

$\Sigma HDD = 54$

$\Sigma HDD = 54$

$\Sigma PCN_L = T$

$\Sigma PCN_S = T$

$T_{RAMOS} = M/M$

$T_{UNV} = Z/-4$

$T_D = -4$

Friday February 2, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp.	5 - 1633		
21	°F		W	69			
Min.			Vel.	Read.			
2	°F		10 m.p.h.	29.02 in.			
Set			Char.	Corr.	0700	1800	1900
16	°F		Steady	28.90 in.			
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
80	%		63 mi.	30.38 in.	10/10 st Cu, As	19/10 CS	Obs.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T	in.	M	+21 mb	Cold + Crisp	Cold	S	
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T	in.	2 in.	JCW	7 mi.	25 mi.	1/2 mi.	

$$\bar{T} = 12$$

$$HDD = 53$$

$$\Sigma HDD = 107$$

$$\Sigma PCN_L = T$$

$$\Sigma PCN_S = T$$

$$T_{\text{ramo}} = 13/4$$

$$T_{UNV} = 15/5$$

$$T_D = 5$$

SATURDAY, FEBRUARY 3, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 16 °F	Dir. N	Temp. 68 °F	S-1/5 1800LT - 2300LT			
Min. 6 °F	Vel. 8 m.p.h.	Read. 28.96 in.				
Set 6 °F	Char. CALM AT TIMES	Corr. 28.84 in.	0700	1300	1900	
R.H. 52 %	24 hr. Mov. 71.2 mi.	Sea L. 30.34 in.	Clds. Ci CC 8/10 Ac Contrails	Clds.	Clds. 4/10 CS CE	
Ppn. Liq. 0.12 in.	Prev. Dir. W	3 hr. Tend. +0.4 ✓ mb	Wx Nippy	Wx	Wx Still, 6019 Smiley	
Ppn. Sol. 2.4 in.	Snow Depth 3 in.	Observer DOS	Vis. 25 mi.	Vis. mi.	Vis. 15 mi.	

F-11

H00-54

ΣH00-161

ΣPCN_L - 0.12"

ΣPCN_S - 2.4"

T_{UNN} - 4/-6
ZAMOS

T_{UNN} - 5/-10

T_D - -8

Sunday 04 FEBRUARY 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	14 °F	Dir.	-	Temp.	70 °F	* 0700 1300 1900			
Min.	-2 °F	Vel.	CALM in.p.h.	Read.	29.11 in.	* 0700 1300 1900			
Set	-2 °F	Char.	CALM	Corr.	28.99 in.	* 0700 1300 1900			
R.H.	75 %	24 hr. Mov.	17.7 mi.	Sea L.	30.53 in.	Clds.	1/10 Si	Clds.	Clear
Ppn.	0 in.	Prev. Dir.	WSE	3 hr. Tend.	+1.5 mb	Wx	EXYMC 49 COLD	Wx	MOONSET COLD!!
Ppn.	0 in.	Snow Depth	3 in.	Observer	SWH	Vis.	25 mi.	Vis.	25 mi.

$$\bar{T} = 6$$

$$HDD = 59$$

$$\Sigma HDD = 220$$

$$\Sigma PCM = 0.12$$

$$\Sigma PWS = 2.4''$$

$$Tramos 0/-8 \quad T_1 - 8$$

$$T_{uv} - 2/-9$$

MONDAY 05 February 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	14 °F	Dir.	SW	Temp.	69 °F	* ice crystals @ 430 Am at weather station		
Min.	-4 °F	Vel.	4 m.p.h.	Read.	29.23 in.			
Set	1 °F	Char.	STEADY	Corr.	29.08 in.			
R.H.	69 %	24 hr. Mov.	79 mi.	Sea L.	30.61 in.	0700	1000	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	0.0 mb	Clds.	Clds.	Clds.
						CLEAR	8/10 As	9/10
						Wx	Wx	Wx
						very COLD	Th. n clds, Some Sun	Chilly
Ppn.	T in.	Snow Depth	3 in.	Observer	SWH	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

$\bar{T} = 5$

HDD: 60

ΣHDD 280

ΣPCN_2 0.12"

ΣPCN_3 2.4"

Tramos 0/-8 $T_d = -8$
 T_{und} -1/-8

Batters: $-25^{\circ}F$ @ 3Am
(measured)

Tuesday, February 6, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 16 °F	Dir. WSW	Temp. 70 °F	* Overnight Low = 14				
Min. * -2 °F	Vel. 10 m.p.h.	Read. 29.22 in.					
Set 14 °F	Char. Steady	Corr. 29.10 in.					
R.H. 72 %	24 hr. Mov. 132 mi.	Sea L. 30.58 in.	0700	Hts 1300	1900		
Ppn. T in.	Prev. Dir.	3 hr. Tend. +2.8/mb	Clds. 3/10 Sc	Clds. 5/10 Cirrus	Clds. 3/10 Ci		
Ppn. T in.	Snow Depth 2 in.	Observer GHB	Wx Chilly	Wx Cold	Wx Continued Cool		
			Vis. 15 mi.	Vis. 15 mi.	Vis. 15 mi.		

$$\bar{T} = 7$$

$$T_{RANOS} = 12/3$$

$$T_D = 7$$

$$HDD = 58$$

$$T_{UNV} = 13/5$$

$$\Sigma HDD = 398$$

$$\Sigma PCN_L = 0.12''$$

$$\Sigma PCN_S = 2.4''$$

WEDNESDAY, FEBRUARY 7, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	27 °F	Dir.	SW	Temp.	71 °F	* OVERNIGHT LOW - 17 OCNL SW - 0900 - 1100 LT		
Min.	14 * °F	Vel.	7 m.p.h.	Read.	29.08 in.			
Set	23 °F	Char.	CONSTANT	Corr.	28.96 in.	0700	1800	1900
R.H.	48 %	24 hr. Mov.	55 mi.	Sea L.	30.41 in.	Clds. Ci Cc 7/10 CONTAINS AL	Clds. Cs Ci 5/10	Clds. 10/10 NS
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	-0.7 ^ mb	Wx HAZY MOON	Wx HAZY CLOUDS INCR. FR SW.	Wx S-
Ppn.	T in.	Snow Depth	2 in.	Observer	DOS	Vis.	25 mi.	Vis. 15 mi.
						Vis.	3 mi.	

$\bar{T} - 21$

HDD - 44

$\Sigma HDD - 388$

$\Sigma PCN_L - 0.12''$

$\Sigma PCN_S - 2.4''$

$T_{RAMOS} - 21/4$

$T_{UNV} - 22/7$

$T_d - 6$

Thursday, February 8, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F		Dir. Calm	Temp. 69 °F	* Low at 0700 LT 7 Feb. Temp rose slowly overnight. S- 1555 LT - ~1900 LT OCLL 26 - 2200 ~ 0400		
Min. 23* °F		Vel. — m.p.h.	Read. 28.68 in.			
Set 32 °F		Char. —	Corr. 28.56 in.			
				0700	1300	1900
R.H. 89 %		24 hr. Mov. 96 mi.	Sea L. 29.96 in.	Clds. 10 X ST	Clds. 190 ST	Clds. 10 ST
Ppn. T in.	Liq. in.	Prev. Dir. S	3 hr. Tend. -1.21 mb	Wx Fog	Wx Fog	Wx L -
Ppn. T in.	Sol. in.	Snow Depth 2 in.	Observer GHB	Vis. 4 mi.	Vis. 3.5 mi.	Vis. 6.0 mi.

$$\bar{T} = 28$$

$$HDD = 37$$

$$\Sigma HDD = 419$$

$$\Sigma PCN_L = 0.12''$$

$$\Sigma PCN_S = 2.4''$$

$$T_{RANDS} = M/M$$

$$T_D = 29$$

$$T_{UNV} = 32/29$$

Friday February 9, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	45 °F	Dir.	W	Temp.	70 °F	* Low at 0700 LT 8 Feb. Temp Steady overnight. Drizzle and rain thru out day.					
Min.	32 °F	Vel.	12 m.p.h.	Read.	28.55 in.						
Set	37 °F	Char.	Var.	Corr.	28.44 in.						
R.H.	82 %	24 hr. Mov.	119 mi.	Sea L.	29.82 in.	Clds.	10/10 st cw	Clds.	10/10 SC	Clds.	9/10 SC
Ppn.	0.11 in.	Prev. Dir.	SW	3 hr. Tend.	+2.0 mb	Wx	Breezy	Wx	Breezy Mild	Wx	Cool NW Breeze
Ppn.	— in.	Sol.	T in.	Snow Depth	T in.	Observer	JCW	Vis.	17 mi.	Vis.	25 mi.

$$\bar{T} = 39$$

$$HDD = 26$$

$$\Sigma HDD = 445$$

$$\Sigma PCN_L = 0.23''$$

$$\Sigma PCN_S = 2.4''$$

$$T_{\text{ramo}} = M/m$$

$$T_{UNV} = 36/30$$

$$T_D = 32$$

SATURDAY, FEBRUARY 10, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. * 37 °F		Dir. S		Temp. 69 °F	* @ OBS 0700LT 2/9 OCNL SG-SW-1155-1700LT		
Min. 30 °F		Vel. 4 m.p.h.		Read. 28.65 in.			
Set 32 °F		Char. LIGHT		Corr. 28.53 in.			
R.H. 78 %		24 hr. Mov. 155.6 mi.		Sea L. 29.93 in.	0700 Clds. 10/10 St	1300 Clds.	1900 Clds. 10/10 SC
Ppn. T in.	Liq. in.	Prev. Dir. NW		3 hr. Tend. 0.0v mb	Wx RELATIVELY MILD	Wx	Wx CALM MILD
Ppn. T in.	Sol. in.	Snow Depth T in.		Observer OOS	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

F-34

T_{RAMOS} - M/M

T_D - 26

H00-31

T_{UNV} - 32/26

Σ H00 - **496**

Σ PCN_L - 0.23"

Σ PCN_S - 2.4"

SUNDAY 11 February 1976

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	53 °F	Dir.	NW	Temp.	71 °F	* Clouds increasing rapidly		
Min.	32 °F	Vel.	30 @ 42 m.p.h.	Read.	28.50 in.	* 0700 CT 2/10 SW-		
Set	39 °F	Char.	GUSTY	Corr.	28.38 in.	0700	1300	1900
R.H.	68 %	24 hr. Mov.	120 mi.	Sea L.	29.75 in.	Clds. *	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	42.0 ✓ mb	Wx WINDY OVC in west quad.	Wx	Wx WINDY Getting chilly
Ppn.	T in.	Snow Depth	T in.	Observer	SWH	Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

\bar{T} 43

$T_{\text{trans}} \text{ m/m}$

$T_d = 29$

HDD 22

$T_{\text{UV}} = 44/29$

ΣHDD 498

ΣPCR 0.23"

ΣPCMS 2.4"

MONDAY 12 FEBRUARY 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. * 39 °F	Dir. NW	Temp. 70 °F	Read. 28.64 in.	* 0700 LT 411 * 0900-1500 LT FART SW- 1700-1720 LT SW				
Min. 18 °F	Vel. 18 m.p.h.	Char. Gusty	Corr. 28.42 in.					
Set 18 °F	24 hr. Mov. 270 mi.	Sea L. 29.86 in.						
R.H. 64 %	Prev. Dir. W	3 hr. Tend. +1.5 mb	Observer SNH	0700 Clds. 4/10 CU Wx CLEARING WINDY COOL	1100 Clds. CS 3/10 SC Wx WINDY CHILLY	1900 Clds. 9/10 AS Wx COLD!	Vis. 25 mi.	Vis. 25 mi.
Ppn. Liq. 0.02 in.	Snow Depth T in.	Observer SNH	25 mi.	25 mi.	25 mi.			

Temas m/m T_d 8

T 29

T_{uno} 18/8

HOD 36

ΣHOD 534

ΣPCP₂ 0.25'

ΣPCP₃ 2.7''

Tuesday, February 13, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 18* °F	Dir. W	Temp. 72 °F	* H; at 0700 LT 12 Feb 96 JCNL SW - 12 Feb 96 (LT)			
Min. 9 °F	Vel. 20 m.p.h.	Read. 28.76 in.				
Set 11 °F	Char. G 40	Corr. 28.63 in.	0700	1100 1300	1900	
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 3/10 Cu	Clds. 2/10 Cu	Clds. 2/10 Ac	
Ppn. T in.	Liq. — in.	Prev. Dir. —	3 hr. Tend. +1.7 / mb	Wx Windy + Cold	Wx Windy + Frigid	Wx Light Breeze Bright Stars
Ppn. T in.	Sol. — in.	Snow Depth T in.	Observer GHB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 1/4$$

$$T_{RAMOS} = 8/-2$$

$$T_D = -2$$

$$HDD = 51$$

$$T_{UNV} = 10/-3$$

$$\Sigma HDD = 585$$

$$\Sigma PCN_L = 0.25$$

$$\Sigma PCN_S = 2.7$$

WEDNESDAY, FEBRUARY 14, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.					
Max.		22 °F	Dir.	CALM	Temp.	71 °F	* OVERNIGHT LOW - 20 S- ~ 2200 - 0700 LT					
Min.	X	11 °F	Vel.	CALM m.p.h.	Read.	28.20 in.						
Set		20 °F	Char.	CALM	Corr.	28.08 in.	0700	1100 +300	1900			
R.H.		88 %	24 hr. Mov.	M mi.	Sea L.	29.50 in.	Clds.	10/10 Ns	Clds.	7/10 Ns	Clds.	10/10 ST
Ppn.	Liq.	0.11 in.	Prev. Dir.	N	3 hr. Tend.	-1.5 mb	Wx	S-	Wx	windy	Wx	Calm
Ppn.	Sol.	1.7 in.	Snow Depth	2 in.	Observer	005	Vis.	10 mi.	Vis.	10 mi.	Vis.	15 mi.

T-17

HDD-48

EIHD-633

$\Sigma PCN_L - 0.37''$

$\Sigma PCN_S - 4.4''$

TRAMS - 19/16

TUNV - 19/15

Td-16

Thursday, February 15, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. Calm	Temp. 71 °F	*Overnight Low = 25 S- 0700-1025 LT ocnl SW after 1030 LT		
Min.	20* °F	Vel. — m.p.h.	Read. 28.48 in.			
Set	25 °F	Char. —	Corr. 28.36 in.	0700	1400	1900
R.H.	87 %	24 hr. Mov. M mi.	Sea L. 29.77 in.	Clds. 10/10 ST	Clds. 10/10 SK	Clds. 5/10 CU
Ppn.	0.04 in.	Prev. Dir. M	3 hr. Tend. +1.3/ mb	Wx Dull	Wx Drab	Wx Calm + dark
Ppn.	0.6 in.	Snow Depth 2 in.	Observer GHB	Vis. 15 mi.	Vis. 20 mi.	Vis. ~10 mi.

$$\bar{T} = 28$$

$$HDD = 37$$

$$\Sigma HDD = 670$$

$$\Sigma PCN_L = 0.40$$

$$\Sigma PCN_S = 5.0$$

$$T_{RAMOS} = 23/19$$

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

$$T_0 = 21$$

Friday February 16, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. N	Temp. 70 °F	OCCL SW - MUCH OF DAY		
Min.	18 °F	Vel. 8 m.p.h.	Read. 28.76 in.			
Set	20 °F	Char. Steady	Corr. 28.64 in.	0700	1588	1900
R.H.	70 %	24 hr. Mov. M mi.	Sea L. 30.08 in.	Clds. 1/10 St	Clds. 10/10 Cs	Clds. 8/10 Cs
Ppn.	Liq. T in.	Prev. Dir. M	3 hr. Tend. +1.07 mb	Wx Fog	Wx Calm CO ₂	Wx Brisk
Ppn.	Sol. T in.	Snow Depth .1 in.	Observer SCW	Vis. 4 mi.	Vis. 20 mi.	Vis. 20 mi.

$$\bar{T} = 25$$

$$\Sigma HDD = 40$$

$$\Sigma HDD = 710$$

$$\Sigma PCN_L = 0.40''$$

$$\Sigma PCN_S = 5.0''$$

$$T_{camcs} = 19/13$$

$$T_{UNV} = 19/12 \quad T_D = 12$$

SATURDAY, FEBRUARY 17, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. WNW-N	Temp. 70 °F			
Min.	11 °F	Vel. 6 m.p.h.	Read. 28.56 in.			
Set	13 °F	Char. LIGHT VARIABLE	Corr. 28.44 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov. M mi.	Sea L. 29.90 in.	Clds. 9/10 SC	Clds.	Clds. CLEAR
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. -0.2 mb	Wx COLD Sunrise	Wx	Wx COLD DEEZY
Ppn.	0 in.	Snow Depth 1 in.	Observer DOS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T-19

HON-46

ΣHON-762

ΣPCN_c - 0.40"

ΣPCN_s - 5.0"

Trans - M/M

TUNV - 12/3

Td-3

SUNDAY 12 FEBRUARY 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	25 °F	Dir. NNW	Temp. 70 °F	* TEMP @ 0700 LT 17 FEB 96 A OVERNIGHT LOW PB		
Min. **	13 °F	Vel. 20 m.p.h.	Read. 29.56 in.	0900 LT OCC SW - 0200 LT 18 FEB 96 SW -		
Set	18 °F	Char. Steady	Corr. 29.44 in.	0700	1300	1900
R.H.	55 %	24 hr. Mov. M mi.	Sea L. 29.87 in.	Clds. 3/10 SC	Clds.	Clds. Clear
Ppn. Liq.	T in.	Prev. Dir. M	3 hr. Tend. 43.01 mb	Wx COLD START	Wx	Wx CRISP
Ppn. Sol.	T in.	Snow Depth 1 in.	Observer SNTB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

\bar{T} 19

HOD 46

Σ HOD 802

Σ PCN₂ 0.40"

Σ PCN₅ 5.0"

λ ramos m/m

T_{env} 17/5

$\bar{T}_d = 5$

$$\bar{T} = 19$$

$$HOD = 46$$

$$\Sigma HOD = 198$$

$$\Sigma PCN_u = 0.40''$$

$$\Sigma PCN_s = 5.0''$$

$$Kranis \ 17/4 \quad T_D = 4$$
$$T_{ENV} \ 16/4$$

Tuesday, February 20, 1976
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. *	40 °F	Dir.	N	Temp.	71 °F	*H; at 0700 LT 20 Feb. **L at 0700 LT 19 Feb. Temp rose overnight S - 1200-1730 LT		
Min. **	17 °F	Vel.	4 m.p.h.	Read.	28.96 in.			
Set	40 °F	Char.	Light	Corr.	28.84 in.			
R.H.	93 %	24 hr. Mov.	M mi.	Sea L.	30.23 in.	0700	1300	1900
Ppn.	0.02 in.	Prev. Dir.	M	3 hr. Tend.	+0.3 mb	Clds. 10/10 ST	Clds. 10/10 ST NI	Clds. 10/10 NS
Ppn.	T in.	Snow Depth	T in.	Observer	GHB	Wx Drizzle, Fog	Wx R - Fog	Wx R -
				Observer	GHB	Vis. 4 mi.	Vis. 3 mi.	Vis. 7 mi.

$$\bar{T} = 29$$

$$HDD = 36$$

$$\Sigma HDD = 814$$

$$\Sigma PCN_L = 0.42''$$

$$\Sigma PCN_S = 5.0''$$

$$T_{RAMOS} = 39/37$$

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

$$T_w = 39$$

$$T_o = 38$$

WEDNESDAY, FEBRUARY 21, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	45 °F	Dir.	CALM	Temp.	L- 0700-0800LT		
				72 °F	R- 0800-2230LT		
Min.	37 °F	Vel.	CALM m.p.h.	Read.	OCLL L- 2230-0600LT		
				28.85 in.			
Set	39 °F	Char.	CALM	Corr.			
				28.72 in.			
R.H.	93 %	24 hr. Mov.	M mi.	Sea L.	0700	1100 1500	1900
				30.11 in.	Clds.	Clds.	Clds.
					10/10 ST	10/10 SC	10/10 ST
Ppn.	0.80 in.	Prev. Dir.	M	3 hr. Tend.	Wx	Wx	Wx
				+1.1 / mb	FOG	FOG	Fog, MUGGY
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				DOS	2 mi.	3 mi.	2 mi.

F-41

HDD-24

$\Sigma HDD - 908$

$\Sigma PCN_L - 1.22''$

$\Sigma PCN_S - 5.0''$

TRANS - 36/36

Tuvv - 39/36

Tw - 36

Tj - 37

Thursday, February 22, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.						
Max.	49 °F	Dir.	Calm		Temp.	72 °F							
Min.	38 °F	Vel.	— m.p.h.		Read.	28.83 in.							
Set	39 °F	Char.	—		Corr.	28.70 in.		0700	1300	1900			
R.H.	100 %	24 hr. Mov.	M mi.		Sea L.	30.08 in.		Clds.	X	Clds.	X	Clds.	80 ft 10 Co
Ppn.	T in.	Liq.	Prev. Dir.	M	3 hr. Tend.	+0.5 ✓ mb		Wx	Dense Fog	Wx	Fog Light Drizzle	Wx	Fog Calm
Ppn.	0 in.	Sol.	Snow Depth	0 in.	Observer	GHB		Vis.	1/8 mi.	Vis.	1/2 mi.	Vis.	1.5 mi.

$$\bar{T} = 44$$

$$T_{\text{RAMOS}} = 39/39$$

$$T_w = 39$$

$$HDD = 21$$

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

$$T_D = 39$$

$$\Sigma HDD = 929$$

$$\Sigma PCN_L = 1.22''$$

$$\Sigma PCN_S = 5.0''$$

Friday February 23, 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	48 °F		Dir.	CALM		Temp.	73 °F		
Min.	38 °F		Vel.	— m.p.h.		Read.	28.70 in.		
Set	38 °F		Char.	—		Corr.	28.67 in.		
R.H.	100 %		24 hr. Mov.	M mi.		Sea L.	30.07 in.		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.		Wx	0 — mb			
	7 in.	M	Dense Fog						
Ppn.	Sol.	Snow Depth	Observer		Vis.	1/4 mi.			
	0 in.	0 in.	JCW			3 mi.			
						10 mi.			

$$\bar{T} = 43$$

$$T_{\text{ramos}} = 38/37$$

$$T_w = 39$$

$$HDD = 22$$

$$T_{\text{onv}} = 38/36$$

$$T_D = 39$$

$$\Sigma HDD = 957$$

$$\Sigma PCN_L = 1.22''$$

$$\Sigma PCN_S = 5.0''$$

SATURDAY, FEBRUARY 24, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. WNW-N	Temp. 73 °F	*OVERNIGHT LOW -45 L- 2100-2230LT RW-1RW 2230-0300LT TRW 0200-0230LT LGTCLLG FROPA ~ 0300LT WINDS ~ 20G35			
Min. * 38 °F	Vel. 20G35 m.p.h.	Read. 28.47 in.				
Set 45 °F	Char. VARIABLE	Corr. 28.34 in.	0700	1300	1900	
R.H. 58 %	24 hr. Mov. M mi.	Sea L. 29.69 in.	Clds. SC 5/10 CU	Clds.	Clds. CLEAR	
Ppn. Liq. 0.21 in.	Prev. Dir. M	3 hr. Tend. +3.3 ✓ mb	Wx WINDY SUNRISE	Wx	Wx WINDY MILD	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer OOS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

T-44

H00-21

ΣH00-978

ΣPCN_c - 1.43"

ΣPCN_s - 5.0"

T_{RAMOS} - 44/27

T_{UNV} - 44/31

T_w - 39

T_d - 31

$\bar{F} = 46$

$HDO = 19$

$\Sigma HDO = 999$

$\Sigma PCNS = 1.43''$

$\Sigma PCNS = 5.0''$

$T_{\text{trans}} = 43/23$

$T_w = 37$

$T_{\text{nu}} = 42/23$

$T_d = 26$

MONDAY 26 February 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		Dir.			Temp.				
60	°F	W			73	°F			
Min.		Vel.			Read.				
35	°F	8	m.p.h.		28.78	in.			
Set		Char.			Corr.				
39	°F	STEADY			28.65	in.	0700	1800	1900
R.H.		24 hr. Mov.			Sea L.		Clds.	Clds.	Clds.
50	%	212	mi.		30.03	in.	19/10 Cs	19/10 As	19/10 As
Ppn.	Liq.	Prev. Dir.			3 hr. Tend.		Wx	Wx	Wx
0	in.	WNW			STEADY mb		Calm	Cloudy Mild	Calm
Ppn.	Sol.	Snow Depth			Observer		Vis.	Vis.	Vis.
0	in.	0	in.		SNH		25	25	20
							mi.	mi.	mi.

$$\bar{T} = 48$$

$$H_{00} = 17$$

$$\sum H_{00} = 1000$$

$$\sum PCP_1 = 1.43''$$

$$\sum PCP_2 = 5.0''$$

$$T_{ramos} = 42/25$$

$$T_{unu} = 41/23$$

$$T_{\omega} = 30$$

$$T_{\sigma} = 22$$

Tuesday, February 27, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	54 °F		Dir.	NE		Temp.	72 °F		
Min.	37 °F		Vel.	4 m.p.h.		Read.	28.83 in.		
Set	37 °F		Char.	Light		Corr.	28.70 in.		
R.H.	56 %		24 hr. Mov.	9 mi.		Sea L.	30.09 in.		
Ppn.	Liq.	0 in.	Prev. Dir.	NE		3 hr. Tend.	+0.8 mb		
Ppn.	Sol.	0 in.	Snow Depth	0 in.		Observer	GHB		
						0700	1100 1300	1900	
						Clds.	10 St		
						Clds.	10 St w/wavy		
						Clds.	10/10 St		
						Wx	Cool, Calm		
						Wx	Calm		
						Wx	Calm Haze		
						Vis.	25 mi.		
						Vis.	25 mi.		
						Vis.	10 mi.		

$$\bar{T} = 46$$

$$HDD = 19$$

$$\Sigma HDD = 1023$$

$$\Sigma PCN_L = 1.43''$$

$$\Sigma PCN_S = 5.0''$$

$$TRAMOS = 37/21$$

$$T_{UNV} = 34/20$$

$$T_D = 22$$

WEDNESDAY, FEBRUARY 28, 1996

Meteorological Observatory
University Park, PA

Temp.			Wind		0700 EST		Barom.			General Obs.					
Max.	*	50 °F	Dir.	WNW	Temp.	74 °F				* DAYTIME HIGH - 44					
Min.	*	37 °F	Vel.	12 m.p.h.	Read.	28.38 in.				* OVERNIGHT LOW - 42					
Set		50 °F	Char.	G18	Corr.	28.25 in.				RW - 1115 LT					
R.H.		80 %	24 hr. Mov.	30.7 mi.	Sea L.	29.59 in.				FRGT RW - 1320-1545 LT					
Ppn.	Liq.	0.53 in.	Prev. Dir.	SW	3 hr. Tend.	+1.1 / mb				TRW/RW - 0000-0600 LT					
Ppn.	Sol.	0 in.	Snow Depth	0 in.	Observer	005									
							0700			1000			1900		
							Clds. Cu 7/10 cc Contrails			Clds. Cu 8/10 sc			Clds. St 1/4 St 10 Sc		
							Wx Mild			Wx Windy cloud over			Wx Light Snow Windy		
							Vis. 25 mi.			Vis. 20 mi.			Vis. 8 mi.		

F-44

H00-21

Σ H00-1048

Σ PLN-1.96"

Σ PLN_s-5.0"

TRANS- 49/43

TUVV- 49/43

T_w-47

T_d-44

THURSDAY, FEBRUARY 29, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. W	Temp. 72 °F	OCNL SW - 1900 - 0700LT ASAK GUST 48 @ 1445 LT			
Min. 17 °F	Vel. 18 m.p.h.	Read. 28.82 in.				
Set 17 °F	Char. OCNLGUSTS	Corr. 28.69 in.	0700	1400	1900	
R.H. 61 %	24 hr. Mov. 319 mi.	Sea L. 30.14 in.	Clds. 5/10 SC	Clds. 9/10 SC	Clds. 2/10 cum	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +1.7 mb	Wx SW - WINDY	Wx Chilly	Wx Cold	
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer GHB	Vis. 4 mi.	Vis. 12 to E 25 to S mi.	Vis. 25 mi.	

$$\bar{T} = 34$$

$$HDD = 31$$

$$\Sigma HDD = 1079$$

$$\Sigma PCN_2 = 1.96''$$

$$\Sigma PCN_5 = 5.1''$$

$$T_{RAMS} = 15/6$$

$$T_{UNV} = 19/9$$

$$T_0 = 6$$

$$\bar{T}_{FEB} = 27.53$$