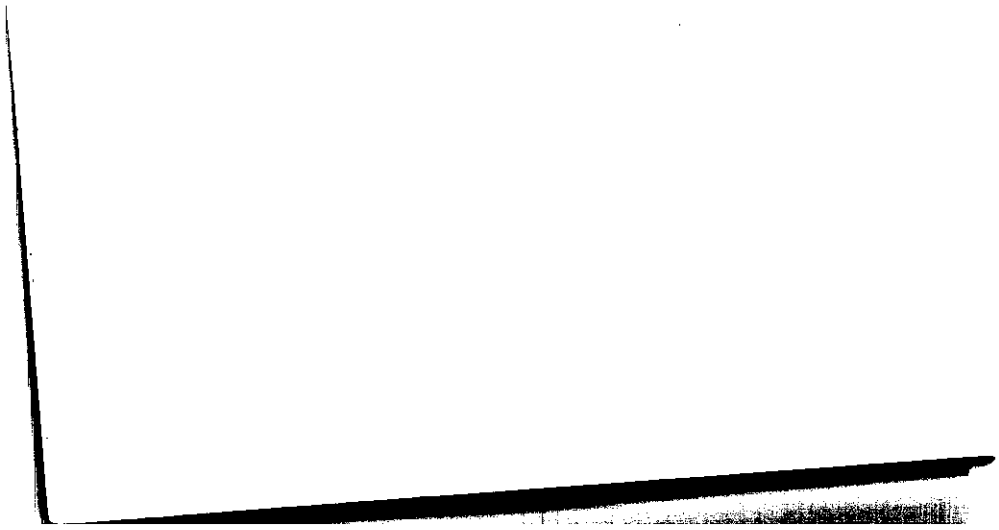
1 FEB. '76 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 34 °F | Dir. S | Temp. 61°F | SE @ 1045 EST 1/2" | | |
| Min. 18 °F | Vel. 2 m.p.h. | Read. 28.400" | OCNL R-S- 2:30 - 6:30 | | |
| Set 32 °F | Char. Steady | Corr. 28.305" | SB 8:20 EST | | |
| R. H. 96 % | 24 hr. Mov. 30 from 2pm M 58c⁻¹ | Sea L. 29.689" | S- 1 1/2 mile vis. 9:45 EST | | |
| Ppn. Liq. .04 in. | Prev. Dir. SSW | 3 hr. Tend. -2.0mb | G-45K, 2:58 A-m Feb 2nd | | |
| Ppn. Sol. .5 in. | Snow Depth 3 3/4 in. | Observer TS | 0700 | 1300 | 1900 |
| | | | Clds. 10/10 OVCST | Clds. | Clds. |
| | | | Wx S | Wx | Wx |
| | | | Vis. 1 1/2 mi. | Vis. | Vis. |



FEB. 2, 1976

0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 37 °F | Dir. W | Temp. 55 | GUST TO 55KTS. (63MPH) AT 7:47 EST |
| Min. −3 °F | Vel. 23653 m.p.h. | Read. 28.248 | COLDEST EVER FELT BY OBSERVER |
| Set −3 °F | Char. STRONG | Corr. 28.168 | |
| R. H. 54 % | 24 hr. Mov. 132 | Sea L. 29.591 | |
| Ppn. Liq. .15 in. | Prev. Dir. W | 3 hr. Tend. +7.0mb | |
| Ppn. Sol. .8 in. | Snow Depth 4 in. | Observer P.K. | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| Clds. | 6/10 Aum + ci | | |
| Wx | occnl SW- | | |
| Vis. | 6 miles | | |

$T_{SET} = -2.8F$

$T_{DP} \cong -16F$

R.H. = 59%

PEAK WIND OF 42KTS AT 9:38 A.M. ON 2/2/76

FEB 3, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 10 °F | Dir. S | Temp. 58 | | | |
| Min. -4 °F | Vel. 2 m.p.h. | Read. 28.820 | | | |
| Set 6 °F | Char. L+V | Corr. 28.730 | | | |
| R. H. 68 % | 24 hr. Mov. 256 | Sea L. 30.222 | 0700 | 1300 | 1900 |
| Ppn. Liq. — in. | Prev. Dir. VAR SW-E | 3 hr. Tend. +1.3 ✓ | Clds. 2/10 ACu 1/10 Ci | Clds. | Clds. |
| Ppn. Sol. — in. | Snow Depth 4 in. | Observer P.S. | Wx | Wx | Wx |
| | | | Vis. 15 mi. | Vis. | Vis. |

$T_{SET} = 6.4$

$T_W = 5.0$

$T_D = -1.9$

RH = 68 %

PK. GUST = 56 KTS AT 1139 EST

Feb, 4, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 31 °F | Dir. W-SW | Temp. 58 | Clouded up Quickly Just Before Obs Time |
| Min. 5 °F | Vel. 10 m.p.h. | Read. 28.831 | |
| Set 27 °F | Char. Steady | Corr. 28.742 | |
| R. H. % | 24 hr. Mov. 200 | Sea L. 30.089 | |
| Ppn. Liq. — in. | Prev. Dir. SW | 3 hr. Tend. +1.0 mb/ | |
| Ppn. Sol. — in. | Snow Depth 3 in. | Observer TR | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| Clds. | Clds. 10/10 ST CU | Clds. | Clds. |
| Wx | Wx | Wx | Wx |
| Vis. | Vis. 7 mi. | Vis. | Vis. |

$T_{MAX} = 31$

$T_{MIN} = 5$

$T_{SET} = 27$

$T_D = 18$

$T_W = 25$.

PEAK WIND OF 7 KTS
AT 1750 EST ON 2/3/76

FEB 5, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 38 °F | Dir. NE | Temp. 60 | SB 10 AM very little after 12 Midnite |
| Min. 19 °F | Vel. 7 m.p.h. | Read. 29.152 | |
| Set 20 °F | Char. STEADY | Corr. 29.056 | |
| R. H. 69 % | 24 hr. Mov. 196 | Sea L. 30.505 | |
| Ppn. Liq. — in. | Prev. Dir. WSW | 3 hr. Tend. +.2mbV | |
| Ppn. Sol. — in. | Snow Depth 2 in. | Observer P.K. | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. 10/10 As | Clds. | Clds. |
| Wx | Wx | Wx |
| Vis. 35 miles | Vis. | Vis. |

$T_{SET} = 20.4°F$

$T_{D.P} = 12.1°F$

R.H. = 69%

PEAK WIND OF 36KTS AT 12:38 P.M. on 2/4/76

FEB 6, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 22 °F | Dir. NE | Temp. 60 | | | |
| Min. 17 °F | Vel. 5 m.p.h. | Read. 28.741 | | | |
| Set 17 °F | Char. STEADY | Corr. 28.696 | 0700 | 1300 | 1900 |
| R. H. 94 % | 24 hr. Mov. 106 | Sea L. 30.084 | Clds. OVC 5f | Clds. | Clds. |
| Ppn. Liq. 0.86 in. | Prev. Dir. NW N-NE | 3 hr. Tend. +.025 | Wx OCCNL SW-- | Wx | Wx |
| Ppn. Sol. 8.6 in. | Snow Depth 10 in. | Observer P.S. | Vis. 10 mi | Vis. | Vis. |

$T_{SET}$: 17.4

$T_W$ = 16.9

$T_D$ = 15.7

RH = 94%

Feb. 7, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

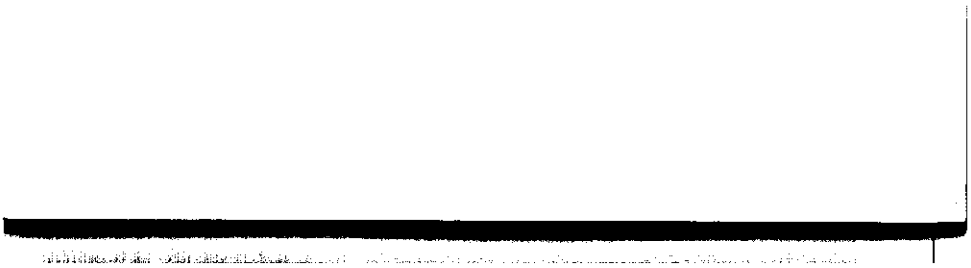
| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 24 °F | Dir. WSW | Temp. 56°F | 0800 EST → cl. cover 4/10 cu. |
| Min. 11 °F | Vel. G. 17 12 m.p.h. | Read. 28.695" | |
| Set 11 °F | Char. Unsteady | Corr. 28.606" | |
| R. H. from Dew-cell 76 % | 24 hr. Mov. 88 | Sea L. 30.069" | |
| Ppn. Liq. T in. | Prev. Dir. NW | 3 hr. Tend. +1.7mb ✓ | |
| Ppn. ~~Sol.~~ in. | Snow Depth 8.5-9 in. | Observer TS | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. 9/10 cu Cu-St. | Clds. | Clds. |
| Wx | Wx | Wx |
| Vis. 13 mi. | Vis. | Vis. |

8 Feb. '76 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 24 °F | Dir. SW Variable | Temp. 56°F | OCNL SW 1 8 7 |
| Min. 11 °F | Vel. 15 m.p.h. | Read. 28.266" | SNOWBURST [illegible] |
| Set 23 °F | Char. unsteady | Corr. 28.183" | VISIB. = 0-⅛ [illegible] SW+ |
| R. H. Barrel 71 % | 24 hr. Mov. 123 MSec | Sea Lvl. 29.588" | |
| Ppn. Liq. .02 in. | Prev. Dir. 6 | 3 hr. Tend. .8mb ↘ | |
| Ppn. Sol. .2 in. | Snow Depth 8½ 8 9 in. | Observer TE | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. OVREST | Clds. | Clds. |
| Wx Vi Lt. Sn. Flurries possibly B.S. | Wx | Wx |
| Vis. about 9 mi. | Vis. | Vis. |



FEB 9, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 31 °F | Dir. W | Temp. 57 | | | |
| Min. 18 °F | Vel. 3 m.p.h. | Read. 28.809 | | | |
| Set 19 °F | Char. STEADY | Corr. 28.721 | 0700 | 1300 | 1900 |
| R. H. 70 % | 24 hr. Mov. 216 | Sea L. 30.156 | Clds. 3/10 Scu | Clds. | Clds. |
| Ppn. Liq. .02 in. | Prev. Dir. SW | 3 hr. Tend. +3.7mb | Wx | Wx | Wx |
| Ppn. Sol. .5 in. | Snow Depth 10 in. | Observer P.K. | Vis. 35 miles | Vis. | Vis. |

$T_{SET}$ = 19.1°F

$T_{D.P.}$ = 11.1°F

R.H. = 70%

PEAK WIND OF 31 KTS. AT 1:57 P.M. ON 2/6/76

FEB. 10 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 36 °F | Dir. SW | Temp. 60 | SPECTACULAR FLAMING SUNRISE Chaotic Sky |
| Min. 17 °F | Vel. 3 m.p.h. | Read. 28.800 | |
| Set 27 °F | Char. L + V | Corr. 28.705 | |
| R. H. 69 % | 24 hr. Mov. 88 | Sea L. 30.135 | |
| Ppn. — Liq. in. | Prev. Dir. VAR W-S | 3 hr. Tend. -1.0 V | |
| Ppn. — Sol. in. | Snow Depth 9 in. | Observer PS. | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| Clds. | 3/10 Ci, 1/10 Cs+, 1/10 Sc, 3/10 [illegible] 8/10 | Clds. | Clds. |
| Wx | | Wx | Wx |
| Vis. | 20 mi | Vis. | Vis. |

$T_{SET} = 27.2$

$T_W = 24.2$

$T_D = 18.2$

$RH = 69\%$

PK GUST 13 KT 1325 EST

Feb. 11, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 56 °F | Dir. W-SW | Temp. 62 | 35KT GUST AT 735 DARK W-NW |
| Min. 26 °F | Vel. 15 m.p.h. | Read. 28.479 | |
| Set 42 °F | Char. GUSTY | Corr. 28.381 | |
| R. H. 53 % | 24 hr. Mov. 210 | Sea L. 29.704 | |
| Ppn. — Liq. in. | Prev. Dir. SW | 3 hr. Tend. +3.8mb | |
| Ppn. — Sol. in. | Snow Depth 2[illegible] in. | Observer TR | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. 30 CST 5/10 SC4 | Clds. | Clds. |
| Wx | Wx | Wx |
| Vis. 12 miles | Vis. | Vis. |

TMAX = 56
TMIN = 26
TD = 32
TSFT = 42.
S.Depth = 2.5"

PK WIND GUST ON 11 FEB 76 AT
1:53 AM 19KTS.

FEB. 12, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 43 °F | Dir. SW | Temp. 61 | | | |
| Min. 27 °F | Vel. 3 m.p.h. | Read. 29.002 | | | |
| Set 27 °F | Char. STEADY | Corr. 28.904 | | | |
| R. H. 69 % | 24 hr. Mov. 292 | Sea L. 30.332 | 0700 | 1300 | 1900 |
| Ppn. Liq. .02 in. | Prev. Dir. WSW | 3 hr. Tend. +2.8 mb/ | Clds. 7/10 Acu | Clds. | Clds. |
| Ppn. Sol. .3 in. | Snow Depth 1 in. | Observer P.K. | Wx | Wx | Wx |
| | | | Vis. 35 miles | Vis. | Vis. |

$T_{SET} = 27.4°F$

$T_{@.R} = 18.5°$

RH. = 69%

PEAK WIND OF 36 KTS. AT 8:29 AM on 2/11

FEB 13, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 47 °F | Dir. SSW | Temp. 63 | | | |
| Min. 27 °F | Vel. 6 m.p.h. | Read. 28.799 | | | |
| Set 46 °F | Char. STEADY | Corr. 28.696 | 0700 | 1300 | 1900 |
| R. H. 59 % | 24 hr. Mov. 168 | Sea L. 30.096 | Clds. 10/10 St | Clds. | Clds. |
| Ppn. — Liq. in. | Prev. Dir. S-SW | 3 hr. Tend. +0.6 | Wx | Wx | Wx |
| Ppn. — Sol. in. | Snow Depth T in. | Observer PS | Vis. 20 mi. | Vis. | Vis. |

$T_{SET}$ - 46.8

$T_W$ = 40.0

$T_D$ = 33.2

RH = 59%

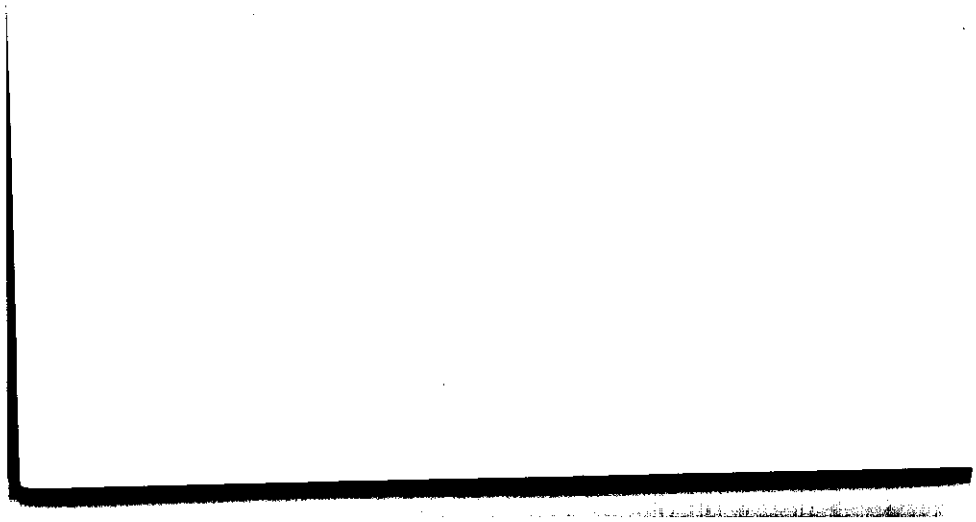
PK GUST 23 KTS AT 0023 EST

FEB. 14, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

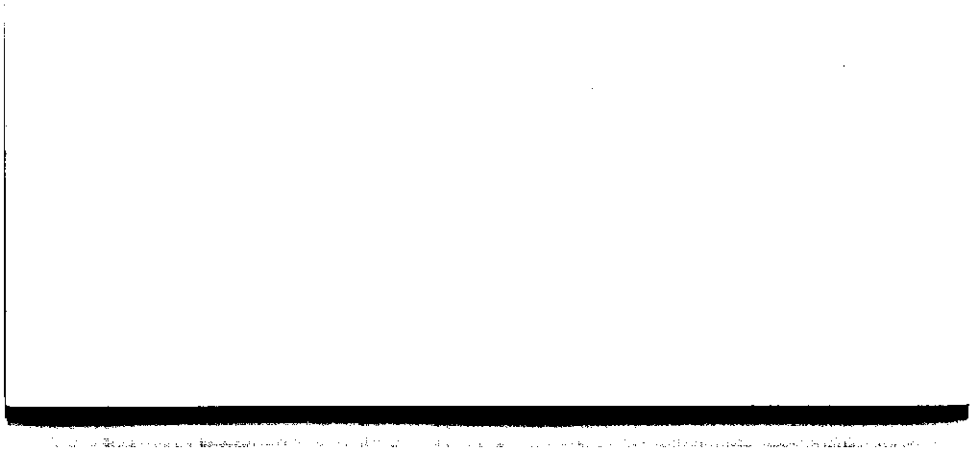
| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 53 52.5 °F | Dir. NNW | Temp. 62° | PRESSURE FALLING RAPIDLY<br>UNBELIEVABLY CLEAR |
| Min. 24 °F | Vel. 5 m.p.h. | Read. 29.22 | |
| Set 25 °F | Char. STEADY | Corr. 29.10 | |
| R. H. % | 24 hr. Mov. 144 | Sea L. 30.54 | |
| Ppn. Liq. — in. | Prev. Dir. W | 3 hr. Tend. +5.0 | |
| Ppn. Sol. — in. | Snow Depth T in. | Observer JB | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| Clds. | CLEAR | Clds. | Clds. |
| Wx | | Wx | Wx |
| Vis. | 50+ | Vis. | Vis. |



FEB 15, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 41 °F | Dir. Variable S | Temp. 61° | | | |
| Min. 22 °F | Vel. 6 m.p.h. | Read. 29.068" | | | |
| Set 32 °F | Char. Unsteady | Corr. 28.968" | | | |
| | | | 0700 | 1300 | 1900 |
| R. H. from dew-cell: 58 % | 24 hr. Mov. 50 m sec | Sea L. 30.388" | Clds. 6/10 Cirrus & Altocu | Clds. | Clds. |
| Ppn. Liq. 0 in. | Prev. Dir. Variable E | 3 hr. Tend. -2.7mb | Wx (FROSFR) Reddish Sunrise | Wx | Wx |
| Ppn. Sol. 0 in. | Snow Depth Patches of sn. & ice. in. | Observer TS | Vis. 20 mi | Vis. | Vis. |



FEB. 16, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 57 °F | Dir. SW | Temp. 63 | MOD RAIN BEGAN @ 4PM |
| Min. 32 °F | Vel. 6 m.p.h. | Read. 28.812 | |
| Set 50 °F | Char. STEADY | Corr. 28.709 | |
| R. H. 70 % | 24 hr. Mov. 212 | Sea L. 30.069 | |
| Ppn. Liq. .01 in. | Prev. Dir. S-SW | 3 hr. Tend. +2.1mb/ | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer P.K. | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. 5/10 Scu | Clds. | Clds. |
| Wx | Wx | Wx |
| Vis. 20miles | Vis. | Vis. |

$T_{set}$ = 49.7°F

$T_{D.P}$ = 40.2°F

R.H. = 70%

PEAK WIND OF 33KTS. AT 3:22 a.m. ON 2/16/76

NEW WIND DIR. + SPEED CHARTS
PUT ON AT 07:00 A.M. 2/16/76

Feb. 17, 1942

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 51 °F | Dir. SW | Temp. 65 | CLOUDBURST RW+ 204-211 AM EST 2/17 |
| Min. 41 °F | Vel. 15 G 25 m.p.h. | Read. 28.469 | |
| Set 55 °F | Char. GUSTY | Corr. 28.363 | |
| R. H. 62 % | 24 hr. Mov. 134 | Sea L. 29.700 | |
| Ppn. Liq. .72 in. | Prev. Dir. S | 3 hr. Tend. +.5 ✓ | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer P.S. | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| Clds. | 5/10 C.St | Clds. | Clds. |
| Wx | | Wx | Wx |
| Vis. | 35 mi | Vis. | Vis. |

T SET = 54.8

$T_W$ = 49.0

$T_D$ = 44.4

RH = 62%

PK GUST 38 KTS AT 0641 AM EST

FEB 18, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 55 °F | Dir. E | Temp. 64 | | | |
| Min. 37 °F | Vel. 10 m.p.h. | Read. 28.558 | | | |
| Set 41 °F | Char. GUSTY | Corr. 28.453 | | | |
| | | | 0700 | 1300 | 1900 |
| R. H. 61 % | 24 hr. Mov. 150 | Sea L. 29.773 | Clds. 1/10 SC | Clds. | Clds. |
| Ppn. Liq. .27 in. | Prev. Dir. S | 3 hr. Tend. −3.0 mb | Wx | Wx | Wx |
| Ppn. Sol. — in. | Snow Depth — in. | Observer TR | Vis. 12 miles. | Vis. | Vis. |

TMAX=55

TMIN=37

TSET=41

RAIN=.27

TDPT=34

PEAK WIND OF 21 KTS
AT 851 AM ON 2/17/76

FEB. 19, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 49 °F | Dir. WSW | Temp. 66 | SOME WIND GUSTS OVER 50 KTS. 55 KT WIND JUST D 2:00PM EST VER. PEAK GUST : 3:30P.M 64 KT WIND GUST AT 3:45 PM EST SUSTAINED 35KTS, G55 3:55-4:00 |
| Min. 38 °F | Vel. 20 637 m.p.h. | Read. 28.477 | |
| Set 39 °F | Char. STRONG | Corr. 28.368 | |
| R. H. 64 % | 24 hr. Mov. 152 | Sea L. 29.722 | |
| Ppn. .12 Liq. in. | Prev. Dir. S→W | 3 hr. Tend. +1.2 mb/ | |
| Ppn. — Sol. in. | Snow Depth — in. | Observer P.K. | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. 6/10 Scu | Clds. | Clds. |
| Wx | Wx | Wx |
| Vis. 35 miles | Vis. | Vis. |

$T_{SET}$ = 39.3 °F

$T_{D.P.}$ = 28.3 °F

R.H. = 64%

PEAK WIND OF 47 KTS. AT 4:24 a.m. ON 2/19

FEB 20 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 55 °F | Dir. W | Temp. 65 | SML BKNVC |
| Min. 35 °F | Vel. 14 m.p.h. | Read. 28.818 | |
| Set 35 °F | Char. STEADY | Corr. 28.710 | |
| R. H. 70 % | 24 hr. Mov. 324 | Sea L. 30.098 | |
| Ppn. .06 Liq. in. | Prev. Dir. SW | 3 hr. Tend. +3.2 / | |
| Ppn. T Sol. in. | Snow Depth — in. | Observer P.S. | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| Clds. | 10/10 ST-CU | Clds. | Clds. |
| Wx | OCNL SW-- | Wx | Wx |
| Vis. | 20 mi. | Vis. | Vis. |

$T_{ET} = 34.8$

$T_W = 31.3$

$T_D = 26.1$

$RH = 70\%$

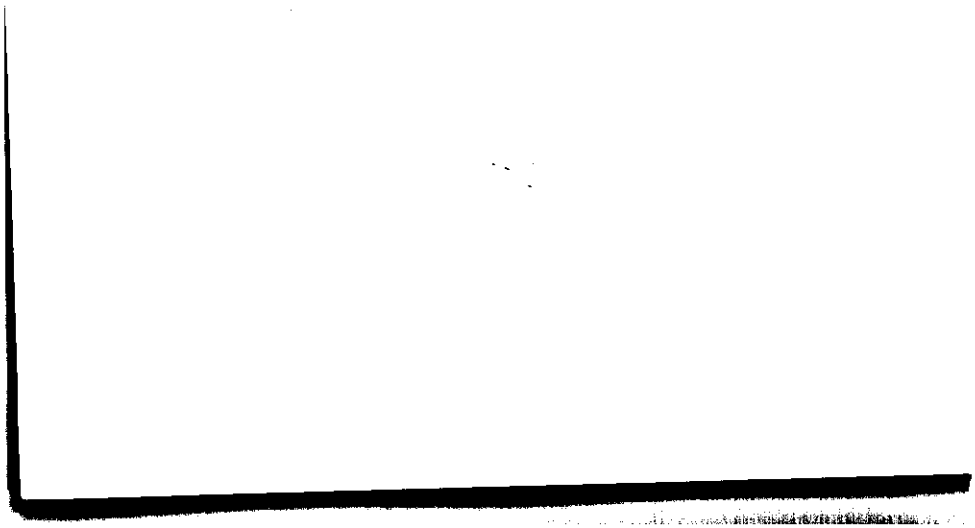
PK GUST 64 KTS AT 1548 EST

FEB 21, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 48 °F | Dir. S | Temp. 65° | Gray overcast<br>Sun partially obscured<br>Winds light, var. | | |
| Min. 29 °F | Vel. 2 m.p.h. | Read. 28.934 | | | |
| Set 39 °F | Char. LITE | Corr. 28.827 | | | |
| R. H. 69 % | 24 hr. Mov. 160 | Sea L. 30.227 | 0700 | 1300 | 1900 |
| Ppn. Liq. 0.0 in. | Prev. Dir. SSE | 3 hr. Tend. -½mb ↓ | Clds. 10/10 As | Clds. | Clds. |
| Ppn. Sol. 0.0 in. | Snow Depth 0.0 in. | Observer R.M. | Wx FAIR | Wx | Wx |
| | | | Vis. 34 mi | Vis. | Vis. |



Feb. 22, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 59 °F | Dir. Variable SW | Temp. 66°F | CLRNG W-NW @ 50 EST |
| Min. 39 °F | Vel. 14 m.p.h. | Read. 28.350" | |
| Set 47 °F | Char. unsteady | Corr. 28.242" | |
| R. H. 93 % | 24 hr. Mov. about Mble 116 (mes) | Sea Lev. 29.581" | |
| Ppn. Liq. .17 in. | Prev. Dir. Variable S | 3 hr. Tend. +10mb V | |
| Ppn. Sol. in. | Snow Depth — in. | Observer TS | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| Clds. | OVCST | | |
| Wx | L. Rain | | |
| Vis. | .6 miles | | |

Note: btwn (21 Feb. 76) 7AM → 9AM recording
was discontinued → reason → unknown.

IS
22 Feb '76

FEB. 23, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 49 °F | Dir. WNW | Temp. 63 | | | |
| Min. 15 °F | Vel. 8617 m.p.h. | Read. 28.915 | | | |
| Set 16 °F | Char. STEADY | Corr. 28.812 | | | |
| | | | 0700 | 1300 | 1900 |
| R. H. 68 % | 24 hr. Mov. 260 | Sea L. 30.261 | Clds. CLEAR FEW CU. | Clds. | Clds. |
| Ppn. Liq. .01 in. | Prev. Dir. SW-W | 3 hr. Tend. +3.2mb | Wx | Wx | Wx |
| Ppn. Sol. T in. | Snow Depth — in. | Observer P.K. | Vis. 35 miles | Vis. | Vis. |

$T_{SET} = 16.2°F$

$T_{W.B.} = ?$

$T_{D.P.} = 7.6°F$

R.H. = 68%

PEAK WIND OF 35 KTS. AT 11:48 a.m. ON 2/22/76

FEB. 24, 1976 — 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 32 °F | Dir. SW | Temp. 63 | | | |
| Min. 15 °F | Vel. 5 m.p.h. | Read. 28.962 | | | |
| Set 30 °F | Char. STEADY | Corr. 28.859 | | | |
| R. H. 60 % | 24 hr. Mov. 148 | Sea L. 30.289 | 0700 | 1300 | 1900 |
| Ppn. Liq. — in. | Prev. Dir. VAR SE-SW | 3 hr. Tend. +0.1 ✓ | Clds. 1/10 Ci-E. | Clds. | Clds. |
| Ppn. Sol. — in. | Snow Depth — in. | Observer J.S. | Wx | Wx | Wx |
| | | | Vis. 35+ mi | Vis. | Vis. |

$T_{SFT} = 29.9$

$T_W = 26.0$

$T_D = 17.9$

$RH = 60\%$

PK GUST = 25 KTS AT 1353 EST

FEB. 25, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. | | |
|---|---|---|---|---|---|
| Max. 61 °F | Dir. SSW | Temp. 66 | | | |
| Min. 30 °F | Vel. 8 m.p.h. | Read. 28.998 | | | |
| Set 52 °F | Char. STEADY | Corr. 28.987 | 0700 | 1300 | 1900 |
| R. H. 35 % | 24 hr. Mov. 200 | Sea L. 30.213 | Clds. 7/10 Ci | Clds. | Clds. |
| Ppn. Liq. — in. | Prev. Dir. SSW | 3 hr. Tend. +.2 mb | Wx | Wx | Wx |
| Ppn. Sol. — in. | Snow Depth — in. | Observer P.K. | Vis. 35 miles | Vis. | Vis. |

$T_{SET}$ = 57.3°F

$T_{W.B.}$ = 28.7°F

$T_{D.P.}$ = 25.8°F

R.H. = 35.5%

PEAK wind of 26KTS. AT 3:08p.m.EST on 2/24/76

FEB 26, 1976 — 0700 EST — Meteorological Observatory, University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 68 °F | Dir. SSE | Temp. 68 | LTG IC NORTH 10:15PM EST<br>TRW- N 12:10 AM FEB 27/A<br>TRW — 12:45AM<br>LTG N |
| Min. 43 °F | Vel. 2 m.p.h. | Read. 28.900 | |
| Set 44 °F | Char. light | Corr. 28.783 | |
| R. H. 55 % | 24 hr. Mov. 148 | Sea L. 30.141 | |
| Ppn. Liq. — in. | Prev. Dir. SSW | 3 hr. Tend. -1.0mb↑ | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer P.K. | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. 9/10 Ci | Clds. | Clds. |
| Wx | Wx | Wx |
| Vis. 35miles | Vis. | Vis. |

SET = 44.1°F

W.B. = 32.1°F

D.P. = 29.1°F

R.H. = 55%

PEAK WIND OF 23 KTS. AT { 2:03 / 3:22 / 3:24 } P.M. EST ON 2/25/76

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 64 °F | Dir. SW | Temp. 28 | * RECORD HIGH |
| Min. 42 °F | Vel. 6 m.p.h. | Read. 29.860 | |
| Set 45 °F | Char. Steady | Corr. 29.744 | |

| | 0700 | 1300 | 1900 |
|---|---|---|---|
| R. H. 71 % | 24 hr. Mov. 126 | Sea L. 30.114 | Clds. SCT 310 SCT 210 Ci | Clds. | Clds. |
| Ppn. Liq. .01 in. | Prev. Dir. WNW | 3 hr. Tend. +.3 ✓ | Wx HAZE | Wx | Wx |
| Ppn. Sol. — in. | Snow Depth — in. | Observer R.S. | Vis. 10 mi | Vis. | Vis. |

$T_{SET}$ = 45.1

$T_W$ = 40.0

TD = 36.2

RH = 71%

PK GUST 34 KTS AT 1816 EST

FEB. 28, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. Peak |
|---|---|---|---|
| Max. 62 °F | Dir. W-SW | Temp. 69.7 | [redacted] 81? Winds gusting (Gust) to [redacted] 84 kts |
| Min. 44 °F | Vel. 20 m.p.h. | Read. 28.605 | 4 TIES RECORD HIGH |
| Set 55 °F | Char. Very Gusty | Corr. 28.985 | |
| R. H. 38 % | 24 hr. Mov. 196 | Sea L. 29.827 | |
| Ppn. Liq. 0 in. | Prev. Dir. SW | 3 hr. Tend. +.3 ✓ | |
| Ppn. Sol. 0 in. | Snow Depth 0 in. | Observer S.C. | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. Cirrus 2/10 Cirrostratus | Clds. | Clds. |
| Wx Sunny | Wx | Wx |
| Vis. 35 miles | Vis. | Vis. |

SGT = 55.2° F

Temp Actual = 53.3° F  R.H. = 38%

$T_w$ = 42.7° F

$T_d$ = 28.3° F

Peak Wind 30 kts At 3:12 A.M.

2/27/76

FEB. 29, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | Wind | Barom. | General Obs. |
|---|---|---|---|
| Max. 57 °F * | Dir. SSW | Temp. 68 | * NEW RECORD HIGH |
| Min. 35 °F | Vel. 4 m.p.h. | Read. 28.832 | |
| Set 39 °F | Char. LIGHT | Corr. 28.716 | |
| R. H. 55 % | 24 hr. Mov. [illegible] | Sea L. 30.106 | |
| Ppn. — Liq. in. | Prev. Dir. E-SE | 3 hr. Tend. -0.7 | |
| Ppn. — Sol. in. | Snow Depth — in. | Observer P.S. | |

| 0700 | 1300 | 1900 |
|---|---|---|
| Clds. 1/10 Ci | Clds. | Clds. |
| Wx | Wx | Wx |
| Vis. 35 mi | Vis. | Vis. |

$T_{SET} = 39.3$
$T_W = 33.5$
$T_D = 24.4$
$RH = 55\%$

PK GUST 35 KTS AT 1040 EST