

$$\bar{T} = 30$$

$$T_{RMS} = 20/13$$

$$H_{90} = 35$$

$$T_{90} = 24/17$$

$$\Sigma H_{90} = 35$$

$$\Sigma PCV_2 = \emptyset$$

$$\Sigma PCV_5 = \emptyset$$

Thursday December 2, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.				
Max.	37 °F	Dir.	SW	Temp.	70 °F	* overnight min = 28				
Min.	23* °F	Vel.	5 m.p.h.	Read.	29.30 in.					
Set	31 °F	Char.	Light	Corr.	29.18 in.					
R.H.	72 %	24 hr. Mov.	- mi.	Sea L.	30.60 in.	Clds.	7/10 St	0700	1200	1900
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	-0.7 L mb	Wx	Fog in Valley E	10/10 V	9/10 Sc	
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	Wx	BNOVC			
						Vis.	5 v. 10 mi. Lower SW	20 mi.	5 mi.	

$$\bar{T} = 30$$

$$HDD = 35$$

$$\sum HDD = 70$$

$$\sum PCN_L = 0$$

$$S = 0$$

$$T_{trans} = 30/21$$

$$T_{uvr} = 29/25$$

Friday December 3, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	43 °F	Dir. SW	Temp. 70 °F	RW - 2200 - 0000 LT 0130 - 0215 LT		
Min.	31 °F	Vel. 4 m.p.h.	Read. 29.07 in.			
Set *	35 °F	Char. light	Corr. 28.95 in.	* overnight low = 35		
R.H.	90 %	24 hr. Mov. - mi.	Sea L. 30.36 in.	Clds. 8/10 St	Clds. 7/10 Sc	Clds. 10/10 Ci
Ppn.	.03 in.	Prev. Dir. -	3 hr. Tend. +1.3 mb	Wx Foggy	Wx Sc out Ci In	Wx Pleasant
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 3v.5 mi.	Vis. 20 mi.	Vis. 10 mi.

$$\begin{aligned}\bar{T} &= 37 \\ HDD &= 28 \\ \Sigma HDD &= 98 \\ \Sigma PCN_L &= .03'' \\ \Sigma PCN_S &= 0''\end{aligned}$$

$$T = 35 \quad T_w = 34 \quad T_0 = 32.5$$

$$T_{ramos} = 35/29$$

$$T_{UNV} = 35/32$$



Saturday December 4, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. SE	Temp. 72 °F	R- 0410-0700 LT		
Min.	35 °F	Vel. 10 m.p.h.	Read. 28.83 in.			
Set	43 °F	Char. 6 v. 14	Corr. 28.70 in.	*overnight low ~ 38		
				0700	1300	1900
R.H.	89 %	24 hr. Mov. - mi.	Sea L. 30.07 in.	Clds. 10/10 Ns	Clds.	Clds. 10/10 Ns
Ppn.	.03 in.	Prev. Dir. -	3 hr. Tend. -2.01 mb	Wx R- (Foggy)	Wx	Wx R-F
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 3 v. 5 mi.	Vis. mi.	Vis. 1 1/2 v. 2 mi.

$$\bar{T} = 43$$

$$HDD = 22$$

$$\Sigma HDD = 120$$

$$\Sigma PCN_i = .06''$$

$$\Sigma PCN_s = 0$$

$$T = 42 \quad T_w = 40 \quad T_o = 37.5$$

$$T_{ramos} = 42/34$$

$$T_{unv} = 39/36$$

$$\bar{T} = 44$$

$$HDD = 21$$

$$\Sigma HDD = 141$$

$$\Sigma PCN_L = .88''$$

$$\Sigma PCN_S = 0$$

$$T = 44 \quad T_w = 43 \quad T_o = 42$$

$$T_{trans} = 44/37$$

$$T_{UNV} = 45/42$$

MONDAY December 6, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	46 °F	Dir.	E	Temp.	70 °F	R- 0700 - 0745 LT			
Min.	28 °F	Vel.	4 m.p.h.	Read.	28.64 in.	L- 0745 - 0800 LT			
Set	30 °F	Char.	Light	Corr.	28.52 in.	0700	1800	1900	
R.H.	82 %	24 hr. Mov.	— mi.	Sea L.	29.92 in.	Clds.	5/10 St	Clds.	10/10 St
Ppn.	.02 in.	Prev. Dir.	—	3 hr. Tend.	-0.27 mb	Wx Valley	Fog NE-S	Wx	Cloudy, Calm
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	10 mi.
								Vis.	10 mi.
								Vis.	3 mi.

(PLPN VRY LST)

$$\bar{T} = 37$$

$$HDD = 28$$

$$\Sigma HDD = 169$$

$$\Sigma PCN_L = 0.90''$$

$$\Sigma PCN_S = 0$$

$$T_{RAMOS} = 30/22$$

$$T_{UNV} = 31/27$$

Tuesday, December 7, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. W	Temp. 73 °F	RW-- 1400LT OCNL RW- 1530-0200LT (PCPN MSTLY VRY LGT)		
Min.	* 30 °F	Vel. 10 m.p.h.	Read. 28.95 in.	* overnight low = 38		
Set	38 °F	Char. Gusts 15	Corr. 28.82 in.	0700	1200	1900
R.H.	67 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	Clds. 10/10 Sc	Clds. 10/10 Sc	Clds. 10/10
Ppn.	Liq. .03 in.	Prev. Dir. -	3 hr. Tend. +2.7/ mb	Wx BKNVC	Wx Slight Breeze cool	Wx Cool Moist
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. 20 mi.	Vis. 10 mi.

$$\bar{T} = 35$$

$$HDD = 30$$

$$\Sigma HDD = 199$$

$$\Sigma PCN_L = .93''$$

$$\Sigma PCN_S = 0$$

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

$$T_{UNV} = 38/30$$

Wednesday, December 8, 1971 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	41 °F	Dir.	—	Temp.			
				69 °F			
Min.	28 °F	Vel.	0 m.p.h.	Read.			
				28.95 in.			
Set	29 °F	Char.	Calm	Corr.			
				28.83 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov.	NA mi.	Sea L.	Clds. Mostly 3/10 East	Clds. 10/10 AC	Clds. 8/10 Sc
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	Wx Clearing out	Wx Tranquil	Wx Quiet 35°
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				JGG	15 mi.	20 mi.	15 mi.

$\bar{T} = 35$

$T_{RAMOS} = 29/011$

$H_{100} = 30$

$T_{unv} = 29/05$

$\Sigma H_{100} = 229$

$\Sigma PCN_1 = 0.93''$

$\Sigma PCN_5 = \emptyset$

Thursday December 9, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. —	Temp. 68 °F	Dense Fog NE-SW, <small>LOW</small> obscuring 1/2 of mt. With any		
Min.	25 °F	Vel. 0 m.p.h.	Read. 28.97 in.			
Set	25 °F	Char. CALM	Corr. 28.85 in.			
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 4/10 Sc	Clds. 10/10 -ci	Clds. 0/10
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. +0.2 ✓ mb	Wx 1/4 moon visible S	Wx 22° HALO!	Wx Tranquil
Ppn.	0 in.	Snow Depth 0 in.	Observer DLD	Vis. 6 mi.	Vis. 15-20 mi.	Vis. 5 mi.

$$\bar{T} = 34$$

$$T_{RAMOS} = 25/19$$

$$HDD = 31$$

$$T_{UNV} = 25/21$$

$$\Sigma HDD = 260$$

$$\Sigma PCN_L = 0.93''$$

$$\Sigma PCN_S = 0$$

Friday December 10, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. SSW	Temp. 71 °F	R- 0500 - obs (LT) **			
Min. 25* °F	Vel. 10 m.p.h.	Read. 28.62 in.				
Set 39 °F	Char. steady	Corr. 28.50 in.	overnight low = 39			
			0700	11 2800	1900	
R.H. 82 %	24 hr. Mov. - mi.	Sea L. 29.87 in.	Clds. 10/10 Ns	Clds. 10/10 Ns	Clds. 10/10 Ns	
Ppn. .15 in.	Liq. ** in.	Prev. Dir. -	3 hr. Tend. -2.57 mb	Wx R-F	Wx R	Wx L-
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer HDS	Vis. 4v.6 mi.	Vis. 3v.5 mi.	Vis. 3v.5 mi.

$$\bar{T} = 35$$

$$HDD = 30$$

$$\Sigma HDD = 290$$

$$\Sigma PCN_L = 1.08''$$

$$\Sigma PCN_S = 0$$

$$T_{trans} = 38/29$$

$$T_{UNV} = 38/34$$

** Note: Observations taken at 900 LT, not the usual 700 LT

Saturday, December 11, 1993
 0700 EST

Meteorological Observatory
 University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 45 °F	Dir. NW	Temp. 69 °F			RW - 0700 16 (obs) - 1300 Ht		
Min. 30 °F	Vel. 13 m.p.h.	Read. 28.49 in.			Ocni L - 1300 ~ 2200 Ht Brief RW - ~ 2200 Ht		
Set 30 °F	Char. Gusty	Corr. 28.37 in.			0700	1300	1900
R.H. 53 %	24 hr. M6v. NA mi.	Sea L. 29.76 in.		Clds. 1/10 St	Clds.		Clds. 3/10 Cu
Ppn. Liq. 0.54 in.	Prev. Dir. NA	3 hr. Tend. +1.8 / mb		Wx becoming Cold Fast	Wx		Wx Breezy + cold
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer JGG		Vis. 20 mi.	Vis.		Vis. 6 mi.

F: 38

TRANS: 27/11

HDD: 27

Tunn: 30/20

ΣHDD: 317

ΣPCN₄: 1.0"

ΣPCN₅: ∅

Sunday, December 12, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. *	30 °F	Dir. NW	Temp. 68 °F	OCNL SW -- 0900-1300LT * MAX TEMP = PREVIOUS DAY SET * TEMP FELL MOST OF THE DAY		
Min.	16 °F	Vel. 10 m.p.h.	Read. 28.79 in.			
Set	16 °F	Char. steady	Corr. 28.67 in.			
R.H.	58 %	24 hr. Mov. - mi.	Sea L. 30.12 in.	Clds. 1/10 cu	Clds.	Clds. CLEAR
Ppn. Liq.	T in.	Prev. Dir. -	3 hr. Tend. +2.75/mb	Wx Blustry	Wx	Wx Cold
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$$\bar{T} = 23$$

$$HDD = 42$$

$$\Sigma HDD = 359$$

$$\Sigma PCN_L = 1.62''$$

$$\Sigma PCN_S = T$$

$$T_{RAMOS} = 15/1$$

$$T_{UNV} = 16/5$$

Monday, December 13, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.								
Max.	33 °F	Dir.	—	Temp.	* overnight min = 22 Tussey ski area is making snow!								
Min.	16 * °F	Vel.	0 m.p.h.	Read.				28.96 in.					
Set	24 °F	Char.	CALM	Corr.				28.84 in.					
R.H.	66 %	24 hr. Mov.	— mi.	Sea L.	30.27 in.	Clds.	0/10	1300	Clds.	0/10	1900	Clds.	0/10
Ppn.	0 in.	Liq.	—	Prev. Dir.	—	3 hr. Tend.	0.0 v mb	Wx	Lite Valley Fog East	Wx	cold + calm		
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	30 mi.	Vis.	mi.	Vis.	6 mi.

$$\bar{T} = 25$$

$$T_{Ramos} = 24/13$$

$$HDD = 40$$

$$T_{UVV} = 25/16$$

$$\Sigma HDD = 399$$

$$\Sigma PCN_L = 1.62''$$

$$\Sigma PCN_S = T$$

Tuesday December 14, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 43 °F	Dir. NE			Temp. 68 °F	- Lite Valley Fog East		
Min. 24 °F	Vel. 4 m.p.h.			Read. 28.77 in.			
Set 24 °F	Char. light			Corr. 28.65 in.			
					0700	1300	1900
R.H. 55 %	24 hr. Mov. - mi.	Sea L. 30.08 in.		Clds. - 8/10 ci CS	Clds.	Clds. 9/10	
Ppn. Liq. 0 in.	Prev. Dir. -	3 hr. Tend. -1.25 mb		Wx Calm	Wx	Wx MSRY CLDY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HDS		Vis. 20 mi.	Vis. mi.	Vis. 15 mi.	

$$\bar{T} = 34$$

$$HDD = 31$$

$$\Sigma HDD = 430$$

$$\Sigma PCN_L = 1.62''$$

$$\Sigma PCN_S = T$$

$$T_{ramos} = 27/12$$

$$T_{UNV} = 26/14$$

Wednesday, December 15, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	43 °F	Dir.	NE	Temp.			
				69 °F			
Min.	24 °F	Vel.	8 m.p.h.	Read.			
				28.51 in.			
Set	36 °F	Char. Speed	Variable	Corr.	Amb Min: 32 @ 2300 H		
				28.39 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov.	NA mi.	Sea L.	Clds. 1/10 St	Clds.	Clds. 10/10 St
				29.77 in.			
Ppn.	.01 in.	Prev. Dir.	NA	3 hr. Tend.	Wx 021 L-	Wx	Wx RAW NE wind
				-0.2L mb			
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis. 1.2 mi.	Vis.	Vis. 10 mi.
				SGG			

$$\bar{T} = 34$$

$$HDD = 31$$

$$\Sigma HDD = 461$$

$$\Sigma PCN_1 = 1.63''$$

$$\Sigma PCN_5 = T$$

$$T = 36$$

$$T_w = 34$$

$$T_b = 31$$

$$T_{UN} = 36/31$$

$$T_{RAMS} = 35/27$$

Thursday, December 16, 1933 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	43 °F	Dir.	N	Temp.	70 °F	L- 0430 - 0615 LT The gloom of finals week has affected the weather this AM! * Overnight min = 37		
Min.	36 * °F	Vel.	9 m.p.h.	Read.	28.70 in.			
Set	37 °F	Char.	Gusts 17	Corr.	28.58 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov.	— mi.	Sea L.	29.97 in.	Clds.	Clds.	Clds.
Ppn.	.01 in.	Prev. Dir.	—	3 hr. Tend.	+1.8 / mb	Wx Rdgs Obscd	Wx	Wx Clear + calm
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	Vis.	Vis.
						7 mi.	mi.	7 mi.

$$\bar{T} = 40$$

$$T = 37$$

$$HDD = 25$$

$$T_w = 35$$

$$\Sigma HDD = 486$$

$$T_o = 32$$

$$\Sigma PCN_L = 1.64''$$

$$T_{UNV} = 37/32$$

$$\Sigma PCN_S = T$$

$$T_{RAMOS} = 37/28$$

Friday, December 17, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	-	Temp.	68 °F	- Lite fog in valley E & along ridge. - Hard Frost on golf course & most objects. - One narrow streak of Cirrocumulus overhead at obs.		
Min.	19 °F	Vel.	0 m.p.h.	Read.	29.08 in.			
Set	20 °F	Char.	calm	Corr.	28.96 in.			
R.H.	81 %	24 hr. Mov.	- mi.	Sea L.	30.42 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	+1.0 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Wx	Wx	Wx
						20 mi.		10 mi.

$\bar{T} = 30$
 $HDD = 35$
 $\Sigma HDD = 521$
 $\Sigma PCN_1 = 1.64''$
 $\Sigma PCN_5 = T$

$T_{RAMOS} = 20/12$
 $T_{UNV} = 23/19$

Saturday December 18, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	WSW	Temp	69 °F	J- 0400-0415 LT		
Min.	19 °F	Vel.	4 m.p.h.	Read.	28.89 in.	ZR-IP- 0415-0600 LT		
Set	32 °F	Char.	Very Steady	Corr.	0.77 in.	*Temp steady @ 32 amt		
R.H.	82 %	24 hr. Mov.	NA mi.	Sea L.	30.18 in.	Clds.	10/10	0700
Ppn.	T in.	Prev. Dir.	NA	3 hr. Tend.	-0.21 mb	Clds.		1300
Ppn.	0.1 in.	Snow Depth	T in.	Observer	SGG	Wx	Icy, Slippery	1900
						Wx	R-F	
						Vis.		
						Vis.		
						mi.		2 v. 6 mi.

$$\bar{T} = 30$$

$$H_{100} = 35$$

$$\Sigma H_{100} = 556$$

$$\Sigma PCN_L = 1.64''$$

$$\Sigma PCN_S = 0.1''$$

$$T_{unv} = 32/27$$

$$T_{rams} = 31/22$$

Sunday, December 19, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	W	Temp.	69 °F	L- 1700-1730 LT		
Min.	32 °F	Vel.	8 m.p.h.	Read.	28.70 in.	R- 1730-2030 LT		
Set	34 °F	Char.	steady	Corr.	28.58 in.	S-R- 2200-2230 LT		
R.H.	78 %	24 hr. Mov.	- mi.	Sea L.	29.98 in.	0700	1300	1900
Ppn.	.10 in.	Prev. Dir.	-	3 hr. Tend.	+1.51 mb	Clds.	Clds.	Clds.
Ppn.	0.5 in.	Snow Depth	T in.	Observer	HDS	10/10 SC		10/10 SC
						Wx	Wx	Wx SWU
						(PCPN VRY LGT)		OUR RDGS
						Vis.	Vis.	Vis.
						5v.8 mi.	mi.	7 mi.

$$\bar{T} = 36$$

$$HDD = 29$$

$$\Sigma HDD = 585$$

$$\Sigma PCN_L = 1.74''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{\text{ramos}} = 32/23$$

$$T_{\text{unu}} = 34/29$$

Monday December 20, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	38 °F	Dir.	SSW	Temp.	SW - OBS (19 th) - 0740 LT OCNL SW - 0830 - 1015 LT Snow visible on top 1/3 of ridges			
				70 °F				
Min.	33 °F	Vel.	4 m.p.h.	Read.				28.82 in.
Set	33 °F	Char.	Light	Corr.	28.70 in.			
R.H.	72 %	24 hr. Mov.	- mi.	Sea L.	30.09 in.	0700	1300	1900
						Clds.	Clds.	Clds.
						10/10 S+		10/10 S+
Ppn.	Liq.	Prev. Dir.	-	3 hr. Tend.	+0.1 ✓ mb	Wx	Wx	Wx
	T in.					Seasonably mild		Dism /
Ppn.	Sol.	Snow Depth	0 in.	Observer	DLD	Vis.	Vis.	Vis.
	T in.					10 mi.	mi.	10 mi.

$$\bar{T} = 36$$

$$HDD = 29$$

$$\Sigma HDD = 614$$

$$\Sigma PCN_2 = 1.74''$$

$$\Sigma PCN_3 = 0.6''$$

$$T_{Ramos} = 32/22$$

$$T_{UVR} = 33/27$$

Tuesday, December 21, 1973 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	37 °F	Dir.	NNE	Temp.	70 °F	R-S- 2130 - 0030 LT							
Min.	32 °F	Vel.	5 m.p.h.	Read.	28.31 in.	S- 0030 - 0500 LT (wet snow)							
Set	32 °F	Char.	Light	Corr.	28.19 in.	S- 0500 - 085 PRESFR 0700 1300 1900 OVER →							
R.H.	86 %	24 hr. Mov.	- mi.	Sea L.	29.56 in.	Clds.	X	Clds.	10/10 St	Clds.	9/10 Sc		
Ppn.	.19 in.	Prev. Dir.	-	3 hr. Tend.	-2.3 mb	Wx	S-F	Wx Windy	ocul SW	Wx	Windy		
Ppn.	1.1 in.	Sol.	+	Snow Depth	* in.	Observer	DLD	Vis.	1/2 mi.	Vis.	3 v. 5 mi.	Vis.	7 mi.

$$\bar{T} = 35$$

$$HDD = 30$$

$$\Sigma HDD = 644$$

$$\Sigma PCN_L = 1.93''$$

$$\Sigma PCN_S = 1.7''$$

$$T_{RAMOS} = 31/25$$

$$T_{MUR} = 32/30$$

OBS CONT

* SNOW ACCUMULATING $\sim \frac{1}{2}''$ ON
GRASSY SURFACES

Wednesday December 22, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.				
Max.	35 °F		Dir.	W		Temp.	68 °F			
Min.	25 °F		Vel.	Gusts 19 12 m.p.h.		Read.	28.61 in.			
Set	25 °F		Char.	Gusty		Corr.	28.49 in.			
R.H.	63 %		24 hr. Mov.	— mi.		Sea L.	29.90 in.			
Ppn.	Liq.	.13 in.		Prev. Dir.	—		3 hr. Tend.	+1.8 / mb		
Ppn.	Sol.	1.2 in.		Snow Depth	† in.		Observer	DLD		
							0700	1300	1900	
							Clds.	Clds.	Clds.	
							9/10 Sc		10/10	
							Wx Tussy Ridge 0850	Wx	Wx	
							Vis.	Vis.	Vis.	
							5 mi.	mi.	20 mi.	

S- 085 (21st) - 1030 LT
SW- 1230-1430 LT
SW 1730-1810 LT
ocul SW- overnight

CONT-

Wx Cold!

$\bar{T} = 30$

HDD = 35

$\Sigma HDD = 679$

$\Sigma PCN_L = 2.06''$

$\Sigma PCN_T = 2.9''$

$T_{RAMOS} = 24/12$

$T_{WIND} = 26/16$

OBS CONT

PEAK GUST 57 MPH, FRNT GUSTS

> 50 MPH, ~ 1610 LT

* SNOW DEPTH ~ 1" ON GOLF
COURSE

Thursday, December 23, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	31 °F	Dir.	-	Temp.	SW - 0735 - 0900 H (0.2")		
Min.	22 °F	Vel.	0 m.p.h.	Read.	SW ~ 1900 - 2300 LT (Pen. v. v. v.) LGT.		
Set	22 °F	Char.	Calm	Corr.			
R.H.	80 %	24 hr. Mov.	NA mi.	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	NA	3 hr. Tend.	Clds. 10/10	Clds.	Clds. 6/10
Ppn.	0.2 in.	Snow Depth	T in.	Observer	Wx	Wx	Wx
				Observer	Tranquil		Clearing
				Observer	15 mi.	15 mi.	15 mi.

$T = 27$

$HDD = 38$

$\Sigma HDD = 717$

$\Sigma PCN_2 = 2.06''$

$\Sigma PCN_5 = 3.1''$

$T_{unv} = 24/19$ (@ 11 Zulu)

$T_{Ramp} = 23/15$

FRI. DEC 24, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	33 °F	Dir.	SE	Temp.	67 °F	SW ~ 0800-1100 LT		
Min.	14 °F	Vel.	3 m.p.h.	Read.	28.84 in.	SW - 1415-1430 LT		
Set	19 °F	Char.	Steady	Corr.	28.72 in.	Intermitt SW - over		
R.H.	80 %	24 hr. Mgv.	NA mi.	Sea L.	30.16 in.	0700	1300	1900
Ppn.	0.01 in.	Prev. Dir.	NA	3 hr. Tend.	-1.01 mb	Clds. 10/10	Clds.	Clds. 5/10
Ppn.	0.3 in.	Snow Depth	T in.	Observer	SGG	Wx Ocni SW-	Wx	Wx Ocni SW-
						Vis. 20 mi.	Vis.	Vis. 10 mi.

F = 24

TRAMOS = 17/7

HOD = 41

TUVN = 17/12

SHOD = 758

SPON_L = 2.07'

SPON_S = 3.4"

Saturday 25 December 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	28 °F	Dir.	—	Temp.	• SW - 1100 - 1530 LT (intermittent SW) • clear SW - 1930 - 2200 LT						
Min.	15 °F	Vel.	0 m.p.h.	Read.				28.48 in.			
Set	19 °F	Char.	Calm	Corr.				28.37 in.			
R.H.	75 %	24 hr. Mov.	NA mi.	Sea L.	29.80 in.	Clds.	10/10	0700	1300	1900	
Ppn.	T in.	Liq.	—	Prev. Dir.	NA	3 hr. Tend.	-1.4 mb	Wx	+SW - - • calm	Wx	Wx
Ppn.	0.1 in.	Sol.	—	Snow Depth	T in.	Observer	JCK	Vis.	7 mi.	Vis.	mi.

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

$$T_{\text{max}} = 17$$

$$T_{\text{min}} = 19$$

$$T_{\text{max}} = 9$$

$$T_{\text{min}} = 15$$

$$\bar{T} = 22$$

$$HDD = 43$$

$$\sum HDD = 801$$

$$\sum PCW_1 = 2.07''$$

$$\sum PCW_2 = 3.5''$$

SUNDAY, DEC 26, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 27 °F	Dir. NW (320)	Temp. 67 °F	Foggy SW - OCC. LL SW CAR - APT 23 H + AM 26 B			
Min. 8 °F	Vel. 17 924 m.p.h.	Read. 28.60 in.				
Set 9 °F	Char. SMOY	Corr. 28.49 in.	0700	1300	1900	
R.H. 68 %	24 hr. Mov. N/A mi.	Sea L. 29.95 in.	Clds. 7/10 Scat C	Clds.	Clds.	
Ppn. Liq. .09" in.	Prev. Dir. WNW	3 hr. Tend. +25 mb	Wx SW-	Wx	Wx	
Ppn. Sol. 1.5" in.	Snow Depth 1" in.	Observer P5K	Vis. 2M - SW 3 mi.	Vis. mi.	Vis. mi.	

$$T_{\text{ant}} =$$

$$\sum R_{\text{ant}} = 2.17''$$

$$T_{\text{max}} = 6$$

$$\sum R_{\text{max}} = 8.0''$$

$$T_{\text{dmax}} = -4$$

$$\bar{T} = 17.5$$

$$H_{00} = 47$$

$$\sum H_{\text{Aos}} = 848$$

Monday 27 December 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	13* °F	Dir.	—	Temp.	67 °F	• DENT SW - shortly after observation (26th) NOT A RECORD, BUT COLDEST MIN MAX SINCE 12/23/89 (10)		
Min.	7 °F	Vel.	0 m.p.h.	Read.	29.08 in.			
Set	7 °F	Char.	Caln	Corr.	28.97 in.			
R.H.	78 %	24 hr. Mov.	NA mi.	Sea L.	30.47 in.	0700	1300	1900
Ppn.	+	Liq.	in.	Prev. Dir.	NA	Clds.	Clds.	Clds.
				3 hr. Tend.	46.5 / mb	Wx	Wx	Wx
				Observer	JCK	Wx	Wx	Wx
Ppn.	T	Sol.	in.	Snow Depth	1 in.	Vis.	Vis.	Vis.
						30 mi.	mi.	mi.

$$T_{\text{Amis}} = 6/-1$$

$$T_{\text{unv}} = 6/1$$

$$\bar{T} = 10$$

$$+00 = 55$$

$$\sum \text{mod} = 9.3$$

$$\sum \text{pcd}_L = 2.17''$$

$$\sum \text{pcd}_S = 5.0$$

TUE, DEC 28, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 18 °F		Dir. SW		Temp. 68 °F	* OVERT LO ~ 14 * TRACE BY SHEAR, BUT 21" E SIDE WALKER AND COLLEGE FURNIES ~ 1400LT		
Min. 7 °F	*	Vel. 8 m.p.h.		Read. 29.18 in.			
Set 15 °F		Char. STDY		Corr. 29.06 in.	0700	1300	1900
R.H. 58 %		24 hr. Mov. — mi.		Sea L. 30.37 in.	Clds. SC 10/10 CS	Clds.	Clds. ST 2/10 CI
Ppn. T in.	Liq.	Prev. Dir. —		3 hr. Tend. +0 mb	Wx VRY TH CS OVRT	Wx	Wx COLD + MOONFUL
Ppn. T in.	Sol.	Snow Depth 1* in.		Observer JHM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{F} = 13$$

$$H_{00} = 52$$

$$\sum H_{00} = 955$$

$$\sum \text{pcn. (L)} = 2.17''$$

$$(\delta) = 5.0''$$

$$T_{\text{down}} = 0$$

$$T_{\text{up}} = 5$$

WED. DEC. 29, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	20 °F	Dir.	—	Temp.			
				67 °F			
Min.	4 °F	Vel.	0 m.p.h.	Read.			
				28.91 in.			
Set	7 °F	Char.	CALM	Corr.	0700	1300	1900
				28.79 in.			
R.H.	72 %	24 hr. Mov.	— mi.	Sea L.	Clds.	Clds.	Clds.
				30.11 in.	9/10		10/10
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	Wx	Wx	Wx
				-3.0 mb	MURRY CLOY		S-
Ppn.	0 in.	Snow Depth	1 in.	Observer	Vis.	Vis.	Vis.
				JHM	25 mi.	mi.	8 mi.

$$\bar{T} = 12$$

$$T_{down} = -1$$

$$T_{up} = 1$$

$$H_{00} = 53$$

$$\sum_{i=1}^{100} = 1008$$

$$\sum_{i=1}^{100} p_{i+1}(L) = 2.17''$$

$$U_2 = 5.0''$$

Thurs. DEC 30, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 22 °F		Dir. WNW	Temp. 68 °F	* ORBIT LD ~ 11 SWU - 10 mi. from station at TUSSEY RIDGE / PA RR S-- 1530-1800 LT S- 1800 - 2130 LT (ORBIT S) (ORBIT)		
Min. 7* °F		Vel. 12 m.p.h.	Read. 28.82 in.			
Set 12 °F		Char. GTD 22	Corr. 28.70 in.			
				0700	1300	1900
R.H. 50 %		24 hr. Mov. - mi.	Sea L. 30.02 in.	Clds. 4/10 cu	Clds.	Clds. As 7/10 - C:
Ppn. Liq. .02 in.		Prev. Dir. -	3 hr. Tend. 1+4.0 mb	Wx WIND CHILL!	Wx	Wx cold, Full moon
Ppn. Sol. 0.6 in.		Snow Depth 1 in.	Observer JHM	Vis. 10V25 (sw) (e)	Vis. mi.	Vis. 20 mi.

$$\bar{T} = 15$$

$$T_{\text{drama}} = -4$$

$$H_{\text{DO}} = 50$$

$$T_{\text{d unv}} = -3$$

$$\sum H_{\text{DO}} = 1058$$

$$\sum \text{PCW (L)} = 2.19''$$

$$(S) = 5.6''$$

PCA History (cont.)

OCAL SW-

2300 LT → 0600 LT

WIND (MST)

30-40 mph 0400-0500
LT

Friday December 31, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	19 °F	Dir.	WSW	Temp.	69 °F	* Min temp occurred at 0800 LT and 1900 LT on 30th - Temp rose steadily overnight.			
Min.	10 °F	Vel.	11 m.p.h.	Read.	28.92 in.				
Set	18 °F	Char.	Gusts to 18	Corr.	28.80 in.				
R.H.	44 %	24 hr. Mov.	— mi.	Sea L.	30.25 in.	Clds.	10/10 SC	Clds.	10/10
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	-1.21 mb	Wx	MOON Dimly Visible	Wx	OVC
Ppn.	0 in.	Snow Depth	1 in.	Observer	DLD	Vis.	20 mi.	Vis.	12 mi.

$$\bar{T} = 15$$

$$T_{RMS} = 14/2$$

$$HDD = 150$$

$$T_{ENV} = 17/2$$

$$\Sigma HDD = 1108$$

$$\Sigma PCN_L = 2.3''$$

$$\Sigma PCN_r = 5.6''$$