

Thur. July 1, 1982 0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

|       |          |             |           |             |        |                 |       |       |
|-------|----------|-------------|-----------|-------------|--------|-----------------|-------|-------|
| Temp. |          | Wind        |           | Barom.      |        | CRISP AND CLEAN |       |       |
| Max.  | 78 °F    | Dir.        | NW        | Temp.       | 67     |                 |       |       |
| Min.  | 52 °F    | Vel.        | 10 m.p.h. | Read.       | 28.91  |                 |       |       |
| Set   | 54 °F    | Char.       | GUSTY     | Corr.       | 28.80  | 0700            | 1300  | 1900  |
| R.    | 85 %     | 24 hr. Mov. | MISSING   | Sea L.      | 30.16  | Clds.           | Clds. | Clds. |
| Ppn.  | 0.01 in. | Prev. Dir.  | W (EST)   | 3 hr. Tend. | +1.6mb | Wx              | Wx    | Wx    |
| Ppn.  | - in.    | Snow Depth  | - in.     | Observer    | FJG    | Vis.            | Vis.  | Vis.  |
|       |          |             |           |             |        | 35 mi           |       | 57    |

FRIDAY 2 JULY 1982 0700 EST

Meteorology  
University Park, Pa.

General Obs.

|       |       |             |             |             |  |       |       |       |
|-------|-------|-------------|-------------|-------------|--|-------|-------|-------|
| Temp. |       | Wind        |             | Barom.      | min ties record (also set '37, '4<br>C N |       |       |       |
| Max.  | 76 °F | Dir.        | SW          | Temp        |  |       |       | 67    |
| Min.  | 46 °F | Vel.        | 4<br>m.p.h. | Read.       |  |       |       | 28.86 |
| Set   | 52 °F | Char.       | -           | Corr.       |  |       |       | 28.85 |
| R. H. | 80 %  | 24 hr. Mov. | missing     | Sea L.      | 30.21                                    | 0700  | 1300  | 1900  |
| Ppn.  | - in. | Prev. Dir.  | NNW (est)   | 3 hr. Tend. | +1.5mb                                   | Clds. | Clds. | Clds. |
| Ppn.  | - in. | Snow Depth  | - in.       | Observer    | SSL                                      | Wx    | Wx    | Wx    |
|       |       |             |             |             |  | Vis.  | Vis.  | Vis.  |
|       |       |             |             |             |  | 35 mi |       | 55    |



Friday July 4 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |          | Wind        | Barom.   | General Obs. |         |  |       |       |
|-------|----------|-------------|----------|--------------|---------|--|-------|-------|
| Max.  | 62 °F    | Dir.        | -        | Temp.        | 66      | R - TO R-12-17Z (3rd)<br>VSBY LOWER 5 (~1/4 mi)<br>DENSE FOG (VSBY VISIBLE) IN SRN<br>PART OF BORO |       |       |
| Min.  | 52 °F    | Vel.        | -        | Read.        | 28.66   |  |       |       |
| Set   | 54 °F    | Char.       | CALM     | Corr.        | 28.55   |  |       |       |
| R. H. | 100 %    | 24 hr. Mov. | missing  | Sea L.       | 29.89   | 0700   | 1300  | 1900  |
| Ppn.  | 0.72 in. | Prev. Dir.  | NE (est) | 3 hr. Tend.  | +2.0mb/ | Clds.  | Clds. | Clds. |
| Ppn.  | - in.    | Snow Depth  | - in.    | Observer     | SL      | Wx   | Wx    | Wx    |
|       |          |             |          |              |         | Vis.   | Vis.  | Vis.  |
|       |          |             |          |              |         | 3/4 mi   |       | 56    |

Monday July 5, 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |             | Wind                | Barom.                  | General Obs.           |               |               |
|-------|-------------|---------------------|-------------------------|------------------------|---------------|---------------|
| Max.  | 74 °F       | Dir.<br>NE          | Temp.<br>66             | B INOC                 |               |               |
| Min.  | 54<br>58 °F | Vel.<br>3 m.p.h.    | Read.<br>28.94          |                        |               |               |
| Set   | 60 °F       | Char.<br>GUSTY      | Corr.<br>28.83          |                        |               |               |
| R. H. | 78 %        | 24 hr. Mov.<br>MSSG | Sea L.<br>30.17         | 0700<br>Clds.<br>10/10 | 1300<br>Clds. | 1900<br>Clds. |
| Ppn.  | - in.       | Prev. Dir.<br>NE    | 3 hr. Tend.<br>+1.1mb ✓ | Wx                     | Wx            | Wx            |
| Ppn.  | - in.       | Snow Depth<br>- in. | Observer<br>RLS         | Vis.<br>20             | Vis.          | Vis.<br>60    |



Wednesday 7 July 1962 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        |          | Barom.      | General Obs.       |       |          |       |    |
|-------|-------|-------------|----------|-------------|--------------------|-------|----------|-------|----|
| Max.  | 84 °F | Dir.        | SW       | Temp.       | HAZY<br>VSBY LWR W |       |          |       |    |
|       |       |             |          | 69          |                    |       |          |       |    |
| Min.  | 62 °F | Vel.        | 2 m.p.h. | Read.       |                    |       |          | 28.91 |    |
| Set   | 66 °F | Char.       | CALM     | Corr.       | 28.80              | 0700  | 1300     | 1900  |    |
| R. H. | 88 %  | 24 hr. Mov. | MSG      | Sea L.      | 30.11              | Clds. | 8/10     | Clds. |    |
| Ppn.  | - in. | Prev. Dir.  | S(est)   | 3 hr. Tend. | +0.0               | Wx    | -        | Wx    |    |
| Ppn.  | - in. | Snow Depth  | - in.    | Observer    | SBL                | Vis.  | 35 miles | Vis.  | 67 |

Thu. July 8, 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp.              |  | Wind                   | Barom.                 | General Obs.        |       |            |
|--------------------|--|------------------------|------------------------|---------------------|-------|------------|
| Max.<br>88 °F      |  | Dir.<br>W              | Temp.<br>70            | OVERNIGHT LOW ~70°F |       |            |
| Min.<br>66 °F      |  | Vel.<br>6 m.p.h.       | Read.<br>28.92         |                     |       |            |
| Set<br>71 °F       |  | Char.<br>-             | Corr.<br>28.81         |                     |       |            |
|                    |  |                        |                        | 0700                | 1300  | 1900       |
| R. H.<br>85 %      |  | 24 hr. Mov.<br>MISSING | Sea L.<br>30.12        | Clds.<br>10/10 SE   | Clds. | Clds.      |
| Ppn. Liq.<br>- in. |  | Prev. Dir.<br>MISSING  | 3 hr. Tend.<br>+1.0mb/ | Wx<br>HAZE          | Wx    | Wx         |
| Ppn. Sol.<br>- in. |  | Snow Depth<br>- in.    | Observer<br>FJG        | Vis.<br>5mi         | Vis.  | Vis.<br>72 |





SAT. JULY 10 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp.     |       | Wind                   | Barom.                  | General Obs.  |               |               |
|-----------|-------|------------------------|-------------------------|---|---------------|---------------|
| Max.      | 86 °F | Dir.<br>NE             | Temp.<br>68             | HAZY<br>HOT AIR BALLOONS <sup>4</sup> (4) N-W<br>MOVG S |               |               |
| Min.      | 59 °F | Vel.<br>2 m.p.h.       | Read.<br>28.91          |   |               |               |
| Set       | 64 °F | Char.<br>-             | Corr.<br>28.80          |   |               |               |
| R. H.     | 84 %  | 24 hr. Mov.<br>MISSING | Sea L.<br>30.12         | 0700<br>Clds.<br>0/10                                   | 1300<br>Clds. | 1900<br>Clds. |
| Ppn. Liq. | - in. | Prev. Dir.<br>MISSING  | 3 hr. Tend.<br>+0.5 in. | Wx<br>-   | Wx            | Wx            |
| Ppn. Sol. | - in. | Snow Depth<br>- in.    | Observer<br>SM          | Vis.<br>7 miles   | Vis.          | Vis.<br>65    |

SAM. JULY 11, 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        |          | Barom.      |        | General Obs.                               |       |       |
|-------|-------|-------------|----------|-------------|--------|--|-------|-------|
| Max.  | 87 °F | Dir.        | S        | Temp.       | 69     | OVERNIGHT LOW ~70°F<br>BRIGHT SPOTS IN OVC |       |       |
| Min.  | 64 °F | Vel.        | 7 m.p.h. | Read.       | 28.79  |  |       |       |
| Set   | 71 °F | Char.       | -        | Corr.       | 28.68  |  |       |       |
| R. H. | 82 %  | 24 hr. Mov. | MISSING  | Sea L.      | 29.98  | 0700                                       | 1300  | 1900  |
| Ppn.  | - in. | Prev. Dir.  | MISSING  | 3 hr. Tend. | +0.0 ~ | Clds.                                      | Clds. | Clds. |
| Ppn.  | - in. | Snow Depth  | - in.    | Observer    | FJG    | Wx   | Wx    | Wx    |
|       |       |             |          | Observer    | FJG    | Wx   | HAZE  | Wx    |
|       |       |             |          | Observer    | FJG    | Vis.                                       | 4 mi  | Vis.  |
|       |       |             |          | Observer    | FJG    | Vis.                                       |       | 73    |

MONDAY 12 July 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp.     |         | Wind                | Barom.                 | General Obs.   |               |               |
|-----------|---------|---------------------|------------------------|--|---------------|---------------|
| Max.      | 79 °F   | Dir.<br>W           | Temp.<br>69            | Tornado in Philipsburg<br>1630 LT 11th. House under<br>construction destroyed; level 2<br>hook echo sighted by Dr. Forbes<br>on PSU road.<br>TCU North |               |               |
| Min.      | 65 °F   | Vel.<br>11 m.p.h.   | Read.<br>28.82         |  |               |               |
| Set       | 68 °F   | Char.<br>—          | Corr.<br>28.70         |  |               |               |
| R. H.     | 87 %    | 24 hr. Mov.<br>MSSG | Sea L.<br>30.01        | 0700<br>Clds.<br>1/10  | 1300<br>Clds. | 1900<br>Clds. |
| Ppn. Liq. | .15 in. | Prev. Dir.<br>SOUTH | 3 hr. Tend.<br>+2.5mb/ | Wx   | Wx            | Wx            |
| Ppn. Sol. | — in.   | Snow Depth<br>— in. | Observer<br>RLS        | Vis.<br>10 mi  | Vis.          | Vis.<br>69    |

TUESDAY July 13, 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        |          | Barom.      |         | General Obs. |       |       |
|-------|-------|-------------|----------|-------------|---------|--------------|-------|-------|
| Max.  | 82°F  | Dir.        | SW       | Temp.       | 70      |              |       |       |
| Min.  | 59°F  | Vel.        | 4 m.p.h. | Read.       | 28.97   |              |       |       |
| Set   | 64°F  | Char.       | -        | Corr.       | 28.85   |              |       |       |
| R. H. | 72 %  | 24 hr. Mov. | MISSING  | Sea L.      | 30.17   | 0700         | 1300  | 1900  |
| Ppn.  | - in. | Prev. Dir.  | NW       | 3 hr. Tend. | +1.1mb/ | Clds.        | %     | Clds. |
| Ppn.  | - in. | Snow Depth  | - in.    | Observer    | RLS     | Wx           |       | Wx    |
|       |       |             |          | Observer    | RLS     | Wx           |       | Wx    |
|       |       |             |          | Observer    | RLS     | Vis.         | 12 mi | Vis.  |
|       |       |             |          | Observer    | RLS     | Vis.         |       | Vis.  |
|       |       |             |          | Observer    | RLS     | Vis.         |       | 62    |

Wed. July 14, 1982 0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

| Temp. |       | Wind                | Barom.              | General Obs.  |       |         |
|-------|-------|---------------------|---------------------|---------------|-------|---------|
| Max.  | 87 °F | Dir. NE             | Temp. 69            |               |       |         |
| Min.  | 62 °F | Vel. 3 m.p.h.       | Read. 29.01         |               |       |         |
| Set   | 66 °F | Char. -             | Corr. 28.90         | 0700          | 1300  | 1900    |
| R. H. | 81 %  | 24 hr. Mov. MISSING | Sea L. 30.21        | Clds. 8/10 Cs | Clds. | Clds.   |
| Ppn.  | - in. | Prev. Dir. MISSING  | 3 hr. Tend. +1.1mb/ | Wx HAZE       | Wx    | Wx      |
| Ppn.  | - in. | Snow Depth - in.    | Observer FJG        | Vis. 6 mi     | Vis.  | Vis. 67 |

Thu. July 15, 1982 700 EST

Meteorological Observatory  
University Park, Pa.

| Temp.  |               | Wind                | Barom.              | General Obs.        |       |         |
|--------|---------------|---------------------|---------------------|---------------------|-------|---------|
| Max.   | 87 °F         | Dir. —              | Temp. 70            |                     |       |         |
| Min.   | 65 °F         | Vel. —<br>m.p.h.    | Read. 29.02         |                     |       |         |
| Set    | 66 °F         | Char. CALM          | Corr. 28.91         | 0700                | 1300  | 1900    |
| R. H.  | 79 %          | 24 hr. Mov. MISSING | Sea L. 30.23        | Clds. Li<br>2/10 Cu | Clds. | Clds.   |
| Ppn. — | Liq. —<br>in. | Prev. Dir. MISSING  | 3 hr. Tend. +1.2mb/ | Wx HAZE             | Wx    | Wx      |
| Ppn. — | Sol. —<br>in. | Snow Depth —<br>in. | Observer FJG        | Vis. 4mi            | Vis.  | Vis. 67 |

FRI. July 16, 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        |          | Barom.      | General Obs. |       |       |
|-------|-------|-------------|----------|-------------|--------------|-------|-------|
| Max.  | 89 °F | Dir.        | EAST     | Temp.       | 70           |       |       |
| Min.  | 65 °F | Vel.        | 2 m.p.h. | Read.       | 29.02        |       |       |
| Set   | 69 °F | Char.       | —        | Corr.       | 28.90        |       |       |
| R. H. | 81 %  | 24 hr. Mov. | MISSING  | Sea L.      | 0700         | 1300  | 1900  |
| Ppn.  | — in. | Prev. Dir.  | SOUTH    | 3 hr. Tend. | Clds.        | Clds. | Clds. |
| Ppn.  | — in. | Snow Depth  | — in.    | Observer    | 4/10 CA      |       |       |
|       |       |             |          |             | Wx           | Wx    | Wx    |
|       |       |             |          |             | THICK HAZE   |       |       |
|       |       |             |          |             | Vis.         | Vis.  | Vis.  |
|       |       |             |          |             | 2 1/2 mi     |       | 73    |



SAT. JUN 17, 1950 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        |            | Barom.      |            | General Obs. |       |       |
|-------|-------|-------------|------------|-------------|------------|--------------|-------|-------|
| Max.  | 89 °F | Dir.        | -          | Temp.       | 70         |              |       |       |
| Min.  | 68 °F | Vel.        | - m.p.h.   | Read.       | 29.76      |              |       |       |
| Set   | 70 °F | Char.       | CALM       | Corr.       | 2.01       | 0700         | 1300  | 1900  |
| R. H. | 85 %  | 24 hr. Mov. | INCREASING | Sea L.      | 39.15      | Clds.        | Clds. | Clds. |
| Ppn.  | - in. | Prev. Dir.  | SOUTH      | 3 hr. Tend. | +0.8 in. b | Wx           | Wx    | Wx    |
| Ppn.  | - in. | Snow Depth  | - in.      | Observer    | ALS        | Vis.         | Vis.  | Vis.  |
|       |       |             |            |             |            | 5 mi         |       | 72    |

Sun 18 July 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |      |  | Wind        |        | Barom.      | General Obs.     |       |       |
|-------|------|--|-------------|--------|-------------|------------------|-------|-------|
| Max.  |      |  | Dir.        |        | Temp.       | overnight low 71 |       |       |
| 90    | °F   |  | —           |        | 70          |                  |       |       |
| Min.  |      |  | Vel.        |        | Read.       |                  |       |       |
| 70    | °F   |  | —           | m.p.h. | 28.80       |                  |       |       |
| Set   |      |  | Char.       |        | Corr.       |                  |       |       |
| 73    | °F   |  | CALM        |        | 28.69       | 0700             | 1300  | 1900  |
| R. H. |      |  | 24 hr. Mov. |        | Sea L.      | Clds.            | Clds. | Clds. |
| 90    | %    |  | MISSING     |        | 29.99       | 3/10             |       |       |
| Ppn.  | Liq. |  | Prev. Dir.  |        | 3 hr. Tend. | Wx               | Wx    | Wx    |
| —     | in.  |  | MISSING     |        | 10.0        | HAZE/FOG         |       |       |
| Ppn.  | Sol. |  | Snow Depth  |        | Observer    | Vis.             | Vis.  | Vis.  |
| —     | in.  |  | — in.       |        | S&L         | 4 miles          |       | 74°   |

Monday 10 July 1932. 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp.     |          | Wind                   | Barom.                | General Obs.   |               |               |
|-----------|----------|------------------------|-----------------------|--|---------------|---------------|
| Max.      | 89 °F    | Dir.<br>WSW            | Temp.<br>71           | Alto-cu<br>Numerous rolls of thunder early<br>aftn (18th) TB 1145 LT |               |               |
| Min.      | 69 °F    | Vel.<br>10<br>m.p.h.   | Read.<br>28.69        |  |               |               |
| Set       | 72 °F    | Char.<br>-             | Corr.<br>28.57        |  |               |               |
| R. H.     | 80 %     | 24 hr. Mov.<br>MISSING | Sea L.<br>29.86       | 0700<br>Clds.<br>9/10  | 1300<br>Clds. | 1900<br>Clds. |
| Ppn. Liq. | 0:04 in. | Prev. Dir.<br>MISSING  | 3 hr. Tend.<br>+0.5mb | Wx<br>Haze   | Wx            | Wx            |
| Ppn. Sol. | - in.    | Snow Depth<br>- in.    | Observer<br>SBL       | Vis.<br>6 miles  | Vis.          | Vis.<br>74    |

TUESDAY 20 July 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |          | Wind                | Barom.             | General Obs.                                     |       |         |
|-------|----------|---------------------|--------------------|--|-------|---------|
| Max.  | 86 °F    | Dir. —              | Temp. 72           | TRW - 2230 LT 19 <sup>th</sup>                   |       |         |
| Min.  | 67 °F    | Vel. — m.p.h.       | Read. 28.72        | Occasional TRW + 0200 - 0330 LT 20 <sup>th</sup> |       |         |
| Set   | 70 °F    | Char. CALM          | Corr. 28.69        | Stroben and Alton                                |       |         |
| R. H. | 86 %     | 24 hr. Mov. MISSING | Sea L. 29.99       | Clds. 7/10                                       | Clds. | Clds.   |
| Ppn.  | 1.60 in. | Prev. Dir. SW       | 3 hr. Tend. +0.5mb | Wx FOG & HAZE                                    | Wx    | Wx      |
| Ppn.  | — in.    | Snow Depth — in.    | Observer RLS       | Vis. 2 1/2 mi                                    | Vis.  | Vis. 70 |

Wednesday 21 July 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        | Barom.      | General Obs.                                |       |       |
|-------|-------|-------------|-------------|---|-------|-------|
| Max.  | 81 °F | Dir.        | 68          | FOG AT BASE OF MT. NITTANY<br>CRISP & CLEAN |       |       |
| Min.  | 52 °F | Vel.        | 28.86       |   |       |       |
| Set   | 58 °F | Char.       | 28.75       |   |       |       |
| R. H. | 70 %  | 24 hr. Mov. | Sea L.      | 0700  | 1300  | 1900  |
| Ppn.  | Liq.  | Prev. Dir.  | 3 hr. Tend. | Clds.                                       | Clds. | Clds. |
|       | T in. | MISSING     | 42.0mb      | 0/10  |       |       |
| Ppn.  | Sol.  | Snow Depth  | Observer    | Wx  | Wx    | Wx    |
|       | - in. | - in.       | SK          | -   |       |       |
|       |       |             |             | Vis.  | Vis.  | Vis.  |
|       |       |             |             | 35mi  |       | 60    |

Tue. July 22, 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |               | Wind                | Barom.               | General Obs. |       |          |
|-------|---------------|---------------------|----------------------|--------------|-------|----------|
| Max.  | 83 °F         | Dir. -              | Temp. 68°            |              |       |          |
| Min.  | 55 °F         | Vel. -<br>m.p.h.    | Read. 28.87          |              |       |          |
| Set   | 59 °F         | Char. CALM          | Corr. 28.76          | 0700         | 1300  | 1900     |
| R. H. | 89 %          | 24 hr. Mov. MISSING | Sea L. 30.09         | Clds. 2/10 w | Clds. | Clds.    |
| Ppn.  | Liq. -<br>in. | Prev. Dir. MISSING  | 3 hr. Tend. 10.0mb - | Wx -         | Wx    | Wx       |
| Ppn.  | Sol. -<br>in. | Snow Depth -<br>in. | Observer FJG         | Vis. 25 mi   | Vis.  | Vis. 61° |

Friday, July 23, 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

|       |             |                |  |        |   |       |  |
|-------|-------------|----------------|--|--------|---|-------|--|
| Temp. |             | Wind           |  | Barom. | VSBY HIGHER (35mils) E<br>FOG + HAZE ALONG TUSSEY<br>OVERNIGHT LOW 2.61 |       |  |
| Max.  | Dir.        | Temp.          |  |        |   |       |  |
| 87 °F | -           | 69             |  |        |   |       |  |
| Min.  | Vel.        | Read.          |  |        |   |       |  |
| 59 °F | - m.p.h.    | 28.77          |  |        |   |       |  |
| Set   | Char.       | Corr.          |  |        |   |       |  |
| 67 °F | CALM        | 28.66          |  | 0700   | 1300  | 1900  |  |
| R. H. | 24 hr. Mov. | Sea L.         |  | Clds.  | Clds.   | Clds. |  |
| 73 %  | MISSING     | 29.96          |  | 10/10  |   |       |  |
| Ppn.  | Liq.        | 3 hr. Tend.    |  | Wx     | Wx  | Wx    |  |
| -     | in.         | MISSING +0.3mb |  | -      |   |       |  |
| Ppn.  | Sol.        | Snow Depth     |  | Vis.   | Vis.  | Vis.  |  |
| -     | in.         | - in.          |  | 17mi   |   | 67    |  |
|       |             | Observer       |  |        |   |       |  |
|       |             | SA             |  |        |   |       |  |

Saturday July 24 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

| Temp. |       | Wind                   | Barom.                 | General Obs.     |       |             |
|-------|-------|------------------------|------------------------|------------------|-------|-------------|
| Max.  | 84 °F | Dir.<br>NE             | Temp.<br>67            | Few Ci's         |       |             |
| Min.  | 56 °F | Vel.<br>4 m.p.h.       | Read.<br>28.90         |                  |       |             |
| Set   | 60 °F | Char.<br>-             | Corr.<br>28.79         | 0700             | 1300  | 1900        |
| R. H. | 65 %  | 24 hr. Mov.<br>MISSING | Sea L.<br>30.12        | Clds.<br>0/10    | Clds. | Clds.       |
| Ppn.  | - in. | Prev. Dir.<br>MISSING  | 3 hr. Tend.<br>+0.5abt | Wx<br>-          | Wx    | Wx          |
| Ppn.  | - in. | Snow Depth<br>-        | Observer<br>SLL        | Vis.<br>35 miles | Vis.  | Vis.<br>62' |



Sun. July 25, 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp.     |       | Wind                | Barom.              | General Obs.                           |            |            |
|-----------|-------|---------------------|---------------------|--|------------|------------|
| Max.      | 83 °F | Dir. SW             | Temp. 68            | THIN CIRRUS<br>PIED HOT AIR BALLOON SW |            |            |
| Min.      | 54 °F | Vel. 2 m.p.h.       | Read. 28.97         |  |            |            |
| Set       | 59 °F | Char. -             | Corr. 28.86         |  |            |            |
| R. H.     | 70 %  | 24 hr. Mov. MISSING | Sea L. 30.20        | 0700 Clds. 5/10                        | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | - in. | Prev. Dir. MISSING  | 3 hr. Tend. +0.0mb- | Wx -                                   | Wx         | Wx         |
| Ppn. Sol. | - in. | Snow Depth - in.    | Observer FJG        | Vis. 25 mi                             | Vis.       | Vis. 61    |

Monday, July 26, 1982 00 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        |          | Barom.      | General Obs. |       |       |       |    |
|-------|-------|-------------|----------|-------------|--------------|-------|-------|-------|----|
| Max.  | 88 °F | Dir.        | W'SW     | Temp.       | Alto cu      |       |       |       |    |
| Min.  | 60 °F | Vel.        | 8 m.p.h. | 69 °F       |              |       |       |       |    |
| Set   | 69 °F | Char.       | -        | Read.       |              |       |       | 28.91 |    |
|       |       |             |          | Corr.       | 28.79        | 0700  | 1300  | 1900  |    |
| R. H. | 64 %  | 24 hr. Mov. | MISSING  | Sea L.      | 30.10        | Clds. | 7/10  | Clds. |    |
| Ppn.  | - in. | Prev. Dir.  | MISSING  | 3 hr. Tend. | MISSING      | Wx    | HAZE  | Wx    |    |
| Ppn.  | - in. | Snow Depth  | - in.    | Observer    | RLS          | Vis.  | 10 mi | Vis.  | 71 |

TUESDAY, 27 July 1982 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |         | Wind        |             | Barom. | General Obs.   |       |       |       |
|-------|---------|-------------|-------------|--------|--|-------|-------|-------|
| Max.  | 86 °F   | Dir.        | -           | Temp.  | <b>Altoco North</b><br><b>BRIEF RW - 4:19 Afternoon</b><br><b>on 26<sup>th</sup></b> |       |       |       |
| Min.  | 64 °F   | Vel.        | - m.p.h.    | Read.  |  |       |       | 28.95 |
| Set   | 66 °F   | Char.       | CALM        | Corr.  |  |       |       | 28.83 |
| R. H. | 73 %    | 24 hr. Mov. | MISSING     | Sea L. | 30.15  | 0700  | 1300  | 1900  |
| Ppn.  | Liq.    | Prev. Dir.  | 3 hr. Tend. | Clds.  | 1/10   | Clds. | Clds. |       |
|       | .01 in. | NORTH       | +1.4mb      | Wx     | Some haze  | Wx    | Wx    |       |
| Ppn.  | Sol.    | Snow Depth  | Observer    | Vis.   | 15   | Vis.  | Vis.  |       |
|       | - in.   | - in.       | RLS         |        |  |       | 69    |       |

Wednesday 28 July 1982 00 EST

Meteorological Observatory  
University Park, Pa.

| Temp.                 |                        | Wind                    | Barom.   | General Obs. |            |  |
|-----------------------|------------------------|-------------------------|--|--------------|------------|--|
| Max.<br>80 °F         | Dir.<br>SW             | Temp.<br>70             | MT NITANY BARELY VISIBLE<br>OCNL SHOWER LATE AFT (270)<br>OCNL TRU- AND RU- (OCNL MOD<br>TO HVY) FROM 11PM (270)<br>THROUGH 7 <sup>30</sup> AM (28 <sup>15</sup> ) |              |            |  |
| Min.<br>66 °F         | Vel.<br>6<br>m.p.h.    | Read.<br>28.59          |  |              |            |  |
| Set<br>67 °F          | Char.<br>-             | Corr.<br>28.48          |  |              |            |  |
| R. H.<br>90 %         | 24 hr. Mov.<br>MISSING | Sea L.<br>29.78         | Clds.<br>10/10   | Clds.        | Clds.      |  |
| Ppn. Liq.<br>0.97 in. | Prev. Dir.<br>MISSING  | 3 hr. Tend.<br>-1.0mb 7 | Wx<br>FOG  | Wx           | Wx         |  |
| Ppn. Sol.<br>- in.    | Snow Depth<br>- in.    | Observer<br>SS          | Vis.<br>3 miles  | Vis.         | Vis.<br>69 |  |

Thurs. 29 July 1952 0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp.     |         | Wind        |          | Barom.      |         | General Obs.  |       |      |
|-----------|---------|-------------|----------|-------------|---------|---|-------|------|
| Max.      | 78 °F   | Dir.        | W        | Temp.       | 68 F    | Cirrus Disturb<br>Few Cu<br>Brief RW 1/2 in. 25 <sup>th</sup> |       |      |
| Min.      | 52 °F   | Vel.        | 7 m.p.h. | Read.       | 28.88   |   |       |      |
| Set       | 61 °F   | Char.       | —        | Corr.       | 28.77   |   |       |      |
|           |         |             |          |             |         | 0700  | 1300  | 1900 |
| R. H.     | 69 %    | 24 hr. Mov. | MISSING  | Sea L.      | 30.10   | Clds.   | %     |      |
| Ppn. Liq. | .04 in. | Prev. Dir.  | MISSING  | 3 hr. Tend. | +2.1mb/ | Wx  | —     |      |
| Ppn. Sol. | — in.   | Snow Depth  | — in.    | Observer    | RLS     | Vis.  | 25 mi | 63   |



SAT. JULY 31, 1982

0700 EST

Meteorological Observatory  
University Park, Pa.

| Temp. |       | Wind        |          | Barom.      |        | General Obs.   |       |       |
|-------|-------|-------------|----------|-------------|--------|--|-------|-------|
| Max.  | 72 °F | Dir.        | W        | Temp.       | 67 °F  | Few CU on ridges<br>Ridges obscured by fog<br>Mt. Nittany barely visible |       |       |
| Min.  | 57 °F | Vel.        | 4 m.p.h. | Read.       | 28.82  |  |       |       |
| Set   | 63 °F | Char.       | —        | Corr.       | 28.71  |  |       |       |
| R. H. | 87 %  | 24 hr. Mov. | MISSING  | Sea L.      | 30.03  | 0700   | 1300  | 1900  |
| Ppn.  | — in. | Prev. Dir.  | SOUTH    | 3 hr. Tend. | +0.1mb | Clds.  | Clds. | Clds. |
| Ppn.  | — in. | Snow Depth  | — in.    | Observer    | RLS    | Wx   | Wx    | Wx    |
|       |       |             |          |             |        | Wx   | Wx    | Wx    |
|       |       |             |          |             |        | Vis.   | Vis.  | Vis.  |
|       |       |             |          |             |        | 3 1/2 mi   |       | 65    |