

JAN 01 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. SW	Temp. 62	405 EST 6 34 KTS 940 OCCNL S-- 23°C E SW-		
Min.	24 °F	Vel. 5 m.p.h.	Read. 28.750			
Set	34 °F	Char. STEADY	Corr. 28.650			
R. H.	95 %	24 hr. Mov. 97	Sea L. 30.054	0700 Clds. $\frac{10}{105}$	1300 Clds.	1900 Clds.
Ppn. Liq.	.06 in.	Prev. Dir. SW	3 hr. Tend. +.8 /	Wx FOG	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer BK	Vis. 3mi	Vis.	Vis.

T 34

T_w 33.5

T_o 32.7

RH 95%

PK WINDS 17KTS AT 922 EST Dec. 31

JAN 02 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. SW	Temp. 60			
Min.	16 °F	Vel. 4 m.p.h.	Read. 29.280			
Set	16 °F	Char. STEADY	Corr. 29.183			
R. H.	93 %	24 hr. Mov. 252 4	Sea L. 30.640	0700 Clds. .7 Ci	1300 Clds.	1900 Clds.
Ppn.	Liq. .01 in.	Prev. Dir. SW SW	3 hr. Tend. +1.4	Wx HAZE	Wx	Wx
Ppn.	Sol. .1 in.	Snow Depth T in.	Observer BK	Vis. 8 mi	Vis.	Vis.

T 16.1

T_w 15.7

T₀ 14.6

RH 930/6

PK MMS (34KTS) AT 904 EST JAN 1
1974

JAN 03 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	28 °F	Dir. ENE	Temp. 62			
Min.	15 °F	Vel. 2 m.p.h.	Read. 29.050			
Set	24 °F	Char. Light VAR	Corr. 28.949			
R. H.	90 %	24 hr. Mov. 79	Sea L. 30.394	0700 Clds. 1/10 S	1300 Clds.	1900 Clds.
Ppn. Liq.	.06 in.	Prev. Dir. S	3 hr. Tend. -.2	Wx Fog	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer BK	Vis. 4 mi	Vis.	Vis.

T 24.5
Tm 22.7
Td 22
RH. 90%

PK WND 7KTS AT 1910 EST JAN 2
0604 EST JAN 3

JAN 04 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	30 °F	Dir. SE	Temp. 63			
Min.	24 24 °F	Vel. CALM m.p.h.	Read. 28.940			
Set	27 27 °F	Char. SEA LGT	Corr. 28.837	0700	1300	1900
R. H.	87 %	24 hr. Mov. 64	Sea L. 30.270	Clds. 10/10Sc	Clds.	Clds.
Ppn. Liq.	36 in.	Prev. Dir. N	3 hr. Tend. +1.0/	Wx	Wx	Wx
Ppn. Sol.	1.3 in.	Snow Depth 1 in.	Observer W	Vis. 9	Vis.	Vis.

T 27.0

T_w 25.8

T_D 23.7

RH 87%

PK WND 9KTS 0508 EST 04 JAN

JAN 05 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	30°F	Dir. WSW	Temp. 61°F			
MIn.	13°F	Vel. 3 m.p.h.	Read. 28.995			
Set	15°F	Char. light	Corr. 28.897			
R. H.	84%	24 hr. Mov. 77	Sea L. 30.350	0700 Clds. 1/10 Accu	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +0mb.	Wx FROSTY	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 1" in.	Observer RK	Vis. 6 miles	Vis.	Vis.

$$T_{\text{surf}} = 14.8^{\circ}\text{F}$$

$$T_{\text{wet}} = ~~14.2^{\circ}\text{F}~~ 13.5^{\circ}\text{F}$$

$$\text{SPREAD} = ~~2.6^{\circ}\text{F}~~ 1.3^{\circ}\text{F}$$

$$T_{\text{D.P.}} = ~~14.6^{\circ}\text{F}~~ 10.8^{\circ}\text{F}$$

$$\text{R.H.} = 84\%$$

Pl. WIND of 17 KTS. AT 11:47 + 11:53 A.M. on 1/9/74

JAN 06 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	29°F	Dir. SW	Temp. 61°F			
Min.	15°F	Vel. 9 m.p.h.	Read. 28.747			
Set	27°F	Char. STEADY	Corr. 28.651			
R. H.	82%	24 hr. Mov. 62	Sea L. 30.068	0700 Clds. -AF 14/10 As	1300 Clds.	1900 Clds.
Ppn. Lq.	0 in.	Prev. Dir. WSW	3 hr. Tend. -1.0 mb.	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 1.0 in.	Observer R	Vis. 3 miles	Vis.	Vis.

$T_D = 26.9^\circ F$

$T_W = 24.3^\circ F$

$T_{DR} = 21.8^\circ F$

A.H. = 827.

PK. WIND OF 13MP. AT 4:43 P.M. ON 1/5/74

JAN 07 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	31 °F	Dir.	SSW	Temp.	60			
Min.	25 °F	Vel.	6 m.p.h.	Read.	28.630			
Set	27 23 °F	Char.	STAY	Corr.	28.536			
R. H.	75 %	24 hr. Mov.	176	Sea L.	29.946	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SSW	3 hr. Tend.	+0.5	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	1 in.	Observer	W	Wx	Wx	Wx
						10/10 Sc		
						F		
						Vis.	Vis.	Vis.
						2		

T 27.0

T_w 25.0

T_d 20.0

RH 75 %

JAN 08 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	29 °F	Dir.	W	Temp.	58	S--B 2200 EDT S-B 2230 SB 0100 INHT S- S INHT S+B 0545 EDT		
Min.	11 °F	Vel.	10 m.p.h.	Read.	29.035			
Set	12 °F	Char.	STEADY	Corr.	28.945			
R. H.	88 %	24 hr. Mov.	333	Sea L.	30.320	0700	1300	1900
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	+2.0mb	Clds. Few CU	Clds.	Clds.
Ppn.	T in.	Snow Depth	T in.	Observer	BK	Wx	Wx	Wx
						Vis. 15+	Vis.	Vis.

T 12.2
T_w 11.6
T_o 9.5
RH 88%

PK WINDS (36 KTS) AT 1908 EST JAN 7

JAN 09 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	25 °F	Dir.	S	Temp.	60			
Min.	12 °F	Vel.	2 m.p.h.	Read.	28.740			
Set	24 °F	Char.	light	Corr.	28.645			
R. H.	92 %	24 hr. Mov.	118	Sea L.	30.080	0700	1300	1900
Ppn. Liq.	.57 in.	Prev. Dir.	S	3 hr. Tend.	-2.5	Clds.	Clds.	Clds.
Ppn. Sol.	5.2 in.	Snow Depth	5.5 in.	Observer	BK	OBSCURED		
						Wx	Wx	Wx
						1P-S-		
						Vis. 2V (V2 1/2)	Vis.	Vis.

T 23.7

T_w 23

T_o 21.7

RH 92%

PK WINDS 13KTS AT 1135 EST JAN 05

JAN 10 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. SE	Temp. 62	710 EST 1P-S-- sharp T rise also		
Min.	22 °F	Vel. 5 m.p.h.	Read. 28.820	735 1P-2R--R 750 ^{EST} R- 900 EST R-1P--		
Set	29 °F	Char. Light	Corr. 28.720	905 R-1P- 910 EST 1P-R-- 917 EST 1P-R- 1030 EST 2R-R-		
R. H.	96 %	24 hr. Mov. 76	Sea L. 30.125	Clds. 10 NS	Clds. 1300	Clds. 1900
Ppn. Liq.	.37 in.	Prev. Dir. S	3 hr. Tend. 1-1.5	Wx 1P-S-	Wx	Wx
Ppn. Sol.	1.5 in.	Snow Depth 6.3 in.	Observer BK	Vis. 2	Vis.	Vis.

T 29.4

T_w 29.0

T_D 28.4

RH 96%

PK WINDS AT 1523 EST (17 KTS)

JAN 1 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	33 °F	Dir.	SE	Temp.	63			
Min.	29 °F	Vel.	CALM m.p.h.	Read.	28.545			
Set	33 °F	Char.	—	Corr.	28.403			
R. H.	92 %	24 hr. Mov.	55	Sea L.	29.793	0700	1300	1900
Ppn. Ldq.	.36 in.	Prev. Dir.	E	3 hr. Tend.	-0.41	Clds.	Clds.	Clds.
Ppn. Sol.	(SLEET) 0.5 in.	Snow Depth	6 in.	Observer	u	Wx	Wx	Wx
						4	Vis.	Vis.

T 33.4

T_w 32.5

T_d 31.2

RH 92 %

PK WND 11 KTS 0912 EST 10 JAN

JAN 12 1974

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	37°F	Dir.	SW	Temp.	61°F	SW--B 0625 E 0810		
Min.	21°F	Vel.	16 424 m.p.h.	Read.	28.847			
Set	22°F	Char.	STEADY	Corr.	28.750			
R. H.	87 %	24 hr. Mov.	116	Sea L.	30.177	0700	1300	1900
Ppn. Liq.	.01 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.3mb.	Clds.	Clds.	Clds.
Ppn. Sol.	.1 in.	Snow Depth	5 in.	Observer	R	7/10 Scd.		
						Wx	Wx	Wx
						SW--		
						Vis.	Vis.	Vis.
						5 miles		

SET. - 21.9°F

TW. - 18.7°F

TD. = 16.2°F

R.H. = 87%

PK. WIND of 25KTS. AT 0604A.M. 0211/12/79

JAN 13 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	24° F	Dir. SSW	Temp. 59° F			
Min.	5° F	Vel. 5 m.p.h.	Read. 29.269			
Set	8° F	Char. STONY	Corr. 29.176			
R. H.	78 %	24 hr. Mov. 167	Sea L. 30.672	0700 Clds. 19/10 Ci	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. S	3 hr. Tend. +1.0 mb.	Wx Bitter	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 5" in.	Observer R	Vis. 12 miles	Vis.	Vis.

$T_0 = 8.2^\circ\text{F}$

$T_w = 5.9^\circ\text{F}$

$T_{d.p.} = 3.1^\circ\text{F}$

R.H. = 78%

R wind of 30KTS. AT 0931A.M. ON 1/12/79

JAN 14 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	22 °F	Dir. 5	Temp. 59			
Min.	8 °F	Vel. 2 m.p.h.	Read. 22.105			
Set	15 °F	Char. 59T VRS	Corr. 29.012			
R. H.	82 %	24 hr. Mov. 64	Sea L. 30.982	0700 Clds. 100Ac	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. SSW	3 hr. Tend. 32	Wx GF N-E	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 5 in.	Observer UL	Vis. 12	Vis.	Vis.

T 15.0

T_w 14.5

T_d 11.4

RH 82%

PK WND 16 KTS AT 1156 EST 13 JAN

JAN 15 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. SW	Temp. 61			
Min.	15 °F	Vel. 8 m.p.h.	Read. 21.640			
Set	40 °F	Char. STEADY	Corr. 28.583			
R. H.	84 %	24 hr. Mov. 272	Sea L. 29.980	0700 Clds. 105	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. -1.8	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth 4.3 in.	Observer BK	Vis. 9 mi	Vis.	Vis.

T 40
T_w 28
T_o 35.5
RH 84%

PK WINDS 27 KTS AT 0103 EST JAN 15

JAN 16 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. SW	Temp. 64			
Min.	35 °F	Vel. 8 m.p.h.	Read. 28.635			
Set	37 °F	Char. STDY	Corr. 28.531			
R. H.	78 %	24 hr. Mov. 245	Sea L. 29.904	0700 Clds. <i>CM</i>	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. -0.1 V	Wx	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 3 in.	Observer LL	Vis. 7+	Vis.	Vis.

T 37.4

TW 34.8

T_d 31.1

RH 78%

PK WND 42 KTS 1612 15 JAN 74
48 MPH

JAN 17 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. WSW	Temp. 65			
Min.	36 °F	Vel. 3 m.p.h.	Read. 28.800			
Set	39 °F	Char. Lgt B VARIABLE	Corr. -0.692			
R. H.	81 %	24 hr. Mov. 347	Sea L. 30.064	0700 Clds. 10/105	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. +2.41	Wx GF	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth T in.	Observer BK	Vis. 6 mi	Vis.	Vis.

T 39.4

T_w 37.0

T_O 33.8

RH 81%

PR WINDS 44KTS at 1827 EST JAN 16 1974

JAN 18 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. S	Temp. 63			
Min.	18 °F	Vel. 2 m.p.h.	Read. 29.120			
Set	23 °F	Char. STAY	Corr. 29.017			
R. H.	58 %	24 hr. Mov. 148	Sea L. 30.468	0700 Clds. 10/0 Sc	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. NE	3 hr. Tend. +0.1 ✓	Wx	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer LU	Vis. 15+	Vis.	Vis.

T 23.0

T_w 20.0

T_d 10.2

RH 58 %

PK WND 21 KTS AT 1028 EST 17 JAN

JAN 19 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. WNW	Temp. 65 °F	R- 130645 occul. R 6 0510		
Min.	23 °F	Vel. 2 m.p.h.	Read. 28.772			
Set	35 °F	Char. UNSTEADY	Corr. 28.664			
R. H.	92 %	24 hr. Mov. 104	Sea L. 30.071	0700 Clds. XF 10/10 ST.	1300 Clds.	1900 Clds.
Ppn. Liq.	.23 in.	Prev. Dir. SOUTH	3 hr. Tend. +2 mb.	Wx R- occul. R	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer R	Vis. 1/2 mile	Vis.	Vis.

$T_{set.} = 34.7^{\circ}F$

$T_{wa.} = 33.0^{\circ}F$

$T_{o.p.} = 32.3^{\circ}F$

$RH = 92\%$

P. WIND OF 19 KTS. AT 9:32 P.M. ON 1/10/74

JAN 20 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	33°F	Dir. NW	Temp. 65°			
Min.	29°F	Vel. 6 m.p.h.	Read. 28.975			
Set	30°F	Char. Light	Corr. 28.867			
R. H.	86%	24 hr. Mov. 71	Sea L. 30.281	0700 Clds. - wF 1/15 As	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. WNW	3 hr. Tend. -omb.	Wx GF	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer R	Vis. 4 miles	Vis.	Vis.

$T_{\text{sur.}} = 30.1^{\circ}\text{F}$

$T_{\text{wb}} = 26.5^{\circ}\text{F}$

$T_{\text{db}} = 24.6^{\circ}\text{F}$

$\text{R.H.} = 86\%$

R. WIND OF 12 KTS. AT 12:46 P.M. ON 1/19/74

JAN 21 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. ESE	Temp. 65			
Min.	30 °F	Vel. 9 m.p.h.	Read. 28.720			
Set	37 °F	Char. STAY	Corr. 28.613			
R. H.	92 %	24 hr. Mov. 124	Sea L. 30.003	0700 Clds. 10/10 ST	1300 Clds.	1900 Clds.
Ppn.	Liq. .53 in.	Prev. Dir. S	3 hr. Tend. -2.11	Wx R-F	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer WL	Vis. 3	Vis.	Vis.

T 37.2

T_w 36.3

T_d 35.1

RH 92%

PK WND 19 KTS AT 2230²⁰ EST 6 JAN
23/6

JAN 22 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	43 °F	Dir. WSW	Temp. 64			
Min.	36 °F	Vel. 5 m.p.h.	Read. 29.870			
Set	40 °F	Char. STEADY	Corr. 28.765			
R. H.	56 %	24 hr. Mov. 244	Sea L. 30.163	0700 Clds. 10/105	1300 Clds.	1900 Clds.
Ppn. Liq.	.34 in.	Prev. Dir. SW	3 hr. Tend. +1.0	Wx	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer BK	Vis. 9mi	Vis.	Vis.

39.8 T
34.3 Tw
25.5 Td
RH 56%

PKWNS 3IKTS AT 1811EST JAN 21

JAN 23 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	46 °F	Dir. —	Temp. 67	RW - B 1249 PK WND 940 1628		
Min.	36 °F	Vel. CALM m.p.h.	Read. 28.665			
Set	39 °F	Char. OCNL LGT WND	Corr. 28.552			
R. H.	91 %	24 hr. Mov. 61	Sea L. 29.925	0700 Clds. 10/10 Sc RINAVE	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. WSW	3 hr. Tend. -0.9	Wx GP N-E	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer UL	Vis. 12	Vis.	Vis.

T 38.9

T_w 37.0

T_d 34.5

RH 91 %

PK WND 13 KTS AT 0804 22 JAN

JAN 24 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. —	Temp. 65			
Min.	31 °F	Vel. CALM m.p.h.	Read. 29.03			
Set	32 °F	Char. Light Variable	Corr. 28.912			
R. H.	70 %	24 hr. Mov. 164	Sea L. 30-322	0700 Clds. 9/10 AS	1300 Clds.	1900 Clds.
Ppn. Liq.	.04 in.	Prev. Dir. SW	3 hr. Tend. +.5	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer BK	Vis. 12 MI	Vis.	Vis.

T 32.1

T_w 29.3

T_D 24.2

RH 70²/₁₀

PKWNO 40 KTS AT 1628 EST JAN 03

JAN 25 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. SSW	Temp. 65			
Min.	29 °F	Vel. 5 m.p.h.	Read. 29.045			
Set	30 °F	Char. STDY	Corr. 29.036			
R. H.	89 %	24 hr. Mov. 57	Sea L. 30.458	0700 Clds. 3/10 C; AL SE-SW	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. SSW	3 hr. Tend. +0.6	Wx GFH	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer UL	Vis. 4	Vis.	Vis.

T 30.0

T_w 28.9

T_d 27.2

RH 89 %

PK WIND 7 KTS AT 130Z 24 JAN

JAN 26 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	-13°F	Dir. NE	Temp. 66°F			
Min.	26°F	Vel. 1 m.p.h.	Read. 29.029			
Set	23°F	Char. light	Corr. 28.918			
R. H.	75%	24 hr. Mov. 67	Sea L. 30.331	0700 Clds. 7/100	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. +0mb.	Wx	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer RK	Vis. 7miles	Vis.	Vis.

$T_{air} = 27.3^{\circ}F$

$T_{wb} = 23.9^{\circ}F$

$T_{dp} = 20.9^{\circ}F$

R.H. = 75%

PK. wind of 11KTS. AT 12:22 P.M. ON 1/25/74

JAN 27 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F		Dir. SW	Temp. 68 °F			
Min. 28 °F		Vel. 11 617 m.p.h.	Read. 28.477			
Set 53 °F		Char. STEADY	Corr. 28.362	0700	1300	1900
R. H. 82 %		24 hr. Mov. 86	Sea L. 29.707	Clds. Sc4 9/10 cl	Clds.	Clds.
Ppn. Liq. .05 in.		Prev. Dir. SSW	3 hr. Tend. +0mb. w/stray	Wx	Wx	Wx
Ppn. Sol. .0 in.		Snow Depth 0.0 in.	Observer R	Vis. 15 miles	Vis.	Vis.

$T_{500} = 53.1^{\circ}\text{F}$

$T_{400} = 44.9^{\circ}\text{F}$

$T_{300} = 43.6^{\circ}\text{F}$

R.H. = 92%

R. WIND OF 31 KTS. AT 06:10 AM. ON 1/22/74

JAN 28 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. SSW	Temp. 67			
Min.	39 °F	Vel. 3 m.p.h.	Read. 28.800			
Set	40 °F	Char. Light Variable	Corr. 28.687			
R. H.	87 %	24 hr. Mov. 351	Sea L. 30.046	0700 Clds. 10 10 AS	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.5	Wx FOG HAZE	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer BK	Vis. 5 mi	Vis.	Vis.

T 40.1

Tw 38.5

Td 36.5

RH 87010

PK WINDS 55 KTS AT 1003 EST JAN 27 1974

JAN 29 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. WSW	Temp. 66			
Min.	38 °F	Vel. 5 m.p.h.	Read. 28.795			
Set	38 °F	Char. STEADY	Corr. 28.685			
R. H.	84 %	24 hr. Mov. 160	Sea L. 30.064	0700 Clds. 105	1300 Clds.	Clds.
Ppn. Liq.	40 in.	Prev. Dir. SW	3 hr. Tend. +2.1	Wx -	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer BK	Vis. 12 mi	Vis.	Vis.

T 38.4
T_w 36.5
T_D 34
RH 84010

PK WIND 44 KTS AT 2351 EST JAN 28

558-0-14374 JAN 30 1074
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
41 °F	SSW	28 67				
Min.	Vel.	Read.				
36 °F	5 m.p.h.	28.780				
Set	Char.	Corr.	0700	1300	1900	
37 °F	STDY	28.667				
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
78 %	71	30.054	7/10 Sc			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	SSW	+1.3 ✓				
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	WL	9			

T 36.8

T_w 35.0

T_d 32.5

RH 78 %

PK WND 14 KTS AT 0817 EST 29 JAN

JAN 31 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F	Dir. SW	Temp. 67	PK WIND 645 1317 655 1323 951 1330 952 1504 956 1526 962 1531			
Min. 36 °F	Vel. 5 m.p.h.	Read. 28.580				
Set 38 °F	Char. STEADY	Corr. 28.468				
R. H. 64 %	24 hr. Mov. 161	Sea L. 29.834	0700 Clds. 3/0 ci	1300 Clds.	1900 Clds.	
Ppn. 0 in.	Liq. Prev. Dir. SW	3 hr. Tend. -1.8	Wx —	Wx	Wx	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer BK	Vis. 12 mi	Vis.	Vis.	

T 38.4

T_w 34.3

T_D 27

RH 64%

PK WIND 16 KTS 1232 EST 30 JAN
1237