

May 1, 1976

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|--------------------------------------|--------------------|--|-------|-------|
| Max. | 68 °F | Dir. NW | Temp. 70 ° | | | |
| Min. | 42 °F | Vel. 2 m.p.h. | Read. 28.670 | | | |
| Set | 48 °F | Char. <i>Lite</i> <i>Variable</i> | Corr. 28.549 | 0700 | 1300 | 1900 |
| R. H. | 57 % | 24 hr. Mov. 64 | Sea L. 29.861 | Clds. 10/10 Stratus CirroStratus | Clds. | Clds. |
| Ppn. | Liq. — in. | Prev. Dir. E-SE | 3 hr. Tend. -.7 | Wx <i>Cloudy</i> <i>Some</i> <i>Haze</i> | Wx | Wx |
| Ppn. | Sol. — in. | Snow Depth — in. | Observer Chez | Vis. 7 mi | Vis. | Vis. |

Max = 68.4

Min = 42.2

Set = 47.9

Tw = 41.4

To = 33.5

R.H. = 57%

max set at 49.4

Peak Gust of

28Kts at 4:06 P.M.

April 30, 1976

May 2, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|------------------------|-----------------------|--|---------------|---------------|--|
| Max. 59 °F | Dir. S-SW | Temp. 68 | Few BKNVC, Foggy, Very Light Rain at OBS Time 8:30 a.m. Sun Occasional Vis | | | |
| Min. 47 °F | Vel. 5 m.p.h. | Read. 28.577 | | | | |
| Set 49 °F | Char. Lite & Steady | Corr. 28.462 | | | | |
| R. H. 92 % | 24 hr. Mov. 128 | Sea L. 29.795 | 0700 Clds. 10/10 Stratus Ca | 1300 Clds. | 1900 Clds. | |
| Ppn. Liq. .21 in. | Prev. Dir. S-SE | 3 hr. Tend. +0.8 ✓ | Wx R-- Fog | Wx | Wx | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer Chcz | Vis. 3 mi | Vis. | Vis. | |

max = 58.7
min = 47.0
Set = 49.0
Tw = 47.8
Td = 46.8
RH = 92%

Peak Gust of 32 kts
At 9:08 P.M. EDT
in May 1, 1976

MAY 3, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------|---------------|---------------------------|---------------------------|--|---------------|---------------|
| Max. 68 °F | | Dir. SW | Temp. 64 | RAIN BEGAN ABOUT 0735 EDT ENDED ABOUT 0845 EDT RB 1802 EDT | | |
| Min. 41 °F | | Vel. 15 6.30 m.p.h. | Read. 28.629 | | | |
| Set 41 °F | | Char. GUSTY | Corr. 28.525 | | | |
| R. H. 82 % | | 24 hr. Mov. 163 | Sea L. 29.865 | 0700 Clds. P/10 N6St | 1300 Clds. | 1900 Clds. |
| Ppn. .02 in. | Liq. | Prev. Dir. S | 3 hr. Tend. +2.9 ✓ PRR | Wx RW- | Wx | Wx |
| Ppn. - in. | Sol. - in. | Snow Depth - in. | Observer P.S. | Vis. 7 mi | Vis. | Vis. |

$T_{SEF} = 40.7$

$T_W = 38.4$

$T_D = 35.5$

$RH = 82\%$

PK GUST 29 KTS @ 0219 EST

MAY 9, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------------|---------------------------------|-------------------------------|--|---------------|---------------|--|
| Max. 53 °F | Dir. WSW | Temp. 70 | VIRGA S-SW: OBS TIME SW - B 1140 EDT E 1150 | | | |
| Min. 36 °F | Vel. 14.622 m.p.h. | Read. 28.982 | | | | |
| Set 37 °F | Char. STEADY | Corr. 28.860 | | | | |
| R. H. 77 % | 24 hr. Mov. 237 | Sea L. 30.252 | 0700 Clds. <i>Scn</i> <i>100</i> <i>01000</i> | 1300 Clds. | 1900 Clds. | |
| Ppn. Liq. .01 in. | Prev. Dir. SW-W | 3 hr. Tend. +2.8mb/ | Wx | Wx | Wx | |
| Ppn. Sol. - in. | Snow Depth - in. | Observer P.K. | Vis. 35+ | Vis. | Vis. | |

$T_{SET} = 37.1^{\circ}F$

$T_{W.R.} = 33.4^{\circ}F$

$T_{D.R.} = 30.6^{\circ}F$

R.H. = 77%

PEAK WIND OF 34 KTS. AT 12:15 P.M. E.S.T. ON
5/3/76

ALSO FREQUENT GUSTS ABOVE 30 KTS.

BETWEEN 8:30 A.M. + 5 P.M. E.S.T. ON 5/3/76.

5 MAY 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | |
|-------|---------------------|-------------|----------|-------------|---|-------|-------|--------|
| Max. | 54 °F | Dir. | SW | Temp. | DRAMATIC WARMING, BEAUTIFUL SINCE SET. BEAUTIFUL SUNRISE. | | | |
| Min. | 39 37 °F | Vel. | 5 m.p.h. | Read. | | | | 28.977 |
| Set | 47 °F | Char. | STEADY | Corr. | | | | 28.853 |
| R. H. | 51 % | 24 hr. Mov. | W-SW | Sea L. | 30.216 | 0700 | 1300 | 1900 |
| Ppn. | — in. | Prev. Dir. | — | 3 hr. Tend. | +1.0 mb | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | — in. | Observer | TR | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 35+ | | |

T_{MAX} = 54

T_{MIN} = 39

T_{SET} = 47

T_w = 30.

MAX WIND GUST

10:40 AM EST

4 MAY 1976

26 KTS.

MAY 6, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-----------|-------|--------------|----------------|-------------|---------|--------------------------|-------|-------|
| Max. | 80 °F | Dir. | SW | Temp. | 74 | | | |
| Min. | 47 °F | Vel. | 7617 m.p.h. | Read. | 28.888 | | | |
| Set | 67 °F | Char. | GUSTY | Corr. | 28.757 | | | |
| R. H. | 39 % | hr. Mov. | 130 + | Sea L. | 30.075 | 0700 | 1300 | 1900 |
| | | | | | | Clds. Ci + 14/10 Accu | Clds. | Clds. |
| Ppn. Liq. | — in. | Prev. Dir. + | SW-S | 3 hr. Tend. | +1.1mb/ | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth | — in. | Observer | P.K. | Vis. | Vis. | Vis. |
| | | | | | | 35+ | | |

TSET = 66.7°F

TWB = 52.7°F

TDR = 41.0°F

D.H.# 3970

**
Pressure Tendency WAS APPROXIMATE

NEW CHARTS PUT ON SIX CLOCK STOPPED AT 11 A.M.

AT ~2:00 P.M. E.S.T. ON

5/5/76

TERMS ARE ONLY FOR 18 HRS.

PEAK WIND OF 25 KTS AT 2:02 P.M. E.S.T. ON 5/5/76

NOTE: SIG WINDS TO + ABOVE 20 KTS.

TILL ~5:30 P.M. E.S.T.

MAY 7, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------|------|------------------------|-----------------------|---|---------------|---------------|
| Max. 77 °F | | Dir. SSW | Temp. 76 | DARK WEST - scattered clouds + sun East | | |
| Min. 58 °F | | Vel. 6 m.p.h. | Read. 28.678 | | | |
| Set 62 °F | | Char. STEADY | Corr. -0.542 | | | |
| R. H. 79 % | | 24 hr. Mov. 14/2 | Sea L. 29.849 | 0700 Clds. 8/10 ACu+Cu | 1300 Clds. | 1900 Clds. |
| Ppn. .07 in. | Liq. | Prev. Dir. VAR S-SW | 3 hr. Tend. +0.1 ✓ | Wx HAZE | Wx | Wx |
| Ppn— in. | Sol. | Snow Depth — in. | Observer P.S. | Vis. 8 mi. | Vis. | Vis. |

$T_{SET} = 61.5$

$T_W = 57.5$

$T_D = 54.8$

$RH = 79\%$

WIND GUST 24 KTS @ 1035 EST

MAY 8 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------------|-------------|--------------------------------------|-------------------|--------------------|-------|-------|
| Max. 65 °F | | Dir. W | Temp. 68 | | | |
| Min. 34 °F | | Vel. 5 m.p.h. | Read. 29.03 | | | |
| Set 39 °F | | Char. STEADY | Corr. 28.91 | 0700 | 1300 | 1900 |
| R. H. 10 50 % | | 24 hr. Mov. 150 300 | Sea L. 30.25 | Clds. No clouds | Clds. | Clds. |
| Ppn. T | Liq. in. | Prev. Dir. SW | 3 hr. Tend. +3 | Wx Fair | Wx | Wx |
| Ppn. — | Sol. in. | Snow Depth — in. | Observer JB | Vis. 351 | Vis. | Vis. |

PK WIND 48 Kts at 6:10 P.M.

29.03
 $- 0.1272$

 28.9028
 $+ 1.85$

 30.7528
 30.25

$I_{m-88} (12 Hrs)$
 $\frac{I}{24 (Hours)} = 50$

MAY 9, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|---------------------|---------------------------|--|---------------|---------------|
| Max. | 57 °F | Dir. SW | Temp. 72 72 | Alto Cu west Mvng east Barometer Readjusted to correct pressure | | |
| Min. | 35 °F | Vel. 5 m.p.h. | Read. 28.97 | | | |
| Set | 41 °F | Char. steady | Corr. 28.845 | | | |
| R. H. | % 130 | 24 hr. Mov. | Sea L. 30.24 | 0700 Clds. 3/10 AC | 1300 Clds. | 1900 Clds. |
| Ppn. | Liq. — in. | Prev. Dir. SW | 3 hr. Tend. +3/ | Wx FAIR | Wx | Wx |
| Ppn. | Sol. — in. | Snow Depth — in. | Observer B | Vis. 35+ | Vis. | Vis. |

2:36 P.M.

48 Kts
GUST

Peak

30235

+ 1.39
28.845

- .125
28.97

Aug 46

MAY 10, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|-------------|--------|--------------|-------|-------|
| Max. | 68 °F | Dir. | SSW | Temp. | FEW CI | | |
| | | | | 74 | | | |
| Min. | 41 °F | Vel. | 5 m.p.h. | Read. | | | |
| | | | | 28.911 | | | |
| Set | 54 °F | Char. | LIGHT | Corr. | | | |
| | | | | 28.779 | | | |
| R. H. | 57 % | 24 hr. Mov. | 152 | Sea L. | 0700 | 1300 | 1900 |
| | | | | 30.110 | Clds. | Clds. | Clds. |
| | | | | | 0/10 | | |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | Wx |
| | | SW | +1.0/ | | | | |
| | in. | | | | | | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | Vis. |
| | | | P.S. | 15 mi. | | | |
| | in. | | | | | | |

$T_{SET} = 54.4$

$T_W = 46.9$

$T_b = 39.4$

$RH = 57\%$

1K WIND 20 KTS @ 1540 EST

MAY 11, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|---------------------|---------------------|---|---------------|---------------|
| Max. | 79 °F | Dir. S | Temp. 75 | DARK S-SW AT 8:00 A.M. E.D.T. TRN - 2:00 P.M. EST (ECLIPSE TRN) OCL LIG CL | | |
| Min. | 54 °F | Vel. 7 m.p.h. | Read. 28.740 | | | |
| Set | 59 °F | Char. STEADY | Corr. 28.606 | | | |
| R. H. | 48 % | 24 hr. Mov. 126 | Sea L. 29.918 | 0700 Clds. 10% AS CU | 1300 Clds. | 1900 Clds. |
| Ppn. | Liq. — in. | Prev. Dir. S-SW | 3 hr. Tend. +3mb | Wx | Wx | Wx |
| Ppn. | Sol. — in. | Snow Depth — in. | Observer R.K. | Vis. 8 miles | Vis. | Vis. |

TSET = 59.3°F

TW.B. = 52.3°F

TDR = 41.5°F

R.H. = 48%

PEAK WIND GUST OF 20KTS. AT { 11:57 A.M.
12:17 P.M. E.S.T.
12:53 P.M.
1:07 P.M. ON
3:02 P.M. 9/10/16

MAY 12 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|-------------------------------|-----------------------|-----------------------------------|---------------|---------------|
| Max. | 67 °F | Dir. W-WNW | Temp. 67 | OBSCUR - CLEARING SKIES SOUTH. | | |
| Min. | 39 °F | Vel. 10 m.p.h. | Read. 28.750 | | | |
| Set | 42 °F | Char. BUSTY | Corr. 28.637 | | | |
| R. H. | 52 % | 24 hr. Mov. 118 | Sea L. 29.997 | 0700 Clds. VAR. 3/10 ST CU | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | 0.20 in. | Prev. Dir. S-SW TO W-NW | 3 hr. Tend. +3.0mb | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer T.R | Vis. 2.5mi. | Vis. | Vis. |

PK WIND

AT 4:17 EST

11 MAY 76
OF 21 KTS.

$T_{MAX} = 67$
 $T_{MIN} = 39$
 $T_{SET} = 42$
 $T_w = 33$

MAY 13, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|------------------------|---------------------------------------|----------------------------------|-------|-------|
| Max. | 21 °F | Dir. ESE | Temp. 69 | | | |
| Min. | 34 °F | Vel. 2 m.p.h. | Read. 28.989 | | | |
| Set | 44 °F | Char. light | Corr. 28.870 | 0700 | 1300 | 1900 |
| R. H. | 63 % | 24 hr. Mov. 113 | Sea L. 30.263 | Clds. 9/10 ^{thin} ci | Clds. | Clds. |
| Ppn. | Liq. — in. | Prev. Dir. WNW-VAR. | 3 hr. Tend. +1.8 _{in.} 65 | Wx | Wx | Wx |
| Ppn. | Sol. — in. | Snow Depth — in. | Observer P.K. | Vis. 35+ | Vis. | Vis. |

$T_{SET} = 43.9^{\circ}F$

$T_{W.B.} = 37.5^{\circ}F$

$T_{D.R.} = 31.9^{\circ}F$

$R.H. = 63\%$

PEAK WIND OF 24 KTS AT 2:30 P.M. G.S.T. ON

5/12/76

MAY 14, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|------------------|------------------------|-----------------------|-----------------------------------|--------------|-------|--|
| Max. 72 °F | Dir. S | Temp. 71 | SUN DIMLY VISIBLE | | | |
| Min. 44 °F | Vel. 4 m.p.h. | Read. 28.840 | SUN BINOC AFTERNOON | | | |
| Set 61 °F | Char. LIGHT | Corr. 28.716 | 0700 | 1300 | 1900 | |
| R. H. 69 % | 24 hr. Mov. 118 | Sea L. 30.053 | Clds. 10/10 CI | Clds. | Clds. | |
| Ppn. — in. | Prev. Dir. SSW | 3 hr. Tend. +0.2 ✓ | Wx HAZE | Wx | Wx | |
| Ppd. — in. | Snow Depth — in. | Observer P.S. | Vis. 8 mi | Vis. | Vis. | |

$T_{SET} = 60.9$

$T_w = 55.0$

$T_0 = 50.8$

$RH = 69\%$

PK Gust 17KTS @ 1157 EST

MAY 15, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|------------------|---------------------|-------------------------|--|---------------|---------------|
| Max. | 80 °F | Dir. ENE | Temp. 72 | HAZY SUNSHINE THROUGH LIGHT FOG, HAZE AND SOME AS + AC FOG - 700' THK | | |
| Min. | 61 °F | Vel. 2 m.p.h. | Read. 28.86 | | | |
| Set | 63 °F | Char. LIGHT | Corr. 28.734 | | | |
| R. H. | 94 % | 24 hr. Mov. 76 | Sea L. 30307 | 0700 Clds. 3/10 AS 10/10 CIR | 1300 Clds. | 1900 Clds. |
| Ppn. | Liq. 0.05 in. | Prev. Dir. SW-E | 3 hr. Tend. +3/4 mb/ | Wx Fair | Wx | Wx |
| Ppn. | Sol. — in. | Snow Depth — in. | Observer B.M. | Vis. 4 mi. | Vis. | Vis. |

MAX = 80.0°

MIN = 61°

SET = 62.5°

T_W = 61.7°

T_D = 61.0°

PW 32°KTS

MAY 16, 1976
0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------------------|---------------------|----------------------------|----------------------|---|---------------|---------------|
| Max. 83 °F | | Dir. SE | Temp. 74° | RW - IN LAST HOUR. ① SC w/ AS PROBABLY ② VISBL BETWEEN SC BREAKS | | |
| Min. 64 °F | | Vel. 7 m.p.h. | Read. 28.753" | | | |
| Set 68 °F | | Char. LIGHT W/ OCNL G15 | Corr. 28.622" | | | |
| R. H. 81 % | | 24 hr. Mov. 164 | Sea L. 29.922" | 0700 Clds. 7/10 SC 10/10 AS | 1300 Clds. | 1900 Clds. |
| Ppn. 0.35 in. | Liq. 0.35 in. | Prev. Dir. SE | 3 hr. Tend. STDY. | Wx Fair | Wx | Wx |
| Ppn. — in. | Sol. — in. | Snow Depth — in. | Observer R.M. | Vis. 20mi | Vis. | Vis. |

$$T_{MAX} = 83^{\circ}$$

$$T_{MIN} = 64^{\circ}$$

$$T_{SET} = 68^{\circ}$$

$$T_W = 65^{\circ}$$

$$T_D = 63^{\circ}$$

MAY 17, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|---------------------|------------------------|--|---------------|---------------|
| Max. | 74 °F | Dir. SSW | Temp. 76 °F | ACU CASTELLANUS S-W FILM 0920 to 0830 E.P.T. | | |
| Min. | 57 °F | Vel. 2 m.p.h. | Read. 28.678 | | | |
| Set | 58 °F | Char. STEADY | Corr. 28.542 | | | |
| R. H. | 84 % | 24 hr. Mov. 100 | Sea L. 29.861 | 0700 Clds. ACU 8/10 | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | .51 in. | Prev. Dir. S | 3 hr. Tend. + .8 mb | Wx ocnl RW- | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer P. K. | Vis. 15 miles + | Vis. | Vis. |

$T_{SET} = 58.3^{\circ}F$

$T_{WB} = 56.6^{\circ}F$

$T_{DP} = 53.6^{\circ}F$

R.H. = 81%

PEAK WIND \approx 2 KTS. AT 6:46 P.M. E.S.T. ON
(DURING TRW+) MAY 16, 1976

MAY 15 1970 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------|-------------------|---------------------|--------------------|---------------|-------|------|
| Max. 77 °F | Dir. W | Temp. 60 | OCLLD R RH - X | | | |
| Min. 55 °F | Vel. 7 m.p.h. | Read. 28.421 | | | | |
| Set 55 °F | Char. Gusty | Corr. 28.322 | | | | |
| R. H. 95 % | 24 hr. Mov. 84 | Sea L. 27.629 | Clds. 10/10 NBS | Clds. | Clds. | |
| Ppn. .23 in. | Liq. VAR S | Prev. Dir. + 2 ✓ | 3 hr. Tend. | Wx R- | Wx | Wx |
| Ppn. — in. | Sol. — in. | Snow Depth — in. | Observer R.S. | Vis. 6 mi. | Vis. | Vis. |

T₁ 55.3

T₂ 54.0

T₃ 53.9

RT 95.6

PK 6.05 18.41 @ 10.3-6.5T

MAY 19 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | | | | |
|-------|-------|-------------|-------------------|-------------|--|-------|---------------------|--------|--|-------|------|
| Max. | 55 °F | Dir. | SW | Temp. | VIRGA over Tussy Ridge 0645 SNOW FLURRIES RUNNING UP Tussy Ridge AT 0650 AND, 0715 NO FLAKES OBSERVED AT TOWER. 0658 - ∇ with ∇ and same @ 0752! BINOC @ 0745 EST. | | | | | | |
| Min. | 38 °F | Vel. | 6 20 15 m.p.h. | Read. | | | | 28.512 | | | |
| Set | 39 °F | Char. | GUSTY | Corr. | | | | 28.408 | | | |
| R. H. | 70 % | 24 hr. Mov. | 146 | Sea L. | 27.778 | Clds. | 10/ STEW 10 LOW? | Clds. | * FEW SNOW FLAKES AND 1 P OBSERVED AT 7:55 EST | Clds. | 1900 |
| Ppn. | Liq. | Prev. Dir. | W-WSW | 3 hr. Tend. | +1.0 mb | Wx | | Wx | | Wx | |
| Ppn. | Sol. | Snow Depth | - in. | Observer | TR | Vis. | 15 MI (VAR) | Vis. | | Vis. | |

WIND GUST OF
50 KTS AT
9:10 EST
19 MAY 76

$T_M = 57$

$T_{MIN} = 38$

$T_{SET} = 39$

$T_W = 30$

$RH = 70\%$

PK WIND OF 21 KTS AT
5:38 AM. EST ON
19 MAY 1976.

NOON 5/19/76

SW along Tussey

RT 26 PASS

OVER RIDGE IS

OBSURED

12:30 EDT PM

SW - SNOW SMALL

MOVED FROM NNW

to SSE

MAY 20, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|---------------------------|------------------------|----------------------|-------|-------|
| Max. | 51 °F | Dir. WSW | Temp. 68 | | | |
| Min. | 39 °F | Vel. 11 5/16 m.p.h. | Read. 28.675 | | | |
| Set | 51 °F | Char. GUSTY | Corr. 28.559 | 0700 | 1300 | 1900 |
| R. H. | 51 % | 24 hr. Mov. 278 | Sea L. 29.913 | Clds. 4/10 Aca | Clds. | Clds. |
| Ppn. Liq. | .04 in. | Prev. Dir. WSW | 3 hr. Tend. +1.2mb/ | Wx | Wx | Wx |
| Ppn. Sol. | T in. | Snow Depth — in. | Observer P.K. | Vis. 35+ | Vis. | Vis. |

$T_{SET} = 50.7^{\circ}F$

$T_{W.B} = 42.3^{\circ}F$

$T_{D.P.} = 33.0^{\circ}F$

R.H. = 51%

PEAK WIND OF 37 KTS. AT 7:17 P.M. E.S.T. ON
5/19/76

MAY 21, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|--------------------|------------------------|----------------------|---|-------|-------|
| Max. | 71 °F | Dir. SW | Temp. 71 | TCU S-W AT 0750 EDT MVG. NNE | | |
| Min. | 51 °F | Vel. 5612 m.p.h. | Read. 28.627 | DISSPTD - 0835 EDT GUST TO 40KTS AT 11:55 AM EDT | | |
| Set | 63 °F | Char. STEADY | Corr. 28.504 | 0700 | 1300 | 1900 |
| R. H. | 62 % | 24 hr. Mov. 198 | Sea L. 29.816 | Clds. 3/10 Cu | Clds. | Clds. |
| Ppn. | Liq. .02 in. | Prev. Dir. SW-S | 3 hr. Tend. +0mb- | Wx | Wx | Wx |
| Ppn. | Sol. — in. | Snow Depth — in. | Observer P.K. | Vis. 8 miles | Vis. | Vis. |

$T_{SET} = 62.7^{\circ}F$

$T_{WB} = 57.8^{\circ}F$

$T_{D.P.} = 49.5^{\circ}F$

R.H. = 62%

PEAK WIND OF 35 KTS. AT 4:03 P.M. E.S.T. ON

5/20/76

MAY 22, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|----------------------|-----------------------|------------------------------|---------------|---------------|
| Max. | 72 °F | Dir. WNW | Temp. 69 | FEW CU OVER BALD EAGLE RIDGE | | |
| Min. | 43 °F | Vel. 5 m.p.h. | Read. 28.777 | | | |
| Set | 48 °F | Char. GUSTY | Corr. 28.659 | | | |
| R. H. | 74 % | 24 hr. Mov. 107 * | Sea L. 30.010 | 0700 Clds. CLEAR | 1300 Clds. | 1900 Clds. |
| Ppn. | — in. | Prev. Dir. SW-W | 3 hr. Tend. + 8mbT | Wx | Wx | Wx |
| Ppn. | — in. | Snow Depth — in. | Observer P.K. | Vis. 35+ | Vis. | Vis. |

T_{SET} = 48.2°F

T_{W.B.} = 44.5°F

T_{DB} = 40.4°F

R.H. = 74%

+ CHARTS CHANGED

AT

12:20 P.M.

E.S.T.

ON 5/21/76

only 19 1/2 hr.

TOTALS

ACCOUNTED FOR.

PEAK WIND IF 35 KTS. AT 12:32

1:07

2:15 P.M. E.S.T.

NOTE: FREQUENT GUSTS TO NEAR 40 KTS
BETWEEN 11:00 A.M. + 12:20 P.M.

ON 5/21/76

May 23, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | |
|-------|-------|-------------|----------|-------------|----------------------------------|----------------------------------|-------|--------|
| Max. | 67 °F | Dir. | SSW | Temp. | 7:45 A.M. EST - Cu Bldg. Rapidly | | | |
| | | | | 67 | | | | |
| Min. | 39 °F | Vel. | 2 m.p.h. | Read. | | | | 28.725 |
| Set | 45 °F | Char. | Gusty | Corr. | 28.611 | | | |
| R. H. | 86 % | 24 hr. Mov. | 210 | Sea L. | 29.955 | 0700 | 1300 | 1900 |
| | | | | | | Clds. 2/10 Cirrus | Clds. | Clds. |
| Ppn. | 0 in. | Prev. Dir. | W | 3 hr. Tend. | +4 | Wx | Wx | Wx |
| | | | | | | Wx ^{Some Haze} Sunny | | |
| Ppn. | - in. | Snow Depth | - in. | Observer | Chez | Vis. | Vis. | Vis. |
| | | | | | | 15 mi | | |

max = 67.2
min = 38.9
Set = 45.0
Tw = 43.1
Td = 41.1
R.H. = 86%

Peak Gust of
~~30~~²⁵ kts.
at 1:44 p.m.
on May 24/976

SET = 48.0°F

T_w = 43.4°F

T_d = 38.4°F

R.H. = 69%

PEAK WIND of 12 KTS

at 10:53 A.M.

1:42 P.M.

on May 23, 1976

25 MAY 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | | | |
|-------|----------|------------|--|--------------|--------|-------|-------|-------|
| Max. | Dir. | Temp. | ACCAS N 0730 RB 2:56 P.M. EDT RW- TB 3:35 P.M. EDT RW-occur RW Flow 2:50-3:30 | | | | | |
| 69 °F | NNE | 66 | | | | | | |
| Min. | Vel. | Read. | | | | | | |
| 43 °F | 6 m.p.h. | 28.665 | Set | Char. | Corr. | 0700 | 1300 | 1900 |
| 46 °F | STDY | 28.555 | R. H. | 24 hr. Mov. | Sea L. | Clds. | Clds. | Clds. |
| 82 % | 114 | 28.897 | 3/10 Ac | | | | | |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | | |
| — | in. | NE | 4.3 ✓ | FH | | | | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | | |
| — | in. | — in. | UL | 5 | | | | |

T 45.8

T_w 43.3

T_d 40.6

RH 82%

PK WIND 19KTS 1848 EST 24 MAY
1915

MAY 26, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|---------------------|------------------------|------------------------------|---------------|---------------|--|
| Max. * 63 °F | Dir. NE | Temp. 64 | | | | |
| Min. 45 °F | Vel. 4 m.p.h. | Read. 28.823 | | | | |
| Set 45 °F | Char. light | Corr. 28.717 | | | | |
| R. H. 100 % | 24 hr. Mov. 76 | Sea L. 30.083 | 0700 Clds. 19% STRATUS | 1300 Clds. | 1900 Clds. | |
| Ppn. Liq. 1.60 in. | Prev. Dir. NE-SE | 3 hr. Tend. +1.8mb/ | Wx RW-ocul RW | Wx | Wx | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer P.K. | Vis. 7 miles | Vis. | Vis. | |

* -MAX THERMOMETER NOT RESET PROPERLY

TSET - 45.0

TW.B - 45.0

TD.P - 45.0

R.H. = 100%

PK WIND of 17 KTS. AT 2:28 P.M. E.S.T. on 5/25/6
↓
DURING TRWT

$T = 48.1$

$T_w = 47.8$

$T_d = 47.5^\circ F$

$R = 98\%$

PEAK WIND 7 KTS

12:54 p.m.

3:04 a.m.

26 MAY 1976

MAY 28, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|------------------|-------------|--------|--|-------|-------|
| Max. | 74 °F | Dir. | N | Temp. | 69°F | Ground Fog - Especially NE end of Valley obscuring most of Mt. Nittany | | |
| Min. | 46 °F | Vel. | 3 m.p.h. | Read. | 29.038 | | | |
| Set | 52 °F | Char. | Light & Variable | Corr. | 28.919 | | | |
| R. H. | 89 % | 24 hr. Mov. | 54 | Sea L. | 30.259 | 0700 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. | S | 3 hr. Tend. | +1.2 ✓ | Clds. Cirrus 3/10 | Clds. | Clds. |
| Ppn. | - in. | Snow Depth | - in. | Observer | Chez | Wx Hazy Sunshine | Wx | Wx |
| | | | | | | Vis. 4 mi Ground Fog | Vis. | Vis. |

max = 74.3

min = 46.2

Set = 51.9

$T_w = 49.4$

$T_d = 47.2$

R.H. = 89%

Peak Wind of

24 kts at 3:17 p.m.

on May 27th
1976

MAY 29, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------------------------------|------------------------|------------------------|-------------------------------|---------------|---------------|
| Max. | 76 °F | Dir. SSE | Temp. 73 | OCCNL SPRINKLES AT 0630 EDT | | |
| Min. | 52 ³ 58 °F | Vel. 5 m.p.h. | Read. 28.881 | | | |
| Set | 59 °F | Char. STEADY | Corr. 28.752 | | | |
| R. H. | 77 % | 24 hr. Mov. 97 | Sea L. 30.070 | 0700 Clds. 10/10 STAMUS | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | T in. | Prev. Dir. SE-S | 3 hr. Tend. + 0.6 - | Wx | Wx | Wx |
| Ppn. Sol. | - in. | Snow Depth None in. | Observer P.K. | Vis. 6 miles | Vis. | Vis. |

$T_{SET} = 59.4^{\circ}F$

$T_{W.B.} = 55.0^{\circ}F$

$T_{D.P.} = 51.8^{\circ}F$

$R.H. = 77\%$

PEAK WIND OF 21 KTS. AT 2:20 AM E.S.T. ON
5/29/76

MAY 30, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|---------|-------------|----------|-------------|--------|--------------|-------|-------|
| Max. | 69 °F | Dir. | NE | Temp. | 69 | | | |
| Min. | 58 °F | Vel. | 5 m.p.h. | Read. | 28.700 | | | |
| Set | 58 °F | Char. | STEADY | Corr. | 28.582 | | | |
| R. H. | 99 % | 24 hr. Mov. | 123 | Sea L. | 29.912 | 0700 | 1300 | 1900 |
| | | | | | | Clds. | Clds. | Clds. |
| Ppn. | .25 in. | Prev. Dir. | SE | 3 hr. Tend. | +0.35 | Wx | Wx | Wx |
| | | | | | | R-F | | |
| Ppn. | — in. | Snow Depth | — in. | Observer | P.S. | Vis. | Vis. | Vis. |
| | | | | | | 1 mi. | | |

$T_{\text{SET}} = 58.1$

$T_W = 58.0$

$T_D = 57.8$

$R_H = 99\%$

NO GUSTS OVER 10 KTS.

MAY 31, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|---------|-------------|---------------------|-------------|--|-------|-------|
| Max. | 64 °F | Dir. | SW | Temp. | 8:30 ^{A.M.} EDT - FEW BKNVC SUN OCNLY VISIBLE | | |
| Min. | 58 °F | Vel. | 1 m.p.h. | Read. | RB 4:27 AM RE 9:37 AM RB 10:48 A.M. EDT RE 11:40 AM 11:48 - BKNVC - NU | | |
| Set | 62 °F | Char. | Light | Corr. | 28.560 | | |
| R. H. | 92 % | 24 hr. Mov. | 60 | Sea L. | 0700 | 1300 | 1900 |
| Ppn. | .55 in. | Prev. Dir. | E 2 A.M. EDT → S | 3 hr. Tend. | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | — in. | Observer | 10/10 Stratoc | | |
| | | | | | Wx Fog, HAZE | Wx | Wx |
| | | | | | Vis. 3 mi | Vis. | Vis. |
| | | | | | | | |

FORM NO. 1 (REV. 1-65) U.S. GOVERNMENT PRINTING OFFICE: 1965 O - 354-000

$T_{max} = 63.7$

$T_{min} = 57.7$

$T_{set} = 62.1$

$T_w = 60.5$

$T_d = 59.6$

R.H. = 92%

* Note

max Thermometer

Set at 64.6 (would go no lower
- was accidentally touched - that's how
it got that high)

Peak wind of

24 kts at 7:09 A.M. and

7:10 A.M. on

May 31, 1976