

Friday November 2, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. SE	Temp. 72 °F			
Min.	37 °F	Vel. 10 m.p.h.	Read. 28.70 in.			
Set	37 °F	Char. Var	Corr. 28.57 in.	0700	1300	1900
R.H.	59 %	24 hr. Mov. 202 mi.	Sea L. 29.95 in.	Clds. Ci 3/10 As	Clds. Ci 1/10 Cu	Clds. 1/10 Cu
Ppn.	Liq. — in.	Prev. Dir. SSE	3 hr. Tend. -1.0 mb	Wx Cold + breezy	Wx Cool and breezy	Wx Just Cool
Ppn.	Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 45$$

$$HDD = 20$$

$$\Sigma HDD = 20$$

$$\Sigma PCN_L = 0.00''$$

$$T_{ramos} = 35/17$$

$$T_{UNV} = 36/21$$

~~$$T_{ramo} = 35/17$$~~

$$T_W = 33$$

$$T_D = 25$$

SATURDAY, NOVEMBER 2, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	45 °F		Dir.	SE		Temp.	69 °F		
Min.	30 °F		Vel.	7 m.p.h.		Read.	28.64 in.		
Set	30 °F		Char.	Steady		Corr.	28.52 in.		
R.H.	66 %		24 hr. Mov.	98 mi.		Sea L.	29.93 in.		
Ppn.	Liq.	0.00 in.		Prev. Dir.	SW		3 hr. Tend.	+0.4 mb	
Ppn.	Sol.	0.0 in.		Snow Depth	0 in.		Observer	NAS	
							0700	1300	1900
							Clds. AC 3/10 Cu	Clds.	Clds. cu 7/10
							Wx FROSTY	Wx	Wx WINDY COLD
							Vis.	Vis.	Vis. 25 mi.
							20 mi.	mi.	

F-38  
HAD-27  
ΣHAD-47  
εPIN<sub>i</sub> - 0.00"

TRAMOS - 27/19  
TUNJ - 28/21

T<sub>d</sub> - 20

SUNDAY 03 NOVEMBER 1966  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. NW	Temp. 68 °F	1250 - DOBS FREPT - SHSN 0200LT 1/4 INCH SNOW ON CARS IN PRNG CDT.		
Min.	28 °F	Vel. 10 m.p.h.	Read. 28.93 in.			
Set	30 °F	Char. STEADY	Corr. 28.82 in.			
R.H.	72 %	24 hr. Mov. 115 mi.	Sea L. 30.24 in.	0700 Clds. 7/10 ST NS	1300 Clds.	1900 Clds. 7/10 ST
Ppn. Liq.	0.02 in.	Prev. Dir. W	3 hr. Tend. +2.5 mb	Wx COLD SNOW FLURRIES	Wx	Wx Blustery Cold
Ppn. Sol.	0.2 in.	Snow Depth T in.	Observer SWH	Vis. 25 mi.	Vis.	Vis. 25 mi.

F 34

HDD 3.1

EHDD 78

EPCN<sub>2</sub> 0.02"

EPCN<sub>3</sub> 0.2"

Tramos 29/19

T<sub>a</sub> 22

T<sub>unv</sub> 29/24

MONDAY 04 NOVEMBER 1996

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. W	Temp. 70 °F	-SASU AT OBS 03 NOV 1996		
Min.	27 °F	Vel. 7 m.p.h.	Read. 29.17 in.			
Set	29 °F	Char. STEADY	Corr. 29.05 in.			
R.H.	69 %	24 hr. Mov. 77 mi.	Sea L. 30.48 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +1.5 / mb	Clds. CLR	Clds. CLR	Clds. C: 4/10
Ppn.	T in.	Snow Depth - in.	Observer SWH	Wx chilly	Wx Wonderful FALL DAY	Wx Cool
				Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{F}$  35

HOD 30

$\Sigma HOD$  108

$\Sigma PCN_2$  0.02

$\Sigma PCN_3$  0.2

$T_{remos}$  30/18

$T_{unu}$  30/24

$T_0 = 20$



Tuesday, November 5, 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.				
Max.	Dir.	Temp.	*OVERNIGHT Low = 35							
53 °F	-	70 °F								
Min. *	Vel.	Read.								
29 °F	- m.p.h.	29.10 in.								
Set	Char.	Corr.				0700	1300	1900		
36 °F	Calm	28.97 in.				Clds. 5+	Clds. 5+	Clds. 5+		
R.H.	24 hr. Mov.	Sea L.				8/10 5+	10 5+	10 5+		
55 %	54 mi.	30.38 in.				Wx Cool & Calm & Grey	Wx Gray w/ drops	Wx Gray & Cool		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.							
∅	in.	SSW	+2 mb							
Ppn.	Sol.	Snow Depth	Observer							
-	in.	- in.	SAG							
					Vis.		Vis.		Vis.	
					25 mi.		25 mi.		7 mi.	

$$T = 41$$

$$HDD = 24$$

$$HDD = 132$$

$$\Sigma PCN_L = .02$$

$$\Sigma PCN_S = .2$$

$$T_{Ramos} = 36/24$$

$$T_{UNV} = 36/26$$

$$T_w = 32$$

$$T_D = 25$$

Wednesday November 6, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.					
Max.		49 °F	Dir.		—	Temp.		70 °F	Overnight Low - SMRA (OCCL) 1230 LT ~ 1330 LT		
Min.		36 °F	Vel.		— m.p.h.	Read.		29.22 in.			
Set.		38 <sup>+</sup> °F	Char.		Calm	Corr.		29.09 in.			
R.H.		85 %	24 hr. Mov.		1 mi.	Sea L.		30.50 in.	0700	1300	1900
Clds.		4/10	Ci		St	Clds.		7/10	As	Clds.	St
Wx		Calm	Wx		COOL	Wx		SUNNY	Wx		Warm
Calm		Calm		Calm		Calm		Calm		Calm	
Ppn.		— in.	Prev. Dir.		VAR	3 hr. Tend.		0.0 mb	Vis.		17 mi.
Ppn.		— in.	Snow Depth		— in.	Observer		JCW	Vis.		17 mi.
Ppn.		— in.	Snow Depth		— in.	Observer		JCW	Vis.		17 mi.

$$\bar{T} = 43$$

$$HDD = 22$$

$$\Sigma HDD = 154$$

$$\Sigma PCN_L = 0.02$$

$$\Sigma PCN_S = 0.2$$

$$T_{ramo} = 37/31$$

$$T_{UNV} = 39/34$$

$$T_W = 36$$

$$T_D = 34$$

Thursday November 7, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. WSW	Temp. 72 °F	* OVERNIGHT Low = 53° -SHRA 2025-2200, 0030 ~ 0430 U		
Min.	38 * °F	Vel. 4 m.p.h.	Read. 28.91 in.			
Set	57 °F	Char. Constant	Corr. 28.79 in.	0700	1300	1900
R.H.	88 %	24 hr. Mov. 33 mi.	Sea L. 30.3 in.	Clds. <sup>Ns</sup> 10/ <sub>10</sub> Ci Cu	Clds. <sup>St Cu</sup> 8/ <sub>10</sub> Ci Rs	Clds. <sup>Sc</sup> 8/ <sub>10</sub> Cu Ci
Ppn. Liq.	.10 in.	Prev. Dir. SSE	3 hr. Tend. -0.4 umb	Wx Virga, Mild	Wx Warm + Calm	Wx Mild & Calm
Ppn. Sol.	- in.	Snow Depth - in.	Observer SAG	Vis. 6 mi.	Vis. 17 mi.	Vis. 17 mi.

$$\bar{T} = 50$$

$$HDD = 15$$

$$\Sigma HDD = 169$$

$$\Sigma PCN_L = .12''$$

$$\Sigma PCN_S = .2$$

$$T_{Ramos} = 56/51$$

$$T_{univ} = 54/53$$

$$T_w = 55$$

$$T_D = 54$$

Friday November 8, 1946

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. S	Temp. 75 °F	* Overnight Low 62			
Min. ** 57 °F	Vel. 10620 m.p.h.	Read. 28.44" in.	0400LT TSRA - 0001 TSRA + ** Record Max Min (old = 52, 1950, 75)			
Set 64 * °F	Char. busty	Corr. 28.31 in.	0700	1300	1900	
R.H. 94 %	24 hr. Mov. 222 mi.	Sea L. 29.61" in.	Clds. NS L <sub>10</sub>	Clds. NS 10/10 SC	Clds. NS 10/10 SC	
Ppn. Liq. 0.45" in.	Prev. Dir. S	3 hr. Tend. -2.0 mb	Wx Fg RA	Wx -RA	Wx -RA	
Ppn. Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 5 mi.	Vis. 5 mi.	Vis. 5 mi.	

$$\bar{T} = 63$$

$$HDD = 2$$

$$\Sigma HDD = 171$$

$$\Sigma PCN_2 = 0.57''$$

$$\Sigma PCN_5 = 0.2$$

$$T_{camo} = 63/59$$

$$T_D = 61$$

$$T_{UNV} = 64/63$$



SATURDAY, NOVEMBER 9, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. WNW	Temp. 71 °F	-RA/RA/+RA 0700-2030LT LOLO FROM PA 0920LT			
Min. 36 °F	Vel. 18 m.p.h.	Read. 28.45 in.	MAX GUST 55 MPH @ 0927 LT PRES JUMP 3.5 mb (LOWE) 1130LT RN - 0.54" 1530 LT RN - 0.54" EREN - 1.08"			
Set 36 °F	Char. STEADY	Corr. 28.33 in.	0700	1300	1900	
R.H. 92 %	24 hr. Mov. 117 mi.	Sea L. 29.71 in.	Clds. Low 10/10 NS	Clds.	Clds. 10 NS 10	
Ppn. Liq. 1.57 in.	Prev. Dir. SW	3 hr. Tend. +1.5 / mb	Wx -RA-SN	Wx	Wx -SN	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer DAS	Vis. 5 mi.	Vis. mi.	Vis. 10 mi.	

T-51  
HDD-14  
ΣHDD-185  
ΣPCN<sub>L</sub>-2.14"  
ΣPCN<sub>S</sub>-0.2"

T RAMOS - 33/27  
T UNV - 37/36

T<sub>w</sub>-35  
T<sub>d</sub>-34

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1900LT PCN-0.43" ΣPCN-1.51"  
-RA ~0400-0700 LT  
-SN-RA 0655-0700LT

SUNDAY 10 November 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp.			0800 → OCCUR -RA/-SN SNOW ON ROOF TOPS		
43 °F	WSW	74 °F					
Min.	Vel.	Read.					
33 °F	10-20 m.p.h.	28.72 in.					
Set	Char.	Corr.		0700	1300	1900	
35 °F	VARIABLE	28.59 in.					
R.H.	24 hr. Mov.	Sea L.		Clds.	Clds.	Clds.	
81 %	61 mi.	29.97 in.		10/10 SC		1/10	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.01 in.		SW	+1.5 mb	COLD WINDY		Cold & Starry	
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T in.		- in.	SNH	25 mi.		25 mi.	

$\bar{F} = 38$

HDD 27

$\Sigma$ HDD 212

$\Sigma$ PCN<sub>2</sub> 2.15

$\Sigma$ PCN<sub>3</sub> 0.2

T<sub>unw</sub> 31/22

T<sub>d</sub> 30

T<sub>unw</sub> 33/30

MONDAY 11 NOVEMBER 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	39 °F	Dir.	NW	Temp.	-SNOW ALL DAY		
Min.	27 °F	Vel.	19 m.p.h.	Read.	28.91 in.		
Set	29 °F	Char.	STEADY	Corr.	28.79 in.		
R.H.	58 %	24 hr. Mov.	104 mi.	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	Clds. SC 10/10 NS	Clds. SC 9/10 SC	Clds. SC 1/10 SC
Ppn.	T in.	Snow Depth	- in.	Observer	Wx FINES BINOVC	Wx FINES CHILLY	Wx cold & Brisk
Ppn.	T in.	Snow Depth	- in.	Observer	Vis.	Vis.	Vis.
					25 mi.	25 mi.	25 mi.

$\bar{F}$  33

$HSD = 32$

$\sum H_p = 244$

$\sum P_{ed,0} = 2.15$

$\sum P_{ed,1} = 0.2$

Trans 27/16

$T_0$  16

Tonu 30/23

Tuesday November 12, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. SSW	Temp. 70 °F	0700 LT - - Sced Flurrier.		
Min.	26 °F	Vel. 10 m.p.h.	Read. 29.17 in.			
Set	27 °F	Char. Steady	Corr. 29.05 in.			
R.H.	71 %	24 hr. Mov. 174 mi.	Sea L. 30.49 in.	Clds. Ns C 9/10	Clds. Ns 10/10	Clds.
Ppn.	T in.	Prev. Dir. WSW	3 hr. Tend. +1.7 mb	Wx Flurrier Cold	Wx Sn- Cold + Wind	Wx
Ppn.	T in.	Snow Depth 0 in.	Observer SAG	Vis. 17 mi.	Vis. 1.5 mi.	Vis. mi.

$$\bar{T} = 31$$

$$HDD = 34$$

$$\Sigma HDD = 278$$

$$\Sigma PCN_L = 2.15''$$

$$\Sigma PCN_S = .2''$$

$$T_{Ramos} = 24/15$$

$$T_{JUNU} = 27/21$$



Wednesday November 13, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F	Dir. SW	Temp. 70 °F	0700LT - 1800LT occl Sn <sup>-</sup>			
Min. 20 °F	Vel. 8 m.p.h.	Read. 29.40 in.				
Set 21 °F	Char. Slightly Variable	Corr. 29.28 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. 103 mi.	Sea L. 30.75 in.	Clds. Ci 1/10 str on horizon	Clds. Sc 8/10 AL	Clds. thin 10 Ci	
Ppn. Liq. Trace in.	Prev. Dir. SW	3 hr. Tend. 0.0 mb	Wx Cold + clear	Wx cloudy	Wx Cold	
Ppn. Sol. Trace in.	Snow Depth 0 in.	Observer JCW	Vis. 25 mi.	Vis. 25 mi.	Vis. ~14 mi.	

$$\bar{T} = 27$$

$$HDD = 38$$

$$\Sigma HDD = 316$$

$$\Sigma PCN_L = 2.15''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{UVV} = 23/16$$

$$T_{ramo} = 20/10$$

$$T_D \approx 13$$

Thursday, November 14, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir.	Temp			
		—	70 °F			
Min.	20 °F	Vel.	Read.			
		— m.p.h.	29.27 in.			
Set	25 °F	Char.	Corr.	0700	1300	1900
		Calm	29.15 in.			
R.H.	75 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		41 mi.	30.60 in.	$\frac{8}{10}$ Ac	$\frac{3}{10}$ Cu	$\frac{1}{10}$ Ac
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T	in.	WSW	+0.6/mb	Cold & Calm	Cool	Cool
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
T	in.	0 in.	SAG	17 mi.	25 mi.	25 mi.

$$\bar{T} = 27$$

$$HDD = 38$$

$$\Sigma HDD = 354$$

$$\Sigma PCN_L = 2.15''$$

$$\Sigma PCN_S = .2''$$

$$T_{RAMOS} = 22/14$$

$$T_D \sim 18$$

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

Friday November 15, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	- SHSN 1402LT - SHSN 1545LT			
34 °F	E	70 °F				
Min.	Vel.	Read.				
15 °F	CALM m.p.h.	29.54 in.				
Set	Char.	Corr.	0700	1300	1900	
18 °F	CALM	29.41 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. <sup>2</sup> / <sub>10</sub>	Clds. Ci 4/10 Cu	Clds. Ci 2/10	
84 %	12 mi.	30.90 in.				
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx Cold + Clear	Wx Cool But PLEASANT	Wx CHILLING
T	in.	NW	+2.0 mb			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
T	in.	0 in.	JCW	25 mi.	25 mi.	25 mi.

$$\bar{T} = 25$$

$$HDD = 40$$

$$\Sigma HDD = 394$$

$$\Sigma PCN_L = 2.15''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{\text{ramo}} = 17/14$$

$$T_{\text{UVV}} = 16/13$$

$$T_D \approx 14$$

SATURDAY, NOVEMBER 16, 1946

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. CALM	Temp. 69 °F			
Min.	17 °F	Vel. 0 m.p.h.	Read. 29.50 in.			
Set	19 °F	Char. CALM	Corr. 29.38 in.	0700	1300	1900
R.H.	92 %	24 hr. Mov. 4 mi.	Sea L. 30.88 in.	Clds. 6/10 Ci	Clds. CLR	Clds. CLR
Ppn.	Liq. 0.00 in.	Prev. Dir. NE	3 hr. Tend. +0.35 mb	Wx FROSTY	Wx SUNNY CHILLY	Wx STARRY
Ppn.	Sol. 0.0 in.	Snow Depth 0 in.	Observer DOS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

F-26

HAD-39

$\Sigma HAD - 433$

$\Sigma PCN_L - 2.15''$

$\Sigma PCN_S - 0.2''$

Temas - 19/12

Tuvu - 19/17

Td - 15



SUNDAY 17 November 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
42 °F	—	70 °F				
Min.	Vel.	Read.				
18 °F	— m.p.h.	29.37 in.				
Set	Char.	Corr.		0700	1300	1900
22 °F	CALM	29.25 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. Ci	
71 %	19 mi.	30.71 in.	CLR		10 st	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0 in.	5		-0.0 mb	FROSTY		Cool & Calm
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
— in.	— in.		SNH	25 mi.	mi.	25 mi.

T 30  
HDD 35  
LHDD 468  
EPCN<sub>2</sub> 2.15"  
EPCN<sub>3</sub> 0.2"

fund 23/17 " Td 14  
Tremos 22/14

MONDAY 18 NOVEMBER 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.		Dir.		Temp.	OVERTSIGHT LOW 35°F -RA BEGAN ~ 0530CT			
48	°F	—		70				°F
Min.		Vel.		Read.				
20	°F	— m.p.h.		28.98	in.			
Set		Char.		Corr.	0700	1300	1900	
38	°F	CALM		28.86	in.			
R.H.		24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.	
81	%	5 mi.		30.26	in.	10/10 NS	10/10 NS	
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
—	in.	SW		-0.5 mb	-RA FOG ON ATMS	-OC FOG	FOG & Dried.	
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	
—	in.	— in.		SMH	10 mi.	5 mi.	1/2 mi.	

$\bar{T} = 34$

$MDD = 31$

$\Sigma HDD = 499$

$\Sigma PCN_2 = 2.15''$

$\Sigma PCN_3 = 0.2''$

$T_{UNU} = 37/30$   
 $T_{RAMOS} = 34/27$

$T_D = 27$

Tuesday November 19 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. W	Temp. 70 °F	<del>0800LT</del> ~ 0800LT - RA OCCL - DE 1100LT - 1700LT OCCL - RA 1700 - 0100LT			
Min. 34 °F	Vel. 10 m.p.h.	Read. 28.70 in.				
Set 35 °F	Char. Constant	Corr. 28.58 in.	0700	1300	1900	
R.H. 82 %	24 hr. Mov. 6 mi.	Sea L. 29.98 in.	Clds. Ci 4/10	Clds. Cu 4/10	Clds. Hi 1/10	
Ppn. .01 in.	Liq.	Prev. Dir. WSW	3 hr. Tend. +.0 - mb	Wx Cool & Calm	Wx Cool + Breezy	Wx Hail Moon + Cool
Ppn. 0 in.	Sol.	Snow Depth - in.	Observer SAG	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 39$$

$$HDD = 26$$

$$\Sigma HDD = 525$$

$$\Sigma PCN_L = 2.16''$$

$$\Sigma PCN_S = .2''$$

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

$$T_{RAMOS} = 34/29$$

$$T_D = 30$$

Wednesday November 29, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. SW	Temp. 70 °F			
Min.	30 °F	Vel. 6 m.p.h.	Read. 28.72 in.			
Set	30 °F	Char. Steady	Corr. 28.60 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. 76 mi.	Sea L. 30.00 in.	Clds. SCu 10 10 BKN	Clds. SC 4/10	Clds. Ci 5 70
Ppn.	∅ in.	Prev. Dir. SW	3 hr. Tend. 0.0 mb	Wx brny + Cool	Wx VIRGA ALL QUAS	Wx Cool + Crisp
Ppn.	∅ in.	Snow Depth ∅ in.	Observer JCW	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 38$$

$$HDD = 27$$

$$\Sigma HDD = 552$$

$$\Sigma PCN_L = 2.16''$$

$$\Sigma PCN_S = .2''$$

$$T_{UNV} = 30/25$$

$$T_{ramo} = 28/20 \quad T_D = 23$$



Thursday November 21, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	WNW	Temp.	70 °F	-SHSN 1340LT-		
Min.	30 °F	Vel.	4 m.p.h.	Read.	28.70 in.			
Set	31 °F	Char.	Gusty	Corr.	28.58 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov.	III mi.	Sea L.	29.98 in.	Clds. Sc 10	Clds. Ci 1/10 A CU	Clds. Hi 5/10 Cirrus
Ppn.	T in.	Prev. Dir.	WNW	3 hr. Tend.	+0.25 mb	Wx Grey, cool	Wx Cool	Wx & Cool/moist
Ppn.	T in.	Snow Depth	0 in.	Observer	SAG	Vis.	25 mi.	25 mi.

$$\begin{aligned}\bar{T} &= 35 \\ \text{HDD} &= 30 \\ \Sigma \text{HDD} &= 582 \\ \Sigma \text{PCN}_L &= 2.16 \\ \Sigma \text{PCN}_S &= .2''\end{aligned}$$

$$T_{\text{UNV}} = 31/21$$

$$T_{\text{Ramos}} = 29/18$$

$$T_D = 20$$

Friday November 22, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.				
Max.			Dir.	Temp.	- SHSN 0830LT * overn. ght low				
40	°F		NW	70				°F	
Min.			Vel.	Read.					
31	°F		10	m.p.h.	28.80	in.			
Set			Char.	Corr.	0700	1300	1900		
33*	°F		Var.	28.68	in.				
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
63	%		64	mi.	30.08	in.	st cu 10	9/10 SC	9/10 AC SC
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			
T	in.	NW	+10 mb	Cool + Gray	BLUSTERY	CHILLING			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			
T	in.	0	in.	JCW	25	mi.	20	mi.	

$$\bar{T} = 36$$

$$HDD = 29$$

$$\Sigma HDD = 611$$

$$\Sigma PCN_L = 2.16''$$

$$\Sigma PCN_S = .2''$$

$$T_{UNV} = 32/22 \quad T_D = 22$$

$$T_{ramo} = 33/22$$

SATURDAY, NOVEMBER 23, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. VARIABLE	Temp. 69 °F	-SHSN 0830-0945 LT -SHSN ~1445 LT		
Min.	25 °F	Vel. 3 m.p.h.	Read. 28.96 in.			
Set	26 °F	Char. NEARLY CALM	Corr. 28.84 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. 67 mi.	Sea L. 30.27 in.	Clds. Ci 6/10 Ac As	Clds.	Clds. 10/10 Sc Altostratus
Ppn.	T in.	Prev. Dir. NW	3 hr. Tend. 0.0 v mb	Wx FROSTY SUNRISE	Wx	Wx Seasonal Cal/m
Ppn.	T in.	Snow Depth 0 in.	Observer DOS	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

T-32

HON-33

ΣΠΠΟ-644

ΣΡΚΝ<sub>2</sub> - 2.16"

ΣΡΚΝ<sub>3</sub> - 0.2"

T<sub>RAMOS</sub> - 25/18

T<sub>UNV</sub> - 24/23

T<sub>d</sub> - 21

SUNDAY 24 NOVEMBER 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. -	Temp. 69 °F	* OVERNIGHT LOW 38		
Min.	26 * °F	Vel. - m.p.h.	Read. 28.96 in.			
Set	38 °F	Char. CALM	Corr. 28.84 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov. 23 mi.	Sea L. 30.24 in.	Clds. 10% Sc	Clds.	Clds. 10% Sc
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. 41.0 A mb	Wx CALM	Wx	Wx Mild
Ppn.	- in.	Snow Depth - in.	Observer SWH	Vis. 20 mi.	Vis.	Vis. 20 mi.

$\bar{T}$  34

$T_{\text{trans}}$  36/24

$T_0$  24

HOD 31

$T_{\text{env}}$  37/28

$\Sigma \text{HOD}$  675

$\text{EPCN}_2$  2.16

$\text{EPCN}_3$  0.2



MONDAY 05 NOVEMBER 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 41 °F	Dir. -	Temp. 69 °F	-02 CUBANIGHT			
Min. 34 °F	Vel. - m.p.h.	Read. 28.91 in.				
Set 34 °F	Char. STILL	Corr. 28.79 in.				
			0700	1300	1900	
R.H. 85 %	24 hr. Mov. 2 mi.	Sea L. 30.19 in.	Clds. ST 3/10	Clds. NS 1/10	Clds. NS 10/10	
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. +0.0 - mb	Wx STILL	Wx -RA Fog	Wx -RA Fog	
Ppn. Sol. 0 in.	Snow Depth - in.	Observer SNH	Vis. 25 mi.	Vis. 5 mi.	Vis. 1 mi.	

F 30

H00 27

$\Sigma H00$  702

$\Sigma PCW_2$  2.16

$\Sigma PCW_3$  0.2

TUNU 36/33  
Tramos 33/30

T<sub>0</sub> 30

TUESDAY, 26 NOVEMBER 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 47 °F	Dir. —	Temp. 71 °F	-RADEZ Began 1317 LT ENDED			
Min. 33* °F	Vel. — m.p.h.	Read. 28.46 in.	* OVNT LOW 37			
Set 43 °F	Char. Calm	Corr. 28.34 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. 7 mi.	Sea L. 79.69 in.	Clds. X	Clds. str cu 40	Clds. str cu 10	
Ppn. 0.51 in.	Liq. —	Prev. Dir. WSW	3 hr. Tend. -1.8 Lmb	Wx Fog	Wx Blustery + Blustery	
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer SAG	Vis. 1 mi.	Vis. 25 mi.	
				Vis. 25 mi.	Vis. 10 mi.	

$$\bar{T} = 40$$

$$HDD = 25$$

$$\Sigma HDD = 727$$

$$\Sigma PCN_L = 2.67''$$

$$\Sigma PCN_S = .2''$$

$$T_{RAMOS} = 42/40$$

$$T_{UNV} = 41/41$$

$$T_N = 41$$

$$T_D = 39$$

WEDNESDAY 27 November 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp.	-SNOW 1030LT → 1120LT -16 began -SNOW 1133LT Fog -SNOW 1221845LT 2000LT WIND GUST 40MPH				
47 °F	N	70 °F					
Min.	Vel.	Read.					
24 °F	8 m.p.h.	29.12 in.	Set	0700	1300	1900	
24 °F	Char.	Corr.	R.H.	Clds.	Clds.	Clds.	
	Breezy	29.00 in.	63 %	8/10 CU	3/10 SC	4/10 SC	
	24 hr. Mov.	Sea L.	Ppn.	Wx	Wx	Wx	
	140 mi.	30.44 in.	0.01 in.	CRISP COLD	Sunny	Breezy	
	Prev. Dir.	3 hr. Tend.	Ppn.	Vis.	Vis.	Vis.	
	NW	+2.0 mb	T in.	25 mi.	25 mi.	25 mi.	
	Snow Depth	Observer	Sol.				
	T in.	SNW	T in.				

F 36

Tuvos 23/11

To 11

H00 29

Tunu 24/14

$\Sigma$ H00 756

$\Sigma$ PCN<sub>2</sub> 2.68

$\Sigma$ PCN<sub>3</sub> 0.2'

Thursday 28 November 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	30 °F	Dir. W	Temp. 72 °F			
Min.	14 °F	Vel. 5 m.p.h.	Read. 29.22 in.			
Set	18 °F	Char. STEADY	Corr. 29.10 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. 49 mi.	Sea L. 30.56 in.	Clds. 10/10 ST	Clds.	Clds. 10/10 SC
Ppn.	Liq. 0 in.	Prev. Dir. NW	3 hr. Tend. -1.5 mb	Wx CLOUDY	Wx	Wx Breezy Fresh Snow
Ppn.	Sol. - in.	Snow Depth - in.	Observer SMH	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$  22

Tramos 15/9

$T_d$  14

WOD 43

Tenu 18/14

EWOD 799

$\Sigma PV_2$  2.68

$\Sigma PV_3$  0.2



FRIDAY 29 NOVEMBER 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 29 °F	Dir. -	Temp. 71 °F	* OVERNIGHT LOW 24°F			
Min. 18 °F	Vel. -	Read. 29.18 in.	-SN 0900 → 1700LT			
Set 26 °F	Char. CALM	Corr. 29.06 in.	1300LT 1" SNOW DEPTH			
R.H. 65 %	24 hr. Mov. 20 mi.	Sea L. 30.50 in.	0700	1300	1900	ADULT GAUGE EMPTY
Ppn. Liq. 0.08 in.	Prev. Dir. SW	3 hr. Tend. +0.0 -mb	Clds. ST 9/10 SC	Clds. ST 3/10 CS	Clds. CLR	0.08 in. 1.0" SNOW
Ppn. Sol. 1.3 in.	Snow Depth 1.0 in.	Observer SWH	Wx 7100LT COLD	Wx SUNNY	Wx Chilly CALM	
			Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}$  24

H00 41

$\Sigma H00$  840

$\Sigma PCN_L$  2.76

$\Sigma PCN_S$  1.5

Tramos 24/16

Td 16

Tenu 27/21

SATURDAY 30 NOVEMBER 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. W	Temp. 72 °F			
Min.	25 °F	Vel. 9 m.p.h.	Read. 29.04 in.			
Set	32 °F	Char. Variable & Breezy	Corr. 29.92 in.	0700	1300	1900
R.H.	58 %	24 hr. Mov. 17 mi.	Sea L. 30.33 in.	Clds. ST 10% B.WOOL	Clds.	Clds. ST 10% 25
Ppn.	0 in.	Prev. Dir. S	3 hr. Tend. -1.0 mb	Wx RAW	Wx	Wx DE
Ppn.	0 in.	Snow Depth T in.	Observer SNH	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$  32

Tramus 30/17

Td 17

HOD 33

Tuvv 29/24

$\Sigma HOD$  873

$\Sigma PCN_2$  2.76

$\Sigma PCN_3$  1.5

$\bar{T}_{HI} = 43.4$

$\bar{T}_{low} = 35.68$

$\bar{T}_{L0} = 27.9$