9, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                    |                   |                     |               |                 |             |
|--------------------|-------------------|---------------------|---------------|-----------------|-------------|
| Temp.              | Wind              | Barom.              | General Obs.  |                 |             |
| Max. 91 °F         | Dir. —            | Temp 76 °F          | 0700          | 1300            | 1900        |
| Min. 68 * °F       | Vel. 0 m.p.h.     | Read. 28.67 in.     | *OUNT Low: 77 |                 |             |
| Set                | Char. Calm        | Corr. 28.73 in.     |               |                 |             |
| 77 °F              | 24 hr. Mov. — mi. | Sea L. 30.15 in.    | Clds. 0700    | Clds. 1300      | Clds. 1900  |
| R.H. 85 %          | Prev. Dir. —      | 3 hr. Tend. +0.5 mb | 0/10          | Clds. 10/10 St. | Clds. 10/10 |
| Ppn. Liq. 0.00 in. | Snow Depth 0 in.  | Observer HW         | Wx muggy/HZ   | Wx muggy        | Wx mist     |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.  | Observer HW         | Vis. 5 mi.    | Vis. 10 mi.     | Vis. 10 mi. |

Friday, June 10, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

|                   |                   |                     |                            |             |             |
|-------------------|-------------------|---------------------|----------------------------|-------------|-------------|
| Temp.             | Wind              | Barom.              | General Obs.               |             |             |
| Max. 91 °F        | Dir. W            | Temp 76 °F          | 0700                       | 1300        | 1900        |
| Min. 67 °F        | Vel. 2 m.p.h.     | Read. 28.92 in.     | DT 1630-1700<br>occl TR RA |             |             |
| Set               | Char. light       | Corr. 28.79 in.     |                            |             |             |
| 68 °F             | 24 hr. Mov. — mi. | Sea L. 30.22 in.    | Clds. 0700                 | Clds. 1300  | Clds. 1900  |
| R.H. 80 %         | Prev. Dir. —      | 3 hr. Tend. +0.4 mb | 0/10                       | Clds. 0/10  | Clds. 10/10 |
| Ppn. Liq. T in.   | Snow Depth 0 in.  | Observer HW         | Wx HZ                      | Wx clear    | Wx muggy    |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in.  | Observer HW         | Vis. 5 mi.                 | Vis. 15 mi. | Vis. 10 mi. |

F: 82      Tuv: 75/70      Tw: 75      F: 76      Tuv: 63/43      Tw: 55  
 HDD: 0      Tdavs: 77/74      Ta: 74      HDD: 0      Tdavs: 64/48      Ta: 45  
 ZHDD: 0      mmts: 90/72/76      ZHDD: 0      mmts: 87/63/63  
 CDD: 17      ZCDD: 28  
 ZLDD: 17

ΣPCNL: 0.00"      ΣPCNL: 0.00"      ΣPCNL: 0.00"      ΣPCNL: 0.00"  
 ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"

F: 61      Tuv: 52/43      Tw: 47      F: 63      Tuv: 54/40      Tw: 49  
 HDD: 4      Tdavs: 52/45      Ta: 40      HDD: 2      Tdavs: 54/48  
 ZHDD: 4      mmts: 71/47/51      ZHDD: 0      mmts: 73/50/54  
 CDD: 11      ZCDD: 28  
 ZCDD: 28

ΣPCNL: 0.00"      ΣPCNL: 0.00"      ΣPCNL: 0.00"      ΣPCNL: 0.00"  
 ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"

F: 63      Tuv: 61/57      Tw: 58      F: 71      Tuv: 59/55      Tw: 57  
 HDD: 2      Tdavs: 62/51      Ta: 58      HDD: 0      Tdavs: 61/57      Ta: 54  
 ZHDD: 8      mmts: 72/54/61      ZHDD: 8      mmts: 83/54/60  
 CDD: 0      ZCDD: 28  
 ZCDD: 28

ΣPCNL: 0.22"      ΣPCNL: 0.22"      ΣPCNL: 0.22"      ΣPCNL: 0.22"  
 ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"

F: 71      Tuv: 62/58      Tw: 60      F: 72      Tuv: 68/61      Tw: 64.5  
 HDD: 0      Tdavs: 62/59      Ta: 58      HDD: 0      Tdavs: 68/66      Ta: 62.5  
 ZHDD: 8      mmts: 80/59/61      ZHDD: 8      mmts: 79/61/68  
 CDD: 6      ZCDD: 40      CDD: 7      ZCDD: 47  
 ZCDD: 40

ΣPCNL: 0.22"      ΣPCNL: 0.22"      ΣPCNL: 0.22"      ΣPCNL: 0.22"  
 ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"

F: 80      Tuv: 77/70      Tw: 72      F: 79      Tuv: 68/61      Tw: 64  
 HDD: 0      Tdavs: 77/74      Ta: 71      HDD: 0      Tdavs: 69/66      Ta: 62  
 ZHDD: 8      mmts: 90/68/77      ZHDD: 8      mmts: 89/65/67  
 CDD: 15      ZCDD: 62      CDD: 14      ZCDD: 76  
 ZCDD: 62

ΣPCNL: 0.22"      ΣPCNL: 0.22"      ΣPCNL: 0.22"      ΣPCNL: 0.22"  
 ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"      ΣPCNs: 0.0"

6/10/11

6/4/11

6-9-11

6-7-11

6/5/11

6-6-11

6-8-11

6-2-11

6-3-11

6-1-11

**SATURDAY, JUNE 11, 2011** Meteorological Observatory  
University Park, PA

| Temp.              | Wind                  | Barom.              | General Obs.           |
|--------------------|-----------------------|---------------------|------------------------|
| Max. 84 °F         | Dir. SSE              | Temp 75 °F          | -SHRA 1715 - 1745      |
| Min. 64 °F         | Vel. 2 m.p.h.         | Read. 28.83 in.     | -T SHRA 2315 - 0535    |
| Set                | Char. 2 m.p.h.        | Corr. 28.83 in.     | *Asc Precip (108,1957) |
| R.H. 100%          | 24 hr Mov. 24 hr Mov. | Sea L. 30.18 in.    |                        |
| Ppn. Liq. 1.92 in. | Prev. Dir. /          | 3 hr Tend. 14.40 mb |                        |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in.      | Observer MS         |                        |
|                    |                       |                     | 0700 Clds. CU.         |
|                    |                       |                     | 1300 Clds. /           |
|                    |                       |                     | 1900 Clds. SC.         |
|                    |                       |                     | Wx Hazy                |
|                    |                       |                     | Vis. ~10 mi.           |
|                    |                       |                     | Wx /                   |
|                    |                       |                     | Vis. /                 |
|                    |                       |                     | Wx /                   |
|                    |                       |                     | Vis. /                 |

**Sunday, June 12, 2011** Meteorological Observatory  
University Park, PA

| Temp.             | Wind             | Barom.               | General Obs.       |
|-------------------|------------------|----------------------|--------------------|
| Max. 79 °F        | Dir. S           | Temp 79 °F           | SHRA 1815 - 1915   |
| Min. 63 °F        | Vel. 3 m.p.h.    | Read. 28.78 in.      |                    |
| Set               | Char. 3 m.p.h.   | Corr. 28.78 in.      |                    |
| R.H. 107 °F       | 24 hr Mov. BROZY | Sea L. 28.05 in.     |                    |
| Ppn. Liq. 104 %   | Prev. Dir. /     | 3 hr Tend. 30.08 in. |                    |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS          |                    |
|                   |                  |                      | 0700 QANT LOW: 010 |
|                   |                  |                      | 1300 Clds. St.     |
|                   |                  |                      | 1900 Clds. SC.     |
|                   |                  |                      | Wx /               |
|                   |                  |                      | Vis. /             |
|                   |                  |                      | Wx /               |
|                   |                  |                      | Vis. /             |

**Monday, June 13<sup>th</sup>, 2011** Meteorological Observatory  
University Park, PA

| Temp.              | Wind            | Barom.               | General Obs.      |
|--------------------|-----------------|----------------------|-------------------|
| Max. 80 °F         | Dir. NW         | Temp 76 °F           | -SHRA 1115 - 1155 |
| Min. 55 °F         | Vel. 2 m.p.h.   | Read. 28.82 in.      |                   |
| Set                | Char. 2 m.p.h.  | Corr. 28.82 in.      |                   |
| R.H. 56 °F         | 24 hr Mov. calm | Sea L. 28.68 in.     |                   |
| Ppn. Liq. 82 %     | Prev. Dir. /    | 3 hr Tend. 30.02 in. |                   |
| Ppn. Sol. 0.07 in. | Snow Depth /    | Observer /           |                   |
|                    |                 |                      | 0700 Clds. Cs     |
|                    |                 |                      | 1300 Clds. SC.    |
|                    |                 |                      | 1900 Clds. SC.    |
|                    |                 |                      | Wx /              |
|                    |                 |                      | Vis. /            |
|                    |                 |                      | Wx /              |
|                    |                 |                      | Vis. /            |

**Tuesday, June 14<sup>th</sup>, 2011** Meteorological Observatory  
University Park, PA

| Temp.             | Wind             | Barom.           | General Obs.   |
|-------------------|------------------|------------------|----------------|
| Max. 71 °F        | Dir. NW          | Temp 75 °F       | -SHRA ~2015    |
| Min. 56 °F        | Vel. 6 m.p.h.    | Read. 28.83 in.  |                |
| Set               | Char. light      | Corr. 28.69 in.  |                |
| R.H. 93 %         | 24 hr Mov. /     | Sea L. 30.02 in. |                |
| Ppn. Liq. T in.   | Prev. Dir. /     | 3 hr Tend. /     |                |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer BB      |                |
|                   |                  |                  | 0700 Clds. St  |
|                   |                  |                  | 1300 Clds. SC. |
|                   |                  |                  | 1900 Clds. SC. |
|                   |                  |                  | Wx /           |
|                   |                  |                  | Vis. /         |
|                   |                  |                  | Wx /           |
|                   |                  |                  | Vis. /         |

**Wednesday, June 15<sup>th</sup>, 2011** Meteorological Observatory  
University Park, PA

| Temp.              | Wind             | Barom.           | General Obs. |
|--------------------|------------------|------------------|--------------|
| Max. 69 °F         | Dir. SW          | Temp 74 °F       |              |
| Min. 49 °F         | Vel. 1 m.p.h.    | Read. 28.87 in.  |              |
| Set                | Char. calm       | Corr. 28.74 in.  |              |
| R.H. 87 %          | 24 hr Mov. /     | Sea L. 30.10 in. |              |
| Ppn. Liq. 0.00 in. | Prev. Dir. /     | 3 hr Tend. /     |              |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer BB      |              |
|                    |                  |                  | 0700 Clds. / |
|                    |                  |                  | 1300 Clds. / |
|                    |                  |                  | 1900 Clds. / |
|                    |                  |                  | Wx /         |
|                    |                  |                  | Vis. /       |
|                    |                  |                  | Wx /         |
|                    |                  |                  | Vis. /       |

**Thursday, June 16<sup>th</sup>, 2011** Meteorological Observatory  
University Park, PA

| Temp.              | Wind             | Barom.           | General Obs.   |
|--------------------|------------------|------------------|----------------|
| Max. 78 °F         | Dir. SSE         | Temp 74 °F       |                |
| Min. 53 °F         | Vel. 3 m.p.h.    | Read. 28.76 in.  |                |
| Set                | Char. calm       | Corr. 28.63 in.  |                |
| R.H. 75 %          | 24 hr Mov. /     | Sea L. 29.97 in. |                |
| Ppn. Liq. 0.00 in. | Prev. Dir. /     | 3 hr Tend. /     |                |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer BB      |                |
|                    |                  |                  | 0700 Clds. St. |
|                    |                  |                  | 1300 Clds. NS. |
|                    |                  |                  | 1900 Clds. NS. |
|                    |                  |                  | Wx /           |
|                    |                  |                  | Vis. /         |
|                    |                  |                  | Wx /           |
|                    |                  |                  | Vis. /         |

**Friday, June 17<sup>th</sup>, 2011** Meteorological Observatory  
University Park, PA

| Temp.              | Wind             | Barom.           | General Obs.    |
|--------------------|------------------|------------------|-----------------|
| Max. 73 °F         | Dir. S           | Temp 74 °F       | -RA 0545 - 0300 |
| Min. 59 °F         | Vel. 1 m.p.h.    | Read. 28.76 in.  | -RA 1520 - 1800 |
| Set                | Char. calm       | Corr. 28.63 in.  | TS 2055 - 2135  |
| R.H. 100 %         | 24 hr Mov. /     | Sea L. 29.95 in. |                 |
| Ppn. Liq. 0.13 in. | Prev. Dir. /     | 3 hr Tend. /     |                 |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer BB      |                 |
|                    |                  |                  | 0700 Clds. NS.  |
|                    |                  |                  | 1300 Clds. /    |
|                    |                  |                  | 1900 Clds. /    |
|                    |                  |                  | Wx /            |
|                    |                  |                  | Vis. /          |
|                    |                  |                  | Wx /            |
|                    |                  |                  | Vis. /          |

**Saturday, June 18, 2011** Meteorological Observatory  
University Park, PA

| Temp.             | Wind             | Barom.           | General Obs.      |
|-------------------|------------------|------------------|-------------------|
| Max. 75 °F        | Dir. /           | Temp 74 °F       | -DZ OBS 0830 LT   |
| Min. 60 °F        | Vel. 0 m.p.h.    | Read. 28.74 in.  |                   |
| Set               | Char. /          | Corr. 28.61 in.  |                   |
| R.H. 94 %         | 24 hr Mov. /     | Sea L. 30.04 in. |                   |
| Ppn. Liq. T in.   | Prev. Dir. /     | 3 hr Tend. /     |                   |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer MS      |                   |
|                   |                  |                  | 0700 QANT LOW: 05 |
|                   |                  |                  | 1300 Clds. /      |
|                   |                  |                  | 1900 Clds. /      |
|                   |                  |                  | Wx /              |
|                   |                  |                  | Vis. /            |
|                   |                  |                  | Wx /              |
|                   |                  |                  | Vis. /            |

**SUNDAY, JUNE 19, 2011** Meteorological Observatory  
University Park, PA

| Temp.              | Wind             | Barom.           | General Obs.   |
|--------------------|------------------|------------------|----------------|
| Max. 81 °F         | Dir. NNE         | Temp 79 °F       |                |
| Min. 62 °F         | Vel. 2 m.p.h.    | Read. 28.78 in.  |                |
| Set                | Char. light      | Corr. 28.65 in.  |                |
| R.H. 100 %         | 24 hr Mov. /     | Sea L. 30.08 in. |                |
| Ppn. Liq. 0.00 in. | Prev. Dir. /     | 3 hr Tend. /     |                |
| Ppn. Sol. 0.0 in.  | Snow Depth 0 in. | Observer MS      |                |
|                    |                  |                  | 0700 Clds. St. |
|                    |                  |                  | 1300 Clds. /   |
|                    |                  |                  | 1900 Clds. AS. |
|                    |                  |                  | Wx /           |
|                    |                  |                  | Vis. /         |
|                    |                  |                  | Wx /           |
|                    |                  |                  | Vis. /         |

**Monday, June 20<sup>th</sup>, 2011** Meteorological Observatory  
University Park, PA

| Temp.             | Wind             | Barom.           | General Obs.       |
|-------------------|------------------|------------------|--------------------|
| Max. 81 °F        | Dir. /           | Temp 76 °F       | -CA 1536 - 1600 LT |
| Min. 66 °F        | Vel. 0 m.p.h.    | Read. 28.75 in.  |                    |
| Set               | Char. calm       | Corr. 28.61 in.  |                    |
| R.H. 63 %         | 24 hr Mov. /     | Sea L. 29.73 in. |                    |
| Ppn. Liq. T in.   | Prev. Dir. /     | 3 hr Tend. /     |                    |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer BB      |                    |
|                   |                  |                  | 0700 Clds. St.     |
|                   |                  |                  | 1300 Clds. St.     |
|                   |                  |                  | 1900 Clds. /       |
|                   |                  |                  | Wx /               |
|                   |                  |                  | Vis. /             |
|                   |                  |                  | Wx /               |
|                   |                  |                  | Vis. /             |

F: 74 Tunv: 60/64 Tw: 68 F: 74 Tunv: 60/64 Tw: 69  
 HDD: 0 Tdavis: 67/67 HDD: 0 Tdavis: 67/67  
 ZHDD: 8 MMTS: 83/64/60 ZHDD: 8 MMTS: 80/63/60  
 CDD: 9 CDD: 6  
 ZCDD: 85 ZCDD: 91

ΣPCNk: 2.14" ΣPCNk: 2.14"  
 ΣPCNs: 0.0" ΣPCNs: 0.0"  
 6/11/11 6/12/11

F: 68 Tunv: 55/50 Tw: 53 F: 64 Tunv: 57/52 Tw: 57  
 HDD: 0 Tdavis: 55/52 HDD: 1 Tdavis: 57/55  
 ZHDD: 8 MMTS: 80/53/55 ZHDD: 9 MMTS: 69/53/56  
 CDD: 3 CDD: 0  
 ZCDD: 94 ZCDD: 94

ΣPCNk: 2.21" ΣPCNk: 2.21"  
 ΣPCNs: 0.0" ΣPCNs: 0.0"  
 6-13-11 6-14-11

F: 59 Tunv: 52/48 Tw: 51 F: 66 Tunv: 59/54 Tw: 57  
 HDD: 6 Tdavis: 53/51 HDD: 0 Tdavis: 63/55  
 ZHDD: 15 MMTS: 67/46/52 ZHDD: 15 MMTS: 76/52/61  
 CDD: 0 CDD: 1  
 ZCDD: 94 ZCDD: 95

ΣPCNk: 2.21" ΣPCNk: 2.21"  
 ΣPCNs: 0.0" ΣPCNs: 0.0"  
 6-15-11 6-16-11

F: 66 Tunv: 59/59 Tw: 60 F: 68 Tunv: 63/61 Tw: 67  
 HDD: 0 Tdavis: 59/59 HDD: 0 Tdavis: 60/60  
 ZHDD: 15 MMTS: 70/57/59 ZHDD: 15 MMTS: 74/59/65  
 CDD: 1 CDD: 3  
 ZCDD: 96 ZCDD: 99

ΣPCNk: 2.34" ΣPCNk: 2.34"  
 ΣPCNs: 0.0" ΣPCNs: 0.0"  
 6-17-11 6/19/11

F: 72 Tunv: 63/61 Tw: 68 F: 74 Tunv: 64/52 Tw: 58  
 HDD: 0 Tdavis: 63/61 HDD: 0 Tdavis: 60/57  
 ZHDD: 15 MMTS: 79/61/65 ZHDD: 15 MMTS: 79/63/64  
 CDD: 7 CDD: 9  
 ZCDD: 100 ZCDD: 115

ΣPCNk: 2.34" ΣPCNk: 2.34"  
 ΣPCNs: 0.0" ΣPCNs: 0.0"  
 6/19/11 6-20-11



FI: 74      Tunv: 68|66      Tw: 68  
 HDD: 0      T Davis: 68|68      Tj: 67.5  
 ZHDD: 15      wmts: 79|64|67  
 CDD: 9  
 ZCDD: 129  
 ZPCNL: 3.31"  
 ZPCNS: 0.0"      6-22-11

FI: 78      Tunv: 70|68      Tw: 69  
 HDD: 0      T Davis: 71|71      Tj: 68  
 ZHDD: 15      wmts: 83|70|70  
 CDD: 13  
 ZCDD: 148  
 ZPCNL: 3.32"  
 ZPCNS: 0.0"      6-23-11

FI: 76      Tunv: 66|63      Tw: 65  
 HDD: 0      T Davis: 68|68      Tj: 63.5  
 ZHDD: 15      wmts: 81|67|71  
 CDD: 11  
 ZCDD: 135  
 ZPCNL: 3.32"  
 ZPCNS: 0.0"      6-22-11

FI: 68      Tunv: 03|01      Tw: 63  
 HDD: 0      T Davis: 04|00      Tj: 62  
 ZHDD: 15      MPTS: 73|01|03  
 CDD: 3  
 ZCDD: 159  
 ZPCNL: 3.45"  
 ZPCNS: 0.0"      01/25/11

FI: 64      Tunv: 57|57      Tw: 58  
 HDD: 1      T Davis: 58|58      Tj: 58  
 ZHDD: 17      wmts: 69|55|57  
 CDD: 0  
 ZCDD: 159  
 ZPCNL: 3.45"  
 ZPCNS: 0.0"      01/25/11

FI: 67      Tunv: 66|64      Tw: 66  
 HDD: 0      T Davis: 67|67      Tj: 65  
 ZHDD: 17      wmts: 75|56|66  
 CDD: 2  
 ZCDD: 161  
 ZPCNL: 3.45"  
 ZPCNS: 0.0"      6-28-11

FI: 73      Tunv: 63|54      Tw: 58  
 HDD: 0      T Davis: 63|59      Tj: 55  
 ZHDD: 17      wmts: 83|60|62  
 CDD: 8  
 ZCDD: 169  
 ZPCNL: 3.67"  
 ZPCNS: 0.0"      6-29-11

FI: 66      Tunv: 59|55      Tw: 58  
 HDD: 0      T Davis: 60|58      Tj: 57  
 ZHDD: 17      wmts: 74|54|60  
 CDD: 1  
 ZCDD: 170  
 ZPCNL: 3.67"  
 ZPCNS: 0.0"      6-30-11

JUNE 2011  
 $\bar{T}_{max} = 79.10^{\circ}F$   
 $\bar{T}_{min} = 60.5^{\circ}F$   
 $\bar{T}_{sun} = 69.82^{\circ}F$