

Friday, July 1, 1994

0700 EST

Meteorological University Park, PA

General Obs.

| | | | | | | | | |
|-------|-------|-------------|----------|-------------|-----------|--|-------|-----------------------|
| Temp. | | Wind | | Barom. | | 1856-1901 LT: L - (very few sprinkles) | | |
| Max. | 75 °F | Dir. | W | Temp. | 71 °F | | | |
| Min. | 59 °F | Vel. | 6 m.p.h. | Read. | 28.88 in. | | | |
| Set | 62 °F | Char. | STEADY | Corr. | 28.76 in. | 0700 | 1300 | 1900 |
| R.H. | 79 % | 24 hr. Mov. | - mi. | Sea L. | 30.01 in. | Clds. | Clds. | Clds. FEW 0/10 AC |
| Ppn. | T in. | Prev. Dir. | - | 3 hr. Tend. | √+1.0 mb | Wx | Wx | Wx dry and delightful |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | FCS | Vis. | 6 mi. | Vis. 20 mi. |

$T = 61$
 $CDD = 2$
 $\sum HDD = 0$
 $\sum CDD = 2$
 $\sum PCN = T$

$T_{unv} = 62/57$

$T_w = 58$

$T_b = 55$

Saturday, July 2, 1944

0700 EST
 Meteorology
 University Park, PA
 General Obs.

| | | | | | | | | | |
|-------|-------|-------------|----------|-------------|-----------|-------|-----------|-------|----------|
| Temp. | | Wind | | Barom. | | | | | |
| Max. | 81 °F | Dir. | CALM | Temp. | 72 °F | | | | |
| Min. | 59 °F | Vel. | 0 m.p.h. | Read. | 28.88 in. | | | | |
| Set | 63 °F | Char. | - | Corr. | 28.76 in. | 0700 | 1300 | 1900 | |
| R.H. | 78 % | 24 hr. Mov. | - mi. | Sea L. | 30.00 in. | Clds. | 10/10 -CS | Clds. | 10/10 SC |
| Ppn. | 0 in. | Prev. Dir. | - | 3 hr. Tend. | +1.0 mb | Wx | HAZE | Wx | RW- |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | FCS | Vis. | 6 mi. | Vis. | 10 mi. |

10
CDD = 5
 Σ HDD = 0
 Σ CDD = 7
 Σ PCN = T

LAND = 63/58

$T_w = 59$
 $T_d = 56$

$$\sum CDD = 9$$

$$\sum HDD = 0$$

$$\sum CDD = 16$$

$$\sum PCN = T$$

$$UNV = 64/61$$

$$T_w = 62$$

$$T_o = 60$$

Monday July 4, 1994

0700 EST

Meteorological Observatory
University Park, PA

General Obs.

| | | | | | | |
|-------|-------|----------------------|------------------------|--|-------------|-------------------------|
| Temp. | | Wind | Barom. | General Obs. | | |
| Max. | 75 °F | Dir. NE | Temp. 72 °F | | | |
| Min. | 63 °F | Vel. 7 m.p.h. | Read. 29.04 in. | | | |
| Set | 65 °F | Char. - | Corr. 28.92 in. | 0700 | 1300 | 1900 |
| R.H. | 82 % | 24 hr. Mov. - mi. | Sea L. 30.16 in. | Clds. -X HZ 9/10 ST CS | Clds. | Clds. SC 9/10 CS |
| Ppn. | 0 in. | Prev. Dir. - | 3 hr. Tend. +1.1 mb | Wx MT. NITAMY OBSERVED IN HAZE HUMIDITY NOTICABLE WIND VARIABLE | Wx | Wx HAZY AND HUMID |
| Ppn. | 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 2 1/2 mi. | Vis. mi. | Vis. 6 mi. |

$T = 69$
 $CDD = 4$
 $\Sigma HDD = 0$
 $\Sigma CDD = 26$
 $\Sigma PEN = T$

$lowv = 64/62$

$T_n = 63$
 $T_D = 62$

Tuesday July 5, 1994

0700 EST

University Park, Pa.
General Obs.

| | | | | | | | |
|-------|---------|-------------|-----------|-------------|-----------|----------------------|--|
| Temp. | | Wind | | Barom. | | * overnight low 70°F | |
| Max. | 81 °F | Dir. | SW | Temp. | 72 °F | | |
| Min. | 65 * °F | Vel. | 13 m.p.h. | Read. | 29.02 in. | | |
| Set | 72 °F | Char. | G 20 | Corr. | 28.90 in. | 0700 | 1300 |
| R.H. | 83 % | 24 hr. Mov. | - mi. | Sea L. | 30.12 in. | Clds. ST 9/10 SC | Clds. SC 10/10 NS |
| Ppn. | 0 in. | Prev. Dir. | - | 3 hr. Tend. | +0.4 mb | Wx HAZY AND HUMID | Wx W:TRW - towards W moving E |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | FCS | Vis. | 4 mi. |
| | | | | | | mi. | 1/2 v.l. mi. |

CDD = 8
 Σ HDD = 0
 Σ COD = 28
 Σ PCN = T

run: 13/67

$T_w = 69$
 $T_o = 67$

Wednesday, July 6, 1966

0700 EST

Meteorology
University Park, PA

General Obs.

TRW-: 2005 - 2015 LT

| | | | | | | |
|-------|-------------|------------|-------------|----------|-------|----------------------|
| Temp. | | Wind | Barom. | | | |
| Max. | Dir. | | Temp. | | | |
| 86 °F | — | | 72 °F | | | |
| Min. | Vel. | | Read. | | | |
| 67 °F | 0 m.p.h. | | 28.92 in. | | | |
| Set | Char. | | Corr. | 0700 | 1300 | 1900 |
| 70 °F | CALM | | 28.79 in. | Clds. -X | Clds. | Clds. CB 10/11 ST |
| R.H. | 24 hr. Mov. | Sea L. | | 3/10 CC | | |
| 76 % | — mi. | 30.08 in. | | Wx | Wx | Wx TRW- |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | HAZE | | |
| T in. | — | | +0.5 / mb | | | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. |
| 0 in. | 0 in. | 0 in. | PAF | 4 mi. | mi. | 6 mi. |

$\sum UNV = 11/10$ $T_w = 65$
 $T_d = 62$
 $CDD = 17$
 $\sum HDD = 0$
 $\sum CDD = 3940$
 $\sum PCN = T$

Thursday July 7, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. (CHART POINT) | | |
|-----------|----------|-------------------|-------------------------|--|-------|---|
| Max. | 92 °F | Dir. CALM | Temp. 72 °F | 1840 LT WIND 20G42 CB NE MOVG S OCNL LTG | | |
| Min. | 66 °F | Vel. - m.p.h. | Read. 28.90 in. | 1905-2130LT TRW - OCNL LTGCG RW- 2130-2220 LT | | |
| Set | 69 °F | Char. - | Corr. 28.78 in. | 0700 | 1300 | 1900 |
| R.H. | 84 % | 24 hr. Mov. - mi. | Sea L. 30.02 in. | Clds. ST AC 4/10 -CS | Clds. | Clds. ST AC 3/10 CS |
| Ppn. Liq. | 0.52 in. | Prev. Dir. - | 3 hr. Tend. ✓ +0.70 .nb | Wx A SULTRY, STICKY AND OPPRESSIVE A.M. | Wx | Wx HAZE MUGGY RIDGE BARELY VISIBLE |
| Ppn. Sol. | 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 5 mi. | Vis. | Vis. 4 mi. |

$T = 79$ $T_{UNV} = 68/65$ $T_w = 65.2$
 $CDD = 14$ $T_{RAMS} = 70/69$ $T_o = 63.0$
 $\Sigma HDD = 0$
 $\Sigma CDD = 54$
 $\Sigma PCN = 0.52$

Friday July 8, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | | Barom. | General Obs. | | |
|-------|------|--|-------------|--------|-------------|-----------------------------|--|--|
| Max. | | | Dir. | | Temp. | 1035-1055 LT TRW - 0.08" | | |
| 85 | °F | | CALM | | 72 | °F 1745-1905 LT TRW - 0.02" | | |
| Min. | | | Vel. | | Read. | | | |
| 68 | °F | | - | m.p.h. | 28.92 | in. | | |
| Set | | | Char. | | Corr. | | | |
| 69 | °F | | - | | 28.80 | in. | | |
| R.H. | | | 24 hr. Mov. | | Sea L. | | | |
| 98 | % | | - | mi. | 30.02 | in. | | |
| Ppn. | Liq. | | Prev. Dir. | | 3 hr. Tend. | | | |
| 0.10 | in. | | - | | ✓ +0.4 | mb | | |
| | | | | | Wx | FOG | | |
| | | | | | Wx | Wx CB to the E Hazy | | |
| Ppn. | Sol. | | Snow Depth | | Observer | | | |
| 0 | in. | | 0 | in. | FCS | 1/8 mi. | | |
| | | | | | Vis. | mi. 5v.7 mi. | | |

$$\begin{aligned}\bar{T} &= 77 & T_{\text{unv}} &= 68/66 & T_w &= 68 \\ \text{CDD} &= 12 & T_{\text{anis}} &= 69/69 & T_D &= 68 \\ \Sigma \text{HDD} &= 0 \\ \Sigma \text{CDD} &= 66 \\ \Sigma \text{PCN} &= 0.62\end{aligned}$$

Saturday, July 9, 1961

0700 EST

Meteorological
University Park, PA

General Obs.

| | | | | | | |
|-------|--------|----------------------|------------------------|--|-------|---------------------------------|
| Temp. | | Wind | Barom. | General Obs. | | |
| Max. | 90 °F | Dir. SW | Temp. 74 °F | *overnight low = 73 | | |
| Min. | 69* °F | Vel. 10 m.p.h. | Read. 28.90 in. | TB 1830LT OCNL LTG ICG E TE 1915LT CB MVNG NE | | |
| Set | 76 °F | Char. Steady | Corr. 28.77 in. | 0700 | 1300 | 1900 |
| R.H. | 74 % | 24 hr. Max. — mi. | Sea L. 30.04 in. | Clds. Sc 10/10 NS | Clds. | Clds. Cl 8/10 SC |
| Ppn. | 0 in. | Prev. Dir. — | 3 hr. Tend. +0.0 mb | Wx less hazy than before - still warm | Wx | Wx still hazy, but cooler |
| Ppn. | 0 in. | Snow Depth 0 in. | Observer PAF | Vis. 10 V. 20 mi. | Vis. | mi. 7 mi. |

$T_w = 70$
 $T_{amb} = 76/71$
 $T_d = 67$

$CDD = 15$

$\Sigma HDD = 0$

$\Sigma CDD = 81$

$\Sigma PCAS = 0.62''$

165 $T_w = 63$
CDD = 11 $T_{min} = 70$ $T_d = 60$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 92$$

$$\Sigma PCN = 0.74''$$

Monday, July 11, 1961

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | Barom. | General Obs. | | |
|-------|---------|------------|----------|-------------|---------------------------------|-------|------------------------------|
| Max. | 79 °F | Dir. | W | Temp. | * LOWEST IN 5 WEEKS (6/4) | | |
| Min. | * 52 °F | Vel. | 5 m.p.h. | Read. | 29.03 in. | | |
| Set | 58 °F | Char. | Steady | Corr. | 0700 | 1300 | 1900 |
| R.H. | 72 % | 24 hr. Mov | — mi. | Sea L. | Clds. -sc 3/10 CI | Clds. | Clds. sc 2/10 -a |
| Ppn. | 0 in. | Prev. Dir. | — | 3 hr. Tend. | Wx the air is VERY clean! | Wx | Wx very clear air mass |
| Ppn. | — in. | Snow Depth | — in. | Observer | Vis. | Vis. | Vis. |
| | | | | PAF | 25 mi. | mi. | 30 mi. |

$\bar{T} = 66$ $T_{\text{RAMOS}} = 50/54$ $T_w = 53$
 $\sigma_{\text{DD}} = 1$
 $\Sigma \text{HDD} = 10$ $T_{\text{DDV}} = 54/50$ $T_d = 49$
 $\Sigma \text{CDD} = 13$
 $\Sigma \text{PEN} = 674''$

Tuesday, July 12, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|-------------------|------------------------------|--|-------|---------------------|
| Max. | 77 °F | Dir. CALM | Temp. 77 °F | | | |
| Min. | 54 °F | Vel. — m.p.h. | Read. 28.93 in. | | | |
| Set | 58 °F | Char. — | Corr. 28.80 in. | 0700 | 1300 | 1900 |
| R.H. | 81 % | 24 hr. Mov. — mi. | Sea L. 30.05 in. | Clds. CLR | Clds. | Clds. 0/10 NAGA |
| Ppn. | 0 in. | Prev. Dir. — | 3 hr. Tend. $\sqrt{+0.2}$ mb | Wx SHALLOW INVERSION-CAPPED HAZE LAYER | Wx | Wx P: 0 IN PLEASANT |
| Ppn. | 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 15 mi. | Vis. | Vis. 20 mi. |

$$\begin{aligned}\bar{T} &= 66 & T_{UNV} &= 1 & T_w &= 55 \\ CDD &= 1 & T_{RAMOS} &= 59/55 & T_D &= 52 \\ \Sigma HDD &= 0 \\ \Sigma CDD &= 94 \\ \Sigma PCN &= 0.74''\end{aligned}$$

Wednesday, July 13, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|----------------------|------------------------|----------------------|--------------|---------------------|--|
| Max. 85 °F | Dir. WSW | Temp. 72 °F | *overnight low = 63. | | | |
| Min. 58* °F | Vel. 3 m.p.h. | Read. 28.93 in. | | | | |
| Set 69 °F | Char. light | Corr. 28.80 in. | 0700 | 1300 | 1900 | |
| R.H. 64 % | 24 hr. Mov. - mi. | Sea L. 30.08 in. | Clds. 0/10 CLR | Clds. | Clds. AC 2/10 CS | |
| Ppn. Liq. 0 in. | Prev. Dir. - | 3 hr. Tend. +0.5 mb | Wx FEW ci GF/Hazy | Wx | Wx HAZE | |
| Ppn. Sol. - in. | Snow Depth - in. | Observer PAF | Vis. 5 mi. | Vis. mi. | Vis. 7 mi. | |

$$F = 72 \quad T_{UNV} = 70/60 \quad T_w = 61$$

$$CDD = 7 \quad T_{RAMOS} = 71/64 \quad T_d = 56$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 101$$

$$\Sigma PCN = 0.74''$$

Thursday July 14, 1944

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|---------------|------|-------------------------|------------------------|-------------------|-------------|-------------|
| Max. 88 °F | | Dir. NE | Temp. 72 °F | 0730-OBS LT RW- | | |
| Min. 67 °F | | Vel. 9 m.p.h. | Read. 28.89 in. | | | |
| Set 68 °F | | Char. speed Variable | Corr. 28.77 in. | 0700 | 1300 | 1900 |
| R.H. 90 % | | 24 hr. Mov. — mi. | Sea L. 30.02 in. | Clds. 10/10 ST | Clds. | Clds. |
| Ppn. T in. | Liq. | Prev. Dir. — | 3 hr. Tend. +0.5 mb | Wx RW- | Wx | Wx |
| Ppn. 0 in. | Sol. | Snow Depth 0 in. | Observer FCS | Vis. 1.5 mi. | Vis. mi. | Vis. mi. |

$$\begin{aligned}\bar{T} &= 78 & T_{UNV} &= 66/63 & T_w &= 66 \\ CDD &= 13 & T_{RANX} &= 67/67 & T_D &= 65 \\ \Sigma HDD &= 0 \\ \Sigma CDD &= 114 \\ \Sigma PCN &= 0.74''\end{aligned}$$

Friday July 15, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|-----------------------------|-----------------------|---|--------------|----------------|--|
| Max. 70 °F | Dir. S | Temp. 72 °F | OBS - 0910 LT : RW - 1130 - 1230 LT : RW - | | | |
| Min. * 65 °F | Vel. 3 m.p.h. | Read. 28.86 in. | 1230 - 1430 LT : RW : (TRW 1315) 2015 - 2115 LT : L - 2125 - 2145 LT : RW - | | | |
| Set 69 °F | Char. light and variable | Corr. 28.74 in. | 0700 | 1300 | 1900 | |
| R.H. 91 % | 24 hr. Mov. - mi. | Sea L. 29.98 in. | Clds. 10/10 ST | Clds. | Clds. 10/10 | |
| Ppn. Liq. 1.08 in. | Prev. Dir. - | 3 hr. Tend. - 0 mb | Wx LIGHT FOG AND HAZE | Wx | Wx H | |
| Ppn. Sol. 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 0.75 mi. | Vis. mi. | Vis. 8 mi. | |

$\bar{T} = 68$
CDD = 3
 $\Sigma HDD = 0$
 $\Sigma CDD = 117$
 $\Sigma PCN = 1.82$

$T_{max} = /$
 $T_{min} = 68/68$

$T_w = 67$
 $T_o = 66$

* MIN OCTD ~ 1400 LT, 14th

Saturday, July 16, 1994 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|---------------|--------------------------|-------------------------|---------------------|--------------|------------------------|--|
| Max 86 °F | Dir. WNW | Temp. 72 °F | | | | |
| Min. 68 °F | Vel. 4 m.p.h. | Read. 28.97 in. | | | | |
| Set 68 °F | Char. Steady | Corr. 28.84 in. | 0700 | 1300 | 1900 | |
| R.H. 64 % | 24 hr. Mov. N/A mi. | Sea L. 32.15 in. | Clds. 7/10 Ci Sc | Clds. | Clds. 1/10 - - Ci | |
| Ppn. Ø in. | Liq. Prev. Dir. N/A | 3 hr. Tend. +1.05 mb | Wx FH | Wx | Wx Artistic Perfect | |
| Ppn. Ø in. | Sol. Snow Depth Ø in. | Observer JGG | Vis. 8 mi. | Vis. | Vis. 25 mi. | |

$$T = 77$$

$$CPO = 12$$

$$\Sigma HOD = 8$$

$$\Sigma CPO = 129$$

$$\Sigma PCV_L = 1.82''$$

$$T_{RAMS} = 69/64$$

$$T_{UN} = 68/60$$

$$T = 70.5$$

$$T_{W} = 65.5$$

$$T_b = 57.5$$

Sunday, July 17, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|-----------|-------|---|------|---------------------|
| Max | 81 °F | Dir. | - | Temp. | 71 °F | | | | |
| Min. | 58 °F | Vel. | 0 m.p.h. | Read. | 29.01 in. | | | | |
| Set | 62 °F | Char. | Calm | Corr. | 28.88 in. | 0700 | 1300 | 1900 | |
| R.H. | 80 % | 24 hr. Mov. | N/A mi. | Sea L. | 30.25 in. | Clds. | | | Clds. -X 8/10 SC |
| Ppn. | 0 in. | Prev. Dir. | N/A | 3 hr. Tend. | +0.85 mb | Wx | Low Fog | Wx | Wx Hazy |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | SGG | Vis. | 2.8 West Coast 2 East (M.M.) mi. | Vis. | 5 mi. |

$$T = 70$$

$$CDD = 5$$

$$\sum HDD = 0$$

$$\sum CDD = 134$$

$$\sum PCN_L = 1.82''$$

$$T_{RMS} = 66/62$$

$$T_{MIN} = 62/58$$

$$T = 66$$

$$T_W = 62$$

$$T_o = 59.5$$

$n = 11$ $\text{range} = 0.15$ $T_w = 6.6$
 $CDD = 6$ $T_{UNV} = 69/64$ $T_d = 6.5$
 $\Sigma CDD = 140$
 $\Sigma HOD = 0$
 $\Sigma PCN = 1.82$

Tuesday, July 19, 1994

0700 EST

Meteorological
University Park, PA

General Obs.

| | | | | | | | | |
|-------|---------|-------------|----------|-------------|-----------|----------------------------|---------|-----------|
| Temp. | | Wind | | Barom. | | General Obs. | | |
| Max. | 80 °F | Dir. | CALM | Temp. | 71 °F | 1250-1305 LT RW - (TRACE) | | |
| Min. | 62 °F | Vel. | - m.p.h. | Read. | 28.95 in. | 1530-1550 LT THUNDER HEARD | | |
| Set | 65 °F | Char. | - | Corr. | 28.83 in. | 0700 | 1300 | 1900 |
| R.H. | 97 % | 24 hr. Mov. | - mi. | Sea L. | 30.08 in. | Clds. | | Clds. |
| Ppn. | .01 in. | Prev. Dir. | - | 3 hr. Tend. | +1.5 mb | Wx | | Wx |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | FCS | Wx | | Wx |
| | | | | | | Vis. | 0.5 mi. | Vis. |
| | | | | | | | | mi. 5 mi. |

1750-1805 LT (TRACE)

10/10 ST
FOG
Wx hazz, pleasant

$\Sigma HOD = 0$
 $\Sigma COD = 146$
 $\Sigma PCN = 1.88$

$T_{uni} = 64/62$
 $T_{trans} = 65/65$

$T_w = 65$
 $T_o = 64$

Wednesday, July 20, 1972

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|--------|-------------|----------|-------------|-----------|---------------------|------------------|---|
| Max. | 85 °F | Dir. | — | Temp. | 72 °F | *overnight low = 68 | | |
| Min. | 65* °F | Vel. | 0 m.p.h. | Read. | 29.00 in. | | | |
| Set | 71 °F | Char. | calm | Corr. | 28.87 in. | 0700 | 1300 | 1900 |
| R.H. | 76 % | 24 hr. Mov. | — mi. | Sea L. | 30.17 in. | Clds. | Clds. | Clds. \checkmark 10/10 \checkmark 2 |
| Ppn. | 0 in. | Prev. Dir. | — | 3 hr. Tend. | +0.0 — mb | Wx | Foggy + muggy | Wx Humid, HAZY |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | PAF | Vis. | 3 mi. | Vis. 7 mi. |

$$\bar{T} = 75 \quad T_{UNV} = 70/65 \quad T_w = 66$$

$$CDD = 10 \quad T_{RAMOS} = 72/69 \quad T_d = 63$$

$$\Sigma CDD = 156$$

$$\Sigma HDD = 0$$

$$\Sigma PCN = 1.83''$$

Thursday July 21, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|---------------|-----------------|----------|-------------|---|-------|---------------------------|
| Max. | 90 °F | Dir. | NW | Temp. | 1700 LT THUNDER HEARD DCNL LTGIC | | |
| | | | | 72 °F | TRW - 1715-1720, 1741-1755 LT 1756-1801 LT | | |
| Min. | 68 °F | Vel. | 3 m.p.h. | Read. | TRWA 1801-1830 LT FGT LTG CACG ** | | |
| | | | | 28.96 in. | 1845 THUNDER ENDED | | |
| Set | 71 °F | Char. direction | variable | Corr. | | | |
| | | | | 28.84 in. | | | |
| R.H. | 85 % | 24 hr. Mov. | - mi. | Sea L. | 0700 | 1300 | 1900 |
| | | | | 3005 in. | Clds. ST 8/10 AC CI | Clds. | Clds. ST 8/10 AC CI |
| Ppn. | Liq. 0.21 in. | Prev. Dir. | - | 3 hr. Tend. | Wx HAZY HUMID | Wx | Wx HAZY STICKY |
| | | | | +0.3 mb | | | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | | | |
| | 0 in. | 0 in. | FCS | 6 mi. | | | 5 mi. |

$\bar{T} = 79$ $T_{UNV} = 69/67$ $T_w = 68$
 $CDD = 14$ $T_{RMS} = 72/70$ $T_0 = 66$
 $\Sigma HDD = 0$
 $\Sigma CDD = 170$
 $\Sigma PCN = 2.04''$

* Small (sub-pen) sized hail at beginning of RW
TRWA + southern sections of STATE college.

Friday, July 22, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|------------------|----------------------|------------------------|---------------------------------------|---------------|---------------------------|
| Max. | 80 °F | Dir. CALM | Temp. 72 °F | 1350-1405 LT RW- | | |
| Min. | 67 °F | Vel. — m.p.h. | Read. 28.80 in. | 1520-1600 LT RW- | | |
| Set | 69 °F | Char. — | Corr. 28.68 in. | 1750-1815 LT RW- | | |
| | | | | 1855-1920 LT RW- | | |
| R.H. | 90 % | 24 hr. Mov. — mi. | Sea L. 29.92 in. | 0700 Clds. ST 3/10 AC | 1300 Clds. | 1900 Clds. 10/10 CB |
| Ppn. | Liq. 0.52 in. | Prev. Dir. — | 3 hr. Tend. +0.4 mb | Wx PATCHY GROUND FOG FRANK NE-E | Wx | Wx TRW- |
| Ppn. | Sol. 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 6 mi. | Vis. mi. | Vis. 6 mi. |

$\bar{T} = 74$ $T_{ENV} = 70/68$ $T_w = 67$
 $CDD = 9$ $T_{RAMOS} = 72/71$ $T_o = 66$
 $\Sigma HDD = 0$
 $\Sigma CDD = 179$
 $\Sigma PCN = 2.56''$

Saturday July 23, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|----------|-------------------|----------------------|-----------------------------------|-------|----------------------|
| Max. | 82 °F | Dir. SW | Temp. 72 °F | *Cont. on recvd. 1800-1815 LT RW- | | |
| Min. | 64 °F | Vel. 4 m.p.h. | Read. 28.78 in. | 1815-1825 LT TRW | | |
| Set | 66 °F | Char. LIGHT | Corr. 28.66 in. | 1825-1835 LT TRW+ | | |
| R.H. | 90 % | 24 hr. Mov. - mi. | Sea L. 29.89 in. | 1835-1840 LT TRW- | | |
| Ppn. | 1.33 in. | Prev. Dir. - | 3 hr. Tend. /+0.4 mb | 1945-2000 LT RW- | | |
| Ppn. | 0 in. | Snow Depth 0 in. | Observer FCS | 2000-2040 LT RW- | | |
| | | | | 0700 | 1300 | 1900 |
| | | | | Clds. 10/10 ST | Clds. | Clds. SC 4/10 TCU CI |
| | | | | Wx MUGGY FEW L- | Wx | Wx A HINT DRIER |
| | | | | Vis. 4 mi. | Vis. | Vis. 10 mi. |

$$\bar{T} = 73$$

$$CDD = 8$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 187$$

$$\Sigma PCN = 3.89''$$

$$T_{UNV} = 68/65$$

$$T_{RMS} = 66/66$$

* 1850-1900 LT RW-

1940-1945 LT RW-

SUNDAY JULY 24, 1994 0700 EST

Meteorological Observatory
University Park, PA

General Obs.

| | | | | | | |
|-------|---------------|-------------------|----------------------|---|-------|-----------------------|
| Temp. | | Wind | Barom. | General Obs. | | |
| Max. | 82 °F | Dir. W | Temp. 72 °F | ~1340-1415 LT TRW - 2345-0130 LT TRW - | | |
| Min. | 66 °F | Vel. 3 m.p.h. | Read. 28.79 in. | | | |
| Set | 68 °F | Char. LGT. | Corr. 28.67 in. | 0700 | 1300 | 1900 |
| R.H. | 90 % | 24 hr. Mov. — mi. | Sea L. 29.89 in. | Clds. 9/10 → | Clds. | Clds. CU 10/10 TCU |
| Ppn. | Liq. 0.14 in. | Prev. Dir. — | 3 hr. Tend. 1+0.5 mb | Wx HAZE | Wx | Wx HAZY |
| Ppn. | Sol. 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 5 mi. | Vis. | Vis. 5 mi. |

$$T = 14$$

$$CDD = 9$$

$$\sum CDD = 196$$

$$\sum HDD = 0$$

$$\sum PCW = 4.03''$$

$$T_{UNV} = 68/65$$

$$T_{TRANS} = 68/67$$

$$T_W = 66$$

$$T_R = 65$$

Monday, July 25, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|----------------------|-------------------------|--------------------------------------|-------------|-------------------|
| Max. | 83 °F | Dir. SSW | Temp. 71 °F | | | |
| Min. | 64 °F | Vel. 3 m.p.h. | Read. 28.77 in. | | | |
| Set | 66 °F | Char. light | Corr. 28.64 in. | 0700 | 1300 | 1900 |
| R.H. | 84 % | 24 hr. Mov. - mi. | Sea L. 29.94 in. | Clds. SC 10/10 AC | Clds. | Clds. Δ 4/10 ☁ |
| Ppn. | Liq. T in. | Prev. Dir. - | 3 hr. Tend. +0.51 mb | Wx ^{around} foggy, Humid | Wx | Wx clear dry |
| Ppn. | Sol. 0 in. | Snow Depth 0 in. | Observer PAF | Vis. 5 mi. | Vis. mi. | Vis. 20 mi. |

$$\bar{T} = 74 \quad T_{\text{onv}} = 66/63 \quad T_w = 63$$

$$CDD = 9 \quad T_{\text{eamos}} = 65/64 \quad T_d = 61$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 205$$

$$\Sigma PCN = 4.03''$$

Tuesday July 26, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|--------------------------|---------------------------------|--------------|---------------------------|--|
| Max. 78 °F | Dir. SW | Temp. 72 °F | 1350 - 1415 LT RW- | | | |
| Min. 64 °F | Vel. 5 m.p.h. | Read. 28.67 in. | | | | |
| Set 66 °F | Char. STEADY | Corr. 28.55 in. | 0700 | 1300 | 1900 | |
| R.H. 84 % | 24 hr. Mov. — mi. | Sea L. 29.77 in. | Clds. SC 10/10 CS BKN OVC | Clds. | Clds. SC 3/10 CS CU | |
| Ppn. Liq. 0.04 in. | Prev. Dir. — | 3 hr. Tend. √ +0.3 mb | Wx HAZY A BIT HUMID | Wx | Wx Subsistent | |
| Ppn. Sol. 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 5 mi. | Vis. mi. | Vis. 20 mi. | |

$\bar{T} = 71$ $T_{UNV} = 66/61$ $T_w = 63$
 $CDD = 6$ $T_{ZONES} = 66/64$ $T_o = 61$
 $\Sigma HDD = 0$
 $\Sigma CDD = 0.211$
 $\Sigma PCN = 4.07''$

Wednesday July 27, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|----------------------|------------------------|----------------------------------|-------------|-------------------|
| Max. | 82 °F | Dir. W | Temp. 72 °F | RW-- 1515 LT (FEW DROPS) | | |
| Min. | 57 °F | Vel. 3 m.p.h. | Read. 28.74 in. | | | |
| Set | 60 °F | Char. light | Corr. 28.61 in. | 0700 | 1300 | 1900 |
| R.H. | 74 % | 24 Hr. Mov. - mi. | Sea L. 29.90 in. | Clds. Ci 6/10 Cc | Clds. | Clds. 10/10 L- |
| Ppn. | Liq. T in. | Prev. Dir. - | 3 hr. Tend. +0.7 mb | Wx a little foggy... but cool | Wx | Wx L- |
| Ppn. | Sol. - in. | Snow Depth - in. | Observer PAF | Vis. 15 mi. | Vis. mi. | Vis. 4 mi. |

$$\bar{T} = 70 \quad T_{UNV} = 59/55 \quad T_w = 55$$

$$CDD = 5 \quad T_{RANOS} = 62/57 \quad T_d = 52$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 216$$

$$\Sigma PCN = 4.07''$$

Thursday July 28, 1944

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|--|--------------|---|--|
| Max. 71 °F | Dir. WNW | Temp. 72 °F | 1145-1500 LT OCNL R-, L- 1500-1600 LT RW- | | | |
| Min. 57 °F | Vel. 5 m.p.h. | Read. 28.72 in. | 1600-2030 INTERMITTENT L- 2030-0300 RW-, OCNL RW 0300-0800 OCNL L- | | | |
| Set 59 °F | Char. STEADY | Corr. 28.60 in. | 0700 | 1300 | 1900 | |
| R.H. 100 % | 24 hr. Mov. - mi. | Sea L. 29.85 in. | Clds. 10/10 NS | Clds. | Clds. - ST 7/10 2w R | |
| Ppn. Liq. 0.51 in. | Prev. Dir. - | 3 hr. Tend. +1.0 mb | Wx L- | Wx | Wx NICE EVENING, BEAUTIFUL ALTOCUMULUS | |
| Ppn. Sol. 0 in. | Snow Depth 0 in. | Observer FCS | Vis. 1.7 mi. FBANK NE | Vis. mi. | Vis. m9 20 mi. | |

$$\begin{aligned}\bar{T} &= 64 & T_{UNV} &= 60/57 & T_W &= 59 \\ HDD &= 1 & T_{RAMOS} &= 58/58 & T_D &= 59 \\ \Sigma HDD &= 1 & & & & \\ \Sigma CDD &= 216 & & & & \\ \Sigma PCN &= 4.58'' & & & & \end{aligned}$$

FRIDAY JULY 29, 1994 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | | Barom. | | General Obs. | | | | | | | |
|-------|-------|-------|-------------|------------|--------|--------|--------------|----------|--|----------|-------------|------|--------|--|
| Max. | 73 °F | | Dir. | - | | Temp. | 74 °F | | * OB AT 1330Z OVERNIGHT LOW 261°F L- OBS, 28 th - OBS 0LT | | | | | |
| Min. | 59 °F | | Vel. | - | | Read. | 28.97 in. | | | | | | | |
| Set | 65 °F | | Char. | CALM | | Corr. | 28.84 in. | | | | | | | |
| R.H. | ~90 % | | 24 hr. Mov. | - | | Sea L. | 30.14 ft. | | 0700 | 1300 | 1900 | | | |
| Clds. | | | | | | | 8/10 | | Clds. | | Clds. often | | | |
| Ppn. | Liq. | 7 in. | | Prev. Dir. | - | | 3 hr. Tend. | +1.2' mb | | Wx | FOG HAZE | | | |
| Wx | | | | | | | | | Wx | PLEASANT | | | | |
| Ppn. | Sol. | 0 in. | | Snow Depth | 0 in. | | Observer | FJG | | Vis. | 3 mi. | | | |
| Vis. | | | | | | | | | Vis. | mi. | | Vis. | 18 mi. | |

$$\bar{T} = 66$$

$$CDD = 1$$

$$\sum HDD = 1$$

$$\sum CDD = 217$$

$$\sum PCN = 4.50$$

$$T_{UNV} @ 12\% \quad 62 \quad T_d = 60$$

$$T_{AMOS} @ 12\% \quad 62 \quad T_d = 61$$

SAT. JULY 30, 1994

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|-------------------|---------------------|--|------------|--------------------|
| Max. | 80 °F | Dir. SSW | Temp. 72 °F | TRW - 0030 - 0130 LT RAPIDLY DISAPTS U FOG IN PENNS VALLEY HAZY ELSEWHERE | | |
| Min. | 65 °F | Vel. 7 m.p.h. | Read. 28.87 in. | | | |
| Set | 66 °F | Char. 5 v 10 | Corr. 28.84 in. | | | |
| R.H. | 90 % | 24 hr. Mov. - mi. | Sea L. 30.15 in. | 0700 Clds. 5/10 | 1300 Clds. | 1900 Clds. 4/10-CI |
| Ppn. Liq. | 0.17 in. | Prev. Dir. - | 3 hr. Tend. +2.0 mb | Wx PTLY CLDY | Wx | Wx HAZE |
| Ppn. Sol. | 0 in. | Snow Depth 0 in. | Observer JHM | Vis. 10 mi. | Vis. mi. | Vis. 5 mi. |

$$\bar{T} = 73$$

$$CDD = 8$$

$$\sum CDD = 225$$

$$\sum HDD = 1$$

$$\sum PCN = 4.75''$$

$$T_w = 64 \quad T_d = 63$$

$$T_d \text{ ramos} = 65$$

$$T_d \text{ unv} = 64$$

$$\bar{T} = 69$$

$$CDD = 4$$

$$\sum CDD = 229$$

$$\sum HDD = 1$$

$$\sum PCU = 4.75$$

$$T_W = 60 \quad T_d = 59$$

$$T_{d \text{ runs}} = 61$$

$$T_{d \text{ unv}} = 58$$