

NOV 1, 1976

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	49 °F	Dir.	WNW	Barom.	Temp.			
Min.	30 °F	Vel.	7 m.p.h.	Read.				
Set	31 °F	Char.	UNSTEADY	Corr.				
R. H.	73 %	24 hr. Mov.	188	Sea L.	30.060			
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	4.4 mb	0700	1300	1900
Ppn.	— in.	Snow Depth	— in.	Observer	P.S.	Clds.	Clds.	Clds.
				Vis.	35+ mi	Wx	Wx	Wx
				Vis.		Vis.	Vis.	Vis.

$T_{set} = 51.3$

$T_w = 28.6$

$T_D = 23.8$

$RH = 73\%$

PK GUST 26 KTS @ 929 PM E1

Nov 2 1976

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		0700 EST		General Obs.		
Max.	48 °F	Dir.	SW	Barom.	Temp.			
Min.	28 °F	Vel.	4 m.p.h.	Read.	Read.			
Set	28 °F	Char.	Steady	Corr.	Corr.			
R. H.	72 %	24 hr. Mov.	180	Sea L.	30.212	0700	1300	1900
Ppn.	—	Prev. Dir.	SW	3 hr. Tend.	Steady	Clds.	Clds.	Clds.
Ppn.	—	Snow Depth	—	Observer	GK	Wx	Wx	Wx
				Vis.	35	Vis.	Vis.	Vis.

T_s 28

T_{op} 20

RH 72 %

Peak wind 26 150 PM

Nov 3 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	50 °F	Dir.	5	Temp.				
Min.	28 °F	Vel.	5 m.p.h.	Read.				
Set	48 °F	Char	Steady	Corr.				
R. H.	46 %	24 hr. Mov.	300	Sea L.	29.921	0700	1300	1900
Ppn.	—	Prev. Dir.	5	3 hr. Tend.	1.5	Clds.	Clds.	Clds.
	in.					Wx	Wx	Wx
Ppn.	—	Snow Depth	—	Observer	GK	Wx	Wx	Wx
	in.					Vis.	Vis.	Vis.
						20		

T_s 48

T_{op} 28

RH 46%

Peak Wind - 17 Noon

Nov 4 1976

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		SW 230-330 AM		
Max.	52 °F	Dir.	S	Temp.	—			
Min.	33 °F	Vel.	2 m.p.h.	Read.	—			
Set	34 °F	Char.	light	Corr.	—			
R. H.	92 %	24 hr. Mov.	190	Sea L.	29.879	0700	1300	1900
Ppn.	0.1 in.	Prev. Dir.	S	3 hr. Tend.	1/	Clds.	10/10 st	Clds.
Ppn.	0.1 in.	Snow Depth	7 in.	Observer	GK	Wx	cloudy	Wx
				Vis.	1 1/2 - 2	Vis.		Vis.

T_s 34

T_{dp} 32

RH 92%

Peak Wind - 20 Kts 130 AM

Nov 5, 1976

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa.		
Max.		Dir.		Barom.		General Obs.		
50	°F	SW		Temp.		SWU E MOUNTAIN - 9-32 WHITE		
32	°F	3	m.p.h.	Read.				
35	°F	STEADY		Corr.				
R. H.		24 hr. Mov.		Sea L.		0700	1300	1900
62	%	82		29.96		Clds. 10/10	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
T	in.	S-SW		100		Clouds		
Ppn.	Sol.	Snow Depth		Observer		Vis.	Vis.	Vis.
T	in.	-	in.	B		10		

35
26

NOVEMBER 6, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	42 °F	Dir.	SW	Temp.	62	SOME GROUND FOG ESP IN VALLEY EAST OF MT. NITTEN		
Min.	30 °F	Vel.	12 m.p.h.	Read.	28.815			
Set	33 °F	Char.	STEADY	Corr.	28.715			
R. H.	69 %	24 hr. Mov.	214	Sea L.	30.097	0700	1300	1900
Ppn.	.01 in.	Prev. Dir.	SW	3 hr. Tend.	+7.7	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	L.T.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						6 mi		

$T_{SET} = 33.2$

$T_{WET} = 29.7$

$T_D = 24.2$

R.H = 69%

PEAK WIND 23 KTS 12:59 AM EST
NOV 6, 1976

Nov 7 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	48 °F	Dir.	SW	Temp.	SW-B 700 ^{2M} SW B 1150 E 1200 .5"		
Min.	32 °F	Vel.	4 m.p.h.	Read.			
Set	38 °F	Char.	Steady	Corr.			
R. H.	65 %	24 hr. Mov.	260	Sea L.	0700	1300	1900
Ppn.	—	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	—	Snow Depth	— in.	Observer	Wx	Wx	Wx
					10/10 ST		
					Steady	Cloudy	
					Vis.	Vis.	Vis.
					10 mi		

Ts 38

Top 28

RH 65

Peak wind - 30 KT 1212 PM

NOV. 8, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	46 °F	Dir.	W	Temp.	64			
Min.	27 °F	Vel.	10 m.p.h.	Read.	28.690			
Set	27 °F	Char.	STEADY	Corr.	28.585			
R. H.	80 %	24 hr. Mov.	206	Sea L.	29.987	0700	1300	1900
Ppn.	0.02 in.	Prev. Dir.	SW	3 hr. Tend.	+0.9mb	Clds.	Clds.	Clds.
Ppn.	0.2 in.	Snow Depth	T in.	Observer	P.S.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 mi		

TSET = 27.0

TW = 25.2

TO = 21.7

RH = 80%

PK GUST 33 KTS @ 133Z EST

11-9-76

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. SW	Temp. 64			
Min.	19 °F	Vel. 2 m.p.h.	Read. 28.652			
Set	22 °F	Char. light	Corr. 28.547			
R. H.	70 %	24 hr. Mov. 270	Sea L. 29.967	0700 Clds. 10/10 light	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. 1 \	Wx Cloudy	Wx	Wx
Ppn. Sol.	T in.	Snow Depth T in.	Observer GK	Vis. 15	Vis.	Vis.

Ts 22

Top 14

RH 70

Peakwind - 28 1135 AM

11-10-76

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	SW	Temp.	62			
Min.	22 °F	Vel.	615 10 m.p.h.	Read.	28.329			
Set	37 °F	Char.	Gusty	Corr.	28.732			
R. H.	82 %	24 hr. Mov.	140	Sea L.	29.602	0700	1300	1900
Ppn.	.10 in.	Prev. Dir.	SW	3 hr. Tend.	21	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	GK	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						Vis.	Vis.	Vis.

Clds. #
10 Cu

Wx
Partly
cloudy

Vis.
20

$T_s - 37$

RH 82%

$T_o - 32$

Peak wind - [20 kts (6:15 - 20:53) 7 AM]

Ts 34

Top 28

RH 82

Peak wind

27 325 PM

NOVEMBER 12, 1970 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F		Dir. SW	Temp. 63°			
Min. 28 °F		Vel. 3 m.p.h.	Read. 28.99			
Set 29 °F		Char. STEADY	Corr. 28.88	0700	1300	1900
R. H. 61 %		24 hr. Mov. 128	Sea L. 30.16	Clds. 9/10 AC	Clds.	Clds.
Ppn. T in.	Liq.	Prev. Dir. SW	3 hr. Tend. +1.5 ✓	Wx. Fair	Wx	Wx
Ppn. T in.	Sol.	Snow Depth — in.	Observer JB	Vis. 35+	Vis.	Vis.

$$\begin{array}{r} 28.99 \\ - .106 \\ \hline 28.884 \\ + 1.28 \\ \hline 30.26 \end{array}$$

NOVEMBER 13, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. WSW	Temp. 59			
Min.	26 °F	Vel. 8 m.p.h.	Read. 29.001			
Set	28 °F	Char. STEADY	Corr. 28.909			
R. H.	80 %	24 hr. Mov. 197	Sea L. 30.334	0700 Clds. Alto Cu 8/10 Str. Cu.	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. WSW	3 hr. Tend. +0.7	Wx AN INFRAUM Wx SNOW FLURRY		Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer L.T.	Vis. 9 mi	Vis.	Vis.

$T_{SET} = 28.2$

$T_{WET} =$

$T_D = 23$

$R.H. = 80\%$

PEAK WIND 21 KTS AT 1:09 PM NOV. 12, 1976
E.S.T.

11-14-76

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.		Dir.		Temp.			
37	°F	WSW		60			
Min.		Vel.		Read.			
27	°F	6-15		28.815			
		m.p.h.					
Set		Char.		Corr.			
29	°F	Gusty		28.720			
R. H.		24 hr. Mov.		Sea L.	0700	1300	1900
68	%	275		30.120	Clds.	Clds.	Clds.
					2		
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx
T	in.	WSW		Steady	Clear		
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.
T	in.	-	in.	GK	15		

Ts 28

Top 20

RH 68%

Peak Wind - 20 1035 PM

NOV. 15, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	44 °F	Dir.	SW	Temp.	62			
Min.	27 °F	Vel.	2 m.p.h.	Read.	28.779			
Set	31 °F	Char.	LIGHT	Corr.	28.679			
R. H.	63 %	24 hr. Mov.	134	Sea L.	30.088	0700 Clds.	1300 Clds.	1900 Clds.
Ppn.	— in.	Prev. Dir.	WSW	3 hr. Tend.	-.4mb L	Wx	HAZE	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	P.S.	Vis.	10 mi.	Vis.

$$T_{SET} = 31.3$$

$$T_w = 27.5$$

$$T_0 = 20.1$$

$$R_H = 63\%$$

PK GUST 25KTS @ 144 EST

NOV 16 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	40 °F	Dir.	SW	Temp.	60			
Mln.	26 °F	Vel.	5 m.p.h.	Read.	28.819			
Set	28 °F	Char.	Steady	Corr.	28.725			
R. H.	78 %	24 hr. Mov.	70	Sea L.	30.145	0700	1300	1900
Ppn.	—	Prev. Dir.	WSW	3 hr. Tend.	21	Clds.	Clds.	Clds.
	— in.					Wx	Wx	Wx
Ppn.	—	Snow Depth	— in.	Observer	GK	Wx	Wx	Wx
	— in.					Vis.	Vis.	Vis.
						10		



Nov 17 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	45 °F	Dir.	SW	Temp.	60		
Min.	27 °F	Vel.	5 m.p.h.	Read.	28.861		
Set	29 °F	Char.	Steady	Corr.	28.766		
R. H.	69 %	24 hr. Mov.	135	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	3/10 Ci, Mist	Wx	Wx
					Wx	Wx	Wx
					Vis.	Vis.	Vis.
					10		

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Ts 29

Top 20

RH

Peak wind - 15 Kts 2:10 PM

Nov 18 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	50 °F	Dir.	WSW	Temp.	60			
Min.	28 °F	Vel.	6-15 10 m.p.h.	Read.	28.369			
Set	38 °F	Char.	Gusty	Corr.	28.276			
R. H.	67 %	24 hr. Mov.	185	Sea L.	29.636	0700	1300	1900
Ppn.	—	Prev. Dir.	WSW	3 hr. Tend.	1.5	Clds.	Clds.	Clds.
Ppn.	—	Snow Depth	—	Observer	GK	90 Partly Cloudy	Wx	Wx
						Vis.	Vis.	Vis.
						8		

T_s 38

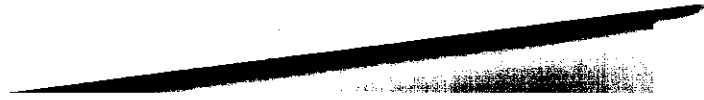
T_{op} 28

RH - 67

Peak Wind - 32 Kts 135 711

NOV. 19, 1976

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	50 °F	Dir.	SW	Barom.	Temp.	P. 6. 36 KTS AT 5:30 A.M.		
Min.	36 °F	Vel.	15 m.p.h.	Read.	760			
Set	48 °F	Char.	GUSTY	Corr.	28.51			
R. H.	59 %	24 hr. Mov.	220	Sea L.	28.41			
Ppn. Liq.	— in.	Prev. Dir.	SW	3 hr. Tend.	—	0700	1300	1900
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	—	Clds.	Clds.	Clds.
						Clear		
						Wx	Wx	Wx
						—		
						Vis.	Vis.	Vis.
						35T		



Ts - 34

Top - 25

RH - 70

Peak Wind - 40 Kts 1255 PM

May 21 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	42 °F	Dir.	S	Temp.	60			
Min.	28 °F	Vel.	5 m.p.h.	Read.	28.361			
Set	32 °F	Char.	Steady	Corr.	28.266			
R. H.	80 %	24 hr. Mov.	175	Sea L.	29.636	0700	1300	1900
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	Steady	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	GK	Wx.	Wx	Wx
						Vis.	Vis.	Vis.
						10		

1000116 01 80001100000

Tset 32

Top 26

RH 80

BackWind 26 12 NOON

Nov 22-1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	42 °F	Dir.	W	Temp.	0730 SW-			
Min.	26 °F	Vel.	620 V ¹² / ₁₅ m.p.h.	Read.				28.384
Set.	27 °F	Char.	Gusty	Corr.				28.286
R. H.	65 %	24 hr. Mov.	250	Sea L.	29.656	0700	1300	1900
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	1.51	Clds.	10/10 st	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	GK	Wx	Cloudy	Wx
						Vis.	10	Vis.

$T_s - 27$

$T_{dp} - 17$

$RH - 65\%$

Peak wind - 30 Kts 230 PM

NOV. 23, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	32 °F	Dir.	WSW	Temp.			
				57			
Min.	24 °F	Vel.	15 G24 m.p.h.	Read.			
				28.771			
Set	27 °F	Char.	Gusty	Corr.			
				28.685			
R. H.	75 %	24 hr. Mov.	303	Sea L.	0700	1300	1900
				30.112	Clds.	Clds.	Clds.
					10/10 Sky		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx			
T	in.	W	+ 1.1 mb ✓	SW -			
Ppn.	Sol.	Snow Depth	Observer	Vis.			
T	in.	- in.	P.S.	7 mi.			

TSET = 26.8

TW = 24.6

TO = 19.9

RH = 75%

Ac Gust 21.615 @ 1023 EST

Nov. 24, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max. 32 °F		Dir. SSW		Temp. 56		SB 1552 - OFF TOP VERY LIGHT THRU EVE.		
Min. 23.4 °F		Vel. 3 m.p.h.		Read. 28.820				
Set 25 °F		Char. LIGHT		Corr. 28.736				
R. H. 69 %		24 hr. Mov. 232		Sea L. 30.154	0700 Clds. 6/10 ACu	1300 Clds.	1900 Clds.	
Ppn. 1 in.	Liq.	Prev. Dir. SW		3 hr. Tend. ± 0	Wx	Wx	Wx	
Ppn. T in.	Sol.	Snow Depth — in.		Observer P.S.	Vis. 10 mi	Vis.	Vis.	

TSET = 25.0

TW = 22.3

Td = 16.1

RH = 69%

PK GUST 32 kts e 1040 EST

NOV. 25, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. S	Temp. 60			
Min.	28.4 °F	Vel. 2 m.p.h.	Read. 28.800			
Set	28 °F	Char. LIGHT	Corr. 28.705			
R. H.	77 %	24 hr. Mov. 142	Sea L. 30.123	0700 Clds. 5/10 ACU	1300 Clds.	1900 Clds.
Ppn. Liq.	.01 in.	Prev. Dir. SW	3 hr. Tend. +0.3mb	Wx Haze	Wx	Wx
Ppn. Sol.	.1 in.	Snow Depth — in.	Observer P.S.	Vis. 8mi	Vis.	Vis.

Tset = 27.5

TW = 25.7

TD = 22.2

RH = 77%

PK GUST 23 KTS @ 004Z BR

NOV. 26, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F		Dir. VARIABLE	Temp. 62			
Min. 28 °F		Vel. 1 m.p.h.	Read. 28.700			
Set 34 °F		Char. NEAR CALM	Corr. 28.601			
R. H. 79 %		24 hr. Mov. 52	Sea L. 29.989	0700 Clds. 3/10 Ci	1300 Clds.	1900 Clds.
Ppn. — in.	Liq.	Prev. Dir. S	3 hr. Tend. ±0 V	Wx	Wx	Wx
Ppn. — in.	Sol.	Snow Depth — in.	Observer P.S.	Vis. 15 mi	Vis.	Vis.

TSET= 34.4

TW= 32.1

Tg= 28.5

RH= 79.06

PK Wind less than 10 m/s



NOV 27, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max. 60 °F		Dir. SSW		Temp. 64	Small Snow		
Min. 34 °F		Vel. 7 65 m.p.h.		Read. 28.592			
Set 49 °F		Char. GUSTY		Corr. 28.488			
R. H. 89 %		24 hr. Mov. 121		Sea L. 29.828	0700 Clds. 10/10 SCL	1300 Clds.	1900 Clds.
Ppn. Liq. .05 in.		Prev. Dir. SW		3 hr. Tend. -0.1 in. ^	Wx	Wx	Wx
Ppn. Sol. — in.		Snow Depth — in.		Observer P.S.	Vis. 10 mi	Vis.	Vis.

FORM NO. 26 (REV. 11-15-64)

TSET = 49.2

TW = 47.5

TD = 46.0

RH = 89

PK GUST 18 @ 1215 @ 1303 EST

NOV. 28 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	62 °F	Dir.	NW	Temp.	65		
Min.	42 °F	Vel.	4 m.p.h.	Read.	28.782		
Set	43 °F	Char.	LIGHT	Corr.	28.675		
R. H.	89 %	24 hr. Mov.	131	Sea L.	0700	1300	1900
					Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	Wx	Wx	Wx
					FOG		
Ppn.	— in.	Snow Depth	— in.	Observer	Vis. 5mi W	Vis.	Vis.
					3mi E		

$$T_{SET} = 43.0$$

$$T_W = 41.5$$

$$T_D = 39.9$$

$$RH = 89\%$$

MAX OVRG TO KFS @ 155 ESR

NOV. 29, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	43 °F	Dir.	W	Temp.	64		
Min.	27 °F	Vel.	5 m.p.h.	Read.	28.521		
Set	27 °F	Char.	UNSTEADY	Corr.			
R-H	88 %	24 hr. Mov.	86	Sea L.	0700 Clds.	1300 Clds.	1900 Clds.
Ppn.	.37 in.	Prev. Dir.	NR W-NW	3 hr. Tend.	Wx	Wx	Wx
Ppn.	0.6 in.	Snow Depth	1 in.	Observer	Wx	Wx	Wx
					Vis	Vis.	Vis.
					4 mi.		

$T_{set} = 27.2$

$T_w = 26.1$

$T_d = 24.1$

$RH = 88$

PK Gust 14 m/s @ 0325 UTC

NOV. 30, 1976

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. S	Temp. 59			
Min.	7 °F	Vel. 2 m.p.h.	Read. 28.912			
Set	8 °F	Char. LIGHT	Corr. 28.820	0700	1300	1900
R. H.	83 %	24 hr. Mov. 239	Sea L. 30.274	Clds. Ho Sky	Clds.	Clds.
Ppn.	.01 in.	Prev. Dir. SW	3 hr. Tend. + 1.1 in. /	Wx	Wx	Wx
Ppn.	0.1 in.	Snow Depth 1 in.	Observer P.S.	Vis. 12 mi.	Vis.	Vis.

$T_{set} = 7.5$

$T_w = 6.7$

$T_D = 3.4$

$RH = 83\%$

PK GUST 30 117 @ 1608+2203

Est