

Monday, 1 JANUARY 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	43 °F		Dir.	-		Temp.	72 °F		
Min.	27 °F		Vel.	0 m.p.h.		Read.	28.72 in.		
Set	31 °F		Char.	CALM		Corr.	28.60 in.		
R.H.	82 %		24 hr. Mov.	5 mi.		Sea L.	30.00 in.		
Ppn.	Liq.	0.03 in.	Prev. Dir.	L+V		3 hr. Tend.	+0.5 mb		
Ppn.	Sol.	0.6" in.	Snow Depth	5 in.		Observer	FJG		
							0700	1300	1900
							Clds.	Clds.	Clds.
							10/10		10/10
							Wx	Wx	Wx
							SL-- SP--P		L-F
							Vis.	Vis.	Vis.
							4 mi.		1.5 mi.

ONNT LOW 30  
PCPN VRY LT  
SB 2230 SE 0130  
5-; OCCL 5 (HUGE FLAKES)

$$\bar{T} = 35$$

$$H_{DO} = 30$$

$$\sum H_{DO} = 30$$

$$\sum PCN_2 = 0.03^\circ$$

$$\sum PCN_5 = 0.6''$$

$$T_{UV} = 31/27 \quad T_L = 27$$

$$T_{AMOS} = 30/26$$

TUESDAY 02 JANUARY 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	36 °F	Dir.		Temp.	1600 LT L/F 0600 LT S - BEGAN WITH FOG						
				73 °F							
Min.	31 °F	Vel.	0 m.p.h.	Read.				28.63 in.			
Set	32 °F	Char.	CALM	Corr.	28.51 in.	0700	1200	1900			
R.H.	94 %	24 hr. Mov.	3.7 mi.	Sea L.	29.91 in.	Clds.	10/10	Clds.	10/10 X NS	Clds.	10/10 X
Ppn.	0.01 in.	Prev. Dir.	S	3 hr. Tend.	-0.5 mb	Wx	X	Wx	SF	Wx	GUSTY WIND
Ppn.	T in.	Snow Depth	5 in.	Observer	SMH	Vis.	< 1/4 mi.	Vis.	3/8 mi.	Vis.	1 mi.

$$\bar{T} = 33$$

$$HOD = 32$$

$$\sum HOD = 62$$

$$\sum PCN_2 = 0.04''$$

$$\sum PCN_3 = 0.6''$$

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

$$T_d = 30$$

$$T_{RAMOS} = 34/32$$

WEDNESDAY 3 JAN 96

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. NNE	Temp. 70 °F	1200 LT 2.7" SOLID GAUGE EMPTIED 0.27 LIQUID EQUIV RECORD SNOWFALL FOR 3 JAN (OLD RECORD 6.7 1987) 0200-0215 1P-		
Min.	20 °F	Vel. 13 m.p.h.	Read. 28.23 in.			
Set	21 °F	Char. G18	Corr. 28.11 in.			
R.H.	81 %	24 hr. Mov. 50 mi.	Sea L. 29.46 in.	0700 Clds. -X NS	1200 Clds. NS 10/10 BNSK	1900 Clds. 5 10/10 D
Ppn. Liq.	0.97 in.	Prev. Dir. NE	3 hr. Tend. V-1.2mb	Wx S-	Wx S- VRY LIGHT	Wx SW-
Ppn. Sol.	*9.7 in.	Snow Depth 12 in.	Observer FCS	Vis. 7/8 mi.	Vis. V4 mi.	Vis. 10 mi.

$$\bar{T} = 27$$

$$T_{\text{unv}} = 20/16 \quad T_0 \sim 16$$

$$\text{HDD} = 38$$

$$T_{\text{KRMJ}} = 22/15$$

$$\sum \text{HDD} = 99$$

$$\sum \text{PCN}_2 = 1.01$$

$$\sum \text{PCN}_3 = 10.3$$

THURSDAY 4 JAN 96 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. CALM	Temp. 69 °F	S- OBS - 1210 LT		
Min.	9 °F	Vel. - m.p.h.	Read. 28.78 in.	0.05 LIQUID (GUAGE EMPTIED)		
Set	10 °F	Char. -	Corr. 28.67 in.	FRT SW - 1230 - 1700		
R.H.	72 %	24 hr. Mov. 117 mi.	Sea L. 30.10 in.	0700	1200	1900
Ppn. Liq.	.05 in.	Prev. Dir. WAW	3 hr. Tend. +2.1 mb	Clds. 3/10 ST	Clds. Ci, Sc 7/10	Clds. <del>Sc</del> 5/10 ?
Ppn. Sol.	0.5 in.	Snow Depth 1 1/2 in.	Observer FCS	Wx CRISP - C002	Wx CLDS MKR. WEST	Wx CRISP C002 MOONLIT
				Vis. 15 mi.	Vis. 20 mi.	Vis. 15 ni.

$$\bar{T} = 96.18 \quad T_{unv} = 8/1 \quad T_D \sim 1$$

$$HDD = 47 \quad T_{trans} = 8/1$$

$$\sum HDD = 146$$

$$\sum PCN_2 = 1.06$$

$$\sum PCN_3 = 10.8$$



FRIDAY, 5 JAN 96

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	21 °F	Dir.	CALM	Temp.			
Min.	8 °F	Vel.	— m.p.h.	69 °F			
Set	13 °F	Char.	—	Read.			
R.H.	77 %	24 hr. Mov.	64 mi.	29.01 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	WSW	Corr.	Clds.	Clds.	Clds.
				28.90 in.	10/10 SC	8/10 SC	1/10 CC
				Sea L.	Wx	Wx	Wx
				30.36 in.	Very COLD	SW-	COLD
				3 hr. Tend.	Vis.	Vis.	Vis.
				+1.55 mb	7 mi. HAZE	12 mi.	20 mi.
Ppn.	T in.	Snow Depth	11 in.	Observer			
				SNH			

$$\bar{T} = 15$$

$$H00 = 50$$

$$\sum H00 = 196$$

$$\sum PCN_2 = 1.06$$

$$\sum PCN_3 = 10.8$$

$$T_{UNU} = 13/7$$

$$T_0 = 7$$

$$T_{RAMOS} = 13/7$$

SATURDAY 6 JAN 96

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	23 °F	Dir.	N	Temp.	66 °F	S-0710-0930 1/5		
Min.	6 °F	Vel.	5 m.p.h.	Read.	29.24 in.			
Set	6 °F	Char.	DIRECTION STEADY	Corr.	29.14 in.			
R.H.	74 %	24 hr. Mov.	69 mi.	Sea L.	30.51 in.	0700	1300	1900
Ppn.	T	Prev. Dir.	WNW	3 hr. Tend.	√+0.1 mb	Clds.	Clds.	Clds.
						3/10 -		15/10 ST 5/2
						Wx	Wx	Wx
						FRIGID		Cold, Calm
Ppn.	T	Snow Depth	10 in.	Observer	FCS	Vis.	Vis.	Vis.
						15 mi.	mi.	15 mi.

$$\bar{T} = 15$$

$$HDD = 50$$

$$\Sigma HDD = 246$$

$$\Sigma PCN_L = 1.06$$

$$\Sigma PCN_S = 10.8$$

$$T_{UNV} = 4/-1$$

$$T_{RAMS} = 7/0$$

$$T_b \sim 0$$

SUNDAY, JANUARY 7, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	14 °F	Dir.	NE	Temp.	66 °F	* Overnight Low = 9 - S began overnight		
Min. *	6 °F	Vel.	10 m.p.h.	Read.	28.98 in.			
Set	9 °F	Char.	GZO	Corr.	28.87 in.			
R.H.	84 %	24 hr. Mov.	19 mi.	Sea L.	30.36 in.	0700	1300	1900
Clds.	10 st	Clds.		Clds.	X (S, BS)			
Ppn.	0.08 in.	Prev. Dir.	NE	3 hr. Tend.	-2.21 mb	Wx	Wx	Wx
						Light Snow		S-, OKNL S Breezy
Ppn.	1.3 in.	Snow Depth	11 in.	Observer	GHB	Vis.	Vis.	Vis.
						5 mi.	mi.	4 mi.

$$\bar{T} = 10$$

$$T_{uw} = 8/4$$

$$T_D = 5$$

$$HDD = 55$$

$$T_{RAMOS} = 7/2$$

$$\Sigma HDD = 301$$

$$\Sigma PCN_L = 1,14$$

$$\Sigma PCN_S = 12,1$$

MONDAY, JANUARY 8, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 17*	°F	Dir. NNW	Temp. 68	* Max at 0700 LT 8 Jan * Min at 0700 LT 7 Jan *** New record for date. (old record = 5.2, 1976) SE ~ 0300 LT 8 JAN		
Min. 9*	°F	Vel. 20 m.p.h.	Read. 28.51 in.			
Set 17	°F	Char. Variable	Corr. 28.40 in.			
R.H. 58	%	24 hr. Mov. 103 mi.	Sea L. 29.83 in.	0700 Clds. 100 St	1300 Clds. C: 6/10 As	1900 Clds. 0/10 CLR
Ppn. 0.95	Liq. in.	Prev. Dir. N	3 hr. Tend. +1.2/ mb	Wx Windy	Wx Clearing Skies + Sunny!	Wx CRISP
Ppn. 16.2**	Sol. in.	Snow Depth 22 in.	Observer GHB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 13$$

$$T_{UNV} = 17/0$$

$$T_0 = 5$$

$$HDD = 52$$

$$TRAMOS = 15/0$$

$$\Sigma HDD = 353$$

$$\Sigma PCN_L = 2,09$$

$$\Sigma PCN_S = 28,3$$



TUESDAY, JANUARY 9, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	26 °F	Dir.	SW	Temp.	67 °F								
Min.	13 °F	Vel.	10 m.p.h.	Read.	28.62 in.								
Set	13 °F	Char.	Steady	Corr.	28.51 in.	0700	1100	1900					
R.H.	72 %	24 hr. Mov.	146 mi.	Sea L.	29.97 in.	Clds.	5/10 Ci 10 AS	Clds.	10/10 Strat 10	Clds.	10/10 Ns		
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	-0.31 mb	Wx	Tranquil	Wx	Crisp	Wx	S-		
Ppn.	0 in.	Sol.		Snow Depth	20 in.	Observer	GHB	Vis.	25 mi.	Vis.	25 mi.	Vis.	10 mi.

$$\bar{T} = 20$$

$$T_{unv} = 13/4$$

$$T_d = 6$$

$$HDD = 45$$

$$T_{RAMOS} = 12/2$$

$$\Sigma HDD = 348$$

$$\Sigma PCN_s = 28,3$$

$$\Sigma PCN_L = 2,09$$

WEDNESDAY, JANUARY 10, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. * 23 °F	Dir. NW	Temp. 72 °F	* AT 0700LT JAN 10 * AT 0700LT JAN 9 S- 1230LT - 1800LT 1700LT PCL <sub>2</sub> - 0.07" PCL <sub>3</sub> - 0.9" SW - 1900 - 0000LT			
Min. * 13 °F	Vel. 10 m.p.h.	Read. 28.57 in.				
Set 23 °F	Char. G20	Corr. 28.44 in.	0700	1300 <del>1300</del>	1900	
R.H. 68 %	24 hr. Mov. 94 mi.	Sea L. 29.86 in.	Clds. Ac 7/10 Cu	Clds. Ac 5/10 Cu	Clds. 7/10 As	
Ppn. Liq. 0.11 in.	Prev. Dir. W	3 hr. Tend. +2.0/mb	Wx BRISK	Wx CLAS 1140 5000 From S. BRISK	Wx COLD!	
Ppn. Sol. 1.4 in.	Snow Depth 20 in.	Observer DAS	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	

F-18

N00-47

$\Sigma$ N00-445

$\Sigma$ PCN<sub>L</sub> - 2.20"

$\Sigma$ PCN<sub>S</sub> - 29.7"

Terras - 23/14

TUVV - 23/14

TJ-14

Thursday, January 11, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	24 °F	Dir. S	Temp. 66 °F			
Min.	23 °F	Vel. 2 m.p.h.	Read. 29.01 in.			
Sea L.	°F	Char. Calm	Corr. 28.90 in.	0700	1300	1900
R.H.	91 %	24 hr. Mov. 116 mi.	Sea L. 30.41 in.	Clds. 4/10 Cs	Clds. 10/10 Cs	Clds. 10/10 Sc+Cu
Ppn. Liq.	T in.	Prev. Dir. WNW	3 hr. Tend. +1.0 mb	Wx Frigid	Wx Thin clds, some sea	Wx Frigid, small Brn Cl
Ppn. Sol.	T in.	Snow Depth 18 in.	Observer GHB	Vis. 25 mi.	Vis. 20 mi.	Vis. 6.5 mi.

$$T = 11$$

$$HDD = 54$$

$$\Sigma HDD = 499$$

$$\Sigma PCN_L = 2.20^*$$

$$\Sigma PCN_S = 29.7^*$$

$$T_{UNV} = 1/-1$$

$$T_{RAMOS} = 1/0$$

$$T_0 = 0$$

Friday January 12, 1946  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	18 °F	Dir. NE	Temp. 68 °F	S - Began 2230 LT ETA - 2345 LT OFTW 0500 LT.		
Min.	0 °F	Vel. 10 m.p.h.	Read. 28.70 in.			
Set	17 °F	Char. —	Corr. 28.59 in.			
				0700	1300	1900
R.H.	80 %	24 hr. Mov. 18 mi.	Sea L. 29.93 in.	Clds. 10 ST 10 CW	Clds. 10 NS 10	Clds. 6/10 SC AC ST
Ppn. Liq.	0.03 in.	Prev. Dir. SE	3 hr. Tend. -1.01 mb	Wx Sp - Fog	Wx 5 Breezy	Wx Calm Haze
Ppn. Sol.	0.5 in.	Snow Depth 16 in.	Observer JCW	Vis. 1.6 mi.	Vis. 5/8 mi.	Vis. 7 mi.

$$\bar{T} = 9$$

$$HDD = 56$$

$$\Sigma HDD = 555$$

$$\Sigma PCN_L = 2.23''$$

$$\Sigma PCN_S = 30.2''$$

$$T_{UNV} \quad 15/10$$

$$T_{ramo} \quad 15/9$$

$$T_{DZ} \quad 10$$



SATURDAY, JANUARY 13, 1946

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max. $\times$	22 °F	Dir.	NW	Temp.	68 °F	* @ ~ 0300 LT * Overnight Low - 20			
Min. $\star$	15 °F	Vel.	8 m.p.h.	Read.	28.56 in.	S-15 / 0CNL S+			
Set	20 °F	Char.	G14	Corr.	28.44 in.	OBS (0700 LT) - 1800 LT 1115 LT PCNL - 0.19" PCNS - 2.5" 1430 LT EPNL - 0.42" EPCNS - 5.5"			
R.H.	78 %	24 hr. Mov.	51.2 mi.	Sea L.	29.87 in.	Clds.	10/10 ST	1300	1900
Ppn. Liq.	0.48 in.	Prev. Dir.	W	3 hr. Tend.	+1.3 ✓ mb	Wx	Haze	?	10/10 5c
Ppn. Sol.	6.4 in.	Snow Depth	21 in.	Observer	DOS	Vis.	10 mi.		BRISK
						Vis.			10 mi.

T-19

H00-46

$\Sigma H00 - 601$

$\Sigma PCN_2 - 2.71''$

$\Sigma PCN_5 - 36.6''$

T<sub>RAINS</sub> - 20/15

T<sub>UVV</sub> - 20/13

T<sub>J</sub> - 14

SUNDAY 14 JANUARY 96

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. *	Dir.	Temp.	* @ 0700 LT			
30 °F	SW	69 °F				
Min.	Vel.	Read.				
20 °F	18 m.p.h.	28.73 in.				
Set	Char.	Corr.	0700	1300	1900	
30 °F	STEADY	28.61 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
77 %	90.4 mi.	30.01 in.	10/10 SC		CLEAR	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
F in.	SW	10.5 mb	TRANQUILL		M10 & MELTING	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
D in.	20 in.	SNH	10 mi.		25 mi.	

$$\bar{T} = 25$$

$$T_{\text{RPM03}} = 30/25$$

$$T_b = 24$$

$$H_{DD} = 40$$

$$T_{\text{unv}} = 28/23$$

$$\Sigma H_{DD} = 641$$

$$\Sigma PC_{N_2} = 2.71''$$

$$\Sigma PC_{N_5} = 36.6''$$

MONDAY 15 JANUARY 1994 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	50 °F	Dir.	NW	Temp.	70 °F	* overnight low 35			
Min.	29 °F	Vel.	9 m.p.h.	Read.	29.87 in.				
Set	35 °F	Char.	STEADY	Corr.	29.75 in.	0700	1800	1900	
R.H.	75 %	24 hr. Mōv.	109 mi.	Sea L.	30.05 in.	Clds.	8/10 Cu 5c	Clds.	5/10 ST
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	4.0 mb	Wx	Breezy RAW	Wx	COOL Chilly
Ppn.	0 in.	Snow Depth	18 in.	Observer	SAWH	Vis.	10 mi.	Vis.	20 mi.

$$T = 40$$

$$HOD = 25$$

$$\sum HOD = 666$$

$$\sum RN_2 = 2.71''$$

$$\sum RN_3 = 36.6''$$

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

$$T_{UNU} \frac{28}{22}^{SNH}$$

$$= 35/26$$

$$T_d = 28$$

TUESDAY, JANUARY 16, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max. *	35 °F	Dir.	SSE	Temp.	68 °F	*Max Temp at 0700 LT 15 JAN					
Min.	9 °F	Vel.	10 m.p.h.	Read.	29.25 in.						
Set	18 °F	Char.	Steady	Corr.	29.13 in.						
R.H.	37 %	24 hr. Mov.	55 mi.	Sea L.	30.60 in.	0700	<del>1100</del> 1300	1900			
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	+0.2 V mb	Clds.	18 ST	Clds.	16 ST 10	Clds.	Cu 7/10 Ac
Ppn.	0 in.	Snow Depth	16 in.	Observer	GHB	Wx	Chilly	Wx	Crisp	Wx	Cool Breeze
						Vis.	15 mi.	Vis.	15 mi.	Vis.	15 mi.

$$\bar{T} = 22$$

$$HDD = 43$$

$$\Sigma HDD = 709$$

$$\Sigma PCN_L = 2.71''$$

$$\Sigma PCN_S = 36.6''$$

$$T_{RAMOS} = 16/-4$$

$$T_{UNV} = 15/-2$$

$$T_d = -4$$



WEDNESDAY, JANUARY 17, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F	Dir. WNW	Temp. 68 °F	* @ 0700LT JAN 16 OCLL ZRW - 2130LT - 0700LT			
Min. * 18 °F	Vel. 4 m.p.h.	Read. 28.90 in.				
Set 33 °F	Char. Light	Corr. 28.78 in.	0700	1800	1900	
R.H. 89 %	24 hr. Mov. 75.8 mi.	Sea L. 30.20 in.	Clds. 10/10 Ns	Clds. 8/10 ST	Clds. 19/20 SC	
Ppn. Liq. 0.02 in.	Prev. Dir. 5	3 hr. Tend. +0.2 ✓ mb	Wx ZRW - Fog	Wx Fog	Wx Fog	
Ppn. Sol. 0 in.	Snow Depth 16 in.	Observer DDS	Vis. 3 mi.	Vis. 5 mi.	Vis. 5 mi.	

T-26

H00-39

$\Sigma H00 - 748$

$\Sigma PCN_2 - 2.73''$

$\Sigma PCN_5 - 36.6''$

T<sub>RAMOS</sub> - 33/30

T<sub>UNV</sub> - 33/28

T<sub>w</sub> - 32

T<sub>0</sub> - 30

THURSDAY, JANUARY 18, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	45 °F	Dir.	W	Temp.	70 °F	ZL - at 0700 LT 17 Jan.							
Min.	33 °F	Vel.	6 m.p.h.	Read.	29.05 in.								
Set	34 °F	Char.	Steady	Corr.	28.93 in.								
R.H.	87 %	24 hr. Mov.	6 mi.	Sea L.	30.34 in.	0700	1200	1900					
Clds.						19/10 st	19/10 X	12/10 st					
Ppn.	T in.	Liq.		Prev. Dir.	L+V	3 hr. Tend.	+0.4 mb	Wx	Fog	Wx	Fog	Wx	Drizzle Fog
Ppn.	0 in.	Sol.		Snow Depth	14 in.	Observer	GHB	Vis.	6 mi.	Vis.	1/8 mi.	Vis.	1.5 mi.

$$\bar{T} = 39$$

$$T_{\text{RANS}} = 41/37$$

$$T_0 \sim 31$$

$$HDD = 26$$

$$T_{\text{UNV}} = 34/31$$

$$\Sigma HDD = 774$$

$$\Sigma PCN_L = 2.73''$$

$$\Sigma PCN_S = 36.6''$$

FRIDAY JANUARY 19, 1946  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. SE	Temp. 71 °F			
Min.	34 °F	Vel. 8 m.p.h.	Read. 28.32 in.			
Set	49 °F	Char. Variable	Corr. 28.17 in.			
R.H.	100 %	24 hr. Mov. 187 mi.	Sea L. 29.51 in.	0700	1100	1900
Clds.	x 10/10			Clds. CU 1/10		Clds. <del>10/10</del> SC
Ppn. Liq.	0.40 in.	Prev. Dir. SE	3 hr. Tend. 0 ✓ mb	Wx Heavy Rainy Lightning, Thunder	Wx R EP-	Wx Cold N Wind ~20mph
Ppn. Sol.	— in.	Snow Depth 8 in.	Observer JCW	Vis. 2 mi.	Vis. 7 mi.	Vis. 20 mi.

$$\bar{T} = 46$$

$$HDD = 19$$

$$\Sigma HDD = 793$$

$$\Sigma PCN_L = 3.63''$$

$$\Sigma PCN_S = 36.6''$$

$$T_{RAMOS} = 47/47$$

$$T_{UNV} = 50/40 \quad T_D \sim 48$$

SATURDAY, JANUARY 20, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. <sup>*</sup>	49 °F	Dir. NW	Temp. 67 °F	XSET @ 0700 LT JAN 19 *NEW 24 HOUR RECORD FOR DAY AND MONTH OF JANUARY R-IR 0700-1100 LT TRW 0700-0800 LT LGT CGLL		
Min.	10 °F	Vel. 10 m.p.h.	Read. 29.10 in.	CONT ON BACK		
Set	10 °F	Char. STEADY	Corr. 28.98 in.	0700	1300	1900
R.H.	73 %	24 hr. Mov. M mi.	Sea L. 30.46 in.	Clds. Cu 3/10 AL CONTINUALS	Clds.	Clds. CLEAR
Ppn. Liq. <sup>*</sup>	1.78 in.	Prev. Dir. W	3 hr. Tend. +2.5/ mb	Wx NIPPY	Wx	Wx TWINKLING STARS / COLD
Ppn. Sol.	0.3 in.	Snow Depth 4 in.	Observer DDS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F-30

H00-35

$\Sigma$ H00-828

$\Sigma$ PCNL-4.91"

$\Sigma$ PCNS-36.9"

Teramos-10/2

TUNV-10/3

Td-3

GENERAL OBS CONT

TRW/FROPA 1030 LT

IP 1100 LT

1120 LT PCNL-1.75"

OCNL SW- 1145-1800 LT



SUNDAY 21 January 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	22 °F	Dir.	W	Temp.	69 °F			
Min.	10 °F	Vel.	6 m.p.h.	Read.	29.14 in.			
Set	21 °F	Char.	STEADY	Corr.	29.01 in.			
R.H.	57 %	24 hr. Mov.	36.5 mi.	Sea L.	30.46 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	WSW	3 hr. Tend.	STEADY mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	4 in.	Observer	SNH	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 mi.	mi.	25 mi.

$\bar{T} = 16$

$T_{max} = 20/7$

$T_d = 8$

$\Delta D = 49$

$T_{min} = 21/8$

$\Sigma HOD = 877$

$\Sigma PCN_2 = 4.91''$

$\Sigma PCN_3 = 36.8''$

MONDAY 22 JANUARY 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.				
Max.	29 °F	Dir.	—	Temp.	68 °F	FLURRIES ~1200LT - 1300LT (2nd)				
Min.	16 °F	Vel.	L+V m.p.h.	Read.	29.18 in.					
Set	16 °F	Char.	CALM	Corr.	29.03 in.					
R.H.	84 %	24 hr. Mov.	34.9 mi.	Sea L.	30.50 in.	Clds.	4/10 Ci	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir.	SE	3 hr. Tend.	10.5 mb	Wx	FROSTY	Clds.	9/10	7/10 Ci
Ppn.	Sol. T in.	Snow Depth	3 in.	Observer	SNH	Wx	Thin Fog Sunny!	Wx	Calm	
				Vis.	25 mi.	Vis.	10 mi.	Vis.	10 mi.	

$\bar{T} = 23$

HOD 42

$\Sigma 100$  919

$\Sigma PCN_1$  4.91"

$\Sigma PCN_2$  36.9'

Tramos 16/13

Toru 14/80

$\bar{T} = 11$

TUESDAY, JANUARY, 23, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	S	Temp.	68 °F	*Overnight low = 26		
Min. *	16 °F	Vel.	4 m.p.h.	Read.	28.91 in.			
Set	26 °F	Char.	Calm	Corr.	28.79 in.			
R.H.	58 %	24 hr. Mov.	48 mi.	Sea L.	30.22 in.	1100 LT		
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	-1.21 mb	0700	1300	1900
Ppn.	0 in.	Snow Depth	3 in.	Observer	GHB	Clds.	Clds.	Clds.
						70 ST	10/10 ST	10/10 AS
						Wx	Wx	Wx
						Calm	CALM	Haze
						Vis.	Vis.	Vis.
						15 mi.	10 mi.	7 mi.

$$\bar{T} = 27$$

$$HDD = 38$$

$$\Sigma HDD = 957$$

$$\Sigma PCN_L = 4.91''$$

$$\Sigma PCN_S = 36.9''$$

$$T_{RAMOS} = 34/19$$

$$T_{UNV} = 28/20$$

$$T_D = 13$$

WEDNESDAY, JANUARY 24, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	WSW	Temp.	70 °F	* @ 0700 LT JAN 23		
Min.	26 °F	Vel.	8 m.p.h.	Read.	28.35 in.	S- 1130 - 1445 LT		
Set	37 °F	Char.	G14	Corr.	28.23 in.	IP 1315 - 1345 LT		
R.H.	93 %	24 hr. Mov.	63.2 mi.	Sea L.	29.61 in.	1445 PCN <sub>2</sub> - 0.05" PCN <sub>3</sub> - 0.5"		
Ppn.	0.27 in.	Prev. Dir.	S	3 hr. Tend.	-2.0 mb	0700	1800	1900
Ppn.	0.5 in.	Snow Depth	3 in.	Observer	005	Clds.	Clds.	Clds.
						10/10 NS	19/10 CU 10 NS	10/10 ST
						Wx R- Haze	Wx FIRST <sup>CLOUDS</sup> metg	Wx Chilly Wind
						Vis.	Vis.	Vis.
						7 mi.	15 mi.	15 mi.

F-32

T<sub>RAMOS</sub> - 41/33

T<sub>w</sub> - 36

H<sub>00</sub> - 33

T<sub>UNV</sub> - 35/31

T<sub>d</sub> - 35

ΣA<sub>00</sub> - 990

ΣPCN<sub>L</sub> - 5.18"

ΣPCN<sub>S</sub> - 37.4"



Thursday, January 25, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. W	Temp. 71 °F	R- 0700-1100 LT RW-, OCNL RW 1300-1400 FROPA ~ 1400 LT			
Min. 20 °F	Vel. 14 m.p.h.	Read. 29.01 in.				
Set 20 °F	Char. Variable	Corr. 28.89 in.				
			0700	1300	1900	
R.H. 58 %	24 hr. Mov. 219 mi.	Sea L. 30.34 in.	Clds. 7/10 Sc	Clds. 8/10 C4	Clds. 9/10	
Ppn. Liq. 0.21 in.	Prev. Dir. W	3 hr. Tend. +3.01 mb	Wx Windy	Wx OCNL Sunshiny	Wx Clear Cold	
Ppn. Sol. 7 in.	Snow Depth 3 in.	Observer GHB	Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.	

$$\bar{T} = 32$$

$$HDD = 33$$

$$\Sigma HDD = 1023$$

$$\Sigma PCN_L = 5.39$$

$$\Sigma PCN_S = 37.4''$$

$$T_{RAMOS} = 18/3$$

$$T_{UNV} = 20/6$$

$$T_D = 8$$

Friday JANUARY 26, 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	28 °F		Dir.	SSE		Temp.	70 °F		
Min.	19 °F		Vel.	8 m.p.h.		Read.	29.22 in.		
Set	24 °F		Char.	VAR		Corr.	29.11 in.		
R.H.	60 %		24 hr. Mov.	87.2 mi.		Sea L.	30.57 in.		
							0700	1100	1900
Clds.	1/10 Cirrus		Clds.	1/10 Cs		Clds.	10/10 Str		
Ppn.	Liq.	0.0 in.	Prev. Dir.	WSW		3 hr. Tend.	+1.0 mb		
Wx	Mostly clear, Cold		Wx	BIRDUC Presently Chilly		Wx	Cool		
Ppn.	Sol.	0.0 in.	Snow Depth	3 in.		Observer	JCW		
Vis.	17 mi.		Vis.	20 mi.		Vis.	15 mi.		

$$\bar{T} = 24$$

$$HDD = 41$$

$$\Sigma HDD = 1064$$

$$\Sigma PCN_L = 5.39$$

$$\Sigma PCN_S = 37.4''$$

$$T_{\text{ramos}} = 23/11$$

$$T_{\text{unv}} = 24/11$$

$$T_D = 11$$

SATURDAY, JANUARY 27, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	46 °F	Dir.	S	Temp.	* @ 0700 LT JAN 26 * RECORD 24 HOUR TOTAL FOR DAY ** GUST TO 52 FOR 20 SECONDS @ 0640 LT IP 2000 LT S-TEMP-2050-2105 LT CONT ON BACK		
				71 °F			
Min.	24 °F	Vel.	20 m.p.h.	Read.			
Set	46 °F	Char.	** G40	Corr.	28.38 in.	IP 2000 LT	
R.H.	86 %	24 hr. Mov.	121.5 mi.	Sea L.	29.73 in.	Clds.	Ns
						0700	1300
							1900
Ppn.	1.15 in.	Liq.	*	Prev. Dir.	S	3 hr. Tend.	-6.0 mb
						Wx	R-
Ppn.	0.6 in.	Sol.		Snow Depth	2 in.	Observer	DNS
						Vis.	20 mi.
						Vis.	25 mi.

$\bar{T}$  - 35

HDD - 30

$\Sigma$ HDD - 1094

$\Sigma$ PCN<sub>L</sub> - 6.54"

$\Sigma$ PCN<sub>S</sub> - 38.0"

GENERAL OBS CONT

S-10CNLS 2105 - 2135 LT

2R/R-1R 2135 - 0700 LT

2200 LT PCN<sub>S</sub> - 0.6"

T<sub>RAMOS</sub> - 58/41

T<sub>UVV</sub> - 47/41

T<sub>w</sub> - 44

T<sub>d</sub> - 42

Sunday 28 January 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	51 °F	Dir.	NW	Temp.	69 °F	FGAT RW-12-12P- 0700LT-100LT		
Min.	21 °F	Vel.	20 m.p.h.	Read.	29.06 in.	1000 - OBS. SW - (FURRIES)		
Set	21 °F	Char.	640	Corr.	28.94 in.	COLD FRONTS ~ 1040 LT		
R.H.	57 %	24 hr. Mov.	.348 mi.	Sea L.	30.39 in.	0700	1300	1900
Ppn.	0.07 in.	Prev Dir.	SSW	3 hr. Tend.	13.0 / mb	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	T in.	Observer	SMH	Wx	Wx	Wx
						4/10 Cu		CLEAR
						Blow seen COLD		HAZY CALM
						Vis.	Vis.	Vis.
						25 mi.		15 mi.

$\bar{T} = 36$

$HDD = 29$

$\Sigma HDD = 1123$

$\Sigma PCN_L = 6.61''$

$\Sigma PCN_S = 38.0'$

$T_{trans} = 21/8$

$T_{curv} = 23/7$

$T_d = 8$





MONDAY 29 January 96

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	26 °F	Dir.	SW	Temp.	70 °F	*0700 LT 29 JAN		
Min.	21 °F	Vel.	20 m.p.h.	Read.	29.03 in.			
Set	25 °F	Char.	STEADY	Corr.	28.91 in.			
R.H.	48 %	24 hr. Mov.	100 mi.	Sea L.	30.35 in.	0700	1300	1900
Clds.	10/10 SC	Clds.	10/10 ST	Clds.	5/10 AS			
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	-0.5 mb	Wx	Wx	Wx
						Haze	OCNL Flurry	Calm
Ppn.	T in.	Snow Depth	T in.	Observer	SWH	Vis.	Vis.	Vis.
						15 mi.	25 mi.	15 mi.

T 24

T<sub>Peru</sub> 25/8

To 8

HDD 41

ΣHDD 1164

T<sub>ONU</sub> 25/9

ΣPCN<sub>L</sub> 6.61"

ΣPCN<sub>S</sub> 38.0"

Tuesday, January 30, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	35 °F	Dir.	W	Temp.	69 °F	*Overnight low = 32 S - 0735 - 0845 LT		
Min.	25 °F	Vel.	10 m.p.h.	Read.	28.86 in.			
Set	32 °F	Char.	Steady	Corr.	28.74 in.			
R.H.	37 %	24 hr. Mov.	135 mi.	Sea L.	30.15 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	0.0 mb	Clds.	Clds.	Clds.
						5 to AS	10 cirrus 10 cir str.	10 LS
Ppn.	T in.	Snow Depth	T in.	Observer	GHB	Wx	Wx	Wx
						calm	Breezy	Mist ONLY VISIBLE
						Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

$$\bar{T} = 30$$

$$HDD = 35$$

$$\Sigma HDD = 1199$$

$$\Sigma PCN_L = 6.61''$$

$$\Sigma PCN_S = 38.0''$$

$$T_{RAMOS} = 34/6$$

$$T_{UNV} = 29/8$$

$$T_D = 9$$

WEDNESDAY, JANUARY 31, 1976

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F		Dir. N-W	Temp. 68 °F	5- 2100LT - 0600LT		
Min. 16 °F		Vel. 46/6 m.p.h.	Read. 28.71 in.	* 2ND SNOWIEST JANUARY		
Set 16 °F		Char. VARIABLE	Corr. 28.59 in.	5TH SNOWIEST MONTH ON RECORD		
				** 3RD WETTEST JANUARY		
				0700	1300	1900
R.H. 67 %		24 hr. Mov. M mi.	Sea L. 30.05 in.	Clds. Ac St 9/10 cu	Clds. 5/10 cu	Clds. 9/10
Ppn. Liq. 0.08 in.		Prev. Dir. M	3 hr. Tend. +1.3 ✓ mb	Wx Nippy SW to SSW and SE	Wx BORA COLD	Wx Crisp
Ppn. Sol. 3.0 in.		Snow Depth 3 in.	Observer DDS	Vis. 17 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 26$

H00-39

$\Sigma H00 = 1238$

$\Sigma PCN_2 = 6.69'' \times$

$\Sigma PCN_3 = 41.0'' \times$

TRAMS - M/M

TUNV - 16/7

T<sub>d</sub> - 7

$\bar{T}_{JW} = 24.81$