

THURSDAY, DECEMBER 1, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.* 38° F		Dir. WSW	Temp. 72° F	* RAMOS		
Min. 25° F		Vel. 13 ⁶²⁰ m.p.h.	Read. 28.90			
Set 25° F		Char. WINDY	Corr. 28.77	FEW FLURRIES		
				0700	1300	1900
R. H. 64 %		24 hr. Mov. 321.4 MI	Sea L. 30.20	Clds. 10/10 SK	Clds.	Clds.
Ppn. Liq. T in.		Prev. Dir. WSW	3 hr. Tend. +1.6 mb ✓	Wx CLOUDY	Wx	Wx
Ppn. Sol. T in.		Snow Depth — in.	Observer JEL	Vis. 40 MI	Vis.	Vis. 27°

$T_{roof} = 27$

$T_{drwf} = 15$

$\bar{T} = 32$

$H_{DD} = 33$

$H_{DD} = 33$

$P_{tot} = 0.00$

$T_{MAX} = 57, 1962$

$T_{MIN} = 6, 1930$

NMLS: 4/27/34

FRIDAY, DEC 2, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 30 * °F		Dir. SSW	Temp. 74'	5- BLOWN x 1200 2"		
Min. 22 °F		Vel. 5 m.p.h.	Read. 29.01			
Set 23 °F		Char. STEADY	Corr. 28.88			
R. H. 77 %		24 hr. Mov. 175.7	Sea L. 30.32	0700 Clds. 3/100	1300 Clds. 10/0	1900 Clds.
Ppn. T in.	Liq. in.	Prev. Dir. WSW	3 hr. Tend. -3m57	Wx —	Wx (—)	Wx
Ppn. T in.	Sol. in.	Snow Depth — in.	Observer P.K.	Vis. 30 miles	Vis. 4 miles	Vis. 22

$$TDR = 76.5$$

$$DR = 39$$

$$D.D_{TOT} = 72$$

$$P_{ACTP} = T$$

Sat. Dec. 3, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	33* ^F	Dir. NW	Temp. 76°	SW - BEGAN ~ 1200 LT SNOW OF VARYING INTENSITIES OVERNIGHT ENDING EARLY MORN (3LD)		
Min.	23 ^F	Vel. 2 m.p.h.	Read. 28.92			
Set	30 ^F	Char. -	Corr. 28.78			
R. H.	81 %	24 hr. Mov. 125 mi	Sea L. 30.19	0700 Clds. 10/10 <i>scld</i>	1300 Clds.	1900 Clds.
Ppn. Liq.	0.23 in.	Prev. Dir. S	3 hr. Tend. +2.2mb	Wx -	Wx	Wx
Ppn. Sol.	2.3 in.	Snow Depth 2 in.	Observer FJG	Vis. 20 mi	Vis.	Vis. 3L°

$$DD_{TOT} = \text{答 } 109$$

$$DD = 37$$

SUNDAY, DECEMBER 4, 1983 10 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	38 °F	Dir.	SE	Temp.	2R-B = 0100 LT 4M 2-B = 0600 LT 4M			
				74°F				
Min.	28 °F	Vel.	8 m.p.h.	Read.				28.54
Set	32 °F	Char.	STEADY	Corr.	28.41			
R. H.	87 %	24 hr. Mov.	948	Sea L.	29.80	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	0.38 in.	Prev. Dir.	E	3 hr. Tend.	MSG	Wx	Wx	Wx
						R-RAIN 2P		
Ppn.	— in.	Snow Depth	1 in.	Observer	JEL	Vis.	Vis.	Vis.
						6MI		3P

$P_{\text{tot}} = 0.61$

$T = 33$

$H_{\text{sp}} = 32$

$H_{\text{cor}} = 141$

$T_{\text{tot}} = 34$

$U_{\text{tot}} = 90$

$T_{\text{max}} = 68 \text{ 1982}$

$T_{\text{min}} = 5 \text{ 1966}$

$\text{NMS} = 30/26$

MONDAY, DEC. 5, 1983

Meteorological Observatory
University Park, Pa.

Temp.		Wind		0700 EST		General Obs.		
Max.		Dir.		Barom.				
37	°F	S		75°		5-5 0945 → 1015		
Min.		Vel.		Read.				
32	°F	3	m.p.h.	28.80				
Set		Char.		Corr.				
34	°F	—		28.67				
R. H.		24 hr. Mov.		Sea L.	0700	1300	1900	
92	%	95 mi		30.06	Clds. 6/10 St	Clds.	Clds.	
Ppn. Liq.		Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
.32	in.	SW		+0.2mb	cloudy			
Ppn. Sol.		Snow Depth		Observer	Vis.	Vis.	Vis.	
.5	in.	T	in.	SSW	7 mi		38°	

$$T = 35$$

$$DD = 30/171$$

$$T_{mat.} = 65/1982$$

$$T_{mir.} = -1/1901$$

$$\text{norm } 39/26$$

$$P_{T_0 T_{me}} = 0.93''$$

TUESDAY, DECEMBER 6, 1983

Meteorological Observatory
University Park, Pa.

Temp.		Wind	0700 EST		General Obs.		
Max.	43* _F	Dir.	SSW	Temp.	*MAX OFF RAMOS		
				74°			
Min.	34 _F	Vel.	10 m.p.h.	Read.	PRESFR		
				28.58"			
Set	41 _F	Char.	STEADY	Corr.			
				28.45"			
R. H.	92%	24 hr. Mov.	82.9 MILES	Sea L.	0700	1300	1900
				29.81"	Clds. St	Clds.	Clds.
					10/10		
Ppn. Lq.	0.02 in.	Prev. Dir.	SSW	3 hr. Tend.	Wx	Wx	Wx
				-0.17"	LIGHT RAIN		
					FOG		
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				EAK	3 MILES		43°

$$\bar{T} = 39^{\circ}$$

$$DD = 26$$

$$DD_t = 197$$

$$PREC_T = 0.95''$$

RAMOS:

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

$$T_d = 40^{\circ}$$

WED. 7 December 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.	winds gusting to 45 mph - snow flurries by - SW Ridge		
* 46 °F		W	71°			
Min.		Vel.	Read.	- PRESRR * RAMOS		
26 °F		25 m.p.h.	28.41"			
Set		Char.	Corr.	0700 1300 1900		
26 °F		GUSTY	28.29"			
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
71 %		343.8 miles	29.69"	10 16 STCU		
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
.61 in.		SW	4.0 mb	Cloudy		
Ppn. Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
T in.		- in.	KAD	10 miles		28°

$$\bar{T} = 36^\circ$$

$$T_d = 17.8^\circ$$

$$HDD = 28$$

$$DD_T = 225$$

$$Prec_T = 1.56''$$

THURSDAY, DECEMBER 8, 1923

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	30 °F	Dir.	SE	Temp.	72 °F	* RAMOS FLURRIES 7 th - JUST A DUSTING (?) THIN CL - BRACK E, SE. LOWER CLOUDS WEST SW.		
Min.	21 °F	Vel.	3 m.p.h.	Read.	28.85			
Set	21 °F	Char.	WINDY	Corr.	28.72			
R. H.	75 %	24 hr. Mov.	334.9	Sea L.	30.16	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir.	W	3 hr. Tend.	+1.0 mb	Clds. 10/10 C. AS	Clds.	Clds.
Ppn. Sol.	T in.	Snow Depth	- in.	Observer	JEL	Wx CLADY	Wx	Wx
						Vis. 35 MILES	Vis.	Vis. 25°

$$T_{max} = 25$$

$$T_{min} = 15$$

$$\bar{T} = 26$$

$$H_{obs} = 39$$

$$H_{obs} = 264$$

$$P_{21} = 1.56$$

$$T_{max} = 64 \quad 1946$$

$$T_{min} = 1 \quad 1967$$

$$NMB = 38/25$$

FRIDAY, DEC. 9, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. SSW	Temp. 72	NUMEROUS @/NONE		
Min.	28 °F	Vel. 6 m.p.h.	Read. 29.08			
Set	28 °F	Char. STEADY	Corr. 28.95			
R. H.	75 %	24 hr. Mov. 115	Sea L. 30.38	0700	1300	1900
Ppn.	T in.	Prev. Dir. SSW	3 hr. Tend. 0nb -	Clds. 6/10 Acc	Clds.	Clds.
Ppn.	T in.	Snow Depth T in.	Observer P.K.	Wx	Wx	Wx
				Vis. 20m/15	Vis.	Vis. 29

$$T_{DD} = 20.5$$

$$DD = 34$$

$$DD_{TOT} = 298$$

$$PRECIP = 1.56'$$

SATURDAY, DECEMBER 10, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. WSW	Temp. 74°			
Min.	27 °F	Vel. 4 m.p.h.	Read. 29.10"			
Set	33 °F	Char. —	Corr. 28.98"			
R. H.	99 %	24 hr. Mov. 112.7 MILES	Sea L. 30.40 "	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0.08 in.	Prev. Dir. WSW	3 hr. Tend. +2.0mb /	Wx CLOUDY FOG	Wx	Wx
Ppn. Sol.	0.5 in.	Snow Depth — in.	Observer EAK	Vis. 2 MILES	Vis.	Vis. 35°

$$\bar{T} = 32$$

$$DD = 33$$

$$DD_{TOT} = 331$$

$$PREC_{TOT} = 1.64''$$

RAMOS:

$$T = 34$$

$$T_d = 33.7$$

$$T_{MAX} = 37$$

$$T_{MIN} = 29$$

SUNDAY, DECEMBER 11, 1963

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	39 °F	Dir.	NE	Temp.	72°F			
Min.	30 °F	Vel.	6 m.p.h.	Read.	29.31			
Set	30 °F	Char.	STEADY	Corr.	29.18	* MAX THE BAROMETER WOULD ONLY REGISTER TO 35°F		
R. H.	77 %	24 hr. Mov.	98.2	Sea L.	30.61	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir.	W	3 hr. Tend.	10.7mb	Clds.	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	JEL	10/10 St	Wx	Wx
						CLDY	Wx	Wx
						Vis.	Vis.	Vis.
						25 MI		33°

$T_{max} = 33$

$T_{min} = 25$

$\bar{T} = 35$

$R_{avg} = 1.64$

$N_{00} = 30$

$N_{100} = 36$

$T_{max} = 65 \quad 1979$

$T_{min} = 1 \quad 1988$

AGT: 37/23

Monday, December 12, 1983 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	37 °F	Dir.	E	Temp.	73°			
Min.	30 °F	Vel.	16 m.p.h.	Read.	28.85"			
Set	37 °F	Char.	-	Corr.	28.72"			
R. H.	88 %	24 hr. Mov.	164 mi	Sea L.	30.31"	0700	1300	1900
Ppn.	0.01 in.	Prev. Dir.	NE	3 hr. Tend.	-1.4 mb	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	SSW	Wx	Wx	Wx
				Vis.	4 mi	Vis.	Vis.	Vis.

Clds. 10/10 STCU

Wx Lt. Rain

$$\bar{T} = 35$$

$$DO = 30/301$$

$$P_{\text{pno}} = 1.65$$

T max 63 '27
min 0 '62

mean 37/27

TUESDAY, DEC 13, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. NE	Temp. 73	* NOT A RECORD FOR THE DATE Precip. max = 1.47" - 1909			
Min. 37 °F	Vel. 10 m.p.h.	Read. 28.65				
Set 40 °F	Char. STEADY	Corr. 28.52				
R. H. 98 %	24 hr. Mov. 63.3	Sea L. 27.89	0700 Clds. 10/10 Fract cu	1300 Clds.	1900 Clds.	
Ppn. Liq. 1.26 in.	Prev. Dir. NE	3 hr. Tend. -.56 \	Wx R-F	Wx	Wx	
Ppn. Sol. - in.	Snow Depth - in.	Observer P.K.	Vis. 2 miles	Vis.	Vis. 41	

$$T_{dp} = 40.3^{\circ}\text{F}$$

$$\bar{T} = 40$$

$$D_0 = 25$$

$$\frac{D_0}{T_{dp}} = 416$$

$$\text{PRECIPITATION} = 2.91''$$

WEDNESDAY 14, December 1982
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	44 °F	Dir.	NW	Temp.	72°			
Min.	35 °F	Vel.	10 m.p.h.	Read.	28.30			
Set	36 °F	Char.	Steady	Corr.	28.18	0700	1300	1900
R. H.	92 %	24 hr. Mov.	87 miles	Sea L.	29.55	Clds.	6/10	5/10
Ppn.	0.89 in.	Prev. Dir.	NW	3 hr. Tend.	0-	Wx	CLoudy	
Ppn.	— in.	Sol.	— in.	Snow Depth	— in.	Observer	KAD	Vis.
						Vis.	10 miks	38°

$$DD = 25$$

$$DD_T = 441$$

$$Precip_T = 3.80''$$

$$\bar{T} = 40$$

$$T_d = 35$$

Thu. Dec. 15, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. W	Temp. 74			
Min.	36 °F	Vel. 10 m.p.h.	Read. 28.58			
Set	40 °F	Char. -	Corr. 28.45			
R. H.	67 %	24 hr. Mov. 107	Sea L. 29.82	0700 Clds. 7/10 ^{5/6}	1300 Clds.	1900 Clds.
Ppn. Liq.	0.01 in.	Prev. Dir. SW	3 hr. Tend. +1.6461	Wx -	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer FJG	Vis. 20 mi	Vis.	Vis. 43°

D.D. 23

DD TOTAL 464

FRIDAY, DECEMBER 16, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. WSW	Temp. 73°	PRWND 260/19 AT 0850Z ON RAMOS		
Min.	31 °F	Vel. 8 m.p.h.	Read. 28.78"			
Set	31 °F	Char. STEADY	Corr. 28.65"			
R. H.	84 %	24 hr. Mov. 164.7 MILES	Sea L. 30.05"	0700 Clds. SC 10/10	1300 Clds.	1900 Clds.
Ppn.	T in.	Prev. Dir. WSW	3 hr. Tend. +4.8mb/	Wx CLOUDY HAZE	Wx	Wx
Ppn.	T in.	Snow Depth — in.	Observer EAK	Vis. 5 MILES	Vis.	Vis. 32°

$$\bar{T} = 39$$

$$DP = 26$$

$$DD_{\text{Tot}} = 490$$

$$\text{PRECIP}_{\text{Tot}} = 3.81''$$

RAMOS:

$$T = 31^\circ$$

$$T_d = 26^\circ$$

SATURDAY DECEMBER 17, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	WSW	Temp.	72°F	FEW FLURRIES SWU SW		
Min.	20 °F	Vel.	7 m.p.h.	Read.	29.21			
Set	20 °F	Char.	GUSTY	Corr.	29.08			
R. H.	78 %	24 hr. Mov.	231 MI	Sea L.	30.54	0700	1300	1900
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	+1.0 mb	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	JEL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						40 MI		22°

$$T_{acc} = 22$$

$$T_{min} = 14$$

$$\bar{T} = 29$$

$$H_{sp} = 36$$

$$H_{tot} = 526$$

$$R = 3.81$$

$$T_{max} = 54 \ 1939$$

$$T_{min} = -7 \ 1919$$

$$AVG. \ 3.5hr$$

SUNDAY, DECEMBER 18, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	28 °F	Dir. W	Temp. 72°			
Min.	18 °F	Vel. 5 m.p.h.	Read. 29.28			
Set	19 °F	Char. BREEZY	Corr. 29.15			
R. H.	78 %	24 hr. Mov. 158.2 MI	Sea L. 30.62	HIGHER? CLOUDS VISIBLE		
Ppn.	Liq. T in.	Prev. Dir. WSW	3 hr. Tend. +0.4mb	0700 Clds. 9/10 sc	1300 Clds.	1900 Clds.
Ppn.	Sol. T in.	Snow Depth — in.	Observer JEL	Wx MOSTLY CDT	Wx	Wx
				Vis. 25 MI	Vis.	Vis. 20°

$$T_{\text{root}} = 20$$

$$T_{\text{el root}} = 14$$

$$\bar{T} = 23$$

$$M_{\text{DO}} = 42$$

$$M_{\text{DPI}} = 500$$

$$P_{\text{TOT}} = 3.81$$

$$T_{\text{MAX}} = 53/1924$$

$$T_{\text{MIN}} = -3/1906$$

$$\text{AVG} = 35/22$$

MONDAY, DECEMBER 19, 1993 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	30 °F	Dir. NNW	Temp. 72.0°F			
Min.	17 °F	Vel. 8 G 16 in.p.h.	Read. 29.16			
Set	17 °F	Char. STEADY	Corr. 29.03			
R. H.	74 %	24 hr. Mov. 125.9	Sea L. 30.50	FEW FLURRIES		
Ppn.	Liq. T in.	Prev. Dir. WSW	3 hr. Tend. +1.5mb	0700 Clds. 10/10 St	1300 Clds.	1900 Clds.
Ppn.	Sol. T in.	Snow Depth — in.	Observer JEL	Wx CLOUDY	Wx	Wx
				Vis. 30 ml	Vis.	Vis. 20°

Troof = 70

Idroof = 0

T = 24

H₀₀ = 41

H₀₀₁ = ████ 609

P₀₀₁ = 3.81

T_{max} = 57 1970

T_{min} = 1 1963

Ave = 35/22

TUESDAY, DECEMBER 20, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	21 °F	Dir.	NE	Temp.	72°	A FEW NICE BILLOWS AND WAVE CLOUDS		
Min.	7 °F	Vel.	6 m.p.h.	Read.	29.30"			
Set	7 °F	Char.	—	Corr.	29.17"			
R. H.	72 %	24 hr. Mov.	117.2 MILES	Sea L.	30.68"	0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	NE	3 hr. Tend.	+1.8mb/	Clds. AC 1/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	EAK	Wx MOSTLY CLEAR	Wx	Wx
						Vis. 25+ MILES	Vis.	Vis. 9°

$$\bar{T} = 14$$

$$DD = 51$$

$$DD_{\text{TOT}} = 660$$

$$\text{PRECIP}_{\text{TOT}} = 3.81''$$

RAMOS:

$$T = 9^{\circ}$$

$$T_d = 0^{\circ}$$

Wed. 21, Dec. 1983

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	21 °F	Dir.	NE	Temp.	72			
Min.	4 °F	Vel.	2 m.p.h.	Read.	29.39			
Set	4 °F	Char.	-	Corr.	29.27			
R. H.	82 %	24 hr. Mov.	67.9 mi	Sea L.	20.20	0700	1300	1900
Ppn.	- in.	Prev. Dir.	NE	3 hr. Tend.	0	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	MAD	Wx	Wx	Wx
				Vis.	25 mi	Vis.	Vis.	6°

Clds. 4/10 A°
Partly cloudy

$\bar{r} = 13$
 $T_d = 0$
 $DD = 50$
 $DDT = 710$
 $PT = 3.81''$

$$T_d = 31^\circ$$

$$\bar{T} = 18$$

$$DD = 47$$

$$\Sigma DD = 757$$

$$\Sigma prec = 4.85$$

FRIDAY, DEC. 23, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir.	W	Temp.	72	
Min.	7 °F	Vel.	12 m.p.h.	Read.	28.99	
Set	7 °F	Char.	STEADY	Corr.	28.86	
R. H.	72 %	24 hr. Mov.	228.2	Sea L.	30.35	
Ppn.	.07 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.2mb/	
Ppn.	T in.	Snow Depth	1 in.	Observer	P.K.	
				0700	1300	1900
				Clds.	Clds.	Clds.
				2/10 G		
				Wx	Wx	Wx
				—		
				Vis.	Vis.	Vis.
				3 Sm/hs		7

$$TDR = -2'F$$

$$D \cdot D = 42$$

$$D \cdot D_{TW} = 99$$

$$P_{avg} = 4.62$$

$$T_2 = -1$$

$$DD = 49$$

$$\Sigma DD = 849$$

$$\Sigma \text{prep} = 4.74$$

$$34.21$$

$$63\ 143\ 7$$

$$-4\ 1980$$

Sunday Dec. 25 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	6 * °F	Dir. W	Temp. 70	Record Low Max (old: 22) Record Low Min (old: -4/1980) Clouds over Tussey		
Min.	-11 ** °F	Vel. 14 m.p.h.	Read. 28.62			
Set	-11 °F	Char. some gusts	Corr. 28.51			
R. H.	72 %	24 hr. Mov. 43 mi	Sea L. 30.04	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.5 /	Wx -	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 2 in.	Observer SSA	Vis. 20 mi	Vis.	Vis. -9

$$T_k = -20$$

$$DD = 67$$

$$\Sigma DD = 916$$

$$\Sigma p_{\text{unit}} = 4024.74$$

Monday Dec. 26 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	0 °F	Dir. W	Temp. 72	record low max and min (old: 12, -5, 1984) overnight low -6		
Min.	-11 °F	Vel. 12 m.p.h.	Read. 28.86			
Set	-6 °F	Char. steady	Corr. 28.74			
R. H.	79 %	24 hr. Mov. 290 mi	Sea L. 30.27	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. WSW	3 hr. Tend. +1.4/	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth 2 in.	Observer SSL	Vis. 35 miles	Vis.	Vis. - 4

$$T_d = -11$$

$$\sum p_{recip} = 4.74$$

$$DD = 70$$

$$\sum DD = 986$$

TUESDAY, DEC. 27, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	17 °F	Dir.	SW	Temp.	73	0000 HITE LOW : 4' ~ 2130 EST New record 1/10 min (old - 0/1/14)		
Min.	-6 °F	Vel.	12 m.p.h.	Read.	28.94			
Set	14 °F	Char.	STEADY	Corr.	28.81			
R. H.	60 %	24 hr. Mov.	192.6	Sea L.	30.27	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+ .5mb/	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	2 in.	Observer	P.K	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						35 miles		15

$$D.D = 60$$

$$D.D. \pi = 1046$$

$$P_{\text{ump}} = 4.74'$$

$$T_L = 16$$

$$\bar{T} = 19$$

$$DD = 46$$

$$\Sigma DD = 1092$$

$$\Sigma precip = 4.95$$

Thur. Dec 29, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. W	Temp. 72°	2R-1P- MORNING 2RTH HEAVIER STEADIER 2R DURING THE AFTERNOON LEAVING GLAZE ~1/4" ON TREES		
Min.	22 °F	Vel. 21 m.p.h.	Read. 28.76	2RE ~1700 LT RPN VRY LST		
Set	23 °F	Char. GUSTS TO 28	Corr. 28.63	0700	1300	1900
R. H.	79 %	24 hr. Mov. 190 mi	Sea L. 30.06	Clds. 10/10	Clds.	Clds.
Ppn. Liq.	0.56 in.	Prev. Dir. W	3 hr. Tend. H.4 Wbr	Wx X V	Wx	Wx
Ppn. Sol.	0.3 in.	Snow Depth 2 in.	Observer FJG	Vis. 4 mi	Vis.	Vis. 25°

D.D. = 34

D.DTOT = 1126

FRIDAY DEC 30 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	23 °F	Dir.	NW	Temp.	72	APTN HI ~21 CLOUDS OVR GATESBURG RIDGE		
Min.	4 °F	Vel.	4 m.p.h.	Read.	29.17			
Set	4 °F	Char.	-	Corr.	29.05			
R. H.	75 %	24 hr. Mov.	204 mi	Sea L.	30.56	0700	1300	1900
Ppn.	4 in.	Prev. Dir.	W	3 hr. Tend.	+3.7 mb	Clds.	Clds.	Clds.
						0/10		
						Wx	Wx	Wx
						-		
Ppn.	T in.	Snow Depth	2 in.	Observer	SSL	Vis.	Vis.	Vis.
						35 mi.		6°

$$T_c = -2$$

$$\bar{T} = 14$$

$$D_D = 51$$

$$E_{DD} = 1183$$

$$E_{pccip} = 5.31$$

SATURDAY, DECEMBER 31, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	15 °F	Dir. SSW	Temp. 72°F	UNLIMITED VISIBILITY		
Min.	2 °F	Vel. 3 m.p.h.	Read. 29.42			
Set	2 °F	Char. STEADY	Corr. 29.29			
R. H.	81 %	24 hr. Mov. 107.7	Sea L. 30.83	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +0.5mb	Clds. %	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth 2 in.	Observer JEL	Wx CLEAR	Wx	Wx
				Vis.	Vis.	Vis. 4°

$T_{\text{root}} = -1$

$T_{\text{leaf}} = 4$

$\bar{T} = 9$

$M_{\text{op}} = 56$

$M_{\text{hor}} = 1239$

$P_{\text{Tot}} = 5.31$

$T_{\text{max}} = 641966$

$T_{\text{min}} = -51918$

$\text{Avg. T} = 34/20/27$