

SUN DEC 1, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	40 °F	Dir.	NE	Temp.	<del>28</del> 70	RIDGETOP FOG DUE TO LOW CEILING		
Min.	34 °F	Vel.	2 m.p.h.	Read.	28.90			
Set	36 °F	Char.	—	Corr.	28.78			
R. H.	85 %	24 hr. Mov.	31 m.p.h.s	Sea L.	30.18	0700	1300	1900
Ppn.	.06 in.	Prev. Dir.	ENE	3 hr. Tend.	-.5mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	RMS	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						10/10		
						DRIZZLE		
						10 m.p.h.s		

$$DD = 28$$

$$EOD = 28$$

$$P = .06$$

$$EP = .06$$

$$T = 39$$

$$Td = 35$$

Monday, December 2, 1995

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. W	Temp. 68°F	* G 32 + PRESRR		
Min.	34 °F	Vel. * 18 m.p.h.	Read. 28.32			
Set	34 °F	Char. GUSTY	Corr. 28.21			
R. H.	61 %	24 hr. Mov. 164.9 ms	Sea L. 29.58	0700 Clds. 9/10 CU SC	1300 Clds.	1900 Clds.
Ppn. Liq.	0.47 in.	Prev. Dir. S	3 hr. Tend. +0.1 in. †	Wx Mostly Cloudy	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JEL	Vis. 25 MI	Vis.	Vis. 35°

$$\bar{T} = 42^\circ$$

$$T_{\text{wet}} = 35$$

$$T_{\text{dew}} = 21$$

$$H_{\text{dew}} = 23$$

$$E_{\text{MD}} = 51$$

$$E_{\text{PCW}} = 0.53$$

$$T_{\text{max}} = 01/1970$$

$$T_{\text{min}} = 1/1976$$

$$T_{\text{ave}} = 4/27$$

TUESDAY DECEMBER 3, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	NNW	Temp.	68 °F	BINOVC TO N & E		
Min.	19 °F	Vel.	12 m.p.h.	Read.	28.98			
Set	20 °F	Char.	GLISTY	Corr.	28.87			
R. H.	75 %	24 hr. Mov.	462.7	Sea L.	30.32	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx				
	0.02 in.	SW	+3.0MB	MO. CLOUDY				
Ppn.	Sol.	Snow Depth	Observer	Vis.				
	0.10 in.	T in.	AGS	35 MI				

T RAMOS  $\rightarrow$  22

T<sub>D</sub> RAMOS  $\rightarrow$  14

P<sub>CN</sub>  $\rightarrow$  0.20"

$\frac{1}{2}$  P<sub>CN</sub>  $\rightarrow$  0.55"

$\bar{T}$   $\rightarrow$  28

H<sub>DD</sub>  $\rightarrow$  37

$\frac{1}{2}$  H<sub>DD</sub>  $\rightarrow$  88

P<sub>CN</sub> SOL  $\rightarrow$  0.10

$\frac{1}{2}$  P<sub>CN</sub> SOL  $\rightarrow$  0.10



$$T_R = 23$$

$$T_{D_R} = 13$$

$$P = T$$

$$\Sigma P = .55$$

$$\bar{T} = 25$$

$$DD = 40$$

$$\Sigma DD = 128$$





$T_{RAMOS} \rightarrow 25$

$T_D RAMOS \rightarrow 17$

$\bar{T} \rightarrow 22$

$H_{DD} \rightarrow ~~33~~ 43$

$\frac{1}{4} H_{DD} \rightarrow 150$

$P_{CN} \rightarrow 0.00$   $P_{CN SOL} \rightarrow 0.00$

$\frac{3}{4} P_{CN} \rightarrow 0.55$   $\frac{1}{4} P_{CN SOL} \rightarrow 0.10$

FRIDAY, DEC. 6, 1995

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	70°F	* "snow" measrable snow fall of the season		
33 °F	—	Read.				
Min.	Vel.	28.78				
24 °F	m.p.h.	Corr.	28.66	0700	1300	1900
Set	Char.	Sea L.	8/8	Clds.	Clds.	Clds.
26 °F	calm	30.08	Wx	Wx	Wx	
R. H.	24 hr. Mov.	3 hr. Tend.	cloudy	Vis.	Vis.	Vis.
87 %	16	+2 mb	3/4 mi			
Ppn.	Liq.	Prev. Dir.				
28 in.	S					
Ppn.	Sol.	Snow Depth	Observer			
2.8 in.	3 in.	3	mz			

$$\bar{T} = 25^{\circ}$$

$$\bar{T}_D = 24^{\circ}$$

$$\bar{T} = 25$$

$$H_{D10} = 37$$

$$\Sigma H_{D10} = 187$$

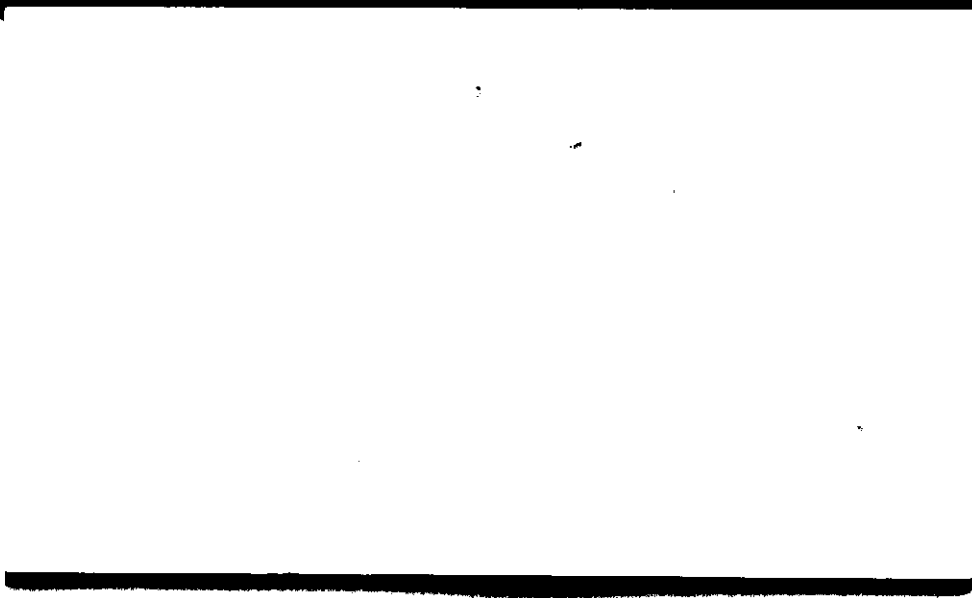
$$\Sigma P_{CN} \rightarrow 0.83$$

$$\Sigma P_{CN\ SOL} \rightarrow 0.110$$

Sat. Dec. 67 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. SW	Temp. 72			
Min.	26 °F	Vel. 4 m.p.h.	Read. 29.06			
Set	28 °F	Char.	Corr. 28.93			
R. H.	75 %	24 hr. Mov. 73 mi	Sea L. 30.36	0700 Clds. 10/10 sc	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. NW	3 hr. Tend. +0.7mb	Wx -	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 2 in.	Observer FJG	Vis. 8 mi	Vis.	Vis.



SUN DEC 8, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	35 °F	Dir.	SW	Temp.	72			
Min.	26 °F	Vel.	6 m.p.h.	Read.	28.81			
Set	27 °F	Char.	-	Corr.	28.69			
R. H.	77 %	24 hr. Mov.	107	Sea L.	30.09	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	- .2 in.	Wx	Wx	Wx
						M. CLDY		
Ppn.	- in.	Snow Depth	1 in.	Observer	RMS	Vis.	Vis.	Vis.
						15mi.		

$$+ 29$$

$$Td = 22$$

$$\Sigma P = .83$$

$$\bar{T} = 31$$

$$\bar{DD} = 34$$

$$\Sigma DD = 255$$



MONDAY, DECEMBER 9, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. SW	Temp. 71°F	BINOVIC		
Min.	27 °F	Vel. 3 m.p.h.	Read. 28.95			
Set	29 °F	Char. Light	Corr. 28.83			
R. H.	76 %	24 hr. Mov. 99.8 MI	Sea L. 30.25	0700 Clds. 10/10 sc	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +0.04 in Hg	Wx Clady	Wx	Wx
Ppn.	Sol. — in.	Snow Depth T in.	Observer JEL	Vis. 20 MI	Vis.	Vis. 32°

$$\bar{T} = 35$$

$$T_{\text{root}} = 32$$

$$T_{\text{root}} = 24$$

$$H_{00} = 30$$

$$\sum H_{00} = 285$$

$$\sum P_{iW} = 0.83$$

$$T_{\text{max}} = 62.1946$$

$$T_{\text{min}} = -1.1917$$

$$T_{\text{avg}} = 38/24$$

Tuesday December 10, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. -	Temp. 71 °F	Overnight low ~ 34°		
Min.	29 °F	Vel. - m.p.h.	Read. 29.24			
Set	34 °F	Char. CALM	Corr. 29.13			
R. H.	70 %	24 hr. Mov. 106 mi.	Sea L. 30.55	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. W	3 hr. Tend. +0.0mb Δ	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer RLB	Vis. 10 mi.	Vis.	Vis.

$$\bar{T} = \frac{47+29}{2} = \frac{76}{2} = 38$$

$$K_{100} = 65 - \bar{T} = 65 - 38 = 27$$

$$\sum K_{100} = 27 + 285 = 312$$

$$\sum R_N = 0.83$$

WEDNESDAY, DECEMBER 11, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48° °F	Dir. NE	Temp. 70°F	OVERNIGHT LOW ~ 40°F		
Min.	34° °F	Vel. 4 m.p.h.	Read. 28.89			
Set	41° °F	Char. Light	Corr. 28.77			
R. H.	87 %	24 hr. Mov. 66.5 miles	Sea L. 30.15	0700	1300	1900
Clds.				Obscured		
Ppn. Liq.	0.06 in.	Prev. Dir. SW	3 hr. Tend. 0.5 mb	Wx Dense Fog	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JEL	Vis. 3/4 mile	Vis.	Vis. 44°

$$\bar{T} = 41$$

$$T_{roof} = 44$$

$$T_{roof} = 40$$

$$H_{00} = 24$$

$$\sum H_{00} = 336$$

$$\sum P_{CW} = 0.89$$

$$T_{max} = 65.1979$$

$$T_{min} = -1.1958$$

$$T_{avg} = 37/24$$

THUR. DECEMBER 12, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. NW	Temp. 71 °F			
Min.	40 °F	Vel. 10 m.p.h.	Read. 28.61			
Set	42 °F	Char. GUSTY	Corr. 28.50			
R. H.	72 %	24 hr. Mov. 58.8 mi	Sea L. 29.87	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.38 in.	Prev. Dir. SW	3 hr. Tend. M	Wx	Wx	Wx
Ppn. Sol.	~ in.	Snow Depth ~ in.	Observer VES	Vis. 35 MI	Vis.	Vis.

$$T_{RAMS} \rightarrow 46$$

$$T_{D RAMS} \rightarrow 37$$

$$P_{EN} \rightarrow .38$$

$$\Sigma P_{EN} \rightarrow 1.27$$

$$P_{EN (SOL)} \rightarrow 0.00$$

$$\Sigma P_{EN (SOL)} \rightarrow ???$$

$$\bar{T} \rightarrow 47$$

$$H_{DD} \rightarrow 18$$

$$\Sigma H_{DD} \rightarrow 354$$



FRI. DECEMBER 13, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. ESE	Temp. 72			
Mln.	31 °F	Vel. 2 m.p.h.	Read. 28.80			
Set	31 °F	Char. -	Corr. 28.67	0700	1300	1900
R. H.	84 %	24 hr. Mov. 81 mi	Sea L. 30.07	Clds. 10/10 <sup>5+</sup>	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend.	Wx LT. SNOW	Wx	Wx
Ppn.	Sol. T in.	Snow Depth T in.	Observer FJG	Vis. 3 mi	Vis.	Vis.

$$\bar{T} = \frac{45 + 31}{2} = \frac{76}{2} = 38$$

$$M_{DD} = 65 - \bar{T} = 65 - 38 = 27$$

$$\Sigma M_{DD} = 27 + 354 = 381$$

Meteorological Observatory  
University Park, Pa.

Sat. December 14, 1956 0700 EST

Temp.			Wind		Barom.		General Obs.		
Max.	35 °F		Dir.	WNW	Temp.	70	SB 0700 ( ) STEADY IN E 0930 LT DUNE ... R- ... CHANGED TO ... 2L- ... SW ...		
Min.	21 °F		Vel.	5 m.p.h.	Read.	28.64			
Set	21 °F		Char.		Corr.	28.52			
R. H.	65 %		24 hr. Mov.	111 mi	Sea L.	29.95	0700	1300	1900
Ppn.	0.46 in.		Prev. Dir.	W	3 hr. Tend.	+2.0mb	Clds.	Clds.	Clds.
Ppn.	2.0 in.		Snow Depth	T in.	Observer	FJG	Wx	Wx	Wx
							Vis.	Vis.	Vis.
							3 1/2 mi		

$$E_{\text{prob}} = 1.73$$

$$\bar{T} = \frac{35721}{2} = \frac{56}{2} = 28$$

$$H_{DD} = 65 - \bar{T} = 65 - 28 = 37$$

$$\Sigma H_{DD} = 37 + 381 = 418$$

SUN DEC 15, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	23 °F	Dir. SW	Temp. 70	WINDCHILL -7 VERY CRUNCHY SNOWCNER		
Min.	10 °F	Vel. 10 m.p.h.	Read. 28.83			
Set	12 °F	Char. -	Corr. 28.71			
R. H.	63 %	24 hr. Mov. W	Sea L. 30.16	0700 Clds. 3/10	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. 249	3 hr. Tend. -1.5 mb	Wx COLD	Wx	Wx
Ppn. Sol.	T in.	Snow Depth T in.	Observer RMS	Vis. 30 mi.	Vis.	Vis.

$$\Sigma P = 1.73$$

$$\begin{array}{r} 359 \\ 27 \\ 37 \end{array}$$

$$T = 13$$

$$DB = 48$$

$$Td = 0$$

$$\Sigma DD = \underline{466}$$

$$\bar{r} = \frac{2370}{140} = \frac{33}{2} = 17$$

$$KDD = 65 - \bar{r} = 65 - 17 = 48$$

Mon. December 16 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	27 °F	Dir.	SW	Temp.	70			
Min.	13 °F	Vel.	10 m.p.h.	Read.	28.86			
Set	26 °F	Char.	-	Corr.	28.74			
R. H.	67 %	24 hr. Mov.	253mc	Sea L.	30.16	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	-0.2mb	Clds.	Clds.	Clds.
	T in.					10/10		
Ppn.	Sol.	Snow Depth		Observer		Wx	Wx	Wx
	T in.	T in.		FJG		CLOUDY		
						Vis.	Vis.	Vis.
						7mc		

$\bar{Y} = 20$   
 $H_{00} = 45$   
 $\bar{z} = 5.11$   
 $\bar{z} = 1.73$



Tuesday, December 17, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. W	Temp. 71° F	SW - & NL SW 2130 LT ~ 0200 LT 175		
Min.	12 °F	Vel. 8 m.p.h.	Read. 28.86			
Set	14 °F	Char. Gusty	Corr. 28.74			
R. H.	61 %	24 hr. Mov. 247.9	Sea L. 30.20	0700 Clds. 3/10 Ac	1300 Clds.	1900 Clds.
Ppn. Liq.	0.07 in.	Prev. Dir. WSW	3 hr. Tend. F2.0mb	Wx Partly Cloudy	Wx	Wx
Ppn. Sol.	0.8 in.	Snow Depth 1" in.	Observer JEL	Vis. 40 miles	Vis.	Vis.

$$\bar{T} = 24$$

$$MDD = 41$$

$$\Sigma MDD = 552$$

$$\Sigma PEN = 1.74 \quad \Sigma S_{snow} = 5.0''$$

$$T_{roof} = 16$$

$$\bar{T}_{drift} = 2$$

$$T_{snow} = 65 \quad 1984$$

$$T_{snow} = -7 \quad 1919$$

$$T_{AUG} = 35/22$$

WEDNESDAY DEC. 18, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	26 °F	Dir. W	Temp. 70°F	VERY GUSTY		
Min.	10 °F	Vel. 30 m.p.h.	Read. 28.88			
Set	10 °F	Char. G40	Corr. 28.76			
R. H.	61 %	24 hr. Mov. 191.7 MI	Sea L. 30.23	0700 Clds. 1/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .03 in.	Prev. Dir. W	3 hr. Tend. +2.5 MB	Wx —	Wx	Wx
Ppn.	Sol. 1.5 in.	Snow Depth 2.0 in.	Observer AB	Vis. 35 MI	Vis.	Vis.

$$T_{\text{RAMOS}} \rightarrow 13^{\circ}\text{F}$$

$$T_{\text{DRAMDS}} \rightarrow -1^{\circ}\text{F}$$

$$\bar{T} \rightarrow \cancel{17} 18$$

$$H_{\text{DD}} \rightarrow \cancel{599} 47$$

$$\zeta H_{\text{DD}} \rightarrow 599$$

$$P_{\text{CN}} \rightarrow .01$$

$$\zeta P_{\text{CN}} \rightarrow 1.7\cancel{7}$$

THURSDAY, DECEMBER 19 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	13 <sup>+</sup> °F	Dir. W	Temp. 70° F	* RAMOS "08"		
Min.	4 °F	Vel. 13 m.p.h.	Read. 29.16			
Set	4 °F	Char. GUSTY	Corr. 29.04			
R. H.	52 %	24 hr. Mov. 289.4 MI	Sea L. 30.55	0700 Clds. 10/10 st	1300 Clds.	1900 Clds.
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +1.2mb /	Wx cloudy	Wx	Wx
Ppn.	T in.	Snow Depth 1 in.	Observer JEL	Vis. 15 mi	Vis.	Vis. 5°

$$\bar{T} = 9$$

$$H_{00} = 65 - \bar{T} = 65 - 9 = 56$$

$$\sum H_{00} = 655$$

$$\sum P_w = 1.77$$

$$T_{\text{root}} = 5^\circ$$

$$T_{\text{root}} \approx -13?$$

$$T_{\text{max}} = 57 \quad 1978$$

$$T_{\text{min}} = 1 \quad 1968$$

$$T_{\text{AG}} = 35/22$$

Fri. December 20, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	23 °F	Dir.	-	Temp.	OVERNIGHT LOW ~6		
				69			
Min.	4 °F	Vel.	- m.p.h.	Read.			
				29.07			
Set	6 °F	Char.	CALM	Corr.			
				28.95			
R. H.	78 %	24 hr. Mov.	M	Sea L.	0700	1300	1900
				30.45	Clds. 7/10 St Acu	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	Wx	Wx	Wx
				-0.8mb	-		
Ppn.	- in.	Snow Depth	1 in.	Observer	Vis.	Vis.	Vis.
				FJG	15 mi		

$$\bar{T} = 14$$

$$H_{00} = 51$$

$$E = 706$$



SATURDAY, DECEMBER 21, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	23 °F	Dir.	WNW	Temp.	70° F	ONNT LOW ~ 150F S-- BEGAN ~ 3PM DF 20th CONTINUED THROUGH MOST OF NIGHT  FEW FLURRIES		
Min.	6 °F	Vel.	12 m.p.h.	Read.	28.86			
Set	15 °F	Char.	GUSTY	Corr.	28.74			
R. H.	72 %	24 hr. Mov.	86 ME	Sea L.	30.20	0700	1300	1900
Ppn.	0.02 in.	Prev. Dir.	W	3 hr. Tend.	+ 1.0 mb ✓	Clds.	Clds.	Clds.
Ppn.	0.4" in.	Sol.	1 in.	Snow Depth	JEL	Wx	Wx	Wx
				Observer	JEL	Wx	Wx	Wx
				Observer	JEL	Vis.	Vis.	Vis.
						15 miles		16°

$$\bar{T} = 15$$

$$T_{\text{roof}} = 16$$

$$T_{\text{draft}} = 7$$

$$M_{\text{DD}} = 50$$

$$\Sigma M_{\text{DD}} = 750$$

$$\Sigma P_{\text{CW}} = 1.79''$$

$$\Sigma S_{\text{NEW}} = 6.9''$$

$$T_{\text{MAX}} = 621949$$

$$T_{\text{MIN}} = -31944'$$

$$T_{\text{AVG}} = 35121$$

Sunday December 22, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	20 °F	Dir. WSW	Temp. 70°F			
Min.	6 °F	Vel. 10 m.p.h.	Read. 28.91			
Set	10 °F	Char. -	Corr. 28.80			
R. H.	67%	24 hr. Mov. 186 mi.	Sea L. 30.28	0700 Clds. 5/10	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. -3.0mb	Wx -	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 1 in.	Observer RLB	Vis. 15 mi.	Vis.	Vis.

$$\bar{T} = \frac{20+6}{2} = \frac{26}{2} = 13$$

$$MOD = 65 - \bar{T} = 65 - 13 = 52$$

$$\Sigma MOD = \textcircled{52} + 736 = 808$$

$$\Sigma Pen = 1.79$$

$$\Sigma Sman = 6.9$$

MONDAY, DECEMBER 23, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. WSW	Temp. 70°F			
Min.	10 °F	Vel. 8 m.p.h.	Read. 28.42			
Set	25 °F	Char. STEADY	Corr. 28.30			
R. H.	83 %	24 hr. Mov. 1378	Sea L. 29.71	0700 Clds. 10 St	1300 Clds.	1900 Clds.
Ppn. Liq.	0.06 in.	Prev. Dir. SSW	3 hr. Tend. 1.05 in Hg	Wx Cloudy	Wx	Wx
Ppn. Sol.	0.9" in.	Snow Depth 1" in.	Observer JEL	Vis. 5 Miles	Vis.	Vis. 29°

$$\bar{T} = 20$$

$$T_{\text{roof}} = 29$$

$$T_{\text{roof}} = 24$$

$$M_{\text{DW}} = 45$$

$$\sum H_{\text{DW}} = 853$$

$$\sum P_{\text{DW}} = 1.85''$$

$$\sum S_{\text{Snow}} = 7.8''$$

$$T_{\text{max}} = 65 \quad 1933$$

$$T_{\text{min}} = -4 \quad 1960$$

$$T_{\text{avg}} = 34/21$$

TUESDAY, DECEMBER 24, 1995 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. SW	Temp. 72°F			
Min.	25 °F	Vel. 8 m.p.h.	Read. 28.32			
Set	34 °F	Char. Steady	Corr. 28.20			
R. H.	70 %	24 hr. Mov. 153.2 mi	Sea L. 29.57	0700 Clds. 10/10 Sc	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. -1.0 in.	Wx Cloudy	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 1" in.	Observer JEL	Vis. 15 miles	Vis.	Vis. 37°

$$\bar{T} = 32$$

$$T_{\text{root}} = 37$$

$$T_{\text{root}} = 27$$

$$M_{\text{DD}} = 33$$

$$\Sigma H_{\text{low}} = 886$$

$$\Sigma P_{\text{CW}} = 1.85$$

$$\Sigma S_{\text{max}} = 7.8''$$

$$T_{\text{max}} = 63 \ 1933$$

$$T_{\text{min}} = -11 \ 1983$$

$$T_{\text{AX}} = 34/21$$



WEDNESDAY, 25 DEC 1985

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST		General Obs.			
Max.	42 °F	Dir.	WNW	Temp.	70	Sky 4/10 sta. mostly SE			
Min.	13 °F	Vel.	16 m.p.h.	Read.	28.50				
Set	13 °F	Char.	steady	Corr.	28.39				
R. H.	64 %	24 hr. Mov.	176.5 mi	Sea L.	29.85				
Ppn. Liq.	0.04 in.	Prev. Dir.	SW	3 hr. Tend.	+1.0 mb	Clds	0700	1300	1900
Ppn. Sol.	0.2 in.	Snow Depth	T in.	Observer	SSL	Wx	10/10 Ci		
						Wx	Cldy		
						Vis.			15°
						Vis.			

$H_{99} = 57$

$z_{99} = 1.89$

$z_{95} = 1.64$

$z_{90} = 1.28$

THURSDAY, DECEMBER 26, 0700 EST 1985

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	17 °F	Dir.	W ●	Temp.	68°F	V 122		
Min.	-1 °F	Vel.	15 * m.p.h.	Read.	28.90			
Set	-1 °F	Char.	Gusty	Corr.	28.78			
R. H.	82 %	24 hr. Mov.	230.4 mi	Sea L.	30.29	0700	1300	1900
Ppn.	7 in.	Prev. Dir.	W	3 hr. Tend.	41.9 mb	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	T in.	Observer	JEL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						30 mi.		

$$\bar{T} = 8$$

$$\bar{T}_{\text{roof}} = 0$$

$$\bar{T}_{\text{drift}} = -6$$

$$H_{00} = 57$$

$$\sum H_{00} = 980$$

$$2 P_{\text{w}} = 1.89$$

$$\sum_{\text{snow}} = 9.0$$

$$T_{\text{max}} = 56.1971$$

$$T_{\text{min}} = -6.1983$$

$$T_{\text{avg}} = 34.21$$



$$\bar{z} = 7$$

$$HDD = 58$$

$$\Sigma H_{DD} = 1038$$

$$\Sigma PCN = 1.92$$

$$\Sigma S_{SNOW} = 8.8''$$

$$T_{ROOF} = 1'$$

$$T_{DROOF} = 10$$

$$T_{MAX} = 63 \text{ 1971}$$

$$T_{MIN} = -3 \text{ 1950}$$

$$T_{NG} = 34/21$$

Sat. December 28, 1905 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. WNW	Temp. 70	FEW CU HORIZON WIND CHILL AT 7AM = ~ -18°F BRIGHT MOONSHINE BARE SPOTS		
Min.	14 °F	Vel. 27 m.p.h.	Read. 28.77			
Set	14 °F	Char. GUSTS TO 28	Corr. 28.65			
R. H.	60 %	24 hr. Mov. 308 mi	Sea L. 30.11	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	Liq. 0.01 in.	Prev. Dir. SW	3 hr. Tend. +1.2mb	Wx —	Wx	Wx
Ppn.	Sol. 0.1 in.	Snow Depth 1 in.	Observer FJG	Vis. 35 mi	Vis.	Vis.

$$\sum PCN \Rightarrow 1.93$$

$$\sum SNOW \Rightarrow 8.9''$$

1078



Sun. December 29, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 24 °F		Dir. SW	Temp. 70	BINOVC OCNL FLAKES		
Min. 10 °F		Vel. 9 m.p.h.	Read. 28.67			
Set 15 °F		Char. -	Corr. 28.55			
R. H. 72 %	24 hr. Mov. 168 mi	Sea L. 30.00	Clds. 10/10 St AC 45	1300 Clds.	1900 Clds.	
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. -2.1 mb	Wx -	Wx	Wx	
Ppn. Sol. T in.	Snow Depth T in.	Observer FJG	Vis. 20 mi	Vis.	Vis.	

1125

MONDAY DECEMBER 30, 1985 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	W	Temp.	69 °F			
Min.	12 °F	Vel.	15 m.p.h.	Read.	28.89			
Set	12 °F	Char.	-	Corr.	28.78			
R. H.	65 %	24 hr. Mov.	213 mi.	Sea L.	30.25	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+3.0 mb /	Clds.	4/10	Clds.
Ppn.	T in.	Snow Depth	T in.	Observer	RLB	Wx	-	Wx
				Vis.	15 mi.	Wx		Wx
				Vis.		Vis.		Vis.

$\sum P_{CN} \rightarrow$

TUES DEC 31, 1985

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. SW	Temp. 70	ONSET LOW ~ 21		
Min.	12 °F	Vel. 10 m.p.h.	Read. 28.60			
Set	28 °F	Char. -	Corr. 28.48	0700	1300	1900
R. H.	39 %	24 hr. Mov. 142	Sea L. 29.88	Clds. $\frac{4}{10}$ ACU	Clds.	Clds.
Ppn.	- in.	Prev. Dir. SW	3 hr. Tend. M	Wx -	Wx	Wx
Ppn.	- in.	Snow Depth T in.	Observer RMS	Vis. 30 mi	Vis.	Vis.

$$\bar{T} = 22$$

$$T_d = 5$$

$$DD = 43$$

$$\sum DD = 1212$$

$$\sum P = 1.93$$

$$\sum \text{SNOW} = 8.9$$