

Feb. FEBRUARY 1, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|---------------------|----------------------|---------------------------|---------------|---------------|
| Max. | 32 °F | Dir. E | Temp. 72 | | | |
| Min. | 25 °F | Vel. 2 m.p.h. | Read. 28.73 | | | |
| Set | 30 °F | Char. - | Corr. 28.60 | | | |
| R. H. | 90 % | 24 hr. Mov. 45m | Sea L. 30 01 | 0700 Clds. 19/10 SE | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | 0.08 in. | Prev. Dir. S | 3 hr. Tend. +0.31 | Wx LIGHT FOG SNOW | Wx | Wx |
| Ppn. Sol. | 1.0 in. | Snow Depth 4 in. | Observer LMG | Vis. 1/2 mi | Vis. | Vis. |

$$DD = 36$$

$$P = .08, \quad \Sigma P = .08$$

$$T = 30$$

$$T_0 = 27$$

SAT. FEBRUARY 2, 1985

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-----------|---------|-------------|-------------|-------------|-------|---|-------|-------|
| Max. | 31°F | Dir. | N | Temp. | 76 | ~5.2" OF SNOW FROM 0000 LT (1ST) - 0000 LT (2ND) ~1.1" OF SNOW OVERNIGHT (2ND) | | |
| Min. | 22°F | Vel. | 7 m.p.h. | Read. | 28.86 | | | |
| Set | 22°F | Char. | - | Corr. | 28.72 | | | |
| R. H. | 84% | 24 hr. Mov. | 62mc | Sea L. | 30.15 | 0700 | 1300 | 1900 |
| | | | | | | Clds. | Clds. | Clds. |
| Ppn. Liq. | .58 in. | Prev. Dir. | N | 3 hr. Tend. | rmb | Obscured | Wx | Wx |
| | | | | | | LT SNOW FOG | | |
| Ppn. Sol. | 5.8 in. | Snow Depth | 10 in. | Observer | MZ | Vis. | Vis. | Vis. |
| | | | | | | 1/2 mi | | |

$$DD = 40$$

$$P = .58$$

$$T = 23$$

$$Td = 18$$

$$Zp = .66$$

$$DD = 38$$

Sun. February 3, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|-------------------|------------------|--------------------------------------|-------|-------|
| Max. | 27 °F | Dir. NW | Temp. 74 | JE ~ 6 PM (2ND) 9.5" | | |
| Min. | 8 °F | Vel. 9 m.p.h. | Read. 29.13 | SNOW TOTAL THUR-SAT = 1.4 | | |
| Set | 9 °F | Char. - | Corr. 29.00 | THURS A.M. = 1.4" | | |
| | | | | FRI - 5.2" | | |
| | | | | SAT - 2.9" | | |
| | | | | 0700 | 1300 | 1900 |
| R. H. | 79 % | 24 hr. Mov. 82MU | Sea L. 30.51 | Clds. 0/10 | Clds. | Clds. |
| Ppn. Liq. | 0.15 in. | Prev. Dir. N | 3 hr. Tend. +3.9 | Wx - | Wx | Wx |
| Ppn. Sol. | 1.8 in. | Snow Depth 10 in. | Observer RMS | Vis. 35MU | Vis. | Vis. |

$$EP = .81''$$

$$DD = 47^\circ$$

$$EDD = 87^\circ$$

~~25589~~

MONDAY, FEBRUARY 4, 1995 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|------|-------------|----------------|-------------|---------|--------------|-------|-------|
| Max. | 20°F | Dir. | — | Temp. | 78°F | | | |
| Min. | -1°F | Vel. | CALM m.p.h. | Read. | 29.30 | | | |
| Set | -1°F | Char. | Gentle | Corr. | 29.16 | | | |
| R. H. | 81% | 24 hr. Mov. | 91.2 MI | Sea L. | 30.70 | 0700 | 1300 | 1900 |
| Ppn. | — | Prev. Dir. | WSW | 3 hr. Tend. | +0.3 mb | Clds. | Clds. | Clds. |
| Liq. | — | Snow Depth | 9 in. | Observer | JEL | Wx | Wx | Wx |
| Sol. | — | Observer | JEL | Vis. | 40 MI | Wx | Wx | Wx |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |

$$\bar{T} = 10$$

$$T_{\text{OFF}} = 0$$

$$T_{\text{ON}} = 0$$

$$K_{\text{ON}} = 55$$

$$\Sigma P_{\text{ON}} = 142^{\circ}$$

$$\Sigma P_{\text{OFF}} = .81$$

$$T_{\text{MAX}} = 60.1962$$

$$T_{\text{MIN}} = -13.1918$$

$$\bar{T} = 34.2027$$

Tues, Feb. 5, 1985

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|----------|-------------|-------------|-------------|---------|--|-------|-------|
| Max. | 25 °F | Dir. | — | Temp. | 74 | PRESSURE FALLING RAPIDLY LIGHT GROUND FOG SKY PARTLY OBSCURED OVERNT LOW ~ 6 °F | | |
| Min. | -2 °F | Vel. | — m.p.h. | Read. | 29.03" | | | |
| Set | 10 °F | Char. | CALM | Corr. | 28.90" | | | |
| R. H. | 78 % | 24 hr. Mov. | 47.7mi | Sea L. | 30.39" | 0700 | 1300 | 1900 |
| Ppn. | — in. | Prev. Dir. | S | 3 hr. Tend. | -1.5 mb | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | 7 in. | Observer | BK | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 2 mi | | |

RAMOS 12/5

DD=53

$\Sigma DD = 195$

$\Sigma P = .81''$

Rec. Hi - 59, 1938

Rec Lo - 73, 1918

WEDNESDAY, FEBRUARY 6, 1935

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|-----------------------|------------------------|---|---------------|---------------|
| Max. | 25 °F | Dir. WSW | Temp. 76°F | S-ocnl S 1800LT-1915LT 5th HAZE, SMOKE, FOG at OBS TIME. | | |
| Min. | 10 °F | Vel. 5 m.p.h. | Read. 28.55 | | | |
| Set | 22 °F | Char. Gentle | Corr. 28.41 | | | |
| R. H. | 88 % | 24 hr. Mov. 723 MI | Sea L. 29.83 | 0700 Clds. 10/10 Sc | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | 0.06 in. | Prev. Dir. S | 3 hr. Tend. +0.4 mb | Wx Cloudy | Wx | Wx |
| Ppn. Sol. | 0.5 in. | Snow Depth 7 in. | Observer JEL | Vis. 5 MI | Vis. | Vis. 22 |

$$\bar{T} = 18$$

$$T_{\text{roof}} = 22$$

$$T_{\text{door}} = 18$$

$$H_{\text{DD}} = 47$$

$$\sum H_{\text{DD}} = 242$$

$$\sum PCW = 0.87$$

$$T_{\text{max}} = 58/1904$$

$$T_{\text{min}} = -6/1935$$

$$T_{\text{avg}} = 35/1927$$

Thurs. Feb. 7, 1985

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|-----------|-------------|---------|--------------|--------------|-------|
| Max. | 31 °F | Dir. | WSW | Temp. | 72 | | | |
| Min. | 17 °F | Vel. | 10 m.p.h. | Read. | 28.82 | | | |
| Set | 17 °F | Char. | - | Corr. | 28.69 | | | |
| R. H. | 67 % | 24 hr. Mov. | 162m | Sea L. | 30.14 | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | W | 3 hr. Tend. | +1.0mb' | Clds. | Clds. | Clds. |
| Ppn. | T in. | Snow Depth | 7 in. | Observer | FJG | 10/5/10 | VERY LT SNOW | |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 4.0mi | | |

$$\bar{T} = 24$$

$$DD = 41$$

$$\Sigma DD = 283$$

$$\Sigma P = .87''$$

2/8/85

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------------|------------|--|-------------|-------|--------------|------|------|
| Max. | Dir. | Temp. | | GUSTS TO 25 | | | | |
| 19 °F | W | 72 | | | | | | |
| Min. | Vel. | Read. | | | | | | |
| 6 °F | 20 m.p.h. | 28.83 | | | | | | |
| Set | Char. | Corr. | | | | | | |
| 6 °F | — | 28.70 | | | | | | |
| R. H. | 24 hr. Mov. | Sea L. | | 0700 | 1300 | 1900 | | |
| 68 % | 276.2 | 30.21 | | Clds. | Clds. | Clds. | | |
| | | | | 7/10 stcu | | | | |
| Ppn. | Liq. | Prev. Dir. | | 3 hr. Tend. | | Wx | Wx | Wx |
| T in. | W | STEADY | | | | | | |
| Ppn. | Sol. | Snow Depth | | Observer | | Vis. | Vis. | Vis. |
| T in. | 7 in. | LMG | | 15 mi | | | | |

$$T_0 = -6 \quad \bar{T} = 13^\circ$$

$$T = 6$$

$$\begin{array}{r} 28.70 \\ 1.51 \\ \hline 30.21 \end{array}$$

$$P = T$$

$$\Sigma P = .87$$

$$DD = 52$$

$$\Sigma DD = 52 + 283 = 335$$

Sat. February 9, 1985 700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|-------------|-------------|---------------------------------------|-------|-------|
| Max. | 14 °F | Dir. | WNW | Temp. | OCNB WINDS OVNT LOW ~12 | | |
| Min. | 6 °F | Vel. | 17 m.p.h. | Read. | | | |
| Set | 13 °F | Char. | GUSTS TO 27 | Corr. | | | |
| R. H. | 72 % | 24 hr. Mov. | 340 mi | Sea L. | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | W | 3 hr. Tend. | Clds. | Clds. | Clds. |
| Ppn. | T in. | Snow Depth | 6 in. | Observer | 10/10 S/G | | |
| | | | | | Wx | Wx | Wx |
| | | | | | + | | |
| | | | | | Vis. | Vis. | Vis. |
| | | | | | 20 mi | | |

$$\bar{T} = 10$$

$$DD = 55$$

$$\Sigma P = .87$$

$$\Sigma DD = 390$$

Sunday Feb 10, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------------|-------|-------|
| Max. | 21 °F | Dir. | W | Temp. | 72 | | |
| Min. | 13 °F | Vel. | 9 m.p.h. | Read. | 29.10 | | |
| Set | 16 °F | Char. | - | Corr. | 28.97 | | |
| R. H. | 81 % | 24 hr. Mov. | 208 | Sea L. | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | SW | 3 hr. Tend. | Clds. | Clds. | Clds. |
| Ppn. | T in. | Snow Depth | 5 in. | Observer | Wx | Wx | Wx |
| | | | | | Vis. | Vis. | Vis. |
| | | | | | 15 mi. | | |

Ramos

$$T = 15$$

$$T_d = 9$$

$$\bar{T} = 17$$

$$DD = 48$$

$$E_{DD} = 438$$

$$EP = .87$$

MONDAY, FEBRUARY 11, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|------------------------|------------------------|---------------------------|---------------|---------------|
| Max. | 34 °F | Dir. E | Temp. 72°F | | | |
| Min. | 16 °F | Vel. 6 m.p.h. | Read. 29.03 | | | |
| Set | 22 °F | Char. LIGHT/VAR. | Corr. 28.90 | | | |
| R. H. | 78% % | 24 hr. Mov. 46.7 MI | Sea L. 20.35 | 0700 Clds. 10/10 AS | 1300 Clds. | 1900 Clds. |
| Ppn. | T in. | Prev. Dir. W | 3 hr. Tend. 100 mb. | Wx cloudy | Wx | Wx |
| Ppn. | T in. | Snow Depth 4 in. | Observer JEL | Vis. 25 Miles | Vis. | Vis. |

$$T = 25$$

$$T_{\text{rot}} = 23$$

$$T_{\text{drift}} = 16$$

$$H_{\text{DD}} = 40$$

$$\epsilon_{\text{HDD}} = 478$$

$$\epsilon_{\text{PCW}} = 0.87$$

$$T_{\text{mid}} = 57 \ 1940$$

$$T_{\text{mid}} = -6 \ 1917$$

RAMOS 38/36

$$\bar{T} = 30$$

$$HDD = 36$$

$$\Sigma DD = 514$$

$$\Sigma P = ~~0.95~~ 1.10''$$

WEDNESDAY, FEBRUARY 18, 1985

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-----------|----------------------|----------------------|--|---------------|---------------|
| Max. | 42 °F | Dir. SW | Temp. 72 °F | * NEW RECORD PRELIM MAX OLD RECORD: 1.21 - 1950 R - OCNL R 0700 EST - 1400 EST | | |
| Min. | 23 °F | Vel. 16 m.p.h. | Read. 28.38 | | | |
| Set | 26 °F | Char. GUSTY | Corr. 28.26 | | | |
| R. H. | 85 % | 24 hr. Mov. 218.7 | Sea L. 29.66 | 0700 Clds. no st | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | 1.22* in. | Prev. Dir. E | 3 hr. Tend. H.4mb | Wx SNOW SHOWER | Wx | Wx |
| Ppn. Sol. | 0.4 in. | Snow Depth 2" in. | Observer JEL | Vis. 7 MILES | Vis. | Vis. 26° |

$$\bar{T} = 33$$

$$T_{\text{roof}} = 26$$

$$T_{\text{roof}} = 20$$

$$H_{\text{D}} = 32$$

$$\Sigma H_{\text{D}} = 544$$

$$\Sigma P_{\text{C}} = 2.32$$

$$T_{\text{max}} = 55^{\circ} \quad 1946, 1949$$

$$T_{\text{min}} = -11 \quad 1905$$

$$T_{\text{AK}} = 36/20/28$$

Thur. February 14, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|-----------------------|------------------------|------------------------|---------------|---------------|
| Max. | 27 °F | Dir. SW | Temp. 72 | | | |
| Min. | 19 °F | Vel. 18 m.p.h. | Read. 28.61 | | | |
| Set | 20 °F | Char. STEADY | Corr. 28.47 | | | |
| R. H. | 72 % | 24 hr. Mov. 289 ml | Sea L. 29.90 | 0700 Clds. 10/10 | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | 0.01 in. | Prev. Dir. SW | 3 hr. Tend. +1.2 mb | Wx VRY LT. SNOW | Wx | Wx |
| Ppn. Sol. | 0.1 in. | Snow Depth 2 in. | Observer FJG | Vis. 5 mi | Vis. | Vis. |

$$\varepsilon_P = 2.33''$$

$$\begin{array}{r} 544 \\ 42 \\ \hline 586 \end{array}$$

$$H_{ob} = 42$$

$$\bar{T} = 23$$

$$\begin{array}{r} 65 \\ -23 \\ \hline 42 \end{array}$$

2/15/85

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|--------------------------|--------------|-------|--|
| Max. | Dir. | Temp. | 9 MILES NORTH QUAD. = | | | |
| 27 °F | SW | 72 | | | | |
| Min. | Vel. | Read. | | | | |
| 14 °F | 9 m.p.h. | 28.65 | | | | |
| Set | Char. | Corr. | | | | |
| 14 °F | — | 28.53 | | | | |
| | | | 0700 | 1300 | 1900 | |
| R. H. | 24 hr. Mov. | Sea L. | Clds. | Clds. | Clds. | |
| 84 % | 224.3 | 29.97 | 7 10 ST. | | | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| .03 in. | SW | 0 — | = | | | |
| Ppn. Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | |
| .8 in. | 2" in. | LMG | 4 MILES | | | |

$$T = 14$$

$$J_D = 9$$

$$R.H. = 8470$$

$$\bar{T} = 21$$

$$DD = 44$$

$$P = .01$$

$$\Sigma DD = 586 + 44 = 630$$

$$\Sigma PP = 2.35$$

Saturday, Feb. 16, 1985

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------------|------------|---------------------------|------------------|-------|------|
| Max. | Dir. | Temp. | Contrails with lanatus | | | |
| 20 °F | SW | 72°F | | | | |
| Min. | Vel. | Read. | | | | |
| 12 °F | 10 m.p.h. | 28.82 | Set | Char. | Corr. | |
| 13 °F | — | 28.70 | | | | |
| R. H. | 24 hr. Mov. | Sea L. | Clds. | 0700 | 1300 | 1900 |
| 70 % | 186.9 | 30.17 | 5/6 | | | |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx |
| T | in. | SW | +2mb | Partly Cloudy | | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. |
| T | in. | 12" in. | PZ | 7 miles | | |

DD 49
 $\Sigma NO = 779$

Sunday Feb 17, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | |
|-------|-------|-------------|-----------|-------------|---------------------------------|------------|-------|-------|
| Max. | 34 °F | Dir. | SW | Temp. | Hi overnight at 5AM B. INOVU | | | |
| | | | | 73 | | | | |
| Min. | 12 °F | Vel. | 17 m.p.h. | Read. | | | | 28.75 |
| Set | 33 °F | Char. | — | Corr. | 28.62 | | | |
| R. H. | 61 % | 24 hr. Mov. | 214 | Sea L. | 30.02 | 0700 | 1300 | 1900 |
| | | | | | | Clds. STCU | Clds. | Clds. |
| | | | | | | 9/10 | | |
| Ppn. | 0 in. | Prev. Dir. | SW | 3 hr. Tend. | +3.2 mb | Wx | Wx | Wx |
| | | | | | | — | | |
| Ppn. | 0 in. | Snow Depth | 1 in. | Observer | RMS | Vis. | Vis. | Vis. |
| | | | | | | 15 mi | | |

$$T = 33$$

$$T_d = 19$$

$$\bar{T} = 23$$

$$DD = 42$$

$$\Sigma DD = 721 \quad 756$$

$$\Sigma P = 2.36$$

Monday, February 18, 1965 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|---------|-------------|-----------|-------------|-----------|--------------|------|------|
| Max. | 36 °F | Dir. | SW | Temp. | 72 | FEW ci w | | |
| Min. | 22 °F | Vel. | 14 m.p.h. | Read. | 29.20 | | | |
| Set | 22 °F | Char. | M | Corr. | 29.07 | | | |
| R. H. | 63 % | 24 hr. Mov. | M | Sea L. | 30.52 | 0700 | 1300 | 1900 |
| Clds. | 9/10 | Clds. | | Clds. | | | | |
| Ppn. | T in. | Prev. Dir. | M | 3 hr. Tend. | +0.08" Hg | Wx | Wx | Wx |
| Wx | clear | Wx | | Wx | | | | |
| Ppn. | T in. | Snow Depth | 1" in. | Observer | JEL | Vis. | Vis. | Vis. |
| Vis. | 40 MI + | Vis. | | Vis. | 24 | | | |

$$\bar{T} = 29$$

$$T_{\text{root}} = 24$$

$$T_{\text{leaf}} = 18$$

$$H_{00} = 36$$

$$\sum H_{00} = 715 + ? \quad (75?)$$

$$\sum P_{N} = 236$$

$$T_{\text{max}} = 67 \quad 1981$$

$$T_{\text{min}} = 9 \quad 1979$$

$$T_{\text{AVE}} = 36/20$$

Tuesday, 19 Feb 1985

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------------------|---------------------|---------------------|--|---------------|---------------|
| Max. | 41* ^{°F} | Dir. WSW | Temp. 70°F | CLEARING CVHD BKN CU ALL QUADS OVERNT LOW ~ 36°F | | |
| Min. | 22 °F | Vel. 20 m.p.h. | Read. 28.95 | | | |
| Set | 36 °F | Char. STEADY | Corr. 28.83 | | | |
| R. H. | 58 % | 24 hr. Mov. 203 | Sea L. 30.23 | 0700 Clds. 5/10 | 1300 Clds. | 1900 Clds. |
| Ppn. | — in. | Prev. Dir. SW | 3 hr. Tend. +2mb | Wx — | Wx | Wx |
| Ppn. | — in. | Snow Depth 1 in. | Observer BK | Vis. 15mi | Vis. | Vis. |

*KRAMOS

RAMOS 37/14

$\Sigma P = 2.36''$

DD=34

$\Sigma DD = 790$

588

WEDNESDAY, FEBRUARY 20, 0700 EST 1985

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------------|-------------|----------|--------------|-------|-------|
| Max. | 37 °F | Dir. | — | Temp. | 72°F | VIRGA ALQDS | | |
| Min. | 19 °F | Vel. | CALM m.p.h. | Read. | 29.09 | | | |
| Set | 21 °F | Char. | Gusty | Corr. | 28.96 | | | |
| R. H. | 67 % | 24 hr. Mov. | 170.2 | Sea L. | 30.41 | 0700 | 1300 | 1900 |
| Ppn. | — | Prev. Dir. | W | 3 hr. Tend. | +1.3mb ✓ | Clds. | Clds. | Clds. |
| | in. | | | | | 10% As | | |
| Ppn. | — | Snow Depth | T in. | Observer | JEL | Wx | Wx | Wx |
| | in. | | | | | cloudy | | |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 40 MILES | | 21° |

$$\bar{T} = 28$$

$$T_{\text{root}} = 21$$

$$T_{\text{leaf}} = 12$$

$$V_{\text{DD}} = 37$$

$$\sum V_{\text{DD}} = 828$$

$$\sum \text{PEN} = 2.36$$

$$T_{\text{max}} = 64\ 1930$$

$$T_{\text{min}} = -2\ 1968$$

$$T_{\text{avg}} = 37/21$$

Thur. February 21, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|--------|-------------|----------|-------------|-----------|--------------|-------|-------|
| Max. | 43 °F | Dir. | E | Temp. | 72 | | | |
| Min. | 21 °F | Vel. | 2 m.p.h. | Read. | 29.25 | | | |
| Set | 24 °F | Char. | - | Corr. | 29.12 | | | |
| R. H. | 63 % | 24 hr. Mov. | 68 mi | Sea L. | 30.58 | 0700 | 1300 | 1900 |
| | | | | | | Clds. | Clds. | Clds. |
| Ppn. | - in. | Prev. Dir. | W | 3 hr. Tend. | +1.04 in. | Wx | Wx | Wx |
| Ppn. | - Sol. | Snow Depth | T in. | Observer | FJG | Vis. | Vis. | Vis. |
| | | | | | | 20 mi | | |

Clds. As
3/10 Ac

$$\Sigma P = 2.36''$$

$$DD = 33$$

$$\Sigma DD = 861$$

2/22/85

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|----------------|----------------------|-----------------------|--------------------------------------|---------------|---------------|
| Max. | 47 °F | Dir. SW | Temp. 72 |)) | | |
| Min. | 24 °F | Vel. 9 m.p.h. | Read. 28.92 | | | |
| Set | 43 °F | Char. — | Corr. 28.79 | | | |
| R. H. | 56 % | 24 hr. Mov. 129.6 | Sea L. 30.18 | 0700 Clds. 1/10 St Cu Al Cu | 1300 Clds. | 1900 Clds. |
| Ppn. | Liq. Tr in. | Prev. Dir. SW | 3 hr. Tend. +1mb ↗ | Wx)) | Wx | Wx |
| Ppn. | Sol. T in. | Snow Depth T in. | Observer LMG | Vis. 4 MILES | Vis. | Vis. |

$$\bar{T} = 36$$

$$D.D. = 29$$

$$\Sigma DD = 861 + 36 = 897$$

$$P = T$$

$$\Sigma PP = 2.36$$

$$T \text{ RAMO} = 43$$

$$R.H. = 5670$$

Sat. February 23, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|-------------|-------------|--------|-----------------|---------------|-------|
| Max. | 53 °F | Dir. | - | Temp. | 73 | SOME GROUND FOG | | |
| Min. | 42 °F | Vel. | - m.p.h. | Read. | 29.02 | | | |
| Set | 42 °F | Char. | CALM | Corr. | 28.89 | | | |
| R. H. | M % | 24 hr. Mov. | M | Sea L. | 30.28 | 0700 | 1300 | 1900 |
| | | | | | | Clds. | Clds. | Clds. |
| Ppn. | T in. | Prev. Dir. | M | 3 hr. Tend. | -0.5mb | Clds. | B/10 AC ST | |
| | | | | | | Wx | - | Wx |
| Ppn. | - in. | Snow Depth | - in. | Observer | FJG | Wx | | Wx |
| | | | | | | Vis. | 10 mi | Vis. |
| | | | | | | Vis. | | Vis. |

$$\frac{53}{42} = 48 \overline{11}$$

$$K_{100} = 17$$

$$\Sigma = 811 + 17 = 914$$

SUN Feb 24, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|------|---------------------|------------------------|---|---------------|---------------|
| Max. 69* °F | | Dir. W | Temp. 72 | Ramos Dead * New Record Hi for Date TIES Record MAX MIN | | |
| Min. * 42 °F | | Vel. 6 m.p.h. | Read. 28.69 | | | |
| Set 49 °F | | Char. - | Corr. 28.56 | | | |
| R. H. M % | | 24 hr. Mov. M | Sea L. 29.89 | 0700 Clds. 5% | 1300 Clds. | 1900 Clds. |
| Ppn. 0 in. | Liq. | Prev. Dir. M | 3 hr. Tend. -1.2 mb | Wx - | Wx | Wx |
| Ppn. - in. | Sol. | Snow Depth - in. | Observer RMS | Vis. 20 mi | Vis. | Vis. |

$$\frac{6.9}{42}$$

$$\frac{111}{111}$$

$$T = 56$$

$$H_{03} = 9$$

$$\Sigma M_{03} = 914$$

$$\frac{+9}{423}$$

∴

MONDAY, FEBRUARY 25, 1985

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|---------------------|--------------------------|---|---------------|---------------|
| Max. | 69 * °F | Dir. WNW | Temp. 74 | BINOVC * NEW RECORD MAXIMUM OLD RECORD 68 | | |
| Min. | 36 °F | Vel. 10 m.p.h. | Read. 29.02 | | | |
| Set | 36 °F | Char. — | Corr. 28.89 | | | |
| R. H. | — % | 24 hr. Mov. — | Sea L. 30.29 | 0700 Clds. 10/10 SC | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | 0.03 in. | Prev. Dir. — | 3 hr. Tend. +4.0 mb / | Wx Cloudy | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer JEL | Vis. 40 MI. | Vis. | Vis. |

$$\bar{T} = 53$$

$$HDD = 12$$

$$\sum HDD = 932$$

$$\sum RN = 239$$

$$T_{MAX} = 68 \text{ } 1976$$

$$T_{MIN} = -1 \text{ } 1970$$

$$T_{AVE} = 38/102$$

Tuesday, 26 Feb 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-----------|-------------|----------|-------------|--------|-------------------------|-------|-------|
| Max. | 43* °F | Dir. | SW | Temp. | 72° | | | |
| Min. | 35 °F | Vel. | 8 m.p.h. | Read. | 29.01" | | | |
| Set | 39 °F | Char. | STEADY | Corr. | 28.87" | *ESTIMATED - RAMOS DOWN | | |
| R. H. | MSG % | 24 hr. Mov. | MSG | Sea L. | 30.26" | 0700 | 1300 | 1900 |
| Ppn. | — in. | Prev. Dir. | MSG | 3 hr. Tend. | Omb — | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | — in. | Observer | BK | Wx | Wx | Wx |
| | | | | Observer | BK | Vis. | Vis. | Vis. |
| | | | | | | 5mi | | |

$$\bar{T} = 39$$

$$HDD = 26$$

$$\Sigma DD = 965$$

$$\Sigma P = 2.39''$$

WEDNESDAY, FEBRUARY 27, 1985
0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|-------------------|------------------------|----------------------------|---------------|---------------|
| Max. | 47 °F | Dir. WSW | Temp. 73 °F | | | |
| Min. | 34 °F | Vel. 12 m.p.h. | Read. 28.71 | | | |
| Set | 43 °F | Char. — | Corr. 28.58 | | | |
| R. H. | — % | 24 hr. Mov. | Sea L. 29.95 | 0700 Clds. 10/10 St | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | .01 in. | Prev. Dir. | 3 hr. Tend. -1.0 mb | Wx Light Rain shower | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth | Observer JEL | Vis. 7 Miles | Vis. | Vis. — |

$$\bar{T} = 41$$

$$H_{DD} = 24$$

$$\Sigma H_{DD} = 989$$

$$\epsilon_{KW} = 2.40''$$

$$T_{max} = 68.1976$$

$$T_{min} = 73.1934$$

Thur. February 28, 1985 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------|--------------|---------|-------|
| Max. | 43 °F | Dir. | NW | Temp. | 74 | | | |
| Min. | 14 °F | Vel. | 5 m.p.h. | Read. | 29.16 | | | |
| Set | 16 °F | Char. | . | Corr. | 29.03 | | | |
| R. H. | 75 % | 24 hr. Mov. | ~250 mi | Sea L. | 30.50 | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | W | 3 hr. Tend. | +1.0mb | Clds. | 5/10 Ci | Clds. |
| Ppn. | - in. | Snow Depth | - in. | Observer | FJG | Wx | - | Wx |
| | | | | Observer | FJG | Vis. | 35 mi | Vis. |

$$H_{DD} = 36$$