

Wednesday, November 1, 2006

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

|                      |                      |                        |   |                                   |                              |
|----------------------|----------------------|------------------------|---|-----------------------------------|------------------------------|
| Temp.                | Wind                 | Barom.                 |   |                                   |                              |
| Max.<br>71 °F        | Dir.<br>NW           | Temp<br>73 °F          | -SHRA 1641-1649, 2244-2254<br>-SHRA 0058-0119 |                                   |                              |
| Min.<br>42* °F       | Vel.<br>5 m.p.h.     | Read.<br>28.88 in.     | *Orngt Low = 43°F                             |                                   |                              |
| Set<br>46 °F         | Char.<br>Gusty       | Corr.<br>28.76 in.     | 0700  | 1300                              | 1900                         |
| R.H.<br>77 %         | 24 hr. Mov.<br>— mi. | Sea L.<br>30.13 in.    | Clds. St.<br>8/10                             | Clds. Ac<br>10/10<br>As<br>Billow | Clds.<br>10 St, As,<br>10 Ne |
| Ppn. Liq.<br>T in.   | Prev. Dir.<br>—      | 3 hr. Tend.<br>/+2.1mb | Wx Sunny<br>w/ valley<br>fog                  | Wx<br>Overcast                    | Wx<br>Cloudy                 |
| Ppn. Sol.<br>0.0 in. | Snow Depth<br>0 in.  | Observer<br>MLS        | Vis.<br>~ 8 mi.                               | Vis.<br>~ 25 mi.                  | Vis.<br>15 mi.               |

$$\begin{aligned} HDO &= 8 \\ CDO &= 0 \\ \Sigma HDO &= 8 \\ \Sigma CDO &= 0 \\ \Sigma PCAL &= T \end{aligned}$$

$$\begin{aligned} T_{DAVIS} &= 47/40 \\ T_{UNW} &= 45/36 \end{aligned}$$

$$\begin{aligned} T_d &= m \\ T_v &= m \end{aligned}$$

$$\begin{aligned} \text{Gauge}_1 &= T \\ \Sigma \text{Gauge}_2 &= T \end{aligned}$$

Thursday, 2 November, 2006 0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 |                      | Wind                     | Barom.                           | General Obs.  |                                  |  |
|-----------------------|----------------------|--------------------------|----------------------------------|---|----------------------------------|--|
| Max.<br>57 °F         | Dir.<br>WNW          | Temp<br>72.5 °F          | 28.87 in.                        | 1645-1745LT: A few sprinkles<br>1800-0110LT: -RA; with -RA/RA from<br>1930 to 0015LT. |                                  |  |
| Min.<br>36 °F         | Vel.<br>4 m.p.h.     | Read.                    |                                  |   |                                  |  |
| Set<br>36 °F          | Char.<br>steady      | Corr.<br>28.75 in.       |                                  |   |                                  |  |
| R.H.<br>91 %          | 24 hr. Mov.<br>— mi. | Sea L.<br>30.15 in.      | 0700<br>Clds.<br>3/10 Sc, Az, St | 1300<br>Clds.<br>4/10 SC  | 1900<br>Clds.<br>A<br>10 SC<br>C |  |
| Ppn. Liq.<br>0.43 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>— +1.0 mb | Wx chilly,<br>mostly clear       | Wx<br><del>partly</del><br>M. clear   | Wx<br>mostly<br>sunny            |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>AGM          | Vis.<br>25 mi.                   | Vis.<br>25 mi.  | Vis.<br>25 mi.                   |  |

$$\bar{T} = 47^\circ$$

$$HDD = 18$$

$$\Sigma HDD = 26$$

$$\Sigma PCN_L = 0.43''$$

$$\Sigma PCN_S = 0.0''$$

$$T_{DAVIS} = 39^\circ/33.5^\circ$$

$$T_{UNV} = 37^\circ/30^\circ$$

$$T_{KPSU} = 34^\circ/30^\circ$$

$$T_w = 35^\circ$$

$$T_b = 34^\circ$$

$$PCN_{G2} = 0.43''$$

$$\Sigma PCN_{G2} = 0.43''$$

Friday, November 3, 2006

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.              |  | Wind                 | Barom.                 | General Obs.        |                   |                               |
|--------------------|--|----------------------|------------------------|---------------------|-------------------|-------------------------------|
| Max.<br>44 °F      |  | Dir.<br>W            | Temp<br>71 °F          | -SHSN 2115-2145 LT  |                   |                               |
| Min.<br>28 °F      |  | Vel.<br>2 m.p.h.     | Read.<br>29.10 in.     |                     |                   |                               |
| Set<br>28 °F       |  | Char.<br>Light       | Corr.<br>28.98 in.     |                     |                   |                               |
|                    |  |                      |                        | 0700                | 1300              | 1900                          |
| R.H.<br>74 %       |  | 24 hr. Mov.<br>— mi. | Sea L.<br>30.41 in.    | Clds. Sc<br>8/10    | Clds. St<br>10/10 | Clds. Ac<br>10/10<br>Cs<br>Sc |
| Ppn. Liq.<br>T in. |  | Prev. Dir.<br>—      | 3 hr. Tend.<br>+1.4 mb | Wx Mostly<br>Cloudy | Wx<br>Cloudy      | Wx<br>Partly<br>Sunny         |
| Ppn. Sol.<br>T in. |  | Snow Depth<br>0 in.  | Observer<br>MLS        | Vis.<br>~17 mi.     | Vis.<br>~25 mi.   | Vis.<br>25 mi.                |

$\bar{T} = 36$   
HDD = 29  
CDD = 0  
 $\Sigma HDD = 55$   
 $\Sigma CDD = 0$   
 $\Sigma PCW_1 = 0.43$   
 $\Sigma PCW_2 = T$

$\bar{T}_{DAVIS} = 28/21$   
 $\bar{T}_{LOW} = 28/19$

$\bar{T}_1 = m$   
 $\bar{T}_2 = m$

Gauge<sub>2</sub> : T  
 $\Sigma \text{Gauge}_2 = 0.43''$

Saturday November 4, 2006

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.              |  | Wind                 | Barom.                 | General Obs.   |             |                                |
|--------------------|--|----------------------|------------------------|--|-------------|--------------------------------|
| Max.<br>37 °F      |  | Dir.<br>SW           | Temp<br>70 °F          | -SN 1501-1509<br>-SN 1548-1653<br>-SHSN 1415 LT, 1514 LT |             |                                |
| Min.<br>24 °F      |  | Vel.<br>1 m.p.h.     | Read.<br>29.48 in.     |  |             |                                |
| Set<br>25 °F       |  | Char.<br>Light       | Corr.<br>29.61 in.     | 0700   | 1300        | 1900                           |
| R.H.<br>65 %       |  | 24 hr. Mov.<br>— mi. | Sea L.<br>30.89 in.    | Clds. $\frac{10}{10}$ Cs                                 | Clds.       | Clds.<br>$\frac{4}{10}$ Ac, As |
| Ppn. Liq.<br>+ in. |  | Prev. Dir.<br>—      | 3 hr. Tend.<br>+0.2 mb | Wx<br>Sunny  | Wx          | Wx<br>P. Cloudy                |
| Ppn. Sol.<br>+ in. |  | Snow Depth<br>0 in.  | Observer<br>MK         | Vis.<br>25 mi.   | Vis.<br>mi. | Vis.<br>25 mi.                 |

$$\begin{aligned}\bar{T} &= 31 \\ HOD &= 34 \\ COD &= 0 \\ \Sigma HOD &= 89 \\ \Sigma COD &= 0 \\ \Sigma OCN &= 0.43 \\ \Sigma OCN_s &= T\end{aligned}$$

$$\begin{aligned}T_{Durs} &= 26/19 \\ T_{UVV} &= 25/16\end{aligned}$$

$$\begin{aligned}G_{avgd} &= T \\ \Sigma G_{avgd} &= 0.43''\end{aligned}$$



Sunday, 5 November, 2006

0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.     |             | Wind        | Barom.                         | General Obs. |                       |  |
|-----------|-------------|-------------|--------------------------------|--------------|-----------------------|--|
| Max.      | Dir.        | Temp        |                                |              |                       |  |
| 43 °F     | —           | 70 °F       |                                |              |                       |  |
| Min.      | Vel.        | Read.       |                                |              |                       |  |
| 24* °F    | 0 m.p.h.    | 29.29 in.   |                                |              |                       |  |
| Set       | Char.       | Corr.       | * Overnight low = 31°          |              |                       |  |
| 32 °F     | calm        | 29.18 in.   | 0700                           | 1300         | 1900                  |  |
| R.H.      | 24 hr. Mov. | Sea L.      | Clds.                          | Clds.        | Clds.                 |  |
| 70 %      | — mi.       | 30.61 in.   | $\frac{8}{10}$ As, Ac          |              | $\frac{4}{10}$ As, Ac |  |
| Ppn. Liq. | Prev. Dir.  | 3 hr. Tend. | Wx                             | Wx           | Wx                    |  |
| 0.00 in.  | —           | ✓ -0.1 mb   | Considerable<br>Mid-cloudiness |              | P. Cloudy             |  |
| Ppn. Sol. | Snow Depth  | Observer    | Vis.                           | Vis.         | Vis.                  |  |
| 0.0 in.   | 0 in.       | AGM         | 25 mi.                         | mi.          | 25 mi.                |  |

$\bar{T} = 34^\circ$   
HDD = 31  
 $\Sigma \text{HDD} = 120$

$\Sigma \text{PCN}_L = 0.43''$   
 $\Sigma \text{PCN}_S = T$

$T_{\text{DAVIS}} = 33^\circ/23.5^\circ$   
 $T_{\text{UNV}} = 32^\circ/23^\circ$   
 $T_{\text{KPSU}} = M/M$

$T_w = M$   
 $T_b = 23.5^\circ$

$\text{PCN}_{G2} = 0.00''$   
 $\Sigma \text{PCN}_{G2} = 0.43''$

Monday, 6 November, 2006

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.     |             | Wind        | Barom.                                     | General Obs.          |                       |  |
|-----------|-------------|-------------|--|-----------------------|-----------------------|--|
| Max.      | Dir.        | Temp        |  |                       |                       |  |
| 48 °F     | -           | 71 °F       |  |                       |                       |  |
| Min.      | Vel.        | Read.       |  |                       |                       |  |
| 32* °F    | 0 m.p.h.    | 29.22 in.   |  |                       |                       |  |
| Set       | Char.       | Corr.       | * overnight low = 32 = Set temp on 11/5/06 |                       |                       |  |
| 33 °F     | calm        | 29.10 in.   | 0700                                       | 1300                  | 1900                  |  |
| R.H.      | 24 hr. Mov. | Sea L.      | Clds.                                      | Clds.                 | Clds.                 |  |
| 70 %      | - mi.       | 30.52 in.   | $\frac{1}{10}$ As                          | $\frac{6}{10}$ ci, Cs | $\frac{9}{10}$ cs, As |  |
| Ppn. Liq. | Prev. Dir.  | 3 hr. Tend. | Wx   | Wx                    | Wx                    |  |
| 0.00" in. | -           | ✓ +0.0 mb   | Mainly clear                               | Sun becoming dimmed   | M. Cloudy             |  |
| Ppn. Sol. | Snow Depth  | Observer    | Vis.                                       | Vis.                  | Vis.                  |  |
| 0.0" in.  | 0 in.       | AGM         | 25 mi.                                     | 25 mi.                | 25 mi.                |  |

$$\bar{T} = 40^\circ$$

$$HDD = 25$$

$$\Sigma HDD = 145$$

$$\Sigma PCN_L = 0.43''$$

$$\Sigma PCN_S = T$$

$$T_{DAVIS} = 34^\circ/25^\circ$$

$$T_{MNV} = 34^\circ/25^\circ$$

$$T_{KPSU} = M/M$$

$$T_w = M$$

$$T_b = 25^\circ$$

$$PCN_{G2} = 0.00''$$

$$\Sigma PCN_{G2} = 0.43''$$

Tuesday, 7 November, 2006 0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.     |             | Wind        | Barom.                | General Obs.    |                 |  |
|-----------|-------------|-------------|-----------------------|-----------------|-----------------|--|
| Max.      | Dir.        | Temp        |                       |                 |                 |  |
| 58 °F     | S           | 73.5 °F     |                       |                 |                 |  |
| Min.      | Vel.        | Read.       |                       |                 |                 |  |
| 33 °F     | 1 m.p.h.    | 29.04 in.   |                       |                 |                 |  |
| Set       | Char.       | Corr.       | Overnight low = 43°   |                 |                 |  |
| 43 °F     | nearly calm | 28.92 in.   | 0700                  | 1300            | 1900            |  |
| R.H.      | 24 hr. Mov. | Sea L.      | Clds.                 | Clds. <i>Us</i> | Clds. <i>Us</i> |  |
| 72 %      | — mi.       | 30.30 in.   | $\frac{9}{10}$ As, St | $\frac{10}{10}$ | $\frac{10}{10}$ |  |
| Ppn. Liq. | Prev. Dir.  | 3 hr. Tend. | Wx                    | Wx              | Wx              |  |
| 0.00 in.  | —           | -0.6 mb     | Rather overcast       | Cloudy          |                 |  |
| Ppn. Sol. | Snow Depth  | Observer    | Vis.                  | Vis.            | Vis.            |  |
| 0.0 in.   | 0 in.       | AGM         | 25 mi.                | 25 mi.          | ~25 mi.         |  |

$$\bar{T} = 46^\circ$$

$$HDD = 19$$

$$\Sigma HDD = 164$$

$$T_{DAVIS} = 43^\circ / 34.5^\circ$$

$$T_{UNV} = 39^\circ / 28^\circ$$

$$T_{KPSU} = N/M$$

$$T_{VR} = 39^\circ$$

$$T_{DP} = 35^\circ$$

$$\Sigma PCN_L = 0.43''$$

$$\Sigma PCN_S = T$$

$$PCN_{G2} = 0.00''$$

$$\Sigma PCN_{G2} = 0.43''$$

Wednesday, November 8, 2006

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 |                      | Wind                   | Barom.  | General Obs.      |                |        |
|-----------------------|----------------------|------------------------|---|-------------------|----------------|--------|
| Max.<br>50 °F         | Dir.<br>NNE          | Temp<br>75 °F          | -RA 1217-1250 LT, 1342-1530 LT<br>OCCL - RA 1814-1847 LT  |                   |                |        |
| Min.<br>43* °F        | Vel.<br>1 m.p.h.     | Read.<br>28.54 in.     | -RA 1914-2009 LT, 2102-2146 LT,<br>0042-0056<br>OCCL - RA 0310-0516; -RA 0533-0635<br>*Ovndt Low = 47°F |                   |                |        |
| Set<br>47 °F          | Char. Very<br>Light  | Corr.<br>28.41 in.     | 0700  | 1300              | 1900           |        |
| R.H.<br>100 %         | 24 hr. Mov.<br>— mi. | Sea L.<br>29.76 in.    | Clds. NS<br>10/10   | Clds. ST<br>10/10 | Clds.<br>10/10 | St, As |
| Ppn. Liq.<br>C 07 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>-1.6 mb | Wx Light rain<br>w/ fog   | Wx - Dr w/<br>Fog | Wx<br>Overcast |        |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>MLS        | Vis.<br>0.20 mi.  | Vis.<br>0.25 mi.  | Vis.<br>12 mi. |        |

$$T = 47$$

$$HDD = 18$$

$$CDO = 0$$

$$\Sigma HDD = 182$$

$$\Sigma CDO = 0$$

$$\Sigma PCW_s = 0.50''$$

$$\Sigma PCW_s = T$$

$$T_{DAVES} = 117/47$$

$$T_{LAV} = 48/46$$

$$T_8 = 17$$

$$T_w = 17$$

$$Gauge_2 = 0.07''$$

$$\Sigma Gauge_2 = 0.50''$$



Thursday, 9 November, 2006 0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.     |          |             | Wind     |             |           | Barom.  |               |      | General Obs. |       |        |
|-----------|----------|-------------|----------|-------------|-----------|---|---------------|------|--------------|-------|--------|
| Max.      | 56 °F    | Dir.        | W        | Temp        | 73.5 °F   | OBS-1300LT: -RA/-DZ/OCNRA<br>1600-1630LT: -RA<br><br>*overnight low = 53° |               |      |              |       |        |
| Min.      | 46° °F   | Vel.        | 7 m.p.h. | Read.       | 28.54 in. |   |               |      |              |       |        |
| Set       | 53 °F    | Char.       | steady   | Corr.       | 28.42 in. |   |               |      |              |       |        |
| R.H.      | 90 %     | 24 hr. Mov. | — mi.    | Sea L.      | 29.75 in. | 0700  | 1300          | 1900 | Clds.        | Clds. | Clds.  |
| Ppn. Liq. | 0.17 in. | Prev. Dir.  | —        | 3 hr. Tend. | ✓ +1.6 mb | 8/10 Cu, Sc   | 9/10          |      | 1/10         |       |        |
| Ppn. Sol. | 0.0 in.  | Snow Depth  | 0 in.    | Observer    | AGM       | Wx  | Mostly cloudy | Wx   | Clear        | Wx    | Sunny  |
|           |          |             |          |             |           | Vis.  | 25 mi.        | Vis. | 25 mi.       | Vis.  | 25 mi. |

$\bar{T} = 51^\circ$   
HDD = 14  
 $\Sigma \text{HDD} = 196$   
 $\Sigma \text{PCN}_L = 0.67''$   
 $\Sigma \text{PCN}_S = T$

$T_{\text{DAVIS}} = 53^\circ/50^\circ$   
 $T_{\text{UNV}} = 52^\circ/46^\circ$   
 $T_{\text{KPSH}} = 52^\circ/50^\circ$

$T_w = 51^\circ$   
 $T_D = 50^\circ$

$\text{PCN}_{62} = 0.17''$   
 $\Sigma \text{PCN}_{62} = 0.67''$

Friday, November 10, 2006

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 |                      | Wind                    | Barom.                          | General Obs.       |                  |  |
|-----------------------|----------------------|-------------------------|---------------------------------|--------------------|------------------|--|
| Max.<br>63 °F         | Dir.<br>W            | Temp<br>78 °F           |                                 |                    |                  |  |
| Min.<br>51 °F         | Vel.<br>6 m.p.h.     | Read.<br>28.78 in.      |                                 |                    |                  |  |
| Set<br>52 °F          | Char.<br>Variable    | Corr.<br>28.65 in.      |                                 |                    |                  |  |
|                       |                      |                         | 0700                            | 1300               | 1900             |  |
| R.H.<br>86 %          | 24 hr. Mov.<br>— mi. | Sea L.<br>30.00 in.     | Clds. St<br>4/10 Sc<br>Ca       | Clds. Ci<br>3/10   | Clds.<br>2/10 Ci |  |
| Ppn. Liq.<br>0.00 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>/+1.2 mb | Wx Partly<br>cloudy w/ some fog | Wx Mostly<br>Sunny | Wx<br>Sunny      |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>MLS         | Vis.<br>~15 mi.                 | Vis.<br>~25 mi.    | Vis.<br>25 mi.   |  |

$$\bar{T} = 57$$

$$HDD = 8$$

$$CDD = 0$$

$$\Sigma HDD = 204$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_1 = 0.67''$$

$$\Sigma PCW_2 = T$$

$$T_{DAVID} = 53/48$$

$$T_{WV} = 50/45$$

$$T_d = M$$

$$T_w = M$$

$$PCW_{62} = 0.00$$

$$\Sigma PCW_{62} = 0.67''$$

Saturday, 11 November, 2006 0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.                 |                      | Wind                   | Barom.              | General Obs. |                                       |  |
|-----------------------|----------------------|------------------------|---------------------|--------------|---------------------------------------|--|
| Max.<br>65 °F         | Dir.<br>SE           | Temp<br>76 °F          |                     |              |                                       |  |
| Min.<br>44 °F         | Vel.<br>2 m.p.h.     | Read.<br>28.93 in.     |                     |              |                                       |  |
| Set<br>44 °F          | Char.<br>light       | Corr.<br>29.07 in.     | 0700                | 1300         | 1900                                  |  |
| R.H.<br>73 %          | 24 hr. Mov.<br>— mi. | Sea L.<br>30.20 in.    | Clds.<br>5<br>10 sc | Clds.        | Clds.<br>10/10 NS                     |  |
| Ppn. Liq.<br>0.00 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>±0.0 mb | Wx<br>Partly cloudy | Wx           | Wx + FC<br>+ RA<br><del>DRIZZLE</del> |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>NK         | Vis.<br>~17 mi.     | Vis.         | Vis.<br>0.25 mi.                      |  |

$\bar{T} = 55$   
 $HOD = 10$   
 $CDD = 0$   
 $\Sigma HOD = 214$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_L = 0.67$   
 $\Sigma PCN_S = T$

$T_{Davis} = 47741$   
 $T_{UNV} = 41136$

$T_w = -$   
 $T_d = -$

$PCN_{Gauged} = 0.00$   
 $\Sigma G_{auged} = 0.67$

Sunday November 17, 2016  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.                 |                      | Wind                   | Barom.                                   | General Obs.   |                       |  |
|-----------------------|----------------------|------------------------|--|--|-----------------------|--|
| Max.<br>102°F         | Dir.<br>N            | Temp<br>76°F           | Read.<br>28.96 in.<br>Corr.<br>28.92 in. | <del>SHRA</del> SHRA 1300-1320 LT<br><del>SHRA</del> SHRA 1440-1800 LT<br>SHRA 1840-2300 LT<br>SHRA 2340-0100 LT |                       |  |
| Min.<br>41°F          | Vel.<br>5 m.p.h.     |                        |  |  |                       |  |
| Set<br>41°F           | Char.<br>Prelay      |                        |  |  |                       |  |
| R.H.<br>89%           | 24 hr. Mov.<br>— mi. | Sea L.<br>30.11 in.    | 0700                                     | 1300   | 1900                  |  |
| Ppn. Liq.<br>0.62 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>41.5 mb | Clds.<br>10/10 SC                        | Clds.  | Clds.<br>10/10 Ms, St |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>COP        | Wx<br>FL<br>OVERCAST                     | Wx   | Wx<br>-02]            |  |
|                       |                      |                        | Vis.<br>25 mi.                           | Vis.<br>mi.  | Vis.<br>~12 mi.       |  |

$\bar{T} = 52$   
 $HDD = 13$   
 $CDD = 0$   
 $\Sigma HDD = 227$   
 $\Sigma CDD = 0$   
 $\Sigma PCN = 1.29''$   
 $\Sigma PCNS = T$

$T_{DAYS} = 41/40$   
 $T_{UNV} = 41/39$

$T_W = 40$   
 $T_D = 38$

$G_2: 0.62''$   
 $\Sigma G_2: 1.29''$



Monday, 13 November, 2006 0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 | Wind                 | Barom.                 | General Obs.  |  |                                    |
|-----------------------|----------------------|------------------------|---|--|------------------------------------|
| Max.<br>41 °F         | Dir.<br>N            | Temp<br>74 °F          | 0740-0915LT: -RA/-DZ/RA<br>1445-1650LT: OCNL DZ/-RA/RA<br>2325-2355LT: OCNL -DZ/-RA<br>0400-0430LT: RA/-RA/-DZ<br>Sporadic -DZ also fell in between the times noted above |  |                                    |
| Min.<br>38 °F         | Vel.<br>2 m.p.h.     | Read.<br>28.92 in.     |   |  |                                    |
| Set<br>39 °F          | Char.<br>light       | Corr.<br>28.80 in.     | 0700  | 1300   | 1900                               |
| R.H.<br>94 %          | 24 hr. Mov.<br>— mi. | Sea L.<br>30.19 in.    | Clds.<br>10<br>10 No, St  | Clds.<br>10<br>10 St, Ns                       | Clds.<br>10<br>10 Ns, St           |
| Ppn. Liq.<br>0.07 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>-0.3 mb | Wx<br>Cloudy, foggy,<br>misty   | Wx Cloudy,<br>misty, mist<br>observed to begin | Wx Fog<br>thickening,<br>mist - DZ |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>AGM        | Vis.<br>~1 mi.  | Vis.<br>~1 mi.                                 | Vis.<br>3/4 mi.                    |

$\bar{T} = 40^\circ$   
HDD = 25  
 $\Sigma \text{HDD} = 252$

$T_{\text{DAVIS}} = 40^\circ/38^\circ$   
 $T_{\text{UNV}} = 39^\circ/37^\circ$   
 $T_{\text{KPSH}} = 39^\circ/39^\circ$

$T_w = 39^\circ$   
 $T_D = 38.5^\circ$

$\Sigma \text{PCN}_L = 1.36''$   
 $\Sigma \text{PCN}_S = T$

$\text{PCN}_{62} = 0.07''$   
 $\Sigma \text{PCN}_{62} = 1.36''$

Tuesday, 14 November, 2006 0700 EST

Meteorological Observatory  
University Park, PA

| Temp.     |          | Wind        |          | Barom.      |           | General Obs.   |  |  |
|-----------|----------|-------------|----------|-------------|-----------|--|--|--|
| Max.      | 46 °F    | Dir.        | WSW      | Temp        | 74 °F     | DZ/-RA: 1115-1200, 1700-1730LT,<br>otherwise OCNL -DZ amid mist: OBS-<br>0200LT. |  |  |
| Min.      | 39 °F    | Vel.        | 5 m.p.h. | Read.       | 28.67 in. |  |  |  |
| Set       | 44 °F    | Char.       | steady   | Corr.       | 28.54 in. |  |  |  |
| R.H.      | 96 %     | 24 hr. Mov. | - mi.    | Sea L.      | 29.89 in. | *Overnight low = 44°   |  |  |
| Ppn. Liq. | 0.03 in. | Prev. Dir.  | -        | 3 hr. Tend. | -0.7 mb   | 0700   | 1300                                   | 1900                                   |
| Ppn. Sol. | 0.0 in.  | Snow Depth  | 0 in.    | Observer    | AGM       | Clds.  | Clds. S <sub>o</sub><br>S <sub>c</sub> | Clds. S <sub>t</sub><br>A <sub>s</sub> |
|           |          |             |          |             |           | 10<br>10 St, Sc  | 10<br>10 S <sub>c</sub>                | 10<br>10                               |
|           |          |             |          |             |           | Wx   | Wx                                     | Wx                                     |
|           |          |             |          |             |           | Overcast<br>but some visible   | Cloudy                                 | Cloudy                                 |
|           |          |             |          |             |           | Vis.   | Vis.                                   | Vis.                                   |
|           |          |             |          |             |           | 25 mi.   | 25 mi.                                 | 25 mi.                                 |

$\bar{T} = 43^\circ$   
HDD = 22  
 $\Sigma \text{HDD} = 274$

$T_{\text{DAVIS}} = 44.5^\circ/43^\circ$   
 $T_{\text{UNV}} = 45^\circ/41^\circ$   
 $T_{\text{KPSH}} = 45^\circ/45^\circ$

$T_w = 44^\circ$   
 $T_o = 43^\circ$

$\Sigma \text{PCN}_1 = 1.39''$   
 $\Sigma \text{PCN}_2 = T$

$\text{PCN}_{62} = 0.03''$   
 $\Sigma \text{PCN}_{62} = 1.39''$

Wednesday, November 15, 2006 0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                |                      | Wind                   | Barom.                                       | General Obs.                                 |  |                |
|----------------------|----------------------|------------------------|--|--|--|----------------|
| Max.<br>49 °F        | Dir.<br>WSW          | Temp<br>75 °F          | -DZ 14.30-1437 LT<br>OOCL -DZ 0930-1700      |  |  |                |
| Min.<br>44* °F       | Vel.<br>1 m.p.h.     | Read.<br>28.73 in.     |  |  |  |                |
| Set<br>45 °F         | Char.<br>Calm        | Corr.<br>28.60 in.     | *OVRNIGHT LOW = 45°F                         |  |  |                |
| R.H.<br>91 %         | 24 hr. Mov.<br>— mi. | Sea L.<br>29.96 in.    | Clds. <sup>st</sup> / <sub>sc</sub><br>10/10 | Clds. <sup>sc</sup> / <sub>st</sub><br>10/10 | Clds. <sup>ns</sup> / <sub>st</sub><br>10/10 | 1900<br>Ns, st |
| Ppn. Liq.<br>T in.   | Prev. Dir.<br>—      | 3 hr. Tend.<br>+1.0 mb | Wx w/<br>Cloudy fog                          | Wx<br>Cloudy                                 | Wx<br>-RA                                    |                |
| Ppn. Sol.<br>0.0 in. | Snow Depth<br>0 in.  | Observer<br>MLS        | Vis.<br>~4 mi.                               | Vis.<br>~20 mi.                              | Vis.<br>~20 mi.                              |                |

$$T = 47$$

$$HDD = 18$$

$$CDD = 0$$

$$\Sigma HOC = 29.2$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_1 = 1.39''$$

$$\Sigma PCW_2 = T$$

$$T_{DAVES} = 46/44$$

$$T_{WV} = 45/43$$

$$T_2 = 70$$

$$T_1 = 10$$

$$PCW_{62} = T$$

$$SEW_{62} = 1.39''$$

Thursday, 16 November, 2006 0700 EST

| Temp.                 |                      | Wind                   | Barom.                   | General Obs.   |                         |      |
|-----------------------|----------------------|------------------------|--------------------------|--|-------------------------|------|
| Max.<br>60 °F         | Dir.<br>ESE          | Temp<br>79.5 °F        |                          | 085-0810LT: OCNL -DZ<br>1440-1620LT: -DZ/OCNL-RA<br>1750-2110LT: DZ/-RA/RA<br>2150-2250LT: -DZ/OCNL-RA<br>2250-0550LT: Stray -DZ or -RA maybe<br>0550-OBS: OCNL-RA (Temp rising after) |                         |      |
| Min.<br>45 °F         | Vel.<br>12620 m.p.h. | Read.<br>28.50 in.     |                          | Overnight low = 51°, early last evening night  |                         |      |
| Set<br>60 °F          | Char.<br>breezy      | Corr.<br>28.37 in.     |                          | 0700   | 1300                    | 1900 |
| R.H.<br>93 %          | 24 hr. Mov.<br>— mi. | Sea L.<br>29.68 in.    | Clds.<br>10<br>10 Ns, Sc | Clds.<br>10<br>10 Ns   | Clds. Ns<br>10<br>10 Sc |      |
| Ppn. Liq.<br>0.07 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>-2.4 mb | Wx<br>-RA, breezy        | Wx<br>fRA<br>fFO   | Wx<br>Cloudy            |      |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>AGM        | Vis.<br>~12 mi.          | Vis.<br>0 mi.  | Vis.<br>M7 mi.          |      |

$T = 53^\circ$   
HDD = 12  
 $\Sigma \text{HDD} = 304$

$T_{\text{DAVIS}} = 61.5^\circ / 58.0^\circ$   
 $T_{\text{UNY}} = 61^\circ / 54^\circ$   
 $T_{\text{KPSU}} = 61^\circ / 50^\circ$

$T_w = 59.5^\circ$   
 $T_D = 58^\circ$

$\Sigma \text{PCN}_L = 1.46''$   
 $\Sigma \text{PCN}_S = T$

$\text{PCN}_{G2} = 0.07''$

$\Sigma \text{PCN}_{G2} = 1.46''$



Friday, November 17, 2006

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 |                      | Wind                    | Barom.               | General Obs.   |                      |                      |
|-----------------------|----------------------|-------------------------|----------------------|--|----------------------|----------------------|
| Max.<br>63 °F         | Dir.<br>SW           | Temp<br>78 °F           |                      | -RA/RA 005-1153 LT -SHRA 0800-0610 LT<br>RA/+RA 1154-1349 LT   |                      |                      |
| Min.<br>47 °F         | Vel.<br>9 m.p.h.     | Read.<br>28.53 in.      |                      | -RA/RA 1350-1450 LT *AFC<br>-RA/RA 2131-2159 LT Pkscip.<br>-RA 0101-0229 LT (2-0 =<br>Occl-RA 0230-0314 LT 1.11, 1920) |                      |                      |
| Set<br>47 °F          | Char.<br>Gusty       | Corr.<br>28.40 in.      |                      | 0700   | 1300                 | 1900                 |
| R.H.<br>83 %          | 24 hr. Mov.<br>— mi. | Sea L.<br>29.75 in.     | Clds. Sc<br>10/10 St | Clds. Sc<br>10/10 St   | Clds. Sc<br>10/10 St | Clds. Sc<br>10/10 St |
| Ppn. Liq.<br>1.28 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>V-0.1 mb | Wx<br>Overcast       | Wx<br>Cloudy   | Wx<br>Cloudy         | Wx<br>Cloudy         |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>MLS         | Vis.<br>~25 mi.      | Vis.<br>25 mi.   | Vis.<br>25 mi.       | Vis.<br>25 mi.       |

$F = 5.5$   
 $HDD = 10$   
 $CDP = 0$   
 $\Sigma HDD = 314$   
 $\Sigma CDP = 0$   
 $\Sigma PCW_L = 2.74$   
 $\Sigma PCW_S = T$

$T_{DAVIS} = 47/41$   
 $T_{UV} = 46/39$

$T_d = M$   
 $T_w = M$

$Gauge_1 = 1.35''$   
 $\Sigma Gauge_2 = 2.81''$

Saturday November 18, 2006

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                |  | Wind                 | Barom.               | General Obs.                   |             |                   |
|----------------------|--|----------------------|----------------------|--------------------------------|-------------|-------------------|
| Max.<br>50 °F        |  | Dir.<br>NW           | Temp<br>75 °F        | -RA 1044-1121<br>-RA 1224-1254 |             |                   |
| Min.<br>38 °F        |  | Vel.<br>6 m.p.h.     | Read.<br>29.06 in.   |                                |             |                   |
| Set<br>39 °F         |  | Char.<br>breezy      | Corr.<br>28.93 in.   |                                |             |                   |
|                      |  |                      |                      | 0700                           | 1300        | 1900              |
| R.H.<br>72 %         |  | 24 hr. Mov.<br>— mi. | Sea L.<br>30.37 in.  | Clds. SE<br>10                 | Clds.       | Clds. AS<br>10 AC |
| Ppn. Liq.<br>T in.   |  | Prev. Dir.<br>—      | 3 hr. Tend.<br>±0 mb | Wx<br>Cloudy                   | Wx          | Wx<br>BKN W/ST    |
| Ppn. Sol.<br>0.0 in. |  | Snow Depth<br>0 in.  | Observer<br>AK       | Vis.<br>25 mi.                 | Vis.<br>mi. | Vis.<br>25 mi.    |

$$\bar{T} = 44$$

$$HDD = 21$$

$$CDD = 0$$

$$\Sigma HDD = 325$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_L = 2.74''$$

$$\Sigma PCW_S = T$$

$$T_{Davis} = 38/32$$

$$T_{UNV} = 37/28$$

$$Gauge 2 = T$$

$$\Sigma Gauge 2 = 2.81''$$

Sunday November 19, 2010

Meteorological Observatory  
University Park, PA

0700 EST

| Temp.                 |                           | Wind                   | Barom.            | General Obs.   |                       |      |
|-----------------------|---------------------------|------------------------|-------------------|--|-----------------------|------|
| Max.<br>42 °F         | Dir.<br>NW                | Temp<br>74 °F          |                   | SHRA<br>-SHDZ<br>-SHDZ<br>0900-0940 LT<br>1200-1220 LT<br>1440-1500 LT |                       |      |
| Min.<br>37 °F         | Vel.<br>2 m.p.h.          | Read.<br>29.80 in.     |                   |  |                       |      |
| Set<br>38 °F          | Char.<br>light & variable | Corr.<br>29.73 in.     |                   | 0700   | 1300                  | 1900 |
| R.H.<br>95 %          | 24 hr. Mov.<br>— mi.      | Sea L.<br>30.02 in.    | Clds.<br>10/10 AC | Clds.  | Clds.<br>10/10 St, Ns |      |
| Ppn. Liq.<br>T in.    | Prev. Dir.<br>✓           | 3 hr. Tend.<br>40.5 mb | Wx FG<br>OVERCAST | Wx   | Wx<br>Cloudy          |      |
| Ppn. Sol.<br>0.00 in. | Snow Depth<br>0 in.       | Observer<br>GTP        | Vis.<br>25 mi.    | Vis.   | Vis.<br>mi. ~25 mi.   |      |

$$\bar{T} = 40$$

$$HDD = 25$$

$$CDD = 0$$

$$\Sigma HDD = 300$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_2 = 2.74''$$

$$\Sigma PCW_3 = T$$

$$T_{DAVIS} = 38/34$$

$$T_{UV} =$$

$$T_w = N/A$$

$$T_D = 34$$

\*from ~~DAVIS~~

G2: T  
 $\Sigma G2: 2.01''$

Monday, 20 November, 2006 0700 EST

| Temp.     |       | Wind                 | Barom.                   | General Obs.  |                                 |                                 |
|-----------|-------|----------------------|--------------------------|---|---------------------------------|---------------------------------|
| Max.      | 43 °F | Dir.<br>N            | Temp<br>74 °F            | Sprinkle ~ 1600LT,<br>Sprinkle mixed with snowflakes ~ 2100LT |                                 |                                 |
| Min.      | 34 °F | Vel.<br>4 m.p.h.     | Read.<br>28.91 in.       |   |                                 |                                 |
| Set       | 34 °F | Char.<br>steady      | Corr.<br>28.79 in.       |   |                                 |                                 |
| R.H.      | 71 %  | 24 hr. Mov.<br>— mi. | Sea L.<br>30.19 in.      | 0700  | 1300                            | 1900                            |
| Clds.     |       |                      |                          | Clds.<br>$\frac{10}{10}$ St                                   | Clds.<br>$\frac{10}{10}$ St, Ns | Clds.<br>$\frac{10}{10}$ St, Sc |
| Ppn. Liq. | T in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>/ +1.2 mb | Wx A dull<br>November morn'                                   | Wx cloudy,<br>-- SN SN]         | Wx<br>Overcast                  |
| Ppn. Sol. | T in. | Snow Depth<br>0 in.  | Observer<br>AGM          | Vis.<br>25 mi.  | Vis.<br>25 mi.                  | Vis.<br>25 mi.                  |

$\bar{T} = 39^\circ$   
HDD = 26

$\Sigma \text{HDD} = 386$

$\Sigma \text{PCN}_1 = 2.74''$   
 $\Sigma \text{PCN}_3 = T$

$T_{\text{DAVIS}} = 39.5/26.5^\circ$   
 $T_{\text{UNY}} = 34/23^\circ$   
 $T_{\text{KPSU}} = 34/M$

$T_w = M$   
 $T_b = 26.5^\circ$

$\text{PCN}_{G2} = T$

$\Sigma \text{PCN}_{G2} = 2.01''$



Tuesday, 21 November, 2006 0700 EST

Meteorological Observatory  
University Park, PA

| Temp.              |                      | Wind                   | Barom.                                 | General Obs.    |                |  |
|--------------------|----------------------|------------------------|--|-----------------|----------------|--|
| Max.<br>38 °F      | Dir.<br>N            | Temp<br>73 °F          | 0830-1245LT: A few sporadic snowflakes |                 |                |  |
| Min.<br>28 °F      | Vel.<br>4 m.p.h.     | Read.<br>29.26 in.     |  |                 |                |  |
| Set<br>28 °F       | Char.<br>Steady      | Corr.<br>29.14 in.     | 0700                                   | 1300            | 1900           |  |
| R.H.<br>72 %       | 24 hr. Mov.<br>— mi. | Sea L.<br>30.58 in.    | Clds.<br>0/10 —                        | Clds. C<br>1/10 | Clds.<br>0/10  |  |
| Ppn. Liq.<br>T in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>+1.6 mb | Wx<br>Clear, chilly                    | Wx<br>Sunny     | Wx<br>Clear    |  |
| Ppn. Sol.<br>T in. | Snow Depth<br>0 in.  | Observer<br>AGM        | Vis.<br>25 mi.                         | Vis.<br>25 mi.  | Vis.<br>25 mi. |  |

$\bar{T} = 33^\circ$   
HDD = 32  
 $\Sigma \text{HDD} = 418^\circ$

$T_{\text{DAVIS}} = 31^\circ/23.5^\circ$   
 $T_{\text{UNV}} = 28^\circ/19^\circ$   
 $T_{\text{KPSU}} = 23^\circ/21^\circ$

$T_w = M$   
 $T_o = 23.5^\circ$

$\Sigma \text{PCN}_1 = 2.74''$   
 $\Sigma \text{PCN}_2 = T$

$\text{PCN}_{02} = T$   
 $\Sigma \text{PCN}_{02} = 2.81''$

WEDNESDAY 22 NOVEMBER 2006  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 |                      | Wind                   | Barom.                | General Obs.         |                            |  |
|-----------------------|----------------------|------------------------|-----------------------|----------------------|----------------------------|--|
| Max.<br>42 °F         | Dir.<br>NE           | Temp<br>72 °F          |                       |                      |                            |  |
| Min.<br>27 °F         | Vel.<br>4 m.p.h.     | Read.<br>29.20 in.     |                       |                      |                            |  |
| Set<br>27 °F          | Char.<br>STEADY      | Corr.<br>29.07 in.     | *DAVIS                |                      |                            |  |
|                       |                      |                        | 0700                  | 1300                 | 1900                       |  |
| R.H.<br>83 %          | 24 hr. Mov.<br>- mi. | Sea L.<br>30.51 in.    | Clds.<br>2/10 Cs (E)  | Clds.<br>8/10 Cs, Cs | Clds.<br>9/10 Ci           |  |
| Ppn. Liq.<br>0.00 in. | Prev. Dir.<br>-      | 3 hr. Tend.<br>-0.9 mb | Wx<br>FB, FU, V, M, Y | Wx                   | Wx<br><del>one</del><br>PC |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>WJS        | Vis.<br>25 mi.        | Vis.<br>25 mi.       | Vis.<br>10 mi.             |  |

$$\begin{aligned}\bar{T} &= 35 \\ H_{10} &= 30 \\ \Sigma H_{10} &= 448 \\ \Sigma PCN_L &= 2.74'' \\ \Sigma PCN_S &= T\end{aligned}$$

$$\begin{aligned}\bar{T}_{TRANS} &= 29/25 \\ \bar{T}_{UNI} &= 25/21\end{aligned}$$

$$\begin{aligned}T_w &= M \\ \bar{T}_D &= 25\end{aligned}$$

$$\begin{aligned}PCN_{O_2} &= 0.00 \\ \Sigma PCN_{O_2} &= 2.81''\end{aligned}$$

THURSDAY 23 NOVEMBER 2006  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 |                      | Wind                   | Barom.                            | General Obs.                    |                                 |  |
|-----------------------|----------------------|------------------------|-----------------------------------|---------------------------------|---------------------------------|--|
| Max.<br>43 °F         | Dir.<br>NNE          | Temp<br>73 °F          | -RA 0545-0620 LT<br>* QUNT Low 34 |                                 |                                 |  |
| Min.<br>26 * °F       | Vel.<br>2 m.p.h.     | Read.<br>28.94 in.     |                                   |                                 |                                 |  |
| Set<br>35 °F          | Char.<br>LIGHT       | Corr.<br>28.81 in.     | 0700                              | 1300                            | 1900                            |  |
| R.H.<br>82 %          | 24 hr. Mov.<br>- mi. | Sea L.<br>30.21 in.    | Clds.<br>10/10 SE                 | Clds. <del>10/10</del><br>10/10 | Clds. <del>10/10</del><br>10/10 |  |
| Ppn. Liq.<br>0.05 in. | Prev. Dir.<br>-      | 3 hr. Tend.<br>-0.5 mb | Wx<br>PARAY<br>VALLEY, RIDGE      | Wx Fog,<br><del>Overcast</del>  | Wx Fog,<br>Overcast             |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>WJS        | Vis.<br>25 mi.                    | Vis.<br>mi.                     | Vis.<br>0.25 mi.                |  |

$$\bar{T} = 35$$

$$HDD = 30$$

$$\Sigma HDD = 478$$

$$\Sigma PCN_L = 2.79''$$

$$\Sigma PCN_S = T$$

$$T_{AMS} = 37/31$$

$$T_{JW} = 33/29$$

$$T_w = 33$$

$$T_D = 30$$

$$PCN_{0.2} = 0.05''$$

$$\Sigma PCN_{0.2} = 2.80''$$

Friday, November 24, 2006

0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.                 |  | Wind                 | Barom.                  | General Obs.  |             |                                  |
|-----------------------|--|----------------------|-------------------------|---|-------------|----------------------------------|
| Max.<br>43 °F         |  | Dir.<br>NNW          | Temp<br>73 °F           | -SHRA 1244-1319 LT<br>DZ 1554-1623LT<br>FZFG 0012-0020, 005-0111 LT |             |                                  |
| Min.<br>29 °F         |  | Vel.<br>0 m.p.h.     | Read.<br>29.06 in.      |   |             |                                  |
| Set<br>29 °F          |  | Char.<br>Calm        | Corr.<br>28.94 in.      | 0700  | 1300        | 1900                             |
| R.H.<br>96 %          |  | 24 hr. Mov.<br>— mi. | Sea L.<br>30.37 in.     | Clds. Ci<br>4/10  | Clds.       | Clds.<br>9/10                    |
| Ppn. Liq.<br>0.03 in. |  | Prev. Dir.<br>—      | 3 hr. Tend.<br>/+1.4 mb | Wx mostly<br>Clear, Patches<br>fog over Lemart                      | Wx          | Wx mostly<br>Clear &<br>Blanket! |
| Ppn. Sol.<br>0.0 in.  |  | Snow Depth<br>0 in.  | Observer<br>MLS         | Vis.<br>25 mi.  | Vis.<br>mi. | Vis.<br>25 mi.                   |

$\bar{T} = 36$   
 $HDD = 29$   
 $COO = 0$   
 $\Sigma HDD = 507$   
 $\Sigma COO = 0$   
 $\Sigma PCW_i = 2.82''$   
 $\Sigma PCW_s = T$

$T_{max} = 37/31$   
 $T_{min} = 28/28$

$T_w = m$   
 $T_w = m$

$PCW_{62} = 0.02$   
 $\Sigma PCW_{62} = 2.88''$



Saturday November 25, 2016  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.                 |                      | Wind                   | Barom.               | General Obs. |                |  |
|-----------------------|----------------------|------------------------|----------------------|--------------|----------------|--|
| Max.<br>53 °F         | Dir.<br>—            | Temp<br>72 °F          |                      |              |                |  |
| Min.<br>29* °F        | Vel.<br>0 m.p.h.     | Read.<br>29.20 in.     |                      |              |                |  |
| Set<br>30 °F          | Char.<br>Calm        | Corr.<br>29.07 in.     | *overnight low = 29° |              |                |  |
|                       |                      |                        | 0700                 | 1300         | 1900           |  |
| R.H.<br>93 %          | 24 hr. Mov.<br>— mi. | Sea L.<br>30.37 in.    | Clds.<br>0/10        | Clds.        | Clds.<br>0/10  |  |
| Ppn. Liq.<br>0.00 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>+0.8 mb | Wx<br>Clear          | Wx           | Wx<br>Clear    |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.  | Observer<br>CJP        | Vis.<br>25 mi.       | Vis.<br>mi.  | Vis.<br>25 mi. |  |

$$T = 41$$

$$HOD = 24$$

$$CDD = 0$$

$$\Sigma HOD = 531$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 292'$$

$$\Sigma PCN_5 = T$$

$$T_{DAVIS} = 32/28$$

$$T_{UNV} = 28/27$$

$$T_w = N/A$$

$$T_D = 28'$$

\* from DAVIS

$$G_2: 0.00'$$

$$\Sigma G_2: 2.00'$$

NOVEMBER 26, 2004 SUNDAY  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.                 |                         | Wind                   | Barom.                 | General Obs. |                                 |  |
|-----------------------|-------------------------|------------------------|------------------------|--------------|---------------------------------|--|
| Max.<br>54 °F         | Dir.<br>SW              | Temp<br>73 °F          |                        |              |                                 |  |
| Min.<br>29+ °F        | Vel.<br>3 m.p.h.        | Read.<br>29.23 in.     |                        |              |                                 |  |
| Set<br>33 °F          | Char.<br>light variable | Corr.<br>29.10 in.     | * overnight low = 33°F |              |                                 |  |
|                       |                         |                        | 0700                   | 1300         | 1900                            |  |
| R.H.<br>85 %          | 24 hr. Mov.<br>— mi.    | Sea L.<br>30.40 in.    | Clds.<br>4/10 CC       | Clds.        | Clds.<br>6/10 C, Cs             |  |
| Ppn. Liq.<br>0.00 in. | Prev. Dir.              | 3 hr. Tend.<br>+0.2 mb | Wx<br>M. clear<br>-FG  | Wx           | Wx<br>Consistent<br>high clouds |  |
| Ppn. Sol.<br>0.0 in.  | Snow Depth<br>0 in.     | Observer<br>COP        | Vis.<br>25 mi.         | Vis.<br>mi.  | Vis.<br>25 mi.                  |  |

$$T = 42$$

$$HDD = 23$$

$$CDD = 0$$

$$\Sigma HDD = 554$$

$$\Sigma CDD = 0$$

$$\Sigma PCM = 2.02''$$

$$\Sigma PCNS = T$$

$$T_{DAVES} = 34/30$$

$$T_{LNV} = 34/27$$

$$T_W = N/A$$

$$T_D = 30^*$$

\* from DAVIS

$$GZ = 0.00''$$

$$\Sigma GZ = 2.80''$$

Monday, 27 November, 2006

0700 EST

| Temp.     |          | Wind                 | Barom.                   | General Obs.                 |                        |                          |
|-----------|----------|----------------------|--------------------------|------------------------------|------------------------|--------------------------|
| Max.      | 59 °F    | Dir.<br>SSW          | Temp<br>76 °F            |                              |                        |                          |
| Min.      | 33 °F    | Vel.<br>1 m.p.h.     | Read.<br>29.14 in.       |                              |                        |                          |
| Set       | 40 °F    | Char.<br>light       | Corr.<br>29.01 in.       | Overnight low = 40°          |                        |                          |
|           |          |                      |                          | 0700                         | 1300                   | 1900                     |
| R.H.      | 87 %     | 24 hr. Mov.<br>— mi. | Sea L.<br>30.41 in.      | Clds.<br>1/10 Cs, Ac         | Clds.<br>8/10 Ci       | Clds.<br>8/10 Ci, Cs     |
| Ppn. Liq. | 0.00 in. | Prev. Dir.<br>—      | 3 hr. Tend.<br>^ +0.5 mb | Wx A pink<br>sunlight & dawn | Wx<br>Bright<br>= Kies | Wx<br>High<br>cloudiness |
| Ppn. Sol. | 0.0 in.  | Snow Depth<br>0 in.  | Observer<br>AGM          | Vis.<br>25 mi.               | Vis.<br>25 mi.         | Vis.<br>25 mi.           |



$$\bar{T} = 46^\circ$$

$$HDD = 19$$

$$\Sigma HDD = 573$$

$$\Sigma PCN_i = 2.82''$$

$$\Sigma PCN_s = T$$

$$T_{DAVIS} = 41^\circ/37.5^\circ$$

$$T_{UNV} = 41^\circ/36^\circ$$

$$T_{KPSU} = 36^\circ/34^\circ$$

$$T_v = 39^\circ$$

$$T_b = 37.5^\circ$$

$$PCN_{sub} = 0.00''$$

$$\Sigma PCN_{sub} = 2.82''$$

Tuesday, 28 November, 2006

0700 EST

| Temp.     |          | Wind              | Barom.              | General Obs.             |                  |                     |
|-----------|----------|-------------------|---------------------|--------------------------|------------------|---------------------|
| Max.      | 63 °F    | Dir. —            | Temp 76 °F          |                          |                  |                     |
| Min.      | 40 °F    | Vel. 0 m.p.h.     | Read. 29.14 in.     |                          |                  |                     |
| Set       | 41 °F    | Char. calm        | Corr. 29.01 in.     | Overnight low = 41°      |                  |                     |
| R.H.      | 94 %     | 24 hr. Mov. — mi. | Sea L. 30.41 in.    | 0700                     | 1300             | 1900                |
| Ppn. Liq. | 0.00 in. | Prev. Dir. —      | 3 hr. Tend. +0.4 mb | Clds. 9/10 Ci, Cs        | Clds. 5/10 St Ci | Clds. Ac 7/10 AS Cs |
| Ppn. Sol. | 0.0 in.  | Snow Depth 0 in.  | Observer AGM        | Wx Thin high cloud layer | Wx Cloudy        | Wx Mostly Cloudy    |
|           |          |                   |                     | Vis. 25 mi.              | Vis. 25 mi.      | Vis. 25 mi.         |

$T = 52^\circ$   
HDD = 13  
 $\Sigma \text{HDD} = 586$

$T_{\text{DAVIS}} = 41.5^\circ / 40^\circ$   
 $T_{\text{UNV}} = 39^\circ / 37^\circ$   
 $T_{\text{KPSH}} = 37^\circ / 36^\circ$

$T_w = 40.5^\circ$   
 $T_b = 40^\circ$

$\Sigma \text{PCN}_1 = 2.82''$   
 $\Sigma \text{PCN}_5 = T$

$\text{PCN}_{62} = 0.00''$   
 $\Sigma \text{PCN}_{62} = 2.88''$



Wednesday, November 20, 2006 0700 EST

Meteorological Observatory  
Univeristy Park, PA

| Temp.                |                      | Wind                   | Barom.                 | General Obs.         |                       |  |
|----------------------|----------------------|------------------------|------------------------|----------------------|-----------------------|--|
| Max.<br>56 °F        | Dir.<br>SE           | Temp<br>77 °F          | - SHRA 0612 - 0650     |                      |                       |  |
| Min.<br>41* °F       | Vel.<br>3 m.p.h.     | Read.<br>29.10 in.     | * Overnight low = 49°F |                      |                       |  |
| Set<br>49 °F         | Char.<br>Variable    | Corr.<br>28.97 in.     | 0700                   | 1300                 | 1900                  |  |
| R.H.<br>84 %         | 24 hr. Mov.<br>— mi. | Sea L.<br>30.34 in.    | Clds. St<br>10/10 As   | Clds. St<br>10/10 As | Clds. St, As<br>10/10 |  |
| Ppn. Liq.<br>T in.   | Prev. Dir.<br>—      | 3 hr. Tend.<br>+0.5 mb | Wx<br>Overcast         | Wx<br>Overcast       | Wx<br>cloudy          |  |
| Ppn. Sol.<br>0.0 in. | Snow Depth<br>0 in.  | Observer<br>MLG        | Vis.<br>~2 mi.         | Vis.<br>~5 mi.       | Vis.<br>~6 mi.        |  |

$$\begin{aligned}T &= 49' \\ HD &= 16 \\ CD &= 0 \\ \Sigma HD &= 602 \\ \Sigma CD &= 0 \\ \Sigma PCN_L &= 2.82' \\ \Sigma PCN_S &= T\end{aligned}$$

$$\begin{aligned}T &= 50/45 \\ T_{AV} &= 48/41\end{aligned}$$

$$\begin{aligned}T_a &= m \\ T_w &= m\end{aligned}$$

$$\begin{aligned}PCN_{62} &= T \\ \Sigma PCN_{62} &= 2.88''\end{aligned}$$

Thursday, 30 November, 2006 0700 EST

| Temp.     |             | Wind        | Barom.                        | General Obs. |                |  |
|-----------|-------------|-------------|-------------------------------|--------------|----------------|--|
| Max.      | Dir.        | Temp        | 1545-1700LT: OCNL -SH RAs/-DZ |              |                |  |
| 57 °F     | SW          | 77 °F       | 1700-2130LT: OCNL -DZ/-BR     |              |                |  |
| Min.      | Vel.        | Read.       | 2130-2355LT: -SH RAs          |              |                |  |
| 49* °F    | 4 m.p.h.    | 29.00 in.   | 2355LT-OBS: OCNL -DZ/-BR      |              |                |  |
| Set       | Char.       | Corr.       | *Overnight low = 52°          |              |                |  |
| 53 °F     | steady      | 28.87 in.   | 0700                          | 1300         | 1900           |  |
| R.H.      | 24 hr. Mov. | Sea L.      | Clds.                         | Clds.        | Clds.          |  |
| 94 %      | - mi.       | 30.23 in.   | 10 SH, NS                     |              | 12 AS<br>10 SE |  |
| Ppn. Liq. | Prev. Dir.  | 3 hr. Tend. | Wx                            | Wx           | Wx             |  |
| 0.01 in.  | -           | -0.9mb      | --SH RAs]                     |              | Cloudy         |  |
| Ppn. Sol. | Snow Depth  | Observer    | Vis.                          | Vis.         | Vis.           |  |
| 0.0 in.   | 0 in.       | AGM         | 5 mi.                         | 11 mi.       | 17 mi.         |  |

$$\bar{T} = 53^\circ$$

$$HDD = 12$$

$$\Sigma HDD = 614$$

$$\Sigma PCN_1 = 2.83''$$

$$\Sigma PCN_2 = T$$

$$T_{DAVIS} = 54.5^\circ / 53^\circ$$

$$T_{UNV} = 50^\circ / 48^\circ$$

$$T_{KPSU} = 54^\circ / 46^\circ$$

$$T_w = 53^\circ$$

$$T_o = 53^\circ$$

NOV. TEMPS

$$\bar{T}_{MAX} = 51.9^\circ F$$

$$\bar{T}_{MW} = 36.6^\circ$$

$$\bar{T}_{MD} = 44.22^\circ$$

$$PCN_{62} = 0.01$$

$$\Sigma PCN_{62} = 2.89''$$