

12-1-76

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|----------|-------------|----------------|-------|-------|
| Max. | 17 °F | Dir. | SW | Temp. | RECORD LOW MAX | | |
| Min. | 7 °F | Vel. | 2 m.p.h. | Read. | | | |
| Set | 14 °F | Char. | Steady | Corr. | | | |
| R. H. | 72 % | 24 hr. Mov. | 155 | Sea L. | 0700 | 1300 | 1900 |
| Ppn. | — in. | Prev. Dir. | SSW | 3 hr. Tend. | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | 1 in. | Observer | Wx | Wx | Wx |
| | | | | | Wx | Wx | Wx |
| | | | | | Vis. | Vis. | Vis. |

4 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Ts 14

Top 8

RH 72 %

Peak wind - 26 Kts - 1250 PM

12-2-76

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|------------------|-------------|--------|--------------|--------|-------|
| Max. | 32 °F | Dir. | SW | Temp. | 60 | | | |
| Min. | 14 °F | Vel. | V 5/10 m.p.h. | Read. | 28.691 | | | |
| Set | 31 °F | Char. | Variable | Corr. | 28.596 | | | |
| R. H. | 70 % | 24 hr. Mov. | 180 | Sea L. | 30.016 | 0700 | 1300 | 1900 |
| Ppn. | — in. | Prev. Dir. | S | 3 hr. Tend. | 2 \ | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | 1 in. | Observer | GK | 10/10 sky | Cloudy | |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 5-8 mi | | |

$T_s - 31$

$T_{op} - 22$

RH - 70%

Peak Wind - 20 Kts 320 PM

DEC 3, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-----------------|------|---------------------|--|----------------------|------------------------------------|---------------|---------------|
| Max. 32 °F | | Dir. SSW | | Temp. 59 | * RECORD MIN | | |
| Min. 1 °F | | Vel. 6 m.p.h. | | Read. 29.092 | | | |
| Set 2 °F | | Char. STEADY | | Corr. 29.000 | | | |
| R. H. 87 % | | 24 hr. Mov. 222 | | Sea L. 30.500 | 0700 Clds. 5/10 2.5+ 2.24 | 1300 Clds. | 1900 Clds. |
| Ppn. .02 in. | Liq. | Prev. Dir. NW | | 3 hr. Tend. +1.25 | Wx | Wx | Wx |
| Ppn. 0.3 in. | Sol. | Snow Depth 1 in. | | Observer P.S. | Vis. 35+ mi | Vis. | Vis. |

105-20 105-20 105-20 105-20 105-20 105-20 105-20 105-20 105-20 105-20

$T_{SET} = 2.4$

$T_w = 1.9$

$T_D = -0.7$

$RH = 87$

PK GUST 36 KMS @ 1459 EST

~~28.88~~
29.80
+1.40
30.30

DECEMBER 5, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|-----------------------|-----------------------|-----------------------|---------------|---------------|
| Max. | 28 °F | Dir. SSW | Temp. 57 | | | |
| Min. | 18 °F | Vel. 5 m.p.h. | Read. 29.166 | | | |
| Set | 21 °F | Char. STEADY | Corr. 29.079 | | | |
| R. H. | 67 % | 24 hr. Mov. 127 | Sea L. 30.533 | 0700 Clds. 0/10 | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | .02 in. | Prev. Dir. S-W-SSW | 3 hr. Tend. +1.6 J | Wx CLEAR | Wx | Wx |
| Ppn. Sol. | .3 in. | Snow Depth .3 in. | Observer L.T. | Vis. 8 mi | Vis. | Vis. |

$T_{SET} = 21$

$T_D = 12$

R.H. = 67%

PEAK WIND 16 KTS. AT 12:36 AM E.S.T.
DEC 5, 1976

DEC. 6, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|-------------|-------------------|--------------|-------|-------|
| Max. | 37 °F | Dir. | NW | Temp. | RED SUNRISE | | |
| | | | | 60 | | | |
| Min. | 17 °F | Vel. | 0 m.p.h. | Read. | | | |
| | | | | 29.171 | | | |
| Set | 17 °F | Char. | CALM | Corr. | | | |
| | | | | 29.075 | | | |
| R. H. | 95 % | 24 hr. Mov. | 44 | Sea L. | 0700 | 1300 | 1900 |
| | | | | 30.525 | Clds. | Clds. | Clds. |
| | | | | | 10 Ci | | |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| | | VAR S-NW | -0.7mb | HAZE Ground by | | | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | |
| | | J in. | P.S. | 5 mi | | | |

$T_{\text{wet}} = 17.3$

$T_w = 17.0$

$T_D = 16.2$

$RH = 95\%$

NO GUSTS OVER 60 KTS.

12-7-76

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------------------|---------------------|--------------------|-------------------------------|---------------|---------------|
| Max. | 40 °F | Dir. NW | Temp. 60 | | | |
| Min. | 16 °F | Vel. 2 m.p.h. | Read. 28.461 | | | |
| Set | 34 °F | Char. light | Corr. 28.366 | | | |
| R. H. | 95 % | 24 hr. Mov. 115 | Sea L. 29.746 | 0700 Clds. 10% obscured | 1300 Clds. | 1900 Clds. |
| Ppn. | Liq. 1.40 in. | Prev. Dir. WNW | 3 hr. Tend. 2 \ | Wx cloudy RAIN fog | Wx | Wx |
| Ppn. | Sol. 1 1/2 in. | Snow Depth 1 in. | Observer GK | Vis. 4 mi | Vis. | Vis. |

Ts 34

Top 33

RH 95%

Peak Wind 18 Kts - MDNT
19 Kts - 515 PHT

12-8-76

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------|--------------|-------|-------|
| Max. | 40 °F | Dir. | W | Temp. | 60 | | | |
| Mln. | 14 °F | Vel. | 5 m.p.h. | Read. | 28.589 | | | |
| Set | 14 °F | Char. | Steady | Corr. | 28.494 | | | |
| R. H. | 75 % | 24 hr. Mdv. | 130 | Sea L. | 29.944 | 0700 | 1300 | 1900 |
| Ppn. | T | Prev. Dir. | WNW | 3 hr. Tend. | 2/ | Clds. | Clds. | Clds. |
| Ppn. | T | Snow Depth | T | Observer | GK | Wx | Wx | Wx |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | Vis. | Vis. | Vis. |

0700 Clds. 8/10
 1300 Clds.
 1900 Clds.
 Wx Mostly cloudy
 Wx
 Wx
 Vis. 15

T_s -

T_{dp} -

RH -

Peak Wind - 18 Kts 6:30 PM

Dec 9 1976

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

| | | | | | | | | |
|-------|-------|-------------|-------------------------------------|-------------|--------|---------------|-------|-------|
| Temp. | | Wind | | Barom. | | General Obs. | | |
| Max. | 21 °F | Dir. | WSW | Temp. | 60 | | | |
| Min. | 14 °F | Vel. | G25 V ¹⁰ 15 m.p.h. | Read. | 29.098 | | | |
| Set | 18 °F | Char. | Gusty | Corr. | 29.003 | | | |
| R. H. | 70 % | 24 hr. Mov. | 210 | Sea L. | 30.463 | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | WSW | 3 hr. Tend. | 31 | Clds. | Clds. | Clds. |
| Ppn. | T in. | Snow Depth | T in. | Observer | GK | Clds. | Wx | Wx |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 7/10 ca | | |
| | | | | | | Partly Cloudy | | |
| | | | | | | 15 mi | | |

Ts 18

Top 10

RH 70

Peak Wind - 35 Kts 0150 AM

$$T_{ser} = 29.3$$

$$T_w = 25.6$$

$$T_D = 17.8$$

$$RH = 62\%$$

PK wind 28 KTS at 0901 EST

DECEMBER 11, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|---------------|------|---------------------|-------------------|------------------------------|-------|-------|
| Max. 54 °F | | Dir. SW | Temp. 62 | GUSTS + 52 KTS AT 2000 | | |
| Min. 28 °F | | Vel. 5 m.p.h. | Read. 29.10 | | | |
| Set 32 °F | | Char. steady | Corr. 28.99 | | | |
| R. H. | | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 |
| 91 % | | 236 | 30.41 | Clds. 4/10 Ci | Clds. | Clds. |
| Ppn. T in. | Liq. | Prev. Dir. SW | 3 hr. Tend. +3 | Wx Fair | Wx | Wx |
| Ppn. — in. | Sol. | Snow Depth T in. | Observer JB | Vis. 30+ | Vis. | Vis. |

29.0 62

1.42

30.41



... ..

DECEMBER 12, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|---------------------|----------------------|-----------------------------|---------------|---------------|
| Max. | 41 °F | Dir. SSW | Temp. 62 | DENSE FOG ALL QUADS | | |
| Min. | 31 °F | Vel. 2 m.p.h. | Read. 28.727 | | | |
| Set | 35 °F | Char. LIGHT | Corr. 28.627 | | | |
| R. H. | 93 % | 24 hr. Mov. 77 | Sea L. 30.019 | 0700 Clds. 10/10 Str. | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | .01 in. | Prev. Dir. SW | 3 hr. Tend. -1.5\ | Wx FINE MIST OF RAIN | Wx | Wx |
| Ppn. Sol. | - in. | Snow Depth - in. | Observer L.T. | Vis. 1 1/2 | Vis. | Vis. |

$T_{SET} = 35.5$

$T_{WET} = 34.8$

$T_D = 33.8$

$R.H. = 93\%$

PEAK WIND - NOTHING ABOVE 10 KTS

DEC. 13, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|--------------|-------------|--------------|-------|-------|
| Max. | 46 °F | Dir. | W | Temp. | 58 | | |
| Min. | 17 °F | Vel. | 18645 m.p.h. | Read. | 28.829 | | |
| Set | 17 °F | Char. | STRONG gusty | Corr. | 28.740 | | |
| R. H. | 61 % | 24 hr. Mov. | 283 | Sea L. | 0700 | 1300 | 1900 |
| | | | | | Clds. | Clds. | Clds. |
| Ppn. | T in. | Prev. Dir. | SW | 3 hr. Tend. | Wx | Wx | Wx |
| | | | | | | | |
| Ppn. | T in. | Snow Depth | — in. | Observer | Vis. | Vis. | Vis. |
| | | | | P.S. | 35+ mi | | |

10-20-64-41-1000

$T_{SET} = 17.4$

$T_w = 14.8$

$T_D = 6.4$

$RH = 61\%$

AK GUST 46 KTS @ 0235 EST

Dec 14 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | |
|-------|-------|-------------|----------|-------------|--------------|-------|-------|-------|
| Max. | 21 °F | Dir. | SW | Temp. | 60 | | | |
| Min. | 11 °F | Vel. | 5 m.p.h. | Read. | 29.109 | | | |
| Set | 13 °F | Char. | Steady | Corr. | 29.013 | | | |
| R. H. | 80 % | 24 hr. Mov. | 185 | Sea L. | 30.513 | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | SW | 3 hr. Tend. | .5 \ | Clds. | Clds. | Clds. |
| Ppn. | T in. | Snow Depth | — in. | Observer | GK | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 20 mi | | |

Faint text at the bottom of the page, possibly a reference or footer.

T_g 13

Top 6

RH 80%

Peak Wind - 32 Kts 9:20 AM

Dec 15 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------------|---------------|-------|
| Max. | 41 °F | Dir. | SW | Temp. | 60 | | |
| Min. | 13 °F | Vel. | 5 m.p.h. | Read. | 28.819 | | |
| Set | 38 °F | Char. | Steady | Corr. | 28.724 | | |
| R. H. | 55 % | 24 hr. Mov. | 165 | Sea L. | 0700 | 1300 | 1900 |
| | | | | | Clds. | Clds. | Clds. |
| Ppn. | — | Prev. Dir. | SW | 3 hr. Tend. | Wx | Wx | Wx |
| | in. | | | | Steady | Mostly Cloudy | |
| Ppn. | — | Snow Depth | — | Observer | Vis. | Vis. | Vis. |
| | in. | | | GK | 15 | | |

Ts - 38

Top - 23

RH - 55

Peak Wind - 22 Kts 535 AM

Dec 16 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------|---------------|-------|-------|
| Max. | 47 °F | Dir. | SW | Temp. | 60 | | | |
| Min. | 25 °F | Vel. | 2 m.p.h. | Read. | 28.629 | | | |
| Set | 28 °F | Char. | light | Corr. | 28.534 | | | |
| R. H. | 78 % | 24 hr. Mov. | 90 | Sea L. | 29.934 | 0700 | 1300 | 1900 |
| Ppn. | — | Prev. Dir. | SW | 3 hr. Tend. | 21 | Clds. | Clds. | Clds. |
| Ppn. | — | Snow Depth | — in. | Observer | GK | Wx | Wx | Wx |
| | | | | | | 8/10 Alcu | | |
| | | | | | | Mostly Cloudy | | |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 5mi | | |

TS - 28

Top - 22

RH - 78 %

Peak Wind - 15 1105 AM

Dec. 17, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|------------------|-------------|--------|----------------|-----------|-------|
| Max. | 44 °F | Dir. | SW | Temp. | 64 | PCPN VRY LIGHT | | |
| Min. | 25 °F | Vel. | 12 623 m.p.h. | Read. | 28.418 | | | |
| Set | 30 °F | Char. | GUSTY | Corr. | 28.315 | | | |
| R. H. | 76 % | 24 hr. Mov. | 149 | Sea L. | 29.702 | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | S | 3 hr. Tend. | to — | Clds. | 8/10 StCu | Clds. |
| Ppn. | T in. | Snow Depth | — in. | Observer | P.S. | Wx | SW-H | Wx |
| | | | | | | Vis. | 5 mi. | Vis. |

$T_{SET} = 30.0$
 $TW = \text{~~27.8~~ 27.8$
 $T_D = 23.2$
 $RH = 76\%$

PK GWT 33 KTS @ 0625 EST

DEC 18 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | |
|-------|---------|-------------|----------|-------------|--------------|-------|-------|-------|
| Max. | 35 °F | Dir. | W | Temp. | PRR | | | |
| Min. | 28 °F | Vel. | 5 m.p.h. | Read. | | | | 62° |
| Set | 31 °F | Char. | GUSTY | Corr. | | | | 28.88 |
| R. H. | 75 % | 24 hr. Mov. | 180 | Sea L. | 0700 | 1300 | 1900 | |
| Ppn. | .01 in. | Prev. Dir. | W | 3 hr. Tend. | Clds. | Clds. | Clds. | |
| Ppn. | .1 in. | Snow Depth | T in. | Observer | Wx | Wx | Wx | |
| | | | | | 35r | Vis. | Vis. | |

28.68

28.78

+ 1.42

30.20

DECEMBER 19, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------|---|-------|-------|
| Max. | 36 °F | Dir. | CALM | Temp. | 61 | CAN SEE POWER PLANT PLUME ALL THE WAY DOWN THE VALLEY TONE | | |
| Min. | 22 °F | Vel. | 0 m.p.h. | Read. | 28.832 | | | |
| Set | 24 °F | Char. | CALM | Corr. | 28.735 | | | |
| R. H. | 84 % | 24 hr. Mov. | 114 | Sea L. | 30.155 | 0700 | 1300 | 1900 |
| Ppn. | - in. | Prev. Dir. | W-SSW | 3 hr. Tend. | -1.1 | Clds. | Clds. | Clds. |
| Ppn. | - in. | Snow Depth | - in. | Observer | L.T. | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | | 9 mi. | |

$T_{SET} = 24.2^{\circ}F$

$T_{WET} = 22.8^{\circ}F$

$T_D = 21.2^{\circ}F$

R.H = 84%

PK. WIND 20KTS 11:18 AM E.S.T. DEC 18, 1976

DEC. 20, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | | |
|--------------------|-------------------|---------------------|----------------------------|------------------------------------|---------------|--------------|--|--|--|
| Max. 52 °F | Dir. SSW | Temp. 64 | 28.371 | | | Bipovc | | | |
| Min. 23 °F | Vel. 5 m.p.h. | Read. | | | | | | | |
| Set 48 °F | Char. LIGHT | Corr. 28.267 | | | | | | | |
| R. H. 79 % | 24 hr. Mov. 48 | Sea L. 29.618 | 0700 Clds. 10/10 StG | 1300 Clds. | 1900 Clds. | | | | |
| Ppn. .03 in. | Liq. VAR NE-S | Prev. Dir. | 3 hr. Tend. -2.9 | Wx GFTO NE | Wx | Wx | | | |
| Ppn. — in. | Sol. — in. | Snow Depth — in. | Observer P.S. | Vis. 5 mi NE 12 mi elsewhere | Vis. | Vis. | | | |

$T_{set} = 48.2$

$T_w = 45.1$

$T_g = 42.1$

$RH = 79.$

PK GUST 14 KTS @ 0652 EST

DEC. 21 1970

0700 EST

Meteorological Observatory
University Park, Pa.

| | | | | | | | | |
|-----------|---------|-------------|---------|-------------|--------|--------------|-------|-------|
| Temp. | | Wind | | Barom. | | General Obs. | | |
| Max. | 52 °F | Dir. | WSW | Temp. | 58 | | | |
| Min. | 16 °F | Vel. | 21 G 35 | Read. | 28.260 | | | |
| | | | m.p.h. | | | | | |
| Set | 16 °F | Char. | 60xy | Corr. | 28.172 | | | |
| R. H. | 82 % | 24 hr. Mov. | 231 | Sea L. | 29.572 | 0700 | 1300 | 1900 |
| | | | | | | Clds. | Clds. | Clds. |
| Ppn. | .05 in. | Prev. Dir. | S | 3 hr. Tend. | +2.0 | Wx | Wx | Wx |
| | | | | | | SW- | | |
| Ppn. Sol. | 0.6 in. | Snow Depth | 1 in. | Observer | P.S. | Vis. | Vis. | Vis. |
| | | | | | | 5 mi | | |

$T_{surf} = 16.0$

$T_w = 14.9$

$T_g = 11.6$

$RH = 87\%$

PK Gust 32 KTS @ 0601 Hr

Dec 22 1976

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

| | | | | | | | | |
|-------|-------|-------------|-------------|-------------|--------|---------------|-------|-------|
| Temp. | | Wind | | Barom. | | | | |
| Max. | 20 °F | Dir. | SW | Temp. | 60 | | | |
| Min. | 13 °F | Vel. | 5/10 m.p.h. | Read. | 28.769 | | | |
| Set | 15 °F | Char. | Gusty | Corr. | 28.674 | | | |
| R. H. | 80 % | 24 hr. Mov. | 350 | Sea L. | 30.144 | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | SW | 3 hr. Tend. | 2/ | Clds. | Clds. | Clds. |
| Ppn. | T in. | Snow Depth | 1 in. | Observer | GK | Wx | Wx | Wx |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 4/10 Alcy | | |
| | | | | | | Partly Cloudy | | |
| | | | | | | 20mi | | |

Ts 15

Top 10

RH

Peak Wind - 40 Kts 250 PM

17-23-76

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|----------------------|--------------------|---------------------------|---------------|---------------|
| Max. | 27 °F | Dir. SSW | Temp. 60 | | | |
| Min. | 13 °F | Vel. 2 m.p.h. | Read. 28.459 | | | |
| Set | 25 °F | Char. light | Corr. 28.364 | | | |
| R. H. | 60 % | hr. Mov. 130 | Sea L. 29.834 | 0700 Clds. 8/10 Alt | 1300 Clds. | 1900 Clds. |
| Ppn. | — in. | Prev. Dir. SSW | 3 hr. Tend. 1 \ | Wx Mostly cloudy | Wx | Wx |
| Ppn. | — in. | Snow Depth .5 in. | Observer GK | Vis. 15 | Vis. | Vis. |

Ts 27

Top 15

RH 60

Peak Wind - 24 kts 745 AM

24 Dec 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|----------|-------------|----------|-------------|--------|--------------|-------|-------|
| Max. | 31 °F | Dir. | SW | Temp. | 60 | | | |
| Min. | 9 °F | Vel. | 5 m.p.h. | Read. | 28.789 | | | |
| Set | 10 °F | Char. | Steady | Corr. | 28.694 | | | |
| R. H. | 80 % | 24 hr. Mov. | 220 | Sea L. | 30.174 | 0700 | 1300 | 1900 |
| Ppn. | 0.07 in. | Prev. Dir. | SW | 3 hr. Tend. | 2/ | Clds. | Clds. | Clds. |
| Ppn. | 0.7 in. | Snow Depth | 1 in. | Observer | GK | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 20 | | |

Ts 10

Top 5

RH 80

Peak Wind - 32 Kts 740 PM

Dec 25-1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------|--------------|-------|-------|
| Max. | 24 °F | Dir. | 5 | Temp. | 60 | | | |
| Min. | 10 °F | Vel. | 2 m.p.h. | Read. | 28.619 | | | |
| Set | 16 °F | Char. | 1/4 H | Corr. | 28.524 | | | |
| R. H. | 64 % | 24 hr. Mov. | 130 | Sea L. | 29.974 | 0700 | 1300 | 1900 |
| Ppn. | — | Prev. Dir. | SSW | 3 hr. Tend. | 2 \ | Clds. | Clds. | Clds. |
| Ppn. | — | Snow Depth | 1 in. | Observer | GK | Wx | Wx | Wx |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 15 | | |

Clds. Ci' 8
To Alst
Wx Mostly
Cloudy
Vis. 15

Ts 16

Top 6

RH 64

Peak Wind - <10

Dec 26 - 1976

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

| | | | | | | | | |
|-------|---------|-------------|-----------|-------------|--------|--------------|-------|-------|
| Temp. | | Wind | | Barom. | | General Obs. | | |
| Max. | 42 °F | Dir. | W | Temp. | 60 | | | |
| Min. | 16 °F | Vel. | 5-15 | Read. | 28.349 | | | |
| | | | 10 m.p.h. | | | | | |
| Set | 29 °F | Char. | Gusty | Corr. | 28.224 | | | |
| R. H. | 69 % | 24 hr. Mov. | 125 | Sea L. | 29.694 | 0700 | 1300 | 1900 |
| Ppn. | .10 in. | Prev. Dir. | S | 3 hr. Tend. | 21 | Clds. | Clds. | Clds. |
| | | | | | | 10/10 Steu | | |
| Ppn. | 2.0 in. | Snow Depth | 3 2.5 in. | Observer | GK | Wx | Wx | Wx |
| | | | | | | Cloudy | | |
| | | | | Vis. | 20 | Vis. | Vis. | Vis. |

Ts - 29

Top - 20

RH - 69

Peak Wind - 22 Kts 750 AM

Dec 27 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | |
|-------|-------|-------------|----------|-------------|--------------|---------------|-------|--------|
| Max. | 32 °F | Dir. | WSW | Temp. | | | | |
| | | | | 60 | | | | |
| Min. | 16 °F | Vel. | 5 m.p.h. | Read. | | | | 28.369 |
| Set | 16 °F | Char. | Steady | Corr. | 28.274 | | | |
| R. H. | 75 % | 24 hr. Mov. | 190 | Sea L. | 29.744 | 0700 | 1300 | 1900 |
| | | | | | | Clds. | Clds. | Clds. |
| Ppn. | T in. | Prev. Dir. | WSW | 3 hr. Tend. | 3 | Wx | Wx | Wx |
| | | | | | | 9/10 Alcu | | |
| Ppn. | T in. | Snow Depth | ? | Observer | GK | Wx | Wx | Wx |
| | | | | | | Mostly cloudy | | |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 8 mi | | |

TS-16

Top 10

RH - 75%

Peak Wind - 30 330 AM

Dec 28 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|---------------|------------|----------|-------------|-----------------|-------|-------|
| Max. | 70 °F | Dir. | NE | Temp. | 60 | | |
| Min. | 16 °F | Vel. | 2 m.p.h. | Read. | 28.049 | | |
| Set | 16 °F | Char. | light | Corr. | 27.954 | | |
| R. H. | 92 % | hr. Mov. | 150 | Sea L. | 0700 | 1300 | 1900 |
| Ppn. | Liq. 0.25 in. | Prev. Dir. | SW | 3 hr. Tend. | Clds. 10/10 Alt | Clds. | Clds. |
| Ppn. | Sol. 3 in. | Snow Depth | 4 in. | Observer | Wx Cloudy | Wx | Wx |
| | | | | | Vis. 8 | Vis. | Vis. |

Tset - 17

Top - 15

RH - 92

Peak Wind 28 Kts - 1155 AM
120 PM

Dec 29 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|---------|-------------|-------------------------------------|------------|---------|--------------------------------|-------|-------|
| Max. | 28 °F | Dir. | WSW | Temp. | 60 | | | |
| Min. | 16 °F | Vel. | 6.20 V ^{10/5} m.p.h. | Read. | 28.129 | | | |
| Set | 19 °F | Char. | Gusty | Corr. | 28.044 | | | |
| R. H. | 74 % | 24 hr. Mov. | 110 | Sea L. | 29.514 | 0700 | 1300 | 1900 |
| Ppn. | .02 in. | Prev. Dir. | NE → WSW | 3 hr. Tend | Steady | Clds. <i>Alcu</i> 9/10 Alst | Clds. | Clds. |
| Ppn. | 3.5 in. | Sol. | | Snow Depth | 3.5 in. | Wx | Wx | Wx |
| | | Observed | GK | Vis. | 6 mi | Vis. | Vis. | Vis. |

Ts - 19

Top - 12

RH - 74%

Peak Wind - 20 Kts 20 630 AM

DEC. 30, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|-------------------------|----------------------|-----------------------------|---------------|---------------|
| Max. | 23 °F | Dir. S | Temp. 54 | | | |
| Min. | 0 °F | Vel. 2 m.p.h. | Read. 28.592 | | | |
| Set | 2 °F | Char. NEARLY CALM | Corr. 28.513 | | | |
| R. H. | 77 % | 24 hr. Mov. 200 | Sea L. 27.935 | 0700 Clds. 1/10 ci | 1300 Clds. | 1900 Clds. |
| Ppn. Liq. | .01 in. | Prev. Dir. SW | 3 hr. Tend. +0.35 | Wx HATE | Wx | Wx |
| Ppn. Sol. | 0.1 in. | Snow Depth 4 in. | Observer P.S. | Vis. 10 mi | Vis. | Vis. |

TSET = 1.5

TW = 0.7

T0 = -3.9

RH = 77

PK NW0 33 KTS @ 0025 ESR

DEC. 31, 1972

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

| | | | | | | | | |
|-------|---------|-------------|----------|-------------|--------------|-------|-------|--------|
| Temp. | | Wind | | Barom. | FEWSTCU BEST | | | |
| Max. | 19 °F | Dir. | WSW | Temp. | | | | 53 |
| Min. | 2 °F | Vel. | 7 m.p.h. | Read. | | | | 28.461 |
| Set | 5 °F | Char. | STEADY | Corr. | | | | 28.386 |
| R. H. | 64 % | 24 hr. Mov. | 83 | Sea L. | 29.840 | 0700 | 1300 | 1900 |
| Ppn. | .07 in. | Prev. Dir. | NE-NW | 3 hr. Tend. | 1.7 | Clds. | Clds. | Clds. |
| Ppn. | 1.0 in. | Snow Depth | 5 in. | Observer | P.S. | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 12 mi | | |

TSET = ~~5.3~~ 5.3

TW = 4.8

TD = -4.2

RH = 64%

MAX GUST 20 KTS @ 0812 EST