

Wednesday 1 JANUARY 1997 0700 EST

Meteorological Observ.
University Park, PA

General Obs.

INTERMITTENT DRIZZLE 0700-1000 LT (3:57)

Temp.		Wind		Barom.			
Max.	42 °F	Dir.	-	Temp.	70 °F		
Min.	16 °F	Vel.	0 m.p.h.	Read.	29.12 in.		
Set	18 °F	Char.	CALM	Corr.	29.01 in.	0700	1300
R.H.	85 %	24 hr. Mov.	25 mi.	Sea L.	30.44 in.	Clds.	Clds.
Ppn.	7 in.	Prev. Dir.	N	3 hr. Tend.	-1.01 mb	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	FJG	Vis.	Vis.
						15 mi.	10 mi.
							15 mi.

0700 Clds. 10/10 SC
Wx CLOUDY
FACETS
Vis. - OB. FOGGYS

1300 Clds. 10/10 SC
Wx CLOUDY
SOLO
Vis.

1900 Clds. 10/10 SC
Wx CLOUDY
SOLO
Vis.

$$H_{00} = 36$$

$$\sum H_{00} = 36$$

$$\sum PCL = \text{Trace}$$

$$\sum PCL_s = 0$$

$$T_{\text{ramos}} = 15/8$$

$$T_{\text{UNV}} = 16/14$$

$$T_d = 12$$

THURSDAY 02 JANUARY 1994

0700 EST
 Meteorology
 University Park, PA
 General Obs.

Temp.		Wind		Barom.		-F2D2 ~1400-1700		
Max.	32 °F	Dir.	W	Temp.	70 °F	*TEMP ROSE DUNT FROM ~20° AT 00Z		
Min.	17 °F	Vel.	9 m.p.h.	Read.	28.66 in.			
Set	32 °F	Char.	STEADY	Corr.	28.54 in.	0700	1300	1900
R.H.	92 %	24 hr. Mov.	48 mi.	Sea L.	29.94 in.	Clds.	Clds.	Clds.
Ppn.	0.06 in.	Prev. Dir.	S	3 hr. Tend.	0.5 mb	10% SE	10% SE	10% SE
Ppn	0 in.	Snow Depth	0 in.	Observer	SNH	Wx	Wx	Wx
						sky fog	MURKY	-02
						franchises		
						Vis.	Vis.	Vis.
						1 mi.	7 mi.	mi.

HDO 40

ΣHDO 76

ΣPCN₂ 0.06

ΣPCN₃ 0.0

T_{ONU} 34/32

T_{RAMOS} 32/30

T₂ 31

FRIDAY 03 January 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. * 58 °F	Dir. W	Temp. 71 °F				0915 → Occl -02 RECORD HIGH TEMP 040 55F in 1950 *TEMP ROSE FROM LAST OBS. @ 12 ³⁰		
Min. * 32 °F	Vel. 19 m.p.h.	Read. 28.48 in.						
Set 56 °F	Char. STEADY	Corr. 28.36 in.			0700	1300	1900	
R.H. 80 %	24 hr. Mov. 92 mi.	Sea L. 29.68 in.			Clds. SC 10/10 BKN	Clds. CU 8/10 SC	Clds. SC 10/10 BKN	
Ppn. Liq. T in.	Prev. Dir. SSW	3 hr. Tend. 10.0 mb			Wx BREEZY WARM	Wx WARM	Wx HAZY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH			Vis. 10 mi.	Vis. 20 mi.	Vis. 15 mi.	

\bar{T} 45

HDD 20

Σ HDD 96

Σ PCN₂ 0.06

Σ PCN₅ 0.0

T_{UNO} 56/51

T_{RAMOS} 54/48

T_w = 54

T_d = 50

SATURDAY 04 JANUARY 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.					
Max.	59	°F	Dir.	-	Temp.	70	°F	-DZ OBSERVED 1045CT				
Min.	70	°F	Vel.	0 m.p.h.	Read.	28.71	in.					
Set	49	°F	Char.	ST11	Corr.	28.59	in.	0700	1300	1900		
R.H.	90	%	24 hr. Mov.	65 mi.	Sea L.	29.94	in.	Clds.	ST	Clds.	ST	
Ppn.	T	in.	Prev. Dir.	WSW	3 hr. Tend.	40.05	mb	Wx	Fog mild	Wx	HAZY	
Ppn.	0.0	in.	Snow Depth	0	in.	Observer	SNH	Vis.	4	mi.	20	mi.
								Vis.	15	mi.		

\bar{T} 54

HDD 11

Σ HDD 107

Σ PCN₂ 0.06

Σ PCN₅ 0.0

Tramos 48/46

Tonu 48/46

T_w 49

T_o 46

SUNDAY 05 JANUARY 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 59 °F	Dir. SW	Temp. 70 °F	* RECORD MAX TEMP 59°F OLD RECORD 58 IN 1993					
Min. 48 °F	Vel. 9 m.p.h.	Read. 28.33 in.	* RECORD MAX-MIN, 48°F OLD 43 SET 1950					
Set 49 °F	Char. STEADY	Corr. 28.21 in.	0700	1300	1900			
R.H. 85 %	24 hr. Mov. 31 mi.	Sea L. 29.55 in.	Clds. SC 10/10 NS	Clds.	Clds. 1/10 CU			
Ppn. Liq. 0.00 in.	Prev. Dir. SSE	3 hr. Tend. -3.5 mb	Wx (SPRINK) EGGREE!!	Wx	Wx	WINDY		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SNA	Vis. VARIAB 5-10 mi.	Vis.	mi. 25 mi.			

T 54

T_{mu} 50/48

T_o 45

H₀₀ 11

T_{ramos} 48/44

ΣH₀₀ 118

ΣPCN₂ 0.06

ΣPCN₂ 0.0

Monday 06 January 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. W	Temp. 70 °F	0745 ~ 1430 LT ORCL - SARA ~ 1430 COLD FRONT			
Min. 34 °F	Vel. 15 m.p.h.	Read. 28.54 in.				
Set 34 °F	Char. GUSTY	Corr. 28.42 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. 249 mi.	Sea L. 29.80 in.	Clds. 5/10 SC	Clds.	Clds. 5/10 CU	
Ppn. 0.02 in.	Liq. Prev. Dir. SW	3 hr. Tend. 11.51 mb	Wx BRISK	Wx	Wx WINDY	
Ppn. 0.0 in.	Sol. Snow Depth 0 in.	Observer SNH	Vis. 25 mi.	Vis.	Vis. 25 mi.	

T 47

HOD 18

ΣHOD 136

ΣPCN₁ 0.08

ΣPCN₂ 0.0

Tramos 31/30

Tuvu 36/25

T₀ 27

F 29

HOD 36

ΣHOD 172

ΣPCN₂ 0.08

ΣPCN₃ T

Trans 18/6

Tunu 22/10

To do

WEDNESDAY 08 January 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	28 °F	Dir. WNW	Temp. 70 °F	0700 → OCC1 - SASSN 1800 → 1900 MOD. SQWELL		
Min.	20 °F	Vel. 10 m.p.h.	Read. 29.00 in.			
Set	20 °F	Char. STEADY	Corr. 28.88 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. 216 mi.	Sea L. 30.33 in.	Clds. SC 3/10	Clds. CC 2/10 (W HAZE)	Clds. CLR
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.0 mb	Wx COLD	Wx CRISP	Wx B/111
Ppn.	Sol. 0.1 in.	Snow Depth T in.	Observer S04	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 24$

HAD 41

ΣHAD 213

ΣPCN_2 0.08

ΣPCN_3 0.1

T_{frames} 19/6

T_{UNU} 19/12

T_D 10

THURSDAY 09 January 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	33 °F	Dir.	-	Temp.	* Overcast low 22°F			
Min.	20* °F	Vel.	0 m.p.h.	Read.				68 °F
Set	22 °F	Char.	Calm	Corr.				28.80 in.
					0700	1300	1900	
R.H.	75 %	24 hr. Mov.	87 mi.	Sea L.	Clds.	Clds.	Clds.	
				30.12 in.	4/10 SC	10/10 NS	10/10 NS	
Ppn.	0 in.	Prev. Dir.	NW	3 hr. Tend.	Wx	Wx	Wx	
				-3.0 mb	RAIN	-SN	-SHSN	
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.	
				SNH	25 mi.	3/4 (INCA) mi.	15 mi.	

\bar{f} 27

Tramos 21/9

Ta 15

HDD 38

Tuna 21/15

ΣHDD 251

ΣPCN_2 0.08

ΣPCN_3 0.1

FRIDAY 10 JANUARY 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	30 °F	Dir. W	Temp. 69 °F	0815-1340 - SN OCCUR 4/3 1340-1630 - F/-SN		
Min.	20 °F	Vel. 20 m.p.h.	Read. 28.14 in.	1300 LT GAUGE 2.1" 1515 LT GAUGE 0.04" Emp. 0.27" Lip SWG 0.21" 3.2" SOI E SOI 3.6"		
Set	28 °F	Char. STEADY	Corr. 28.03 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. 71 mi.	Sea L. 29.42 in.	Clds. NS 10/10 SC	Clds.	Clds. NS 10/10
Ppn.	0.36 in.	Prev. Dir. S	3 hr. Tend. 10.5 mb	Wx -SHSN BS	Wx	Wx -SHSN BS
Ppn.	4.2 in.	Snow Depth 4 in.	Observer SNH	Vis. 5 mi.	Vis.	Vis. 2 mi.

T 25

HDD 40

ΣHDD 291

ΣPCN₂ 0.44

ΣPCN₅ 4.3

T_{UNN} 25/21
T_{RAMOS} 25/14

T₀ 21

GENERAL OBS.

* KOUERNIGAT LOW 24

* RECORD SNOWFALL FOR DATA

OLD RECORD 3.8" IN 1977

Saturday January 11, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		°F	Dir.		Temp.		0700 LT = 50 kt wind gust Freg. - SHSN & BNSN All day		
33			WSW		69	°F			
Min.		°F	Vel.		Read.				
10			20 @ 26 m.p.h.		28.46	in.			
Set		°F	Char. Blustery & Biting		Corr.		0700	1300	1900
11					28.34	in.			
R.H.		%	24 hr. Mov.		Sea L.		Clds. Cu c:	Clds.	Clds. Ci
70			232 mi.		29.79	in.	3/10		4/10 Cu
Ppn.	Liq.	in.	Prev. Dir.		3 hr. Tend.		Wx Biting	Wx	Wx Blustery & Cold
T			SW		+3.3 / mb		Cold		
Ppn.	Sol.	in.	Snow Depth		Observer		Vis.	Vis.	Vis.
T			4 in.		SAG		20 mi.		20 mi.

$\bar{T} = 22$
HDD = 43
 $\Sigma HDD = 334$
 $\Sigma PCN_2 = 0.44''$
 $\Sigma PCN_3 = 4.3''$

$T_{UNV} = 11/3$
 $T_{AMES} = 3/-1$

$T_d = 3$

Sunday January 12, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	18 °F	Dir.	SW	Temp.	OCCL - SHSN ALL DAY		
Min.	9 °F	Vel.	10 m.p.h.	Read.			
Set	11 °F	Char.	Biting Cold	Corr.	0700	1300	1900
R.H.	70 %	24 hr. Mov.	201 mi.	Sea L.	Clds. 10/10 As	Clds.	Clds. 6/10 St
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	Wx Brisk & Cold	Wx	Wx CHILLY
Ppn.	T in.	Snow Depth	3 in.	Observer	Vis. 20 mi.	Vis.	Vis. 25 mi.

$$\overline{T} = 14$$

$$HDD = 51$$

$$\Sigma HDD = 385$$

$$\Sigma PCN_2 = 0.44''$$

$$\Sigma PCN_3 = 4.3''$$

$$T_{UNV} = 11/3$$

$$T_{Ramos} = 8/0$$

$$T_d = 3$$

MONDAY 13 January 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	17 °F	Dir.	W	Temp.	68 °F			
Min.	8 °F	Vel.	10 m.p.h.	Read.	29.18 in.			
Set	8 °F	Char.	STEADY	Corr.	29.07 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov.	180 mi.	Sea L.	30.57 in.	Clds.	CC 5/10 AS	Clds. AS 7/10 SC
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	12.01 mb	Wx	BLASTY	BLUSTERY
Ppn.	0 in.	Snow Depth	3 in.	Observer	SNH	Vis.	20 mi.	25 mi.
						Vis.	25 mi.	15 mi.

$\bar{T} = 13$
H00 52

Tramos 4/-5
Tuvu 8/-1

$T_0 - 1$

$\Sigma H00$ 437

ΣPCN_1 0.44

ΣPCN_2 4.3

TUESDAY 14 January 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	20 °F	Dir. W	Temp. 70 °F	OCCL - SHSN All day DWT LOW 11		
Min.	6* °F	Vel. 10 m.p.h.	Read. 29.19 in.			
Set	13 °F	Char. STEADY	Corr. 29.07 in.	0700	1300	1900
R.H.	73 %	24 hr. Mov. 177 mi.	Sea L. 30.55 in.	Clds. 5/10 ST	Clds. 0/10	Clds. 0/10
Ppn.	Liq. 1 in.	Prev. Dir. W	3 hr. Tend. STEADY mb	Wx COLD	Wx BRIGHT AND BITTER	Wx Moonlit & Cold
Ppn.	Sol. 1 in.	Snow Depth 3 in.	Observer SNH	Vis. 15 mi.	Vis. 20 mi.	Vis. 20 mi.

F 13
H00 52

LH00 489

EPEN₂ 0.44

EPEN₅ 4.3

T_{trans} 10/0
T_{env} 13/6

T₀ 5

Wednesday, January 15 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.				
Max.	22 °F		Dir.	-		Temp.	- SHSN 0730 LT - 1010 LT			
Min.	8 °F		Vel.	- m.p.h.		Read.	29.08 in.			
Set	9 °F		Char.	Calm		Corr.	28.96 in.			
R.H.	76 %		24 hr. Mov.	86 mi.		Sea L.	30.45 in.			
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx Picture -	0700		1300	1900
T	in.	W		-0.77 mb		Perfect Sunrise Chilly	Clds. 0/10		Clds. 10/10 LS	Clds. 19/0
Ppn.	Sol.	Snow Depth		Observer		Wx Cold But warming	Wx		Moderating	
T	in.	3 in.		SAG		Vis.	25 mi.		25 mi.	25 mi.

$\bar{T} = 15$
HDD = 50
 $\Sigma HDD = 539$
 $\Sigma PCN_L = 0.44''$
 $\Sigma PCN_S = 4.3''$

$T_{RAMOS} = 10/4$

$T_{UNIV} = 9/3$

$T_d = 3$

THURSDAY 16 January 1977 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	WSW	Temp.	70 °F	* MIN at 0700 LT DONT Low 31 ~0000 LT 0400 LT -2RA - RA changed to -SN Ice Pellets OCCUR SN REPORTED 0100			
Min.	9 * °F	Vel.	10 m.p.h.	Read.	28.27 in.				
Set	35 °F	Char.	STRADY	Corr.	28.16 in.	0700	1300	1900	
R.H.	70 %	24 hr. Mov.	M mi.	Sea L.	29.54 in.	Clds.	10/10 SC	Clds.	SC AS CS
Ppn.	0.11 in.	Prev. Dir.	SSW	3 hr. Tend.	-4.0 mb	Wx	Breezy PSRFR	Wx	BREEZY and Windy + flurries
Ppn.	1.0 in.	Snow Depth	3 in.	Observer	SNH	Vis.	20 mi.	Vis.	20 mi.
								Vis.	3 mi.

T 23

H0042

$\Sigma H00$ 581

ΣPEN_2 0.55

ΣPEN_5 5.3

Tramos 34/20

Toru 34/20

TJ 25

Friday January 17, 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp.	0730 LT - SHRA 0800 LT SHSN 1030 LT 1340-1500 LT - SHSN 1450 LT MAX WIND 57 mph		
37 °F			SW	68 °F			
Min.			Vel.	Read.			
1 °F			14 m.p.h.	28.80 in.			
Set			Char.	Corr.	0700	1300	1900
1 °F			Var	28.68 in.	Clds. As	Clds. $\frac{3}{10}$ SK	Clds. Cu $\frac{4}{10}$
R.H.			24 hr. Mov.	Sea L.	$\frac{1}{10}$		
60 %			320 mi.	30.18 in.	Wx Cold +	Wx Cold, w. d	Wx Blustery
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Windy	-SNH	
	0.04 in.		SW	1.0 mb			
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
	0.4 in.		3 in.	JCW	25 mi.	7 mi.	10 mi.

$$\bar{T} = 19$$

$$HDD = 46$$

$$\Sigma HDD = 627$$

$$\Sigma PCN_2 = 0.59''$$

$$\Sigma PCN_3 = 5.7$$

$$T_{ramos} = 0/-17$$

$$T_{unv} = 1/-90 \quad T_d = -10$$

SATURDAY, 14 JANUARY 1947
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	7 °F	Dir. W	Temp. 70 °F	Max Wind 40 mph @ 0925 LT OCNL -SHSN ALL DAY		
Min.	0 °F	Vel. 5 m.p.h.	Read. 28.67 in.			
Set	2 °F	Char. Gusts to 12	Corr. 28.55 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. 228 mi.	Sea L. 30.04 in.	Clds. As 5/10 Cc	Clds.	Clds. D 10
Ppn.	Liq. T in.	Prev. Dir. WSW	3 hr. Tend. +0.91 mb	Wx Cold colors of Grey and Blue	Wx	Wx Cold + Clear
Ppn.	Sol. T in.	Snow Depth 2 in.	Observer DAS	Vis. 20 mi.	Vis. mi.	Vis. ~15 mi.

F-4

H00-61

ΣH00-688

ΣPCN₁ - 0.59"

ΣPCN₅ - 5.7"

T_{RAMOS} - 0/11

T_{UNV} - 1/4

T₂ - 7

Sunday January 19, 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	11 °F	Dir.	SSW	Temp.	70 °F	~ 1630-1830 LT - SHSN	
Min.	-4 °F	Vel.	6 m.p.h.	Read.	28.95 in.		
Set	0 °F	Char.	Steady	Corr.	28.83 in.	0700	1300
R.H.	60 %	24 hr. Mov.	110 mi.	Sea L.	30.34 in.	Clds. STCU 1/10	Clds. CS 19/10
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	0 mb	Wx clear + cold	Wx Wx NOT as FRIGID BLOWN
Ppn.	T in.	Snow Depth	2 in.	Observer	JCW	Vis.	25 mi.
						Vis.	mi. 20 mi.

$$\bar{T} = 4$$

$$HDD = 61$$

$$\Sigma HDD = 749$$

$$\Sigma PCN_L = 0.59''$$

$$\Sigma PCN_S = 5.7''$$

$$T_{ramo} = 0/-10$$

$$T_{unv} = -2/-11$$

$$\bar{T}_D = -11$$

MONDAY 20 January 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	25 °F	Dir.	WSW	Temp.	70 °F	* GET AFTER 0700-7 1/4 Temp Rose rest of the day			
Min.	-1 °F	Vel.	15 m.p.h.	Read.	28.70 in.				
Set	25 °F	Char.	6084	Corr.	28.58 in.	0700	1300	1900	
R.H.	80 %	24 hr. Mov.	68 mi.	Sea L.	30.01 in.	Clds.	10/10 ST	10/10 SC	10/10 NS
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	-1.5 mb	Wx	Breezy Seasrable	Wx -su / HAZE	Wx -SHSN
Ppn.	0 in.	Snow Depth	2 in.	Observer	SNH	Vis.	20 mi.	Vis.	10 mi.

\bar{f} 12

HDD 53

Σ HDD 802

Σ PCN_L 0.59

Σ PCN_S 5.7

T_{ranos} 23/13

T_{unu} 24/21

T_D 20

TUESDAY 21 January 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	33 °F	Dir.	-	Temp.	70 °F	9840 → ~ 2300 LT cccc -SHSN			
Min.	19 °F	Vel.	- m.p.h.	Read.	29.16 in.				
Set	21 °F	Char.	CALM	Corr.	29.04 in.	0700	1300	1900	
R.H.	77 %	24 hr. Mov.	160 mi.	Sea L.	30.50 in.	Cld.	Cld. few	Cld.	
						CLR	1/10 c.	CLR	
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	+2.51 mb	Wx	Wx	Wx	
						CALM	Warm Sunshine	Calm ^{stagn}	
Ppn.	T in.	Snow Depth	2 in.	Observer	SNH	Vis.	Vis.	Vis.	
						25 mi.	25 mi.	25 mi.	

\bar{T} 26

H00 39

LH00 8/1

~~SAEN~~ 0.59

SAEN₅ 5.7

T₀ 21/15

T₀ 15

T_{ramos} 10/11

Wednesday, January 22, 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	38 °F		Dir.	SSW	Temp.	71 °F	* MM Low 32		
Min.	17 °F		Vel.	10 m.p.h.	Read.	28.88 in.			
Set	35 °F		Char.	Variable	Corr.	28.76 in.	0700	1300	
R.H.	64 %		24 hr. Mov.	60 mi.	Sea L.	30.16 in.	Clds. C: 10/10 st	Clds. NS 10/10 Cu	Clds. 10/10 AS
Ppn.	0 in.		Prev. Dir.	WSW	3 hr. Tend.	-1.2 mb	Wx Crpy, "Mild"	Wx -RA	Wx Tranqula
Ppn.	- in.		Snow Depth	2 in.	Observer	SAG	Vis.	25 mi.	15 mi.
							Vis.	15 mi.	15 mi.

$$\bar{F} = 28$$

$$HDD = 37$$

$$\Sigma HDD = 848$$

$$\Sigma PCN_L = .59''$$

$$\Sigma PCN_S = 5.7''$$

$$T_{UNV} = 35/24$$

$$T_{RAMOS} = 33/17$$

$$T_D = 28$$

THURSDAY 23 January 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. WNW	Temp. 70 °F	0753LT → ~1700LT occl - SHRA		
Min.	34 °F	Vel. 12 m.p.h.	Read. 29.91 in.	- RAIN FROGS ON SOME SURFACES, ESP N+W		
Set	40 °F	Char. STEADY	Corr. 29.59 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. 100 mi.	Sea L. 29.97 in.	Clds. CU 7/10 SC	Clds. NS 10/10 CU	Clds. NS 8/10 STCU
Ppn. Liq.	0.03 in.	Prev. Dir. SSW	3 hr. Tend. +3.0 mb	Wx BREEZY MILD	Wx -SHSN	Wx Calm + COOL
Ppn. Sol.	0 in.	Snow Depth T in.	Observer SNH	Vis. 20 mi.	Vis. 10 mi.	Vis. ~10 mi.

\bar{T}_{41}

$T_{\text{amas}} 38/29$



HOD 24

$T_{\text{unu}} 40/37$

$T_0 30$

$\Sigma HOD 902$

$\Sigma ACN_2 0.62$

$\Sigma ACN_3 5.17$

Friday January 24, 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	42 °F		Dir.	NE		Temp.	-SHSN 1240LT-1830LT		
Min.	20 °F		Vel.	126 ¹⁸ m.p.h.		Read.	29.15 in.		
Set	20 °F		Char.	VAR		Corr.	29.03 in.		
R.H.	65 %		24 hr. Mov.	86 mi.		Sea L.	30.49 in.		
Ppn.	Liq.	T in.		Prev. Dir.	WNW		3 hr. Tend.	0.0 mb	
Ppn.	Sol.	T in.		Snow Depth	T in.		Observer	JCW	
							0700	1300	1900
							Clds. Ci 2 To	Clds. NS 10 10	Clds. NS 10/10
							Wx Blustery	Wx SN	Wx - FRAPE
							Vis.	Vis.	Vis.
							25 mi.	1.5 mi.	7 mi.

$$\bar{T} = 31$$

$$HDD = 34$$

$$\Sigma HDD = 936$$

$$\Sigma PCN_L = 0.62''$$

$$\Sigma PCN_S = 5.7''$$

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

$$T_{UNV} = M/M$$

SATURDAY 25 JANUARY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. * 38 °F	Dir. W	Temp. 72 °F		* OCCURRED @ 1AM 1/25 + OCCURRED @ 7AM 1/24 * ESTIMATED DUE TO ICE PELLETS		
Min. + 20 °F	Vel. 3 m.p.h.	Read. 28.45 in.		SG B ~ 1100LT ~SNB ~ 1205LT SNB ~ 1245LT (OVER)		
Set 35 °F	Char. G10	Corr. 28.33 in.		0700	1300	1900
R.H. 93 %	24 hr. Mov. 80 mi.	Sea L. 29.72 in.		Clds. Ns 10/10 Sc	Clds.	Clds. Sc 2/10 As
Ppn. Liq. 0.60 in.	Prev. Dir. S	3 hr. Tend. -0.3v mb		Wx -DZ	Wx	Wx Gusty + Cold
Ppn. Sol. 4.8 in.	Snow Depth 4 in.	Observer DDS		Vis. 10 mi.	Vis. mi.	Vis. ~ 17mi.

F-29
HAD-36
ΣHAD-972
ΣPCN_L-1.22"
ΣPCN_S-10.5"

T_{RAMOS}-33/29
T_{UV}-36/35

T_w-34
T_d-33

1505LT PCN_S-2.1" PCN_L-0.17"

SNE PEB ~ 1800LT

-FZRA B ~ 1845LT

1900LT PCN_S-2.7" PCN_L-0.33"

ΣPCN_S-4.9" ΣPCN_L-0.50"

PEE ~ 1915LT

OKNL - SHCA / -02 1915 - 0700LT

Sunday 26 January 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	W	Temp.	70 °F	~0700 LT	- DZ	
Min.	18 °F	Vel.	18 m.p.h.	Read.	29.05 in.	~2300LT	- SWSN	
Set	18 °F	Char.	Steady	Corr.	28.93 in.	0700	1300	1900
R.H.	70 %	24 hr. Mov.	243 mi.	Sea L.	30.38 in.	Clds. AS 2/10 ST	Clds.	Clds. 10/10 SC
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+2.0 mb	Wx cold + Clear	Wx	Wx CALM
Ppn.	T in.	Snow Depth	2 in.	Observer	JCW	Vis.	25 mi.	mi. 20 mi.

$$\bar{T} = 30$$

$$HDD = 35$$

$$\Sigma HDD = 1007$$

$$\Sigma PCN_L = 1.22''$$

$$\Sigma PCN_B = 10.5''$$

$$\Gamma_{amo} = 15/1$$

$$T_D = 10$$

$$T_{UNV} = 17/10$$

MONDAY 27 January 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	25 °F	Dir.	-	Temp.	70 °F	↑ Overcast low 20		
Min.	16 °F	Vel.	0 m.p.h.	Read.	29.27 in.			
Set	22 °F	Char.	calm	Corr.	29.15 in.	0700	1300	1900
R.H.	68 %	24 hr. Mov.	72 mi.	Sea L.	30.60 in.	Clds. CS 10/10	Clds. NS 10/10	Clds. NS 10/10
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	-0.0 mb	Wx Haze CALM	Wx - SN VISIBILITY falling	Wx SN
Ppn.	T in.	Snow Depth	2 in.	Observer	SNH	Vis.	20 mi.	6 mi.
						Vis.	6 mi.	5/8 mi.

\bar{T} 21

Frames 22/10

T_0 12

HOD 44

Time 23/14

Σ HOD 1051

Σ PCN₂ 1.22

Σ PCN₅ 10.5

TUESDAY 28 JANUARY 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	°F	Dir.	Temp.	°F	Temp.	°F	* OVERNIGHT LOW 25 -SN @ 1200LT → 2300LT CHG FRST SN/TSN 1600LT → CHANGE TO RA 22/-SN 2300LT CHANGE TO -RA 0000LT		
37		NW	71						
Min.	* °F	Vel.	Read.	in.					
22		16 m.p.h.	28.91				0700	1300	1900
Set	°F	Char.	Corr.	in.					
33		GUSTY	28.69						
R.H.	%	24 hr. Mov.	Sea L.	in.	Clds.		Clds.		Clds.
66		117 mi.	30.09		Sc 50		Cu 6/10		Ci 1/10
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	mb	Wx		Wx		Wx
0.50		S	+5.0		BLUSTERY		Breezy		Clear & Cold
Ppn.	Sol.	Snow Depth	Observer		Vis.		Vis.		Vis.
3.5		4 in.	SNH		25 mi.		25 mi.		25 mi.

\bar{T} 30

\bar{H}_{DD} 35

ΣH_{DD} 1086

ΣPCN_2 1.72"

ΣPCN_3 14.0"

Tramos 31/21

TUNN 36/32

Td 24

Wednesday, January 29, 1997

0700 EST
 Meteorological Observatory,
 University Park, PA

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	35 °F	Dir.	NW	Temp.	71 °F	-SHSN ~ 0800 LT		
Min.	12 °F	Vel.	4 m.p.h.	Read.	29.38 in.			
Set	12 °F	Char.	Light & steady	Corr.	29.26 in.	0700	1300	1900
R.H.	73 %	24 hr. Mov.	177 mi.	Sea L.	30.79 in.	Clds.	Ci 8/10 AC	Clds. 10/10 AS
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+2.5/ mb	Wx	Clear + Brutally Cold	Wx Chilly
Ppn.	T in.	Snow Depth	3 in.	Observer	SAG	Vis.	25 mi.	25 mi.

$$T = 24$$

$$HDD = 41$$

$$\Sigma HDD = 1127$$

$$\Sigma PCN_L = 1.72''$$

$$\Sigma PCN_S = 14.0''$$

$$T_{UNV} = 12/5$$

$$T_{Ramos} = 10/1$$

$$T_D = 5$$

THURSDAY 30 JAN 1977
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	26 °F	Dir.	-	Temp.	70 °F			
Min.	12 °F	Vel.	0 m.p.h.	Read.	29.21 in.			
Set	13 °F	Char.	CAIM	Corr.	29.09 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov.	18 mi.	Sea L.	30.59 in.	Clds. AS 7/10 AC	Clds. L 7/10	Clds. C: ST 3/10
Ppn.	0.0 in.	Prev. Dir.	WSW	3 hr. Tend.	-0.57 mb	Wx FRIGID	Wx A SUNNY WINTER DAY	Wx COOL + DARK
Ppn.	0 in.	Sol.	2 in.	Snow Depth	2 in.	Observer	SWH	25 mi.
						Vis.	25 mi.	25 mi.
						Vis.		7 mi.

\bar{T} 19

Trans 13/2

To 2

HDD 46

Tonu 13/8

Σ HDD 1173

Σ PCN₂ 1.72

Σ PCN₃ 14.0

Friday January 31, 1997
0700 EST

Meteorological Observations
University Park, PA

General Obs.

Temp.		Wind	Barom.	* Set a 0700LT, overnight Min 27			
Max.	32 °F	Dir. SW	Temp. 71 °F				
Min.	13 * °F	Vel. 4 m.p.h.	Read. 28.88 in.				
Set	27 °F	Char. Light	Corr. 28.76 in.	0700	1300	1900	
R.H.	62 %	24 hr. Mov. 59 mi.	Sea L. 30.17 in.	Clds. Thin: 6/10	Clds. AS 10/10	Clds. S 10/10 AS	
Ppn.	0	Liq. in.	Prev. Dir. S	3 hr. Tend. -2.0 mb	Wx Calm + cool	Wx Calm + Cool	Wx WARM BREEZE
Ppn.	0	Sol. in.	Snow Depth 2 in.	Observer JCW	Vis. 17 mi.	Vis. 17 mi.	Vis. 15 mi.

$$\bar{T} = 23$$

$$HDD = 42$$

$$\Sigma HDD = 1215$$

$$\Sigma PCN_L = 1.72''$$

$$\Sigma PCN_S = 14''$$

$$T_{\text{ramo}} = 25/16 \quad \bar{T}_D = 16$$

$$T_{\text{unv}} = 23/17$$

$$\bar{T}_{\text{max}} = 34.13^\circ$$

$$\bar{T}_{\text{min}} = 16.97^\circ \quad \bar{T}_{\text{JFM}} = 25.55^\circ$$