

Thursday Sept 1 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |          |             | Wind     | Barom.      | General Obs.          |                |                  |
|-------|----------|-------------|----------|-------------|-----------------------|----------------|------------------|
| Max.  | 72 °F    | Dir.        | West     | Temp.       | RW - 1030LT TO 1230LT |                |                  |
| Min.  | 61 °F    | Vel.        | 5 m.p.h. | Read.       |                       |                |                  |
| Set   | 61 °F    | Char.       | light    | Corr.       |                       |                |                  |
| R.H.  | 78 %     | 24 hr. Mov. | - mi.    | Sea L.      | 0700                  | 1300           | 1900             |
| Ppn.  | 0.03 in. | Prev. Dir.  | -        | 3 hr. Tend. | Clds. 9/10 Sc, Cs     | Clds. 2/5 Cu   | Clds. 4/5 Cs     |
| Ppn.  | - in.    | Snow Depth  | - in.    | Observer    | Wx Beautiful          | Wx breezy cool | Wx breezy cooler |
|       |          |             |          | Observer    | Vis. 25 mi.           | Vis. 25 mi.    | Vis. 25 mi.      |

$$\bar{T} = 67$$

$$HDD = 0$$

$$CDD = 2$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 2$$

$$\Sigma PCN = 0.03$$

$$T_{uv} = 61/53$$

$$T_{amos} = 59/55$$

$$T_{DRT} = 61$$

$$T_{wet} = 59$$

$$T_{DEW} = 54$$

FRI. SEPT. 2, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.         |                      | Wind                | Barom.                                   | General Obs.   |                          |                |
|---------------|----------------------|---------------------|------------------------------------------|----------------|--------------------------|----------------|
| Max.<br>70 °F | Dir.<br>—            | Temp.<br>70 °F      | GF BASE of TUSSEY RIDGE +<br>MT. NITTANY |                |                          |                |
| Min.<br>46 °F | Vel.<br>0 m.p.h.     | Read.<br>29.01 in.  |                                          |                |                          |                |
| Set<br>49 °F  | Char.<br>Calm        | Corr.<br>28.89 in.  |                                          |                |                          |                |
| R.H.<br>80 %  | 24 hr. Mov.<br>— mi. | Sea L.<br>30.26 in. | 0700<br>Clds.<br>0/10                    | 1300<br>Clds.  | 1900<br>Clds.<br>9/10 SC |                |
| Ppn.<br>0 in. | Liq.<br>—            | Prev. Dir.<br>—     | 3 hr. Tend.<br>+1.5 mb                   | Wx<br>CLR      | Wx<br>Autumn             |                |
| Ppn.<br>0 in. | Sol.<br>—            | Snow Depth<br>0 in. | Observer<br>SN                           | Vis.<br>20 mi. | Vis.<br>mi.              | Vis.<br>15 mi. |

$$\bar{T} = 58$$

$$T_{UVV} = 49/45$$

$$T_d = 43$$

$$H_{DD} = 7$$

$$T_{RAMOS} = 50/46$$

$$T_w = 46$$

$$\sum H_{DD} = 7$$

$$\sum C_{DD} = 2$$

$$\sum PCN = .03''$$

Saturday, Sept 3, 1964

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind        |           | Barom.      |           | General Obs. |                                  |        |
|-------|-------|-------------|-----------|-------------|-----------|--------------|----------------------------------|--------|
| Max.  | 66 °F | Dir.        | Co. W.    | Temp.       | 70 °F     |              |                                  |        |
| Min.  | 49 °F | Vel.        | Ca m.p.h. | Read.       | 29.06 in. |              |                                  |        |
| Set   | 50 °F | Char.       | Calm      | Corr.       | 28.94 in. |              |                                  |        |
| R.H.  | 86 %  | 24 hr. Mov. | - mi.     | Sea L.      | 30.31 in. | 0700         | 1300                             | 1900   |
| Ppn.  | 0 in. | Prev. Dir.  | -         | 3 hr. Tend. | +0.65 mb  | Clds.        | 10/10 SC                         | Clds.  |
| Ppn.  | - in. | Snow Depth  | - in.     | Observer    | MDP       | Wx           | Fog in Valley<br>Crepuscular Ray | Wx     |
|       |       |             |           | Vis.        | 20 mi.    | Wx           | Wx LRW<br>calm winds             | Vis.   |
|       |       |             |           |             |           | Vis.         |                                  | 20 mi. |

$\bar{T} = 58$   
HDD = 7  
 $\Sigma \text{HDD} = 714$   
 $\Sigma \text{CDD} = 2$   
 $\Sigma \text{PCN} = 0.03$

$T_{\text{UNV}} = 50/46$   
 $T_{\text{RAMOS}} = 49/46$

$T_{\text{WET}} = 48$   
 $T_{\text{DEW}} = 46$

SUNDAY SEPT 4, 1994 0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |     |     | Wind        |          | Barom.      | General Obs. |     |                                                  |                         |       |                          |     |
|-------|-----|-----|-------------|----------|-------------|--------------|-----|--------------------------------------------------|-------------------------|-------|--------------------------|-----|
| Max.  | 63* | °F  | Dir.        | NNE      | Temp.       | 69           | °F  | RW-- 1845-1945 LT<br>* TIES REC MIN MAX T (1974) |                         |       |                          |     |
| Min.  | 53  | °F  | Vel.        | 2 m.p.h. | Read.       | 29.05        | in. |                                                  |                         |       |                          |     |
| Set   | 54  | °F  | Char.       | light    | Corr.       | 28.93        | in. |                                                  |                         |       |                          |     |
| R.H.  | 83  | %   | 24 hr. Mov. | — mi.    | Sea L.      | 30.29        | in. | 0700                                             | 1300                    | 1900  |                          |     |
| Ppn.  | T   | in. | Prev. Dir.  | —        | 3 hr. Tend. | +2.0         | mb  | Clds.                                            | U<br>10/10 BINOVIC      | Clds. | 5/10 SC                  |     |
| Ppn.  | 0   | in. | Snow Depth  | 0 in.    | Observer    | DDS          |     | Wx                                               | GF along<br>RIDGE BASES | Wx    | Wx<br>Fog developg<br>SE |     |
|       |     |     |             |          |             |              |     | Vis.                                             | 20                      | mi.   | 20                       | mi. |

$$\bar{T} = 58$$

$$ADD = 7$$

$$\Sigma ADD = 21$$

$$\Sigma COD = 2$$

$$\Sigma PCN = .03''$$

$$T_{UNV} = 52/48 \quad T_w = 51$$

$$T_{TRANS} = 53/49 \quad T_d = 49$$



Monday, September 5, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind        |          | Barom.      |           | General Obs.                         |                         |                |
|-------|-------|-------------|----------|-------------|-----------|--------------------------------------|-------------------------|----------------|
| Max.  | 67 °F | Dir.        | —        | Temp.       | 68 °F     |                                      |                         |                |
| Min.  | 43 °F | Vel.        | 0 m.p.h. | Read.       | 29.07 in. |                                      |                         |                |
| Set   | 45 °F | Char.       | Calm     | Corr.       | 25.95 in. | 0700                                 | 1300                    | 1900           |
| R.H.  | 66 %  | 24 hr. Mov. | — mi.    | Sea L.      | 30.24 in. | Clds.                                | Clds.                   | Clds.          |
|       |       |             |          |             |           | 0/10                                 | 4/10 CU                 | 10 CU          |
| Ppn.  | 0 in. | Prev. Dir.  | —        | 3 hr. Tend. | +0.5 mb   | Wx dense fog<br>in all<br>directions | Wx<br>SUNNY<br>PLEASANT | Wx<br>Autumnal |
| Ppn.  | — in. | Snow Depth  | — in.    | Observer    | PAF       | Vis.                                 | Vis.                    | Vis.           |
|       |       |             |          |             |           | 1/2 mi.                              | 25 mi.                  | 25 mi.         |

$T = 55$        $T_{UNIV} = 43/41$        $T_W = 43$   
 $HDD = 10$        $T_{RAMOS} = 46/44$        $T_d = 41$   
 $\Sigma HDD = 31$   
 $\Sigma HDD = 2$   
 $\Sigma PEN = 0.03''$

Tuesday, September 6, 1994  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp.         |                      | Wind                | Barom.                | General Obs.                 |                        |                       |
|---------------|----------------------|---------------------|-----------------------|------------------------------|------------------------|-----------------------|
| Max.<br>68 °F | Dir.<br>—            | Temp.<br>68 °F      |                       |                              |                        |                       |
| Min.<br>43 °F | Vel.<br>0 m.p.h.     | Read.<br>28.85 in.  |                       |                              |                        |                       |
| Set<br>45 °F  | Char.<br>calm        | Corr.<br>28.73 in.  | 0700                  | 1400                         | 1900                   |                       |
| R.H.<br>83 %  | 24 hr. Mov.<br>— mi. | Sea L.<br>30.10 in. | Clds.<br>2/10 Ac      | Clds.<br>0/10                | Clds. ACU<br>6/10 CiCu |                       |
| Ppn.<br>0 in. | Liq.<br>—            | Prev. Dir.<br>—     | 3 hr. Tend.<br>0.0 mb | Wx sunny<br>cool<br>some fog | Wx Sunny<br>warmer     | Wx<br>Distort<br>Haze |
| Ppn.<br>— in. | Sol.<br>— in.        | Snow Depth<br>— in. | Observer<br>SN        | Vis.<br>3 mi.                | Vis.<br>20 mi.         | Vis.<br>7 mi.         |

$$\bar{T} = 56$$

$$HDD = 9$$

$$\Sigma HDD = 40$$

$$\Sigma CDD = 2$$

$$\Sigma PCN = 0.0311$$

$$T_{unv} = 45/41$$

$$T_{ramos} = 46/43$$

$$T_w = 42$$

$$T_d = 40$$

Wednesday, September 7, 1994

Meteorological Observatory  
University Park, PA

| Temp. |       |             | Wind               |             | Barom.    |                      | General Obs.        |                        |  |
|-------|-------|-------------|--------------------|-------------|-----------|----------------------|---------------------|------------------------|--|
| Max.  | 71 °F | Dir.        | W                  | Temp.       | 69 °F     | Overnight Low - 56°F |                     |                        |  |
| Min.  | 45 °F | Vel.        | 10 m.p.h.          | Read.       | 28.70 in. |                      |                     |                        |  |
| Set   | 59 °F | Char.       | 603RS<br>to 15 mph | Corr.       | 28.58 in. |                      |                     |                        |  |
| R.H.  | 94 %  | 24 hr. Mov. | — mi.              | Sea L.      | 29.91 in. | 0700                 | 1300                | 1900                   |  |
| Ppn.  | T in. | Prev. Dir.  | —                  | 3 hr. Tend. | +1 mb     | Clds. 8/10<br>SCU    | Clds. 7/10<br>CU    | Clds. 1/10<br>CU<br>CI |  |
| Ppn.  | — in. | Snow Depth  | — in.              | Observer    | DDS       | Wx<br>Crisp          | Wx warmer<br>breezy | Wx<br>Violet<br>Sunset |  |
|       |       |             |                    | Vis.        | 7 mi.     | Vis.                 | 18 mi.              | 20 mi.                 |  |

$$F = 68$$

$$H00 = 7$$

$$\Sigma H00 = 41$$

$$\Sigma COU = 2$$

$$\Sigma PCN = .03''$$

$$T_{UNU} = 59/54$$

$$T_{CAMS} = 58/55$$

$$T_w = 56$$

$$T_D = 57$$

Thursday, Sept 8, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind                 | Barom.                   | General Obs.             |                          |                       |
|-------|-------|----------------------|--------------------------|--------------------------|--------------------------|-----------------------|
| Max.  | 69 °F | Dir.<br>Calm         | Temp.<br>68 °F           |                          |                          |                       |
| Min.  | 51 °F | Vel.<br>Calm m.p.h.  | Read.<br>28.93 in.       |                          |                          |                       |
| Set   | 54 °F | Char.<br>Calm        | Corr.<br>28.81 in.       |                          |                          |                       |
| R.H.  | 62 %  | 24 hr. Mov.<br>- mi. | Sea L.<br>30.17 in.      | 0700<br>Clds.<br>NONE    | 1300<br>Clds.<br>1/10 Cu | 1900<br>Clds.<br>0/10 |
| Ppn.  | 0 in. | Prev. Dir.<br>-      | 3 hr. Tend.<br>+1.0 ✓ mb | Wx<br>Deep Crisp<br>Blue | Wx<br>Sparkling          | Wx<br>Clear<br>Nice   |
| Ppn.  | - in. | Snow Depth<br>- in.  | Observer<br>MDP          | Vis.<br>20 mi.           | Vis.<br>20 mi.           | Vis.<br>20 mi.        |

$\bar{T} = 60$   
HDD = 5  
 $\Sigma \text{HDD} = 46$   
 $\Sigma \text{CDD} = 2$   
 $\Sigma \text{PCN} = 0.03''$

$T_{UNV} = 54/43$     $T_w = 47$   
 $T_{trans} = 55/44$     $T_{obs} = 41$



Friday, Sept. 9, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.          |                      | Wind                | Barom.                      | General Obs.                   |                          |                              |
|----------------|----------------------|---------------------|-----------------------------|--------------------------------|--------------------------|------------------------------|
| Max.<br>75 °F  | Dir.<br>SW           | Temp.<br>69° °F     | *ovrnt LO=55                |                                |                          |                              |
| Min.<br>54* °F | Vel.<br>5 m.p.h.     | Read.<br>28.90 in.  |                             |                                |                          |                              |
| Set<br>56 °F   | Char.<br>steady      | Corr.<br>28.78 in.  |                             |                                |                          |                              |
| R.H.<br>67 %   | 24 hr. Mov.<br>— mi. | Sea L.<br>30.12 in. | 0700<br>Clds. Ci<br>6/10 Ac | 1300<br>Clds. Ci<br>4/10 Ac    | 1900<br>Clds.<br>10 Cu   |                              |
| Ppn.<br>0 in.  | Liq.<br>—            | Prev. Dir.<br>—     | 3 hr. Tend.<br>+0.2 mb      | Wx breezy<br>warm<br>Fog Sunny | Wx <del>—</del><br>windy | Wx<br><del>—</del><br>cooler |
| Ppn.<br>— in.  | Sol.<br>— in.        | Snow Depth<br>— in. | Observer<br>SN              | Vis.<br>15 mi.                 | Vis.<br>20 mi.           | Vis.<br>15 mi.               |

$$\begin{aligned}\bar{T} &= 65 \\ \Sigma HOD &= 46 \\ \Sigma COO &= 2 \\ \Sigma PCN &= 0.03''\end{aligned}$$

$$\begin{aligned}T_{unv} &= 55/49 \\ T_{trans} &= 56/51\end{aligned}$$

$$\begin{aligned}T_w &= 50 \\ T_{dew} &= 45\end{aligned}$$

Saturday, Sept 10, 1994 0700 EST

Meteorological Observatory  
University Park, PA

| Temp.            |                      | Wind                | Barom.                 | General Obs.                                               |                  |                                 |
|------------------|----------------------|---------------------|------------------------|------------------------------------------------------------|------------------|---------------------------------|
| Max.<br>72 °F    | Dir.<br>WNW          | Temp.<br>68 °F      |                        | RW - 1140 LT (few drops)                                   |                  |                                 |
| Min.<br>49 °F    | Vel.<br>3 m.p.h.     | Read.<br>28.90 in.  |                        | RW - 1328-1350 LT<br>TRW - (BRIEF TRW) 1337-1347 LT (100%) |                  |                                 |
| Set<br>51 °F     | Char.<br>Nearly Calm | Corr.<br>28.78 in.  |                        | T (1700-1800 LT) Photogenic eve. SKY<br>(over)             |                  |                                 |
|                  |                      |                     | 0700                   | 1300                                                       | 1900             |                                 |
| R.H.<br>74 %     | 24 hr. Mov.<br>- mi. | Sea L.<br>30.16 in. | Clds.<br>0/10          | Clds.                                                      | Clds.<br>1/10 CU |                                 |
| Ppn.<br>0.11 in. | Liq.<br>-            | Prev. Dir.<br>-     | 3 hr. Tend.<br>11.0 mb | Wx<br>Clear<br>Blue                                        | Wx               | Wx Clear<br>Brilliant<br>Sunset |
| Ppn.<br>- in.    | Sol.<br>-            | Snow Depth<br>-     | Observer<br>MDP        | Vis.<br>20 mi.                                             | Vis.<br>mi.      | Vis.<br>20 mi.                  |

$\bar{T} = 61$   
HDD = 4  
 $\Sigma$ HDD = 50  
 $\Sigma$ CDD = 2  
 $\Sigma$ PCN = 0.14"

$T_{UNV} = 49/45$        $T_v = 47$   
 $T_{RAMOS} = 50/46$        $T_{DEW} = 43$

Precip. History (Cont'd):  
TRW - 1735-45 LT (.01")

Sunday, September 11, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind        | Barom.      | General Obs.               |       |                          |
|-------|-------|-------------|-------------|----------------------------|-------|--------------------------|
| Max.  | 68 °F | Dir. —      | Temp.       |                            |       |                          |
|       |       |             | 68 °F       |                            |       |                          |
| Min.  | 42 °F | Vel.        | Read.       |                            |       |                          |
|       |       | 0 m.p.h.    | 28.96 in.   |                            |       |                          |
| Set   | 46 °F | Char.       | Corr.       | 0700                       | 1300  | 1900                     |
|       |       | Calm        | 28.84 in.   |                            |       |                          |
| R.H.  | 93 %  | 24 hr. Mov. | Sea L.      | Clds.                      | Clds. | Clds.                    |
|       |       | — mi.       | 30.21 in.   | ACU<br>1/10                |       | 0/10                     |
| Ppn.  | Liq.  | Prev. Dir.  | 3 hr. Tend. | Wx                         | Wx    | Wx                       |
|       | 0 in. | —           | 1.1 / mb    | Some dew<br>low valley fog |       | Nothing!<br>cool + clear |
| Ppn.  | Sol.  | Snow Depth  | Observer    | Vis.                       | Vis.  | Vis.                     |
|       | — in. | — in.       | DOS         | 20 mi.                     | mi.   | 25 mi.                   |

$$\bar{T} = 55$$

$$HON = 10$$

$$\Sigma HON = 60$$

$$\Sigma LON = 2$$

$$\Sigma PCW = 0.14''$$

$$T_{UNO} = 44/41$$

$$T_{RAMOS} = 48/43$$

$$T_U = 44$$

$$T_{NEW} = 44$$

Monday, September 12, 1994

Meteorological Observatory  
University Park, PA

0700 EST

General Obs.

| Temp. |       | Wind        |          | Barom.      |           | General Obs.                                   |                            |                         |
|-------|-------|-------------|----------|-------------|-----------|------------------------------------------------|----------------------------|-------------------------|
| Max.  | 67 °F | Dir.        | SSW      | Temp.       | 70 °F     |                                                |                            |                         |
| Min.  | 44 °F | Vel.        | 3 m.p.h. | Read.       | 29.12 in. |                                                |                            |                         |
| Set   | 45 °F | Char.       | light    | Corr.       | 29.00 in. | 0700                                           | 1300                       | 1900                    |
| R.H.  | 71 %  | 24 hr. Mov. | — mi.    | Sea L.      | 30.32 in. | Clds. (Few Ci)<br>0/10                         | Clds. Ci<br>1/10           | Clds. Ci<br>4/10        |
| Ppn.  | — in. | Prev. Dir.  | —        | 3 hr. Tend. | +2.0/ mb  | Wx valley fog<br>towards SE<br>*guttation vskl | Wx Sunny<br>cool<br>breezy | Wx clear<br>comfortable |
| Ppn.  | — in. | Snow Depth  | — in.    | Observer    | PAF       | Vis.<br>6 v. 20 mi.                            | Vis.<br>23 mi.             | Vis.<br>23 mi.          |

$T = 56$     $T_{UNV} = 44/41$     $T_W = 41$   
 $HDD = 9$     $T_{RAMS} = 46/43$     $T_d = 36$   
 $\Sigma HDD = 69$   
 $\Sigma CDD = 2$   
 $\Sigma PCN = 0.14''$



Tuesday, September 13, 1994  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |     |     | Wind        |          | Barom.      | General Obs. |     |                       |                      |                        |
|-------|-----|-----|-------------|----------|-------------|--------------|-----|-----------------------|----------------------|------------------------|
| Max.  | 73  | °F  | Dir.        | SSW      | Temp.       | 69           | °F  | * overnight low - 53F |                      |                        |
| Min.  | 45* | °F  | Vel.        | 2 m.p.h. | Read.       | 29.03        | in. |                       |                      |                        |
| Set.  | 57  | °F  | Char.       | light    | Corr.       | 28.91        | in. |                       |                      |                        |
| R.H.  | 67  | %   | 24 hr. Mov. | —        | Sea L.      | 30.25        | in. | 0700                  | 1300                 | 1900                   |
| Ppn.  | —   | in. | Prev. Dir.  | —        | 3 hr. Tend. | +03          | mb  | Clds. AC<br>3/10      | Clds. AC<br>5/10 CI  | Clds. Ciw.<br>8/10     |
| Ppn.  | —   | in. | Snow Depth  | —        | Observer    | SN           |     | Wx very pleasant      | Wx warm windy bright | Wx Hazy warm Darkening |
|       |     |     |             |          |             |              |     | Vis. 18 mi.           | Vis. 20 mi.          | Vis. 4 mi.             |

$T=59$   
 $HDD=6$   
 $\Sigma HDD=75$   
 $\Sigma CDD=2$   
 $\Sigma PCN=0.14''$

$T_{unv}=61/46$   $T_w=51$   
 $T_{amos}=58/48$   $T_d=46$

Wednesday, September 14, 1994  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |         | Wind        |           | Barom.      |           | General Obs.              |                          |                     |
|-------|---------|-------------|-----------|-------------|-----------|---------------------------|--------------------------|---------------------|
| Max.  | 79 °F   | Dir.        | WNW       | Temp.       | 71 °F     | * Overnight low - 66°F    |                          |                     |
| Min.  | 57 * °F | Vel.        | 10 m.p.h. | Read.       | 29.77 in. |                           |                          |                     |
| Set   | 66 °F   | Char.       | Constant  | Corr.       | 28.64 in. |                           |                          |                     |
| R.H.  | 75 %    | 24 hr. Mov. | — mi.     | Sea L.      | 29.95 in. | 0700                      | 1300                     | 1900                |
| Ppn.  | 0 in.   | Prev. Dir.  | —         | 3 hr. Tend. | ↑.7 — mb  | Clds. ACU<br>8/10 CU Con. | Clds. ACU<br>8/10 CU     | Clds. CU<br>9/10 AC |
| Ppn.  | — in.   | Snow Depth  | — in.     | Observer    | DDS       | Wx HAZY<br>WARM           | Wx Hazy<br>windy<br>warm | Wx Hazy<br>mild     |
| Sol.  | — in.   |             |           |             |           | Vis.                      | Vis.                     | Vis.                |
|       |         |             |           |             |           | 5 mi.                     | 5 mi.                    | 5 mi.               |

$$\begin{aligned}T &= 68 \\CDD &= 3 \\ \Sigma HOD &= 75 \\ \Sigma LOD &= 5 \\ \Sigma PCN &= .14''\end{aligned}$$

$$\begin{aligned}T_{unv} &= 67/57 \\ T_{rms} &= 64/58\end{aligned}$$

$$\begin{aligned}T_w &= 61 \\ T_d &= 58\end{aligned}$$

Thursday, Sept 15, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind                 | Barom.                   | General Obs.      |                       |                  |
|-------|-------|----------------------|--------------------------|-------------------|-----------------------|------------------|
| Max.  | 77 °F | Dir.<br>00           | Temp.<br>72 °F           |                   |                       |                  |
| Min.  | 65 °F | Vel.<br>00 m.p.h.    | Read.<br>28.93 in.       |                   |                       |                  |
| Set   | 65 °F | Char.<br>CALM        | Corr.<br>28.81 in.       | 0700              | 1300                  | 1900             |
| R.H.  | 91 %  | 24 hr. Mov.<br>- mi. | Sea L.<br>30.13 in.      | Clds.<br>10% st   | Clds.<br>10% st?      | Clds.<br>10% st  |
| Ppn.  | 0 in. | Prev. Dir.<br>-      | 3 hr. Tend.<br>+1.0 / mb | Wx Humid<br>MURKY | Wx Very Humid<br>HAZY | Wx Humid<br>HAZY |
| Ppn.  | - in. | Snow Depth<br>- in.  | Observer<br>MDP          | Vis.<br>2 mi.     | Vis.<br>3 mi.         | Vis.<br>3 mi.    |

$\bar{T} = 71$   
CDD = 6  
HDD = 0  
 $\Sigma$ HDD = 75  
 $\Sigma$ CDD = 11  
 $\Sigma$ PCN = 0.14"

$T_{\text{max}} = 64/63$   $T_w = 63$   
 $T_{\text{Ramos}} = 64/64$   $T_o = 62$

Friday, Sept. 16, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.           |                      | Wind                | Barom.                          | General Obs.               |                        |                       |
|-----------------|----------------------|---------------------|---------------------------------|----------------------------|------------------------|-----------------------|
| Max.<br>73 °F   | Dir.<br>W            | Temp.<br>72 °F      | RW-0915-0925 LT<br>1010-1115 LT |                            |                        |                       |
| Min.<br>64 °F   | Vel.<br>5 m.p.h.     | Read.<br>28.95 in.  |                                 |                            |                        |                       |
| Set<br>66 °F    | Char.<br>steady      | Corr.<br>28.82 in.  | 0700                            | 1300                       | 1900                   |                       |
| R.H.<br>93 %    | 24 hr. Mov.<br>— mi. | Sea L.<br>30.14 in. | Clds.<br>X                      | Clds.<br>0/10              | Clds.<br>0/10          |                       |
| Ppn.<br>.02 in. | Liq.<br>—            | Prev. Dir.<br>—     | 3 hr. Tend.<br>/+1.1 mb         | Wx Heavy Fog<br>warm Humid | Wx Sunny<br>Hazy Humid | Wx Very Hazy<br>Humid |
| Ppn.<br>— in.   | Sol.<br>— in.        | Snow Depth<br>— in. | Observer<br>SN                  | Vis.<br>1/4 mi.            | Vis.<br>3 mi.          | Vis.<br>3 mi.         |

$$\bar{T} = 69$$

$$CDD = 4$$

$$\Sigma HDD = 75$$

$$\Sigma CDD = 15$$

$$\Sigma PEN = 0.16''$$

$$T_{unv} = 67/67$$

$$T_{ramos} = 65/65$$

$$T_w = 64$$

$$T_d = 64$$



Saturday, Sept 17, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |               | Wind                 | Barom.                 | General Obs.                             |             |                               |
|-------|---------------|----------------------|------------------------|------------------------------------------|-------------|-------------------------------|
| Max.  | 81 °F         | Dir.<br>WSW          | Temp.<br>72 °F         |                                          |             |                               |
| Min.  | 65 °F         | Vel.<br>5 m.p.h.     | Read.<br>28.77 in.     |                                          |             |                               |
| Set   | 67 °F         | Char.<br>Very light  | Corr.<br>28.65 in.     |                                          |             |                               |
| R.H.  | 84 %          | 24 hr. Mov.<br>- mi. | Sea L.<br>29.97 in.    | 0700                                     | 1300        | 1900                          |
| Ppn.  | Liq.<br>0 in. | Prev. Dir.<br>-      | 3 hr. Tend.<br>-0.2 mb | Clds.<br>9/10 AC<br>SC                   | Clds.       | Clds.<br>Obscured<br>Darkness |
| Ppn.  | Sol.<br>- in. | Snow Depth<br>- in.  | Observer<br>MDP        | Wx<br>Hazy, m. l. d<br>Sun dimly visible | Wx          | Wx<br>Rain<br>Fog             |
|       |               |                      | Observer               | Vis.<br>7 mi.                            | Vis.<br>mi. | Vis.<br>2 mi.                 |

$$\bar{T} = 73$$

$$CDD = 8$$

$$\Sigma HDD = 75$$

$$\Sigma CDD = 23$$

$$\Sigma PCN = 0.16''$$

$$T_{WIND} = 67/63 \quad T_{WET} = 63$$

$$T_{ATMOS} = 66/62 \quad T_{DEW} = 61$$

SUNDAY, SEPTEMBER 18, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |                | Wind        |                         | Barom.      |           | General Obs.                                                                                                  |            |       |                                      |
|-------|----------------|-------------|-------------------------|-------------|-----------|---------------------------------------------------------------------------------------------------------------|------------|-------|--------------------------------------|
| Max.  | 72 °F          | Dir.        | N                       | Temp.       | 70 °F     | * REC. PRECIP. FOR DATE<br>(PREV. = 1.19" IN 1945)<br>INTERMITTENT RW -<br>1130 - 1730 LT<br>R 1730 - 0030 LT |            |       |                                      |
| Min.  | 54 °F          | Vel.        | 7 m.p.h.                | Read.       | 28.76 in. |                                                                                                               |            |       |                                      |
| Set   | 55 °F          | Char.       | 6 W S W S T O<br>17 mph | Corr.       | 28.64 in. |                                                                                                               |            |       |                                      |
| R.H.  | 59 %           | 24 hr. Mov. | — mi.                   | Sea L.      | 29.98 in. | Clds.                                                                                                         | 0700       | 1300  | 1900                                 |
| Ppn.  | Liq. 1.51* in. | Prev. Dir.  | —                       | 3 hr. Tend. | +3.0 / mb | Clds.                                                                                                         | 60<br>1/10 | Clds. | 0/10                                 |
| Ppn.  | Sol. — in.     | Snow Depth  | — in.                   | Observer    | DDS       | Wx                                                                                                            | CRISP      | Wx    | Wx CRISP,<br>clear,<br>big fat m. ov |
|       |                |             |                         |             |           | Vis.                                                                                                          | 25 mi.     | Vis.  | 25 mi.                               |

$$F = 63$$

$$H_{00} = 2$$

$$\Sigma H_{00} = 75$$

$$\Sigma C_{00} = 23$$

$$\Sigma PCN = 1.67''$$

$$T_{UVV} = 55/47$$

$$T_{RAMOS} = 56/46$$

$$T_{wet} = 48$$

$$T_{Dew} = 41$$

Monday, September 13, 1964

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind        |             | Barom.      |           | General Obs.                    |                    |                               |
|-------|-------|-------------|-------------|-------------|-----------|---------------------------------|--------------------|-------------------------------|
| Max.  | 68 °F | Dir.        | WSW         | Temp.       | 69 °F     |                                 |                    |                               |
| Min.  | 50 °F | Vel.        | 8 m.p.h.    | Read.       | 29.94 in. |                                 |                    |                               |
| Set   | 56 °F | Char.       | Grsts to 13 | Corr.       | 29.82 in. | 0700                            | 1300               | 1900                          |
| R.H.  | 64 %  | 24 hr. Mov. | - mi.       | Sea L.      | 35.11 in. | Clds.                           | 0/10               | Clds.                         |
| Ppn.  | - in. | Prev. Dir.  | -           | 3 hr. Tend. | +1.5 / mb | Wx clear<br>c do<br>Autumn-like | Wx clear<br>warmer | Wx beautiful<br>clear<br>warm |
| Ppn.  | - in. | Snow Depth  | - in.       | Observer    | PAF       | Vis.                            | 25 mi.             | Vis.                          |
|       |       |             |             |             |           | Vis.                            | 25 mi.             | Vis.                          |
|       |       |             |             |             |           |                                 | 25 mi.             | 25 mi.                        |

$$\begin{aligned} \bar{T} &= 59 & T_{uv} &= 52/48 & T_w &= 49 \\ HDD &= 6 & & & & \\ \sum HDD &= 81 & T_{arms} &= 55/48 & T_d &= 44 \\ ECDE &= 23 & & & & \\ \Sigma FCN &= 1.67'' & & & & \end{aligned}$$

Tuesday, September 20, 1994

Meteorological Observatory  
University Park, PA

0700 EST

General Obs.

| Temp. |       | Wind        |          | Barom.      |           | General Obs.                 |                             |                          |
|-------|-------|-------------|----------|-------------|-----------|------------------------------|-----------------------------|--------------------------|
| Max.  | 70 °F | Dir.        | —        | Temp.       | 70 °F     |                              |                             |                          |
| Min.  | 45 °F | Vel.        | — m.p.h. | Read.       | 29.08 in. |                              |                             |                          |
| Set   | 47 °F | Char.       | calm     | Corr.       | 28.85 in. | 0700                         | 1300                        | 1900                     |
| R.H.  | 80 %  | 24 hr. Mov. | — mi.    | Sea L.      | 30.21 in. | Clds.                        | Clds.                       | Clds.                    |
| Ppn.  | — in. | Prev. Dir.  | —        | 3 hr. Tend. | +1.7 mb   | Wx cool<br>sunny<br>some fog | Wx warmer<br>sunny<br>clear | Wx<br>Moonlight<br>Crisp |
| Ppn.  | — in. | Snow Depth  | — in.    | Observer    | SN        | Vis.                         | Vis.                        | Vis.                     |
|       |       |             |          |             |           | 18 mi.                       | 25 mi.                      | 25 mi.                   |

T=58

HDD=7

$\Sigma$ HDD=88

$\Sigma$ CDD=23

$\Sigma$ PCN=1.67"

T<sub>uv</sub>=46/24

T<sub>amos</sub>=48/44

T<sub>w</sub>=44

T<sub>d</sub>=41



Wednesday, September 21, 1994  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind              | Barom.              | General Obs.               |                  |                    |
|-------|-------|-------------------|---------------------|----------------------------|------------------|--------------------|
| Max.  | 71 °F | Dir. S            | Temp. 69 °F         |                            |                  |                    |
| Min.  | 46 °F | Vel. 2 m.p.h.     | Read. 29.02 in.     |                            |                  |                    |
| Set   | 48 °F | Char. light       | Corr. 28.90 in.     | 0700                       | 1300             | 1900               |
| R.H.  | 93 %  | 24 hr. Mov. — mi. | Sea L. 30.26 in.    | Clds. Ci<br>2/10 Contrails | Clds. Ci<br>5/10 | Clds. Ci<br>6/10   |
| Ppn.  | 0 in. | Prev. Dir. —      | 3 hr. Tend. +.95 mb | Wx Valley Fog              | Wx Hazy warm     | Wx Still Beautiful |
| Ppn.  | — in. | Snow Depth — in.  | Observer DDS        | Vis. 17 mi.                | Vis. 20 mi.      | Vis. 20 mi.        |

$$\bar{T} = 59$$

$$HDD = 6$$

$$\Sigma HDD = 94$$

$$\Sigma CDD = 23$$

$$\Sigma PCN = 1.67''$$

$$T_{UNV} = 47/46$$

$$T_{RAMOS} = 50/46$$

$$T_W = 46$$

$$T_0 = 44$$

Thursday, Sept 22, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                |                             | Wind                   | Barom.                          | General Obs.             |                              |  |
|----------------------|-----------------------------|------------------------|---------------------------------|--------------------------|------------------------------|--|
| Max.<br>73 °F        | Dir.<br>East                | Temp.<br>70 °F         | *overnite low = 53              |                          |                              |  |
| Min.<br>48* °F       | Vel.<br>2 m.p.h.            | Read.<br>28.96 in.     |                                 |                          |                              |  |
| Set<br>53 °F         | Char.<br>light,<br>variable | Corr.<br>28.84 in.     | 0700                            | 1300                     | 1900                         |  |
| R.H.<br>97 %         | 24 hr. Mov.<br>- mi.        | Sea L.<br>30.19 in.    | Clds.<br>10% Cs                 | Clds.<br>10% As<br>5% Sc | Clds.<br>10% NS              |  |
| Ppn. Liq.<br>0.0 in. | Prev. Dir.<br>-             | 3 hr. Tend.<br>+0.4 mb | Wx<br>Cloudy<br>Haze,<br>of Fog | Wx<br>Autumnal           | Wx<br>Cool<br>steady<br>rain |  |
| Ppn. Sol.<br>- in.   | Snow Depth<br>- in.         | Observer<br>MDP        | Vis.<br>4 mi.                   | Vis.<br>20 mi.           | Vis.<br>7 mi.                |  |

$\bar{T} = 61$   
HDD = 4  
 $\Sigma \text{HDD} = 98$   
 $\Sigma \text{CDD} = 23$   
 $\Sigma \text{PLN} = 1.67''$

$T_{\text{Unv}} = 51/51$   
 $T_{\text{Ramos}} = 52/51$

$T_w = 51$   
 $T_{\text{Dew}} = 50$

Friday, Sept 23, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |          | Wind        |          | Barom.      |           | General Obs.                                                      |                   |                           |
|-------|----------|-------------|----------|-------------|-----------|-------------------------------------------------------------------|-------------------|---------------------------|
| Max.  | 63 °F    | Dir.        | NNE      | Temp.       | 69 °F     | R-1615-2030 LT<br>R-, OCN1 R 2030-0000 LT<br>FQT R-, L- 0000-0000 |                   |                           |
| Min.  | 52 °F    | Vel.        | 5 m.p.h. | Read.       | 28.75 in. |                                                                   |                   |                           |
| Set   | 53 °F    | Char.       | steady   | Corr.       | 28.63 in. |                                                                   |                   |                           |
| R.H.  | 93 %     | 24 hr. Mov. | — mi.    | Sea L.      | 29.98 in. | 0700                                                              | 1300              | 1900                      |
| Ppn.  | 0.61 in. | Prev. Dir.  | —        | 3 hr. Tend. | 0.0 mb    | Clds. NS<br>10/10                                                 | Clds. NS<br>10/10 | Clds. NS<br>10/10 St      |
| Ppn.  | — in.    | Snow Depth  | — in.    | Observer    | 5N        | Wx Not as<br>Cool, sog,<br>+ drizzle                              | Wx breezy<br>cool | Wx Cool,<br>Damp          |
|       |          |             |          | Observer    | 5N        | Vis. 4 mi.                                                        | Vis. 20 mi.       | Vis. 20 mi.<br>Novenbresk |

$$\bar{T} = 57$$

$$HDD = 8$$

$$\Sigma HDD = 106$$

$$\Sigma CDD = 23$$

$$\Sigma PCN = 2.28''$$

$$T_{unv} = 53/52$$

$$T_{ramos} = 52/52$$

$$T_w = 52$$

$$T_{dew} = 51$$

Saturday, September 24, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |        | Wind        |          | Barom.      |           | General Obs.                                             |       |                           |
|-------|--------|-------------|----------|-------------|-----------|----------------------------------------------------------|-------|---------------------------|
| Max.  | 62 °F  | Dir.        | CALM     | Temp.       | 70 °F     | L- 0605 - 0900 LT<br>L- 1400 - 1600 LT<br>CURRENT LO ~56 |       |                           |
| Min.  | 53* °F | Vel.        | 0 m.p.h. | Read.       | 28.85 in. |                                                          |       |                           |
| Set   | 58 °F  | Char.       | CALM     | Corr.       | 28.73 in. | 0700                                                     | 1300  | 1900                      |
| R.H.  | 93 %   | 24 hr. Mov. | - mi.    | Sea L.      | 30.06 in. | Clds.                                                    | Clds. | Clds. SC<br>2/10          |
| Ppn.  | T in.  | Prev. Dir.  | -        | 3 hr. Tend. | +0.9/mb   | Wx                                                       | Wx    | Wx<br>WARM                |
| Ppn.  | - in.  | Snow Depth  | - in.    | Observer    | MDP       | Vis.                                                     | Vis.  | Vis.<br>10 mi. mi. 17 mi. |

$\bar{T} = 58$   
HDD = 7  
 $\Sigma \text{HDD} = 113$   
 $\Sigma \text{CDD} = 23$   
 $\Sigma \text{PLN} = 2.28''$

$T_{\text{unv}} = 58/57$   
 $T_{\text{trans}} = 57/57$

$T_{\text{wet}} = 57$   
 $T_{\text{dew}} = 56$



SUNDAY, SEPTEMBER 25, 1994  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |       | Wind              | Barom.           | General Obs.           |          |                                   |
|-------|-------|-------------------|------------------|------------------------|----------|-----------------------------------|
| Max.  | 72 °F | Dir. S            | Temp. 71 °F      |                        |          |                                   |
| Min.  | 58 °F | Vel. 1 m.p.h.     | Read. 28.80 in.  |                        |          |                                   |
| Set   | 60 °F | Char. Near Calm   | Corr. 28.67 in.  | 0700                   | 1300     | 1900                              |
| R.H.  | 89 %  | 24 hr. Mov. — mi. | Sea L. 30.01 in. | Clds. 10/10 ACUs<br>CU | Clds.    | Clds. 0/10 Sc<br>becoming<br>OVCs |
| Ppn.  | 0 in. | Prev. Dir. —      | 3 hr. Tend. mb   | Wx FOG                 | Wx       | Wx becoming<br>OVCs               |
| Ppn.  | — in. | Snow Depth — in.  | Observer DDS     | Vis. 3 mi.             | Vis. mi. | Vis. 7 mi.                        |

$$\bar{T} = 65$$

$$T_{UNV} = 60/59$$

$$T_{WET} = 55$$

$$\Sigma H_{00} = 113$$

$$T_{RAMOS} = 60/59$$

$$T_{Dew} = 53$$

$$\Sigma L_{00} = 23$$

$$\Sigma PCN = 2.28''$$

Monday, September 21, 1964

0700 EST

Meteorological Observatory  
University Park, PA

| Temp. |          | Wind        |          | Barom.      |           | General Obs.                 |                   |                              |
|-------|----------|-------------|----------|-------------|-----------|------------------------------|-------------------|------------------------------|
| Max.  | 73 °F    | Dir.        | —        | Temp.       | 70 °F     | 555LT LTGIC SW               |                   |                              |
| Min.  | 60 °F    | Vel.        | 0 m.p.h. | Read.       | 28.67 in. | 607LT T HEARD                |                   |                              |
| Set   | 63 °F    | Char.       | calm     | Corr.       | 28.55 in. | TRW: 555-715 LT              |                   |                              |
| R.H.  | 85 %     | 24 hr. Mov. | — mi.    | Sea L.      | 29.84 in. | 0700                         | 1300              | 1900                         |
| Ppn.  | 0.13 in. | Prev. Dir.  | —        | 3 hr. Tend. | +1.0 mb   | Clds. Sc<br>9/10<br>AF<br>CI | Clds. AC<br>10/10 | Clds. Cu, cb<br>10 All Grads |
| Ppn.  | — in.    | Snow Depth  | — in.    | Observer    | PAF       | Wx a temporary break from RN | Wx warm breezy    | Wx m. id                     |
|       |          |             |          | Observer    | PAF       | Vis.                         | Vis.              | Vis.                         |
|       |          |             |          |             |           | 20 mi.                       | 23 mi.            | 17 mi.                       |

$F=67$      $T_{UNV} = 63/62$      $T_w = 60$   
 $CDD=2$      $T_{RAMS} = 64/62$      $T_d = 58$

$\Sigma HOD = 113$

$\Sigma CDD = 25$

$\Sigma PCN = 2.41''$

Tuesday, September 24, 1994

Meteorological Observatory  
University Park, PA

0700 EST

| Temp. |          | Wind         |          | Barom.      |           | General Obs.           |                       |                       |
|-------|----------|--------------|----------|-------------|-----------|------------------------|-----------------------|-----------------------|
| Max.  | 73 °F    | Dir.         | 55E      | Temp.       | 71 °F     | TRW - ~ 0120 - 0135 LT |                       |                       |
| Min.  | 62 °F    | Vel.         | 8 m.p.h. | Read.       | 28.61 in. |                        |                       |                       |
| Set   | 63 °F    | Char. Gusts: | to 12    | Corr.       | 28.50 in. | 0700                   | 1300                  | 1900                  |
| R.H.  | 84 %     | 24 hr. Mov.  | — mi.    | Sea L.      | 29.81 in. | Clds.                  | 6/10 Cu               | 8/10 Cu               |
| Ppn.  | 0.05 in. | Prev. Dir.   | —        | 3 hr. Tend. | +0.08 mb  | Wx                     | warm<br>muggy<br>Haze | Wx cooler<br>+ breezy |
| Ppn.  | — in.    | Snow Depth   | — in.    | Observer    | SN        | Vis.                   | 10 mi.                | 20 mi.                |
|       |          |              |          |             |           | Vis.                   | — mi.                 | Obscured              |
|       |          |              |          |             |           | Wx                     | Cool                  |                       |

$$\bar{T} = 68$$

$$CDD = 3$$

$$\Sigma HDD = 113$$

$$\Sigma CDD = 28$$

$$\Sigma PCN = 2.46''$$

$$T_{unv} = 64/61$$

$$T_{amos} = 62/59$$

$$T_w = 60$$

$$T_d = 5E$$

Wednesday, September 28, 1944

Meteorological Observatory  
University Park, PA

0700 EST

| Temp. |       | Wind        |          | Barom.      |           | General Obs.               |                     |                               |
|-------|-------|-------------|----------|-------------|-----------|----------------------------|---------------------|-------------------------------|
| Max.  | 68 °F | Dir.        | WSW      | Temp.       | 70 °F     | RW-- (few drops) ~ 1315 LT |                     |                               |
| Min.  | 53 °F | Vel.        | 9 m.p.h. | Read.       | 28.61 in. |                            |                     |                               |
| Set   | 55 °F | Char.       | VARIABLE | Corr.       | 28.50 in. |                            |                     |                               |
| R.H.  | 72 %  | 24 hr. Mov. | — mi.    | Sea L.      | 29.84 in. | 0700                       | 1300                | 1900                          |
| Ppn.  | T in. | Prev. Dir.  | —        | 3 hr. Tend. | +0.02 mb  | Clds. CW<br>10/10 ALU      | Clds. NS<br>10/10   | Clds. Cb to E<br>6/10 SE      |
| Ppn.  | — in. | Snow Depth  | — in.    | Observer    | DOS       | Wx<br>BRISK                | Wx<br>still<br>COOL | Wx<br>Cold<br>lightning to SE |
|       |       |             |          |             |           | Vis.<br>17 mi.             | Vis.<br>10 mi.      | Vis.<br>10 mi.                |

$$\bar{T} = 61$$

$$HOD = 4$$

$$\Sigma HOD = 117$$

$$\Sigma LOD = 28$$

$$\Sigma PCN = 2.46''$$

$$T_{UV} = 55/46$$

$$T_{RAMOS} = 53/44$$

$$T_W = 50$$

$$T_J = 46$$



Thursday, September 29, 1994

0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                 |                           | Wind                   | Barom.                                                                            | General Obs.                     |                               |  |
|-----------------------|---------------------------|------------------------|-----------------------------------------------------------------------------------|----------------------------------|-------------------------------|--|
| Max.<br>59 °F         | Dir.<br>West              | Temp.<br>69 °F         | RW- 1015LT - 1345LT (.07")<br>TRW- 1900LT - 1915LT (.05")<br>(OCNL T 1800-1900LT) |                                  |                               |  |
| Min.<br>49 °F         | Vel. gust 22<br>15 m.p.h. | Read.<br>28.60 in.     |                                                                                   |                                  |                               |  |
| Set<br>50 °F          | Char.<br>Breezy           | Corr.<br>28.48 in.     | 0700                                                                              | 1300                             | 1900                          |  |
| R.H.<br>91 %          | 24 hr. Mov.<br>- mi.      | Sea L.<br>29.83 in.    | Clds.<br>7/10 SC<br>AC                                                            | Clds.<br>7/10 SC<br>CU           | Clds.<br>4/10 SC              |  |
| Ppn. Liq.<br>0.12 in. | Prev. Dir.<br>-           | 3 hr. Tend.<br>+0.6/mb | Wx crepuscular<br>rays in<br>Penn's Valley                                        | Wx Very Windy<br>(20 mph, gusts) | Wx Calming<br>SOUND<br>chilly |  |
| Ppn. Sol.<br>- in.    | Snow Depth<br>- in.       | Observer<br>MDP        | Vis.<br>25 mi.                                                                    | Vis.<br>25 mi.                   | Vis.<br>25 mi.                |  |

$$\bar{T} = 54^\circ$$

$$HDD = 11$$

$$\Sigma HDD = 128$$

$$\Sigma CDD = 28$$

$$\Sigma PCW = 2.58''$$

$$T_{UNV} = 50/43$$

$$T_{RAMOS} = 48/41$$

$$T_{wet} = 46$$

$$T_{DEW} = 43$$

Friday, September 30, 1944  
0700 EST

Meteorological Observatory  
University Park, PA

| Temp.                |  | Wind                  | Barom.                 | General Obs.                                                                                     |                    |                         |
|----------------------|--|-----------------------|------------------------|--------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| Max.<br>58 °F        |  | Dir.<br>South         | Temp.<br>70 °F         | RW - 0805 LT<br>(Few drops)<br>~ 1015 LT<br>~ 1200 LT<br>~ 1415 LT<br>wind Gust 46mph @ 16:20 LT |                    |                         |
| Min.<br>41 °F        |  | Vel.<br>3 m.p.h.      | Read.<br>28.86 in.     |                                                                                                  |                    |                         |
| Set<br>43 °F         |  | Char. light<br>steady | Corr.<br>28.74 in.     | 0700                                                                                             | 1300               | 1900                    |
| R.H.<br>76 %         |  | 24 hr. Mov.<br>— mi.  | Sea L.<br>30.11 in.    | Clds.<br>0/10                                                                                    | Clds. cu<br>2/10   | Clds.<br>3/10 Cu        |
| Ppn. Liq.<br>.02 in. |  | Prev. Dir.<br>—       | 3 hr. Tend.<br>+1.2 mb | Wx very<br>chilly +<br>clear                                                                     | Wx clear<br>warmer | Wx<br>getting<br>chilly |
| Ppn. Sol.<br>— in.   |  | Snow Depth<br>— in.   | Observer<br>SN         | Vis.<br>20 mi.                                                                                   | Vis.<br>23 mi.     | Vis.<br>20 mi.          |

$$\bar{T} = 50^\circ$$

$$HDD = 15$$

$$\Sigma HDD = 143$$

$$\Sigma CDD = 28$$

$$\Sigma PCN = 2.60''$$

$$T_{unv} = 46/41$$

$$T_{amos} = 43/40$$

$$T_w = 40$$

$$T_d = 36$$