

Friday May 1 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------|-----------------------|--------------------------|--|--------------------------|-------------|
| Max. | 52 °F | Dir. W | Temp. 72 °F | • R- L- off + on OSC - 1590LT • cumulus building along ridge to the SE. • Bright + heavy sky over. | | |
| Min. | 45 °F | Vel. 4 m.p.h. | Read. 28.90 in. | | | |
| Set | 47 °F | Char. light steady | Corr. 28.77 in. | | | |
| R.H. | 74 % | 24 hr. Mov. 5 mi. | Sea L. 30.13 in. | Clds. 2/10 cum. | Clds. 4/10 - Ci | Clds. |
| Ppn. | .06 in. | Prev. Dir. WSW | 3 hr. Tend. +1 1/2 mb | Wx -SET - drizzly sun - Fog. Haze | Wx - WARM SUNSHINE | Wx |
| Ppn. | 0 in. | Snow Depth 0 in. | Observer Jck | Vis. 7 mi. | Vis. 12 mi. | Vis. mi. |

$$\begin{array}{lll} T_{avg} = 47 & \bar{T} = 49 & \sum PEN_L = .06'' \\ T_W = 43 & HDD = 4916 & \sum PEN_S = 0'' \\ T_L = 39 & \sum MSD = 16 & \end{array}$$

Saturday May 2, 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------|--------------------------|-------------------------------|---|----------------|-------------|-------------|
| Max. 70* °F | Dir. WSW | Temp. 77 °F | RW - ~1530 (3 drops) LT 2335-2340 LT | | | |
| Min. 47 °F | Vel. 12 m.p.h. | Read. 28.69 in. | Z1STANT LT6IC @ 2345 LT | | | |
| Set 70 °F | Char. GUSTY 18 | Corr. 28.55 in. | *FRI. MAX. ~66° / ONSET. LO ~54 (9:55) | | | |
| R.H. 49 % | 24 hr. Mov. 120.6 mi. | Sea L. 29.85 in. | Clds. - 1/10 Ci | Clds. | Clds. | |
| Ppn. T in. | Prev. Dir. S | 3 hr. Tend. 'NO CHANGE' mb | Wx SUNNY | Wx | Wx | |
| Ppn. 0 in. | Sol. 0 in. | Snow Depth 0 in. | Observer CPB | Vis. 20 mi. | Vis. mi. | Vis. mi. |

$$\bar{T} = 59$$

$$H_{\text{DD}} = 6$$

$$\sum C_{\text{DD}} = 0$$

$$\sum H_{\text{DD}} = 22$$

$$T_{\text{roof}} = 70$$

$$T_w = 58$$

$$T_d = 50$$

$$T_{\text{dminv}} = 51$$

$$T_{\text{dRAMOS}} = 47$$

$$\sum \text{PPN}_L = .06'' / \sum \text{PPN}_S = 0$$

WARM FROPA

~ 0200 LT !!

SUNDAY MAY 3, 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | | |
|-------|---------|-------------|-----------|-------------|-----------|---|--------|-------|----------------------------|
| Max. | 84 °F | Dir. | N | Temp. | 74 °F | LIC ~ 1950 LT L1CCCC ~ 2015 LT RW ~ 2020 LT | | | |
| Min. | 50 °F | Vel. | 8 m.p.h. | Read. | 28.64 in. | | | | |
| Set | 51 °F | Char. | Steady | Corr. | 28.51 in. | 0700 | 1300 | 1900 | |
| R.H. | 41 % | 24 hr. Mov. | 221.8 mi. | Sea L. | 29.89 in. | Clds. | 0/10 | Clds. | 4/10 |
| Ppn. | .05 in. | Prev. Dir. | SW | 3 hr. Tchd. | +1 / mb | Wx | Clear | Wx | Clear Broken |
| Ppn. | — in. | Snow Depth | — in. | Observer | SC | Vis. | 30 mi. | Vis. | 20 mi. |

$$T = 67$$

$$CDD = 2$$

$$\Sigma CDD = 2$$

$$\Sigma HDD = 22$$

$$\Sigma PAN_L = .11$$

•

$$T_{ROOF} = 52$$

$$T_U = 42$$

$$T_0 = 29$$

Monday May 4 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|-----------|---|-------------------------|--|
| Max. | 68 °F | Dir. | NNW | Temp. | 72 °F | • Low Gray overcast, haze in a band beyond Tussey bridge | | |
| Min. | 42 °F | Vel. | 7 m.p.h. | Read. | 28.68 in. | | | |
| Set | 43 °F | Char. | steady | Corr. | 28.55 in. | | | |
| R.H. | 62 % | 24 hr. Mov. | 176 mi. | Sea L. | 29.91 in. | Clds. | 10/10 scattered | |
| Ppn. | 0 in. | Prev. Dir. | W | 3 hr. Tend. | + 1/2 mb | Wx | • overcast • drizzly | |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | JCK | Vis. | 30 mi. | |
| | | | | | | Vis. | | |
| | | | | | | Vis. | | |

$$T_{\text{roof}} = 42 \quad \bar{T} = 55 \quad \sum PCN_L = .11''$$

$$T_w = 37 \quad HDD = 10 \quad \sum PCN_S = 0''$$

$$T_d = 30 \quad \sum HDD = 32$$

$$\sum CDD = 2$$

Tuesday May 5, 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | | |
|-------|-------|-------------|------------------|-------------|-----------|--------------|-----------------|-------|-------|
| Max. | 56 °F | Dir. | ENE | Temp. | 72 °F | | | | |
| Min. | 43 °F | Vel. | 10 m.p.h. | Read. | 28.78 in. | | | | |
| Set. | 44 °F | Char. | 'STEADY' | Corr. | 28.65 in. | 0000 | 1300 | 1900 | |
| R.H. | 51 % | 24 hr. Mov. | 24.9 mi. | Sea L. | 30.02 in. | Clds. | -8/10 | Clds. | 10/10 |
| Ppn. | 0 in. | Liq. | Prev. Dir. NW | 3 hr. Tend. | +1.5 / mb | Wx | PARTLY SUNNY | Wx | o/c |
| Ppn. | 0 in. | Sol. | Snow Depth 0 in. | Observer | CPR | Vis. | 10 mi. | Vis. | 8 mi. |

$$\bar{T} = 50$$

$$H_{\gg} = 15$$

$$\Sigma C_{\gg} = 2$$

$$\Sigma H_{\gg} = 47$$

$$\Sigma pen_L = .11'' \quad \Sigma pen_S = 0$$

~~Td = 25~~
~~Td = 25~~

$$Td_{WV} = 27$$

$$Td_{FAMOS} = 25$$

Wed May 6, 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|-------------------------|----------------------|-------------------------------------|--------------|-------------|--|
| Max. 57 °F | Dir. SE | Temp. 72 °F | RW - ~ 0915 - 0925 LT | | | |
| Min. 42 °F | Vel. 6 m.p.h. | Read. 29.09 in. | RW - ~ 1130 - 1145 LT | | | |
| Set 43 °F | Char. light | Corr. 28.96 in. | RW - ~ 1700 - 1730 LT | | | |
| R.H. 82 % | 24 hr. Mov. 33.9 mi. | Sea L. 30.35 in. | RW - ~ 1900 - 2230 LT (LOCAL RW) | | | |
| Ppn. Liq. .10 in. | Prev. Dir. E | 3 hr. Tend. +3 mb | L - ~ 2230 - 2300 LT | | | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer LAM | 0700 | 1300 | 1900 | |
| | | | Clds. 10/10 | Clds. | Clds. | |
| | | | Wx DVC | Wx | Wx | |
| | | | Vis. 10 mi. | Vis. mi. | Vis. mi. | |

$$T_{\text{root}} = 41$$

$$T_{\text{DRAMOS}} = 30$$

$$\bar{T} = 50$$

$$T_{\text{DUNV}} = 36$$

$$H_{\text{DD}} = 15$$

$$\sum H_{\text{DD}} = 62$$

$$\sum \text{PPN}_L = .21''$$

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

$$\sum \text{PPN}_S = 0$$

Thurs. May 7, 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|--------------------|-------------------------|------------------------|-------------------------------------|-------------------------------------|---------------------|--------------|--|--|
| Max. 55 °F | Dir. — | Temp. 72 °F | L ~ N 1300 LT (one or two drops) | | | | | |
| Min. 37 °F | Vel. 0 m.p.h. | Read. 29.29 in. | | | | | | |
| Set 40 °F | Char. CALM | Corr. 28.90 in. | 0700 | 1300 | 1900 | | | |
| R.H. 79 % | 24 hr. Mov. 14.6 mi. | Sea L. 30.36 in. | Clds. 0/10 | Clds. 10/10 cirrus | Clds. 10/10 | | | |
| Ppn. Liq. T in. | Prev. Dir. E | 3 hr. Tend. +1.5 mb | Wx HAZY! | Wx - only slightly dimmed sun | Wx drift over | | | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer LAM | Vis. 3.5 mi. | Vis. 20 mi. | Vis. 20 mi. | | | |

$$\begin{aligned} T_{\text{root}} &= 41 & T_{\text{D RAMOS}} &= 29 \\ \overline{T} &= 46 & T_{\text{UNV}} &= 35 \\ H_{\text{DO}} &= 19 \\ \Sigma H_{\text{DO}} &= 81 & \Sigma C_{\text{DO}} &= 2 \\ \Sigma \text{PPN}_L &= .21'' & \Sigma \text{PPN}_S &= 0 \end{aligned}$$

Fairday May 8 1972

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-----------------|------------------------------|------------------------|------------------------------|-------------|-------------|
| Max. | 62 °F | Dir. NE | Temp. 72 °F | • RR at Drizzle ~ 0740 LT | | |
| Min. | 40* °F | Vel. 9.617 m.p.h. | Read. 28.97 in. | | | |
| Set | 47 °F | Char. variable + gusty | Corr. 28.84 in. | # over low: 47 | | |
| | | | | 0700 | 1300 | 1900 |
| R.H. | 79 % | 24 hr. Mov. 42 mi. | Sea L. 30.21 in. | Clds. 10/10 10/10 | Clds. | Clds. |
| Ppn. | Liq. .01 in. | Prev. Dir. E | 3 hr. Tend. -1/2 mb | Wx • light, cold • Fog | Wx | Wx |
| Ppn. | Sol. 0 in. | Snow Depth 0 in. | Observer JCK | Vis. 3 v. 6 mi. | Vis. mi. | Vis. mi. |

$$T_{\text{total}} = 46 \quad \bar{T} = 51 \quad \sum P_{LN_L} = .22''$$

$$T_w = 43 \quad HDO = 14 \quad \sum P_{ON_S} = 0''$$

$$T_d = 40 \quad \sum HDO = 95$$

$$\sum ODB = 2$$

Saturday May 9, 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | |
|-----------------|--------------------------|---------------------|---|-------------------|----------------|-------------|--|
| Max. 57 °F | Dir. — | Temp. 75 °F | R-Loops - 2000 LT (MAINLY L,L - 1800-2000) | | | | |
| Min. 46 °F | Vel. 0 m.p.h. | Read. 28.78 in. | TRW + 2145 LT = 2215 LT | | | | |
| Set 52 °F | Char. CALM | Corr. 28.65 in. | FREQ SE LGS # more * RAMP DOWN AFTER 2MS LT. | | | | |
| R.H. 83 % | 24 hr. Mov. 46.2* mi. | Sea L. 29.00 in. | Clds. - 10/10 ✓ | Clds. 9/10 | Clds. | | |
| Ppn. .51 in. | Liq. in. | Prev. Dir. NE | 3 hr. Tend. +0.5 mb | Wx CLOUDY | Wx CLOUDY | Wx | |
| Ppn. 0 in. | Sol. in. | Snow Depth 0 in. | Observer CPB | Vis. 4v. 6 mi. | Vis. 10 mi. | Vis. mi. | |

$$\bar{T} = 52$$

* CB illuminated for
several seconds by - green-blue
flash to the South. ~ 2205 LT

$$T_{d, \text{mv}} = 47$$

$$H_{\text{pp}} = 13$$

$$\sum C_{\text{pp}} = 2$$

$$\sum H_{\text{pp}} = 108$$

$$\sum \text{ppn}_L = .73'' / \sum \text{pcns} = 0$$

SUNDAY MAY 10, 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-----------------|------------------------|---------------------|------------------------------------|--------------------------|-------------|--------------|------|------|
| Max. 59 °F | Dir. — | Temp. 73 °F | RW ~1230 LT ONL L- 1300-1500 LT | | | | | |
| Min. 48 °F | Vel. 0 m.p.h. | Read. 28.92 in. | RW- 2030-2100 LT | | | | | |
| Set 50 °F | Char. Calm | Corr. 28.79 in. | RAM'S DOWN | | | 0700 | 1300 | 1900 |
| R.H. 74 % | 24 hr. Mov. * — mi. | Sea L. 30.15 in. | Clds. 4/10 | Clds. | Clds. | | | |
| Ppn. .04 in. | Liq. in. | Prev. Dir. — | 3 hr. Tend. +2/ mb | Wx H. Sunny | Wx | Wx | | |
| Ppn. — in. | Sol. in. | Snow Depth — in. | Observer SC | Vis. 10-W 15-E mi. | Vis. mi. | Vis. mi. | | |

$$\bar{T} = 54$$

$$H_{00} = 11$$

$$\Sigma C_{00} = 2$$

$$\Sigma H_{00} = 121$$

$$\Sigma PPN_L = .77''$$

$$\Sigma Pen_s = 0$$

$$\bar{T}_D = 42$$

$$T_w = 46$$

$$T_{unv} = 45$$

$$T_{unv} = 50$$

RAMOS DOWN!

Monday May 11, 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | Barom. | General Obs. | | | | | | |
|-------|-------|-------------|----------|-------------|--------------|--|------|------|--------|-----|-----|
| Max. | 68 °F | Dir. | NNE | Temp. | 74 °F | *RAMOS down - DAY 3 - Some early morning patchy fog is <u>now</u> lifting in dist. ridges | | | | | |
| Min. | 45 °F | Vel. | S m.p.h. | Read. | 29.10 in. | | | | | | |
| Set | 53 °F | Char. | STEADY | Corr. | 28.97 in. | | | | | | |
| R.H. | 69 % | 24 hr. Mov. | *N/A mi. | Sea L. | 30.43 in. | Clds. | 0800 | 1300 | 1900 | | |
| Ppn. | 0 in. | Prev. Dir. | *N/A | 3 hr. Tend. | +2.0/mb | Wx | HAZY | | | | |
| Ppn. | 0 in. | Sol. | 0 in. | Snow Depth | 0 in. | Observer | CPB | Vis. | 10 mi. | mi. | mi. |

$$\bar{T} = 57$$

$$H_{DD} = 8$$

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

$$\sum H_{DD} = 129$$

$$T_w = 48$$

$$T_d = 43$$

$$T_{d_{min}} = 48$$

$$T_{d_{max}} = N/A$$

$$\sum ppn._L = .77'' ; \sum ppn._S = 0$$

Tuesday May 12 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|--------|-------------|----------|-------------|-----------|-----------------------|-------|---------|
| Max. | 79 °F | Dir. | SSW | Temp. | 76 °F | | | |
| Min. | 53* °F | Vel. | 7 m.p.h. | Read. | 28.98 in. | | | |
| Set | 58 °F | Char. | sturdy | Corr. | 28.84 in. | * PART LOW: 57 | | |
| | | | | | | 0700 | 1300 | 1900 |
| R.H. | 67 % | 24 hr. Mov. | 56 mi. | Sea L. | 30.18 in. | Clds. | Clds. | Clds. |
| | | | | | | 0/10 | | 0/10 |
| Ppn. | 0 in. | Prev. Dir. | SSE | 3 hr. Tend. | ± 0 mb | Wx | Wx | Wx |
| | | | | | | - Haze - misty sun | | Sublime |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | JCK | Vis. | Vis. | Vis. |
| | | | | | | 5.9 mi. | mi. | 25 mi. |

$$T_{\text{Adj}} = 57 \quad \bar{T} = 66 \quad \sum PCN_L = .77''$$

$$T_w = 51 \quad \text{CDD} = 1 \quad \sum PCN_s = 0''$$

$$T_d = 46 \quad \sum \text{CDD} = 3$$

$$\sum \text{HOD} = 129$$

Wednesday May 13 1997 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|-----------|-----------------------------|-------|----------|
| Max. | 79 °F | Dir. | — | Temp. | 69 °F | | | |
| Min. | 49 °F | Vel. | 0 m.p.h. | Read. | 28.70 in. | | | |
| Set | 56 °F | Char. | calm | Corr. | 28.58 in. | 0700 | 1300 | 1900 |
| R.H. | 62 % | 24 hr. Mov. | 49 mi. | Sea L. | 29.91 in. | Clds. | Clds. | Clds. |
| | | | | | | 7/10 cirrus 1/10 altocum | | 10/10 |
| Ppn. | 0 in. | Prev. Dir. | SSE | 3 hr. Tend. | ± 0 — mb | Wx | Wx | Wx |
| | | | | | | HAZE | | HAZY |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | JCK | Vis. | Vis. | Vis. |
| | | | | | | 15 mi. | mi. | 4V10 mi. |

$$T_{\text{avg}} = 57 \quad \bar{T} = 64 \quad \sum PCN_s = -77''$$

$$T_w = 50 \quad HOD = 1 \quad \sum PCN_s = 0''$$

$$T_d = 44 \quad \sum HOD = 130$$

$$\sum CDD = 3$$

Thursday May 14 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|---------|-------------|--------------|-------------|-----------|--|-------|-------|
| Max. | 82 °F | Dir. | N | Temp. | 70 °F | • LTG 24 ~ 1645 LT • RW - 1655 - 1705 • RW 1705 - • RW - 2100 - 2300 off and on | | |
| Min. | 48 °F | Vel. | 5 m.p.h. | Read. | 28.81 in. | | | |
| Set | 54 °F | Char. | light steady | Corr. | 28.69 in. | 0700 | 1300 | 1900 |
| R.H. | 66 % | 24 hr. Mov. | 18 mi. | Sea L. | 30.03 in. | Clds. | Clds. | Clds. |
| Ppn. | -27 in. | Prev. Dir. | S | 3 hr. Tend. | +2 1/2 mb | Wx | Wx | Wx |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | JCK | Vis. | Vis. | Vis. |
| | | | | | | 15 mi. | mi. | mi. |

$$T_{\text{avg}} = 55 \quad \bar{T} = 65 \quad \sum p_{\text{CL}} = 1.04$$

$$T_w = 49 \quad \sum HOD = 130 \quad \sum p_{\text{CL}} = 0$$

$$T_d = 44 \quad \sum_{\text{odd}} = 3$$

$$T_{\text{roof}} = 53$$

$$T_w = 47$$

$$\bar{T} = 62$$

$$H_{\text{DD}} = 3$$

$$\sum H_{\text{DD}} = 133 \quad \sum C_{\text{DD}} = 3$$

$$\sum \text{PPNL} = 1.00^{\text{H}} \quad \sum \text{PPNS} = 0^{\text{H}}$$

$$T_{\text{DRAMOS}} = 40$$

$$T_D = 40$$

$$T_{\text{DUNV}} = 42$$

Saturday May 16 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|----------------------------|------------------------|---|--------------|-------------|--|
| Max. 59 °F | Dir. E | Temp. 69 °F | * A - 1715 - 1250 LT 1730 - 1600 LT ~ 1630 - 1730 LT ~ 1900 - 2000 LT * B - ~ 0700 LT 16th. | | | |
| Min. 52 * °F | Vel. 6 m.p.h. | Read. 29.12 in. | * over temps stayed at ~ 55° | | | |
| Set 55 °F | Char. slightly variable | Corr. 29.00 in. | 0700 | 1300 | 1900 | |
| R.H. 93 % | 24 hr. Mov. 7 mi. | Sea L. 30.85 in. | Clds. 10/10 | Clds. | Clds. | |
| Ppn. Liq. .18 in. | Prev. Dir. E | 3 hr. Tend. +2 / mb | Wx • Fog - 1400 LT • over | Wx | Wx | |
| Ppn. Sol. 0 in. | Snow Depth 0 in. | Observer JCK | Vis. 2 mi. | Vis. mi. | Vis. mi. | |

$$\begin{array}{lll} T_{\text{avg}} = 55 & \bar{T} = 56 & \sum PCN_2 = 1.22'' \\ T_w = 54 & NDB = 9 & \sum PCN_1 = 0'' \\ T_d = 53 & \sum HDB = 142 & \\ & \sum_{\text{add}} = 3 & \end{array}$$

Sunday May 17, 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | |
|----------------------|-------------------------|-------------------------|---------------------------------------|-------------|--------------|--|--|
| Max. 67 °F | Dir. S | Temp. 68 °F | INTERMITTENT - R--(L-) - SAT. A.M. | | | | |
| Min. 52 °F | Vel. 8 m.p.h. | Read. 29.18 in. | | | | | |
| Set SS °F | Char. 'STEADY' | Corr. 29.06 in. | 0000 | 1300 | 1900 | | |
| R.H. 82 % | 24 hr. Mov. 45.0 mi. | Sea L. 30.42 in. | Clds. -10/10 | Clds. | Clds. | | |
| Ppn. Liq. .01 in. | Prev. Dir. E | 3 hr. Tend. +0.25 mb | Wx CLOUDY, DIST. FOG | Wx | Wx | | |
| Ppn. Sol. 0 in. | Snow Depth 0 in. | Observer CPB | Vis. 4 mi. | Vis. mi. | Vis. mi. | | |

$$\bar{T} = 60$$

$$H_{\text{APP}} = 5$$

$$\sum C_{\text{APP}} = 3$$

$$\sum H_{\text{APP}} = 147$$

$$\sum \text{ppn.}_L = 1.28''$$

$$\sum \text{ppn.}_S = 0$$

$$T_{\text{root}} = 55$$

$$T_w = 52$$

$$T_d = 50$$

$$(T_{\text{unv}} = 58) T_{d \text{ unv}} = 53$$

$$T_{d \text{ Ramos}} = 50$$

Monday May 18, 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | | | | | |
|-------|---------|-------------|----------|------------|--|-------------|-------------|-----------|-----------------|------|-----|
| Max. | 72 °F | Dir. | W | Temp. | * OVRNT. LO ~ 60° RN ~, RN ~ 0200-0330 LT TN / LTGIC ~ 2330 LT | | | | | | |
| Min. | 55 °F | Vel. | 6 m.p.h. | Read. | | | | 28.98 in. | | | |
| Set | 63 °F | Char. | 'STEADY' | Corr. | | | | 28.86 in. | | | |
| R.H. | 84 % | 24 hr. Mov. | 76.6 mi. | Sea L. | 30.19 in. | Clds. | - 10/10 ac. | 0800 | 1300 | 1900 | |
| Ppn. | .31 in. | Liq. | | Prev. Dir. | S | 3 hr. Tend. | +0.2 mb | Wx | FOG, BINOVIC | Wx | Wx |
| Ppn. | 0 in. | Sol. | | Snow Depth | 0 in. | Observer | CPB | Vis. | 3/4 ~ 1/2 mi. | Vis. | mi. |

$$\bar{T} = 64$$

$$H_{DD} = 1$$

$$C_{DD} = 0$$

$$\sum H_{DD} = 148$$

$$\sum C_{DD} = 3$$

$$\sum PPN.L = 1.54'' \quad \sum PPN.S = 0$$

$$T_w = 60$$

$$T_d = 58$$

$$T_{d_{unv}} = 59$$

$$T_{d_{RMS}} = 58$$

Tuesday May 19 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | | |
|-------|------------|-------------|----------|-------------|-----------|---------------------------------------|--------|------|------------|
| Max. | 74 °F | Dir. | ENE | Temp. | 70 °F | • a few sprinkles - report yesterday. | | | |
| Min. | 44 °F | Vel. | 7 m.p.h. | Read. | 29.22 in. | | | | |
| Set | 48 °F | Char. | Steady | Corr. | 29.10 in. | | | | |
| R.H. | 61 % | 24 hr. Mov. | 36 mi. | Sea L. | 30.48 in. | Clds. | 0700 | 1300 | 1900 |
| | | | | | | 0% a few above | | | Clds. 3/10 |
| Ppn. | Liq. T in. | Prev. Dir. | NE | 3 hr. Tend. | +1 1/2 mb | Wx | | Wx | Wx CU SW |
| | | | | | | Sunny - clear | | | |
| Ppn. | Sol. 0 in. | Snow Depth | 0 in. | Observer | JCK | Vis. | 15 mi. | Vis. | 20 mi. |

$$T_{\text{roof}} = 49 \quad \bar{T} = 59 \quad \sum PCW_L = 1.54''$$

$$T_w = 43 \quad HDD = 6 \quad \sum PCW_s = 0''$$

$$T_L = 36 \quad \sum HDD = 154$$

$$\sum CDD = 3$$

Wednesday May 20, 1992 0000 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | | |
|-------|-------|-------------|----------|-------------|-----------|---|--------------------|-------|----------------|
| Max. | 74 °F | Dir. | — | Temp. | 68 °F | * HAZE obscuring Mt. Nittany's pts. SW @ obs time | | | |
| Min. | 46 °F | Vel. | 0 m.p.h. | Read. | 29.27 in. | | | | |
| Set | 52 °F | Char. | CALM | Corr. | 29.16 in. | | | | |
| R.H. | 58 % | 24 hr. Mov. | 52.5 mi. | Sea L. | 30.51 in. | Clds. | 0800 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. | E | 3 hr. Tend. | +0.5/mb | Wx | - 0/10 | Clds. | 0/10 |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | CPB | Wx | Golden Sunshine | Wx | Wx CLR, DRY |
| | | | | Observer | CPB | Vis. | 30* mi. | Vis. | 35 mi. |

$$\bar{T} = 60$$

$$H_{DD} = 5$$

$$\sum_i C_{DD}^* = 159$$

$$\sum_i H_{DD} = 3$$

$$T_{\text{roof}} = 52$$

$$T_w = 45$$

$$T_d = 38$$

$$T_{d_{\text{min}}} = 42$$

$$T_{d_{\text{max}}} = 40$$

$$\sum \text{ppm}_L = 1.50''$$

$$\sum \text{ppm}_S = 0$$

Thursday May 21 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|-----------|--------------|-------|-------|
| Max. | 75 °F | Dir. | — | Temp. | 68 °F | | | |
| Min. | 42 °F | Vel. | 0 m.p.h. | Read. | 29.28 in. | | | |
| Set | 48 °F | Char. | calm | Corr. | 29.16 in. | 0700 | 1300 | 1900 |
| R.H. | 56 % | 24 hr. Mov. | 35 mi. | Sea L. | 30.54 in. | Clds. | Clds. | Clds. |
| Ppn. | 0 in. | Prev. Dir. | S | 3 hr. Tend. | +1 mb | Wx | Wx | Wx |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | Jack | Vis. | Vis. | Vis. |
| | | | | | | 15 v. 20 mi. | mi. | mi. |

Wx
Sunny
slight drizzle

$$T_{\text{roof}} = 50 \quad \bar{T} = 59 \quad \sum P_{\text{CN}} = 1.54''$$

$$T_w = 45 \quad HDB = 6 \quad \sum P_{\text{CN}} = 0''$$

$$T_d = 35 \quad \sum HDB = 165$$

$$\sum \text{ODA} = 3$$

Friday May 22, 1992 0800 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|----------|--------------|---------------|-------|----------|
| Max. | 82 °F | Dir. | — | Temp. | | | |
| | | | | 68 °F | | | |
| Min. | 43 °F | Vel. | 0 m.p.h. | Read. | | | |
| | | | | 29.15 in. | | | |
| Set | 52 °F | Char. | CALM | Corr. | | | |
| | | | | 29.03 in. | 0800 | 1300 | 1900 |
| R.H. | 58 % | 24 hr. Mov. | 15.6 mi. | Sea L. | Clds. | Clds. | Clds. |
| | | | | 30.40 in. | -3/10 ci | | 4/10 ci |
| Ppn. | 0 in. | Prev. Dir. | SW | 3 hr. Tend. | Wx | Wx | Wx |
| | | | | NO CHNGE, mb | SUNNY & CRISP | | TRANQUIL |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | Vis. | Vis. | Vis. |
| | | | | CPB | 30 mi. | mi. | 30 mi. |

$$\bar{T} = 63$$

$$H_{DD} = 2$$

$$\sum C_{DD} = 3$$

$$\sum H_{DD} = 167$$

$$T_w = 45$$

$$T_d = 38$$

$$T_{d_{min}} = 40$$

$$T_{d_{RMS}} = 37$$

$$\sum p_{PN.L} = 1.56''$$

$$\sum p_{PN.S} = 0$$

SAT. MAY 23, 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|-------------------------|------------------------|----------------|-------------|-------------|
| Max. | 85 °F | Dir. SSW | Temp. 69 °F | | | |
| Min. | 52 °F | Vel. 3 m.p.h. | Read. 28.93 in. | | | |
| Set | 58 °F | Char. light | Corr. 28.01 in. | 0700 | 1300 | 1900 |
| R.H. | 55 % | 24 hr. Mov. 13.1 mi. | Sea L. 30.14 in. | Clds. 0/10 | Clds. | Clds. |
| Ppn. | Liq. 0 in. | Prev. Dir. S | 3 hr. Tend. STDY mb | Wx CLEAR | Wx | Wx |
| Ppn. | Sol. 0 in. | Snow Depth 0 in. | Observer JHM | Vis. 15 mi. | Vis. mi. | Vis. mi. |

$$T_{\text{roof}} = 60 \quad T_w = 51 \quad T_d = 43$$

$$\bar{T} = 69$$

$$T_{\text{drains}} = 44$$

$$T_{\text{down}} = 46$$

$$C_{00} = 4$$

$$\Sigma C_{00} = 7$$

$$\Sigma H_{00} = 167$$

$$\Sigma p_{c.w.} = 1.54''$$

Sunday May 24 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|-----------------------|-------------------------|----------------------|-------------|-------------|
| Max. | 86 °F | Dir. NNW | Temp. 70 °F | | | |
| Min. | 58 °F | Vel. 6 m.p.h. | Read. 28.68 in. | | | |
| Set | 64 °F | Char. scaly | Corr. 28.56 in. | # over low: 61 | | |
| | | | | 0700 | 1300 | 1900 |
| R.H. | 75 % | 24 hr. Mov. 29 mi. | Sea L. 29.87 in. | Clds. 10/10 | Clds. | Clds. |
| Ppn. | 0 in. | Prev. Dir. W | 3 hr. Tend. + 1/2 mb | Wx cast - Haze | Wx | Wx |
| Ppn. | 0 in. | Snow Depth 0 in. | Observer JK | Vis. 4.7 mi. | Vis. mi. | Vis. mi. |

$$T_{\text{roof}} = 63 \quad T = 73 \quad \sum PCN_2 = 1.54''$$

$$T_w = 58 \quad \text{CDD} = 8 \quad \sum PCN_1 = 0''$$

$$T_d = 55 \quad \sum \text{CDD} = 15$$

$$\sum \text{HDD} = 167$$

Monday May 25 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|-----------------------------|-------------------------|---|--------------|-------------|--|
| Max. 64 * °F | Dir. NE | Temp. 68 °F | * Bayhona NE horizon * RA 0900 LT 24th of A - consid until ~ 1230 * down L. after. * MAX T cloud AT OBS, 24th | | | |
| Min. 38 °F | Vel. 5 m.p.h. | Read. 28.83 in. | | | | |
| Set 39 °F | Char. slightly variable | Corr. 28.71 in. | 0700 | 1300 | 1900 | |
| R.H. 67 % | 24 hr. Mov. 48 mi. | Sea L. 30.09 in. | Clds. 10/10 stratocum | Clds. | Clds. | |
| Ppn. .13 in. | Liq. Prev. Dir. NE | 3 hr. Tend. + 1/2 mb | Wx 100% quite dilly | Wx | Wx | |
| Ppn. 0 in. | Sol. Snow Depth 0 in. | Observer JCK | Vis. 20 mi. | Vis. mi. | Vis. mi. | |

$$T_{\text{mod}} = 39 \quad \bar{T} = 52 \quad \sum PCN_s = 1.67$$

$$T_w = 35 \quad MDD = 13 \quad \sum PCN_s = 0''$$

$$T_d = 29 \quad \sum MDD = 180$$

$$\sum MDD = 15$$

TUES. MAY 26, 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|---------------|-------------------------|---------------------|--|-------------------------------------|-------|-----------------|---------------------|--|
| Max. 60 °F | Dir. — | Temp. 70 °F | | OVRNT LO ~ 42 L- began ~ 0730 LT | | | | |
| Min. 39 °F | Vel. 0 m.p.h. | Read. 28.79 in. | | | | | | |
| Set 45 °F | Char. CALM | Corr. 28.67 in. | | | | | | |
| R.H. 80 % | 24 hr. Mov. 31.7 mi. | Sea L. 30.03 in. | | Clds. 10/10 | Clds. | | Clds. 10/10 | |
| Ppn. T in. | Liq. S | Prev. Dir. S | | 3 hr. Tend. +1.0 / mb | | Wx L-, F | Wx L-F | |
| Ppn. 0 in. | Sol. 0 in. | Snow Depth 0 in. | | Observer JHM | | Vis. 1/2 mi. | Vis. mi. 1/3 mi. | |

$$\bar{T} = 50$$

$$H_{OD} = 15$$

$$\sum H_{OD} = 195$$

$$\sum C_{OD} = 15$$

$$T_{max} = 45$$

$$T_w = 42$$

$$T_d = 39$$

$$T_{down} = 38 \quad T_{up} =$$

Wednesday May 27 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|--------|---------|-------------|------------|-------------|-----------|---|-------|--------|
| Max. * | 52 °F | Dir. | WNW | Temp. | 69 °F | • clouds building slightly NW. • L to A - 095 - 1230 W 26th. • SMOKE WEST: BEAN FIRE 0630 W * TIED MIN MAX of 1979 | | |
| Min. | 38 °F | Vel. | 2 m.p.h. | Read. | 28.79 in. | | | |
| Set | 43 °F | Char. | Very light | Corr. | 28.67 in. | 0700 | 1300 | 1900 |
| R.H. | 70 % | 24 hr. Mov. | 3 mi. | Sea L. | 30.04 in. | Clds. | Clds. | Clds. |
| Ppn. | .03 in. | Prev. Dir. | S | 3 hr. Tend. | +1 mb | Wx | Wx | Wx |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | JCK | Vis. | Vis. | Vis. |
| | | | | | | 12 mi. | mi. | 25 mi. |

$$T_{\text{avg}} = 43 \quad \bar{T} = 45 \quad \sum \rho_{\text{air}} = 1.70''$$

$$T_w = 39 \quad H_{\text{DD}} = 20$$

$$T_l = 34 \quad \sum H_{\text{DD}} = 215$$

$$\sum \rho_{\text{air}} = 15$$

Thursday May 28 1992 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------------------|-------------|-----------|---|------|--------|
| Max. | 59 °F | Dir. | WSW | Temp. | 70 °F | * yesterday (27th) was a classic 'soft - low wet' morning fog - FEW RW -- ~1400LT FROST reported vic. PA Furnace | | |
| Min. | 38 °F | Vel. | 7 m.p.h. | Read. | 28.96 in. | | | |
| Set | 45 °F | Char. | slightly variable | Corr. | 28.84 in. | | | |
| R.H. | 58 % | 24 hr. Mov. | 41 mi. | Sea L. | 30.21 in. | 0700 | 1300 | 1900 |
| Ppn | T in. | Prev. Dir. | WNW | 3 hr. Tend. | +1 1/2 mb | Clds. | Wx | Clds. |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | JCK | Wx | Wx | Clds. |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 15 u. 25 mi. | mi. | 15 mi. |

$$T_{\text{avg}} = 46 \quad \bar{T} = 49 \quad \sum D = N_L = 1.70''$$

$$T_w = 40 \quad HDD = 16$$

$$T_d = 32 \quad \sum HDD = 231$$

$$\sum HDD = 15$$

Fri. MAY 29, 1992

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | | | |
|-------|-------|-------------|----------|-------------|--|-------|--------------|-----------|--------------|
| Max. | 65 °F | Dir. | — | Temp. | HAZE from lifting GF along Tussey Ridge + Mt. Holy mtn. PATCHY STRATUS OVR GATEBURG RIDGE CIRRIUS SW | | | | |
| Min. | 39 °F | Vel. | 0 m.p.h. | Read. | | | | 29.09 in. | |
| Set | 45 °F | Char. | CALM | Corr. | | | | 28.96 in. | |
| R.H. | 71 % | 24 hr. Mov. | 5.5 mi. | Sea L. | 30.32 in. | 0700 | 1300 | 1900 | |
| Ppn. | 0 in. | Prev. Dir. | WNW | 3 hr. Tend. | +1.75 mb | Clds. | 1/10 ci sw | Clds. | 4/10 - Str |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | JHM | Wx | MSTLY CLR | Wx | PTLY. CLR |
| | | | | Vis. | 25 mi. | Vis. | | Vis. | 25 mi. |

$$\bar{T} = 52 \quad T_{\text{rot}} = 47 \quad T_w = 42 \quad T_d = 36$$

$$H_{DO} = 13$$

$$T_{\text{dmin}} = 36$$

$$T_{\text{dmax}} = 39$$

$$\Sigma H_{DO} = 244$$

$$\Sigma C_{DO} = 15$$

$$\Sigma \text{pen.} = \frac{\text{---}}{1.70}''$$

Saturday May 30, 1920 0000 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|---------|-------------|-------------|-------------|-----------|-----------------------|-------|-------|
| Max. | 70 °F | Dir. | SSW | Temp. | 72 °F | RW - ~ 0230 - 0445 LT | | |
| Min. | 45 °F | Vel. | 7 m.p.h. | Read. | 29.07 in. | R - 0445 - 0745 LT | | |
| Set | 49 °F | Char. | GUSTS to 15 | Corr. | 28.94 in. | RW - 0745 - obs | | |
| R.H. | 83 % | 24 hr. Mov. | 65.6 mi. | Sea L. | 30.30 in. | 0700 | 1300 | 1900 |
| Ppn. | .29 in. | Prev. Dir. | S | 3 hr. Tend. | +1.67 mb | Clds. | Clds. | Clds. |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | CPB | Wx | Wx | Wx |
| | | | | | | Cloudy | | R-F |
| | | | | | | LST RAIN | | |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 2.4 F mi. | mi. | 3 mi. |

$$\bar{T} = 58$$

$$H_{DD} = 7$$

$$\sum H_{DD} = 251$$

$$\sum C_{DD} = 15$$

$$\sum P_{PN} = 1.99''$$

$$T_{\text{roof}} = 49$$

$$T_w = 47$$

$$T_d = 44$$

$$T_{d_{\text{unv}}} = 43$$

$$T_{d_{\text{RAMOS}}} = 40$$

$$\bar{F} = 51$$

$$HOD = 14$$

$$\Sigma HOD = 265$$

$$\Sigma LOD = 15$$

$$\Sigma PPN = 2.85''$$

$$T_w = 48$$

$$T_o = 46$$

$$T_{roof} = 51$$

$$T_{over} = 50$$