

Wednesday December 1, 2004  
0700 EST

Meteorological  
University Park, PA

General Obs.

Temp.	Wind	Barom.	<p><b>*Overnight Low- 42*</b>          1920-1940LT - SHRA          1920-2120LT DZ          2340-0020 SHRA</p>		
Max. 47 °F	Dir. SW	Temp 74 °F			
Min. 36* °F	Vel. 10 m.p.h.	Read. 28.33 in.			
Set 47 °F	Char. Breezy	Corr. 28.00 in.			
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 28.94 in.	0700	1300	1900
Ppn. Liq. 0.78 in.	Prev. Dir. —	3 hr. Tend. -2.5 mb	Clds. St 10/10	Clds. St 10/10	Clds. 0/10
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Wx RA	Wx —	Wx —
			Vis. 3 mi.	Vis. 20 mi.	Vis. 25 mi.

CDD=0  
HDD=23  
ECDD=0  
ΣHDD=23  
ΣPCN<sub>L</sub>=0.78

T<sub>davis</sub> = 47/47  
T<sub>UNV</sub> = 46/46

T<sub>w</sub> = 47  
T<sub>d</sub> = 47

PCN<sub>WB</sub> = N/A  
ΣPCN<sub>WB</sub> = N/A

THURSDAY 2 DECEMBER 2004 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.						
Max.	49	°F	Dir.	W	Temp	72	°F	RA, OCC + RA 065-0915 COJ FROM 0740 LT; PKGXT 50 - SHAW 1100-1200 LT DAILY PK GUST 62 ~1000 LT					
Min.	32	°F	Vel.	5 m.p.h.	Read.	28.9	in.						
Set	32	°F	Char.	STORMY	Corr.	28.78	in.						
R.H.	78	%	24 hr. Mov.	- mi.	Sea L.	30.19	in.	0700	1300	1900			
Ppn.	0.11	in.	Prev. Dir.	-	3 hr. Tend.	+0.4	mb	Clds.	7/10 SE	Clds.	8/10 Ci Cu	Clds.	1/10 ci
Ppn.	0.0	in.	Snow Depth	0 in.	Observer	WJS		Wx	-	Wx	-	Wx	-
								Vis.	25 mi.	Vis.	25 mi.	Vis.	10 mi.

$T = 41$   
 $HDD = 24$   
 $\Sigma HDD = 47$   
 $\Sigma PCN_L = 0.89''$   
 $\Sigma PCN_S = 0.0$

$T_{Davis} = 32/26$   
 $T_{UVI} = 32/27$

$T_w -$   
 $T_a = 26$

Friday December 3, 2004 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp	0332-0347 LT -SN		
42	°F		WSW	72 °F			
Min.			Vel.	Read.			
29	°F		9 m.p.h.	28.64 in.			
Set			Char.	Corr.	0700	1300	1900
35	°F		Varying	28.52 in.	Clds.	Clds.	Clds.
R.H.			24 hr. Mov.	Sea L.	10/10 Cu	7/10 Cu, Ci	8/10 Cu, Cc
64	%		— mi.	29.89 in.	Wx	Wx	Wx
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	—	M. Cloudy + breezy	M. Cloudy
T	in.		—	+1 ✓ mb	Vis.	Vis.	Vis.
Ppn.	Sol.		Snow Depth	Observer	25 mi.	25 mi.	25 mi.
T	in.		0 in.	SLM			

$T = 30$   
 $HDI = 27$   
 $CNI = 0$   
 $\Sigma ADD = 76$   
 $\Sigma CUI = 0$   
 $\Sigma PENL = 0.89''$

$T_{unv} = 310/28$   
 $T_{invis} = 34/27$

$T_w = 31$   
 $T_{cl} = 24$

$PENL_{TB} = N/A$   
 $\Sigma PENL_{TB} = N/A$

Saturday, 4 December, 2004 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. W	Temp 71.5 °F	A few flakes ~ 1100LT Scattered frost at obs		
Min. 25 °F	Vel. 3 m.p.h.	Read. 28.85 in.			
Set 25 °F	Char. light	Corr. 28.73 in.			
			0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. $\frac{0}{10}$	Clds. $\frac{0}{10}$	Clds. $\frac{7}{10} Cu, As$ $\frac{10}{10} Ci$
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. ✓ +0.2 mb	Wx clear	Wx sunny	Wx overcast
Ppn. Sol. Trace in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 33$   
 $HDD = 32$   
 $\Sigma HDD = 108$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_L = 0.84''$

$T_{DAVIS} = M/M$   
 $T_{UNV} = 25^\circ/19^\circ$

$T_w = 22.5^\circ$   
 $T_D = 20^\circ$

$PCN_{LTS} = 0.01''$   
 $\Sigma PCN_{LTS} = N/A$



Sunday, 5 December, 2004 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 45° °F	Dir. SW	Temp 72 °F	* overnight low ~ 43°			
Min. * 23° °F	Vel. 10 m.p.h.	Read. 28.93 in.				
Set 44° °F	Char. gusty	Corr. 28.81 in.	0700	1300	1900	
R.H. 58 %	24 hr. Mov. _____ mi.	Sea L. 30.19 in.	Clds. As 9/10 Ac	Clds.	Clds. 5/10 Cu	
Ppn. Liq. 0.00 in.	Prev. Dir. _____	3 hr. Tend. /+3.0 mb	Wx M. Cloudy	Wx	Wx —	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.	

$$\begin{aligned} \bar{T} &= 34^{\circ} \\ HDD &= 31 \\ \Sigma HDD &= 139 \\ \Sigma CDD &= 0 \\ \Sigma PCNL &= 0.84^{\circ} \end{aligned}$$

$$\begin{aligned} T_{DAYS} &= M/M \\ T_{UNV} &= 43/32^{\circ} \end{aligned}$$

$$\begin{aligned} T_w &= 38.0^{\circ} \\ T_o &= 30^{\circ} \end{aligned}$$

Monday December 6, 2004 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. NW	Temp 71 °F			
Min.	31 °F	Vel. 5 m.p.h.	Read. 28.98 in.			
Set	36 °F	Char. Steady	Corr. 28.86 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. St 10/10 Cu	Clds. St 10/10 Cu	Clds. St 10/10 Cu
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -2 mb	Wx —	Wx —	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 25 mi.	Vis. 4 mi.	Vis. 4 mi.

T<sub>u</sub> = 40  
HDD = 25  
CDD = 0  
Σ HDD = 164  
Σ CDD = 0  
Σ PCNL = 0.89"

T<sub>unv</sub> = 36/28  
T<sub>avis</sub> = N/A

T<sub>w</sub> = -  
T<sub>d</sub> = 28

PCNL<sub>TB</sub> = N/A  
Σ PCNL<sub>TB</sub> = N/A

Tuesday December 7<sup>th</sup>, 2004

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. SE	Temp 73 °F		0705-0745-PL 0745-0900-SN 0900-1005-PL-SN 1005-0600-D <sub>3</sub> -RA (OOCL)		
Min. * 34 °F	Vel. 2 m.p.h.	Read. 28.80 in.		* DUNT LOW 38		
Set 40 °F	Char. light	Corr. 28.68 in.		0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.04 in.		Clds. Cu 10/10 St	Clds.	Clds. st 10/10 Mc Ns
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. 1.0 mb		Wx Valley Fog	Wx	Wx SHRA
Ppn. Sol. 0.1 in.	Snow Depth — in.	Observer KAA		Vis. ~4 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 38$   
 $HDD = 27$   
 $CDD = 0$   
 $\Sigma HDD = 191$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_U = 0.99$   
 $\Sigma PCN_S = 0.1$

$T_{UNV} = 40/40$   
 $T_{DAVIS} = 40/40$

$T_W = 42$   
 $T_d = 41$

$PCN_{UB} = N/A$   
 $\Sigma PCN_{UB} = N/A$

Wednesday December 8, 2004

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	W	Temp	74 °F	*Evening Low - 43		
Min.	40* °F	Vel.	15 m.p.h.	Read.	28.74 in.	0820 - 1300 LT SHRA		
Set	48 °F	Char.	Gusty	Corr.	28.61 in.	1840 - 1900 +SHRA		
R.H.	80 %	24 hr. Mov.	- mi.	Sea L.	29.97 in.	0700	1300	1900
Ppn. Liq.	0.25 in.	Prev. Dir.	-	3 hr. Tend.	4.2 mb	Clds.	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	TRH	Wx	Wx	Wx
						Breezy		
						Vis.	Vis.	Vis.
						25 mi.	mi.	mi.

$\bar{T} = 47$   
HDD = 18  
CDD = 0  
 $\Sigma \text{HDD} = 209$   
 $\Sigma \text{CDD} = 0$   
 $\Sigma \text{PCN}_L = 1.24$   
 $\Sigma \text{PCN}_S = .1$

$T_{\text{Davis}} = 48142$   
 $T_{\text{UNV}} = 48141$

$T_w = 45$   
 $T_d = 42$

$\text{PCN}_{\text{LB}} = \text{N/A}$   
 $\Sigma \text{PCN}_{\text{RB}} = \text{N/A}$



Thursday December 9, 2004  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.				
Max.	49 °F		Dir.	ESE		Temp	73 °F			
Min.	34 °F		Vel.	0 m.p.h.		Read.	28.93 in.			
Set	34 °F		Char.	Calm		Corr.	28.80 in.			
R.H.	72 %		24 hr. Mov.	— mi.		Sea L.	30.21 in.			
Ppn.	Liq.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	-.7 mb		
Ppn.	Sol.	— in.		Snow Depth	— in.		Observer	TPH		
						0700	1300	1900		
						Clds.	CS		Clds.	
						9/10	AS		Clds.	
						Wx	—		Wx	
						Wx	—		Wx	
						Vis.	25 mi.		Vis.	
						Vis.	— mi.		Vis.	
						Vis.	20 mi.		Vis.	

$\bar{T} = 42$   
CDD = 0  
HDD = 23  
 $\Sigma CDD = 0$   
 $\Sigma HDD = 232$   
 $\Sigma PCN_L = 1.24$   
 $\Sigma PCN_S = 0.10$

$\bar{T}_{Davis} = 34/33$   
 $\bar{T}_{UNV} = 32/32$

$\bar{T}_w = 36$   
 $\bar{T}_d = 26$

PCN<sub>LTB</sub> = N/A  
 $\Sigma PCN_{LTB} = N/A$

Friday December 10, 2004 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	* overnight low 410 1410-1940 LT - SH2A 1940-2113 LT SH2A 2114-2305 LT - SH2A 2306-0228 LT - SH2A 0229-0312 LT - SH2A 0645-085 LT - SH2A			
44 °F	ENE	73 °F				
Min.	Vel.	Read.				
34 °F	3 m.p.h.	28.52 in.				
Set	Char.	Corr.	0700	1300	1900	
43 °F	cum	28.39 in.	Clds.	Clds.	Clds.	
R.H.	24 hr. Mov.	Sea L.	10/10 ST	10 Cu, Sc	10 St, Sc	
100 %	— mi.	29.75 in.	Wx	Wx	Wx	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	- SH2A	- RA	- DZ + FG	
0.42 in.	—	-.7 mb	Vis.	Vis.	Vis.	
Ppn. Sol.	Snow Depth	Observer	5 mi.	25 mi.	3 mi.	
0.0 in.	0 in.	SM				

$\bar{F} = 39$   
HDD = 26  
CDD = 0  
 $\Sigma$ HDD = 258  
 $\Sigma$ CDD = 0  
 $\Sigma$ PCWL = 1.166"

Tdays = 43/43  
Tunv = 43/43

Tw = 43  
Td = 43

PCWLTS = N/A  
 $\Sigma$ PCWLTS = N/A

Saturday, 11 December, 2004 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	0900-1005LT: -RA			
45 °F		WNW	71.5 °F	1015-1630LT: -RA/RA, with +RA			
				1340-1350LT			
Min.		Vel.	Read.	2010-0040LT: OCNL -RA			
43* °F		7 m.p.h.	28.25 in.	0450-0510LT: -RA SH/-DB			
Set		Char.	Corr.	* overnight low also 43			
44 °F		steady	28.13 in.	0700	1300	1900	
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
88 %		— mi.	29.48 in.	10 Sc, Cu, 10 St		10 Cu, Sc	
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.43 in.		—	✓ +0.1 mb	overcast		overcast	
Ppn. Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.		0 in.	AGM	25 mi.	mi.	15 mi.	



$T = 44^\circ$   
 $HDD = 21$   
 $\Sigma HDD = 279$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_L = 2.09''$   
 $\Sigma PCN_S = 0.1''$

$T_{DAVIS} = 43.5^\circ/41^\circ$   
 $T_{UNV} = 45^\circ/41^\circ$

$T_w = 42.5^\circ$   
 $T_D = 41^\circ$

$PCN_{LTB} = 0.36''$   
 $\Sigma PCN_{LTB} = N/A$

Sunday, 12 December, 2004 0700 EST

Temp.			Wind			Barom.			General Obs.		
Max.	45 °F		Dir.	WNW		Temp	72 °F		1710-1835 LT: -SN, ocnl-RA/-SN		
Min.	33 °F		Vel.	12 G 18 m.p.h.		Read.	28.54 in.		2120-2330 LT: -SN		
Set	35 °F		Char.	breezy		Corr.	28.42 in.		2330 LT-OBS: ocnl-SN, otherwise --SN SH. Most snow observed on car tops at 0230 LT - dusting, before sublimating/melting.		
R.H.	87 %		24 hr. Mov.	— mi.		Sea L.	29.80 in.		0700	1300	1900
Ppn. Liq.	0.02 in.		Prev. Dir.	—		3 hr. Tend.	+0.8 mb		Clds.	Clds.	Clds.
Ppn. Sol.	T in.		Snow Depth	0 in.		Observer	AGM		$\frac{10}{10}$ St, Sc		St $\frac{10}{10}$
									Wx	Wx	Wx
									Overcast		—
									Vis.	Vis.	Vis.
									25 mi.	mi.	10 mi.

$T = 39^\circ$

HDD = 26

$\Sigma$ HDD = 30.5

$\Sigma$ CDD = 0

$\Sigma$ PCN<sub>L</sub> = 2.11"

$\Sigma$ PCN<sub>S</sub> = 0.1"

$T_{DAVIS} = 34.5^\circ/31^\circ$

$T_{UNV} = 36^\circ/30^\circ$

$T_w = 33.5^\circ$

$T_D = 31.5^\circ$

PCN<sub>LTR</sub> = 0.00"

$\Sigma$ PCN<sub>LTR</sub> = N/A



Monday December 13, 2024 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. WSW	Temp 72 °F	1515-1705 LT -SN 1945-2018 LT -SN 2353-0000 LT -SNRA 0629-0835 SN		
Min.	33 °F	Vel. 8 m.p.h.	Read. 28.39 in.			
Set	33 °F	Char. light	Corr. 28.27 in.	0700	1300	1900
R.H.	92 %	24 hr. Mov. — mi.	Sea L. 29.65 in.	Clds. 10/10 <sup>sc</sup>	Clds. 10/10 <sup>st</sup> <sub>sc</sub>	Clds. 10/10 <sup>st</sup> <sub>sc</sub>
Ppn. Liq.	0.02 in.	Prev. Dir. —	3 hr. Tend. 7.9 mb	Wx SN	Wx Flurries	Wx —
Ppn. Sol.	0.1 in.	Snow Depth T in.	Observer JLM	Vis. 10 mi.	Vis. 10 mi.	Vis. 10 mi.

$\bar{r} = 31$   
HDD = 28  
COD = 0  
 $\Sigma \text{HDD} = 333$   
 $\Sigma \text{COD} = 0$   
 $\Sigma \text{PCWL} = 2.13''$   
 $\Sigma \text{solid} = 0.2''$

T Davis = 33/31  
T unv = 34/30

Tw = -  
Td = 31

PCWL TB = N/A  
 $\Sigma \text{PCWL TB} = \text{N/A}$

Tuesday December 14, 2004  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F		Dir. W	Temp 72 °F	LT SN 07:00 → 07:15 LT OCCN LTSN 09:30 → 11:20 LT SN 12:07 → 13:30 LT OCCN LTSN 16:00 → 21:15 LT LT SN 01:50 → 02:50 LT SN 0:00 → OBS LT		
Min. 27 °F		Vel. 6 m.p.h.	Read. 28.98 in.			
Set 27 °F		Char. light	Corr. 28.76 in.	0700	1300	1900
R.H. 100 %		24 hr. Mov. - mi.	Sea L. 30.19 in.	Clds. du 10/10 6e	Clds.	Clds. sc 9/10 st cu
Ppn. Liq. 0.02 in.		Prev. Dir. -	3 hr. Tend. / +1 mb	Wx Flurries	Wx	Wx -SN
Ppn. Sol. 0.2 in.		Snow Depth T in.	Observer KAA	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 31$   
HDD = 34  
CDD = 0  
 $\Sigma TDD = 307$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_L = 2.15''$   
 $\Sigma PCN_U = 0.4''$

TUNV = 28/19  
TDAVIS = 28/19

TW = 32  
Td = 29

PCN<sub>LTB</sub> = N/A  
PCN<sub>UTB</sub> = N/A



T = 25  
CDD = 0  
HDD = 40  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 407  
 $\Sigma$ PCNL = 2.15'  
 $\Sigma$ PCNs = 0.4'

Tony = 2/1/16  
T Davis = 2/1/16

Tw = N/A  
Td = 16

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A

Thursday, December 16, 2004 0700 EST Meteorological Observatory  
 University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	29 °F	Dir.	WSW	Temp	0720 - 0800 - SHSN		
				74 °F			
Min.	21 °F	Vel.	2 m.p.h.	Read.			
				29.16 in.			
Set	21 °F	Char.	Steady	Corr.	0700	1300	1900
				29.03 in.			
R.H.	74 %	24 hr. Mov.	— mi.	Sea L.	Clds.	Clds.	Clds.
				30.49 in.	4/10 ci		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	Wx
T	in.	—	-.12 mb	—			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
T	in.	0 in.	TPH	25 mi.		mi.	mi.

T = 25  
CDD = 0  
HDD = 40  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 447  
 $\Sigma$ PCN<sub>L</sub> = 2.15"  
 $\Sigma$ PCN<sub>S</sub> = 0.4"

T<sub>davis</sub> = 2215  
T<sub>own</sub> = 2115

T<sub>w</sub> = N/A  
T<sub>d</sub> = 15

PCN<sub>LB</sub> = N/A  
 $\Sigma$ PCN<sub>LB</sub> = N/A



Friday December 17, 2004 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	overnight low 24 0117-0301 CCL -SN			
41 °F		W	74 °F				
Min.		Vel.	Read.				
20* °F		15 m.p.h.	28.98 in.				
Set		Char.	Corr.	0700	1300	1900	
35 °F		breezy	28.86 in.				
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
76 %		- mi.	30.26 in.	1 3/16 cu			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T	in.	-	+1 / mb	valley fog			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T	in.	T in.	SLM	20 mi.	mi.	mi.	



$\bar{T} = 31$   
HOD = 34  
KOD = 0  
 $\Sigma HOD = 481$   
 $\Sigma COD = 0$   
 $\Sigma PNL = 2.15''$   
 $\Sigma PNL_{solid} = 0.4''$

$T_{cwis} = 35/28$   
 $T_{unv} = 36/27$

$T_w = -$   
 $T_d = 28$

$PNL_{TB} = N/A$   
 $\Sigma PNL_{TB} = N/A$

Saturday, 18 December, 2009 700 EST

Temp.			Wind			Barom.			General Obs.		
Max.	Dir.	Temp									
36 °F	—	71.5 °F									
Min.	Vel.	Read.									
18 °F	0 m.p.h.	28.97 in.									
Set	Char.	Corr.									
18 °F	calm	28.85 in.				0700	1300	1900			
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.						
92 %	— mi.	30.31 in.	0 10		10/10 <sup>CS</sup> St						
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx clear and calm winter morning			Wx			Wx		
0.00 in.	—	— 0.6 mb									
Ppn. Sol.	Snow Depth	Observer	Vis.			Vis.			Vis.		
0.0 in.	0 in.	AGM	25 mi.			mi.			25 mi.		



$\bar{T} = 27^\circ$   
HDD = 38  
 $\Sigma \text{HDD} = 519$   
 $\Sigma \text{CDD} = 0$   
 $\Sigma \text{PCN}_L = 2.15''$   
 $\Sigma \text{PCN}_S = 0.4''$

$T_{\text{DAYS}} = 20.5^\circ / 16.5^\circ$   
 $T_{\text{HVV}} = 18^\circ / 16^\circ$

$T_w = -$   
 $T_D = 16^\circ$

$\text{PCN}_{\text{LTB}} = 0.00''$

$\Sigma \text{PCN}_{\text{LTB}} = \text{N/A}$

Sunday, December 19, 2004  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	36 °F	Dir.	SW	Temp	73 °F	*Overnight Low - 30*		
Min.	18* °F	Vel.	2 m.p.h.	Read.	28.55 in.			
Set	33 °F	Char.	Calm	Corr.	28.42 in.			
R.H.	85 %	24 hr. Mov.	— mi.	Sea L.	29.80 in.	0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	-1.41 mb	Clds.	Clds.	Clds.
						10/10 st		10/10 st
						Wx	Wx	Wx
						—		—
Ppn.	0.0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.
						TPT	25 mi.	25 mi.

$\bar{T} = 27$   
CDD = 0  
HDD = 38  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 557  
 $\Sigma$ PCN<sub>L</sub> = 2.15'  
 $\Sigma$ PCN<sub>S</sub> = 0.4"

$\bar{T}_{\text{davis}} = 33/29$   
 $\bar{T}_{\text{UNV}} = 32/28$

$\bar{T}_w = \text{N/A}$   
 $\bar{T}_d = 29$

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A

Monday, December 20, 2004 0700 EST Meteorological Observatory  
 University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. NNW	Temp 74 °F	Obs - 0720 - SHSN		
Min.	1 °F	Vel. 10 m.p.h.	Read. 28.84 in.	1340 - 1400 - SHSN		
Set	2 °F	Char. Breezy	Corr. 28.71 in.	1540 - 1600 - SHSN		
				0700	1300	1900
R.H.	59 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 0/10	Clds.	Clds. <sup>CP</sup> 0/10 Ci
Ppn. Liq.	1 in.	Prev. Dir. —	3 hr. Tend. +1.1 / mb	Wx —	Wx	Wx —
Ppn. Sol.	T in.	Snow Depth T in.	Observer TPH	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 20$   
CDD = 0  
HDD = 45  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 602  
 $\Sigma$ PCNL = 2.15"  
 $\Sigma$ PCNS = 0.4"

$\bar{T}_{\text{davis}} = 11-9$   
 $\bar{T}_{\text{UNV}} = 11-7$

$\bar{T}_w = \text{N/A}$   
 $\bar{T}_d = -9$

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A



Tuesday, December 21, 2004  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 19 °F	Dir. SW	Temp 74 °F	*Overnight Low - 10*			
Min. 2* °F	Vel. 2 m.p.h.	Read. 28.75 in.				
Set 18 °F	Char. Calm	Corr. 28.62 in.	0700	1300	1900	
R.H. 45 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. Ci 8/10 Cs	Clds.	Clds. Sc 10/10 St Cs	
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. -.61 mb	Wx —	Wx	Wx —	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer TPH	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 11$   
CDD = 0  
HDD = 54  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 656  
 $\Sigma$ PCN<sub>L</sub> = 2.15"  
 $\Sigma$ PCN<sub>S</sub> = 0.4'

$\bar{T}_{\text{Davis}} = 18/0$   
 $\bar{T}_{\text{UNV}} = 15/5$

$T_w = \text{N/A}$   
 $T_d = 0$

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A

Wednesday December 22, 2004 Meteorological Observatory  
 0700 EST University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. WSW	Temp 74 °F	*Overnight Low - 28*		
Min.	18* °F	Vel. 2 m.p.h.	Read. 28.92 in.			
Set	30 °F	Char. Calm	Corr. 28.79 in.			
R.H.	69 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	0700 Clds. 10/10 SC ST CS	1300 Clds.	1900 Clds. 10/10 SC
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +.31 mb	Wx —	Wx	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer TPH	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

T = 30  
CDD = 0  
HDD = 35  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 691  
 $\Sigma$ PCN<sub>L</sub> = 2.15"  
 $\Sigma$ PCN<sub>S</sub> = 0.4"

$\overline{T}_{\text{Davis}} = 31/21$   
 $\overline{T}_{\text{UNV}} = 28/21$

$\overline{T}_w = \text{N/A}$   
 $\overline{T}_d = 21$

PCN<sub>AB</sub> = N/A  
 $\Sigma$ PCN<sub>AB</sub> = N/A

Thursday, December 23, 2004 Meteorological Observatory  
 0700 EST University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	51 °F	Dir.	S	Temp	*Overnight Low - 40* 0840 - 0920 FZDZ 0420 - obs - SHRA			
Min.	30* °F	Vel.	15 m.p.h.	Read.				28.61 in.
Set	50 °F	Char.	Gusty	Corr.				28.48 in.
R.H.	100 %	24 hr. Mov.	— mi.	Sea L.	29.82 in.	0700	1300	1900
Ppn. Liq.	0.05 in.	Prev. Dir.	—	3 hr. Tend.	-1.61 mb	Clds. $\frac{N}{10}$ $\frac{st}{st}$	Clds.	10/10 $\frac{st}{st}$
Ppn. Sol.	T in.	Snow Depth	0 in.	Observer	TPH	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						7 mi.	mi.	25 mi.

T = 41  
CDD = 0  
HDD = 24  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 715  
 $\Sigma$ PCNL = 2.20"  
 $\Sigma$ PCNs = 0.4"

T<sub>davis</sub> = 50149  
T<sub>UNV</sub> = 51146

T<sub>w</sub> = 50  
T<sub>d</sub> = 50

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A

Friday, December 24, 2004  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.				
Max.	55 °F	Dir.	W	Temp	70 °F	Obs - 1440 SHRA 00CL+SHRA 2300-2320 - SHSN 0140-0200 - SHSN			
Min.	22 °F	Vel.	3 m.p.h.	Read.	29.00 in.				
Set	22 °F	Char.	Steady	Corr.	28.88 in.	0700	1300	1900	
R.H.	68 %	24 hr. Mov.	- mi.	Sea L.	30.33 in.	Clds.	8/10 Sc	Clds.	9/10 St
Ppn.	0.49 in.	Prev. Dir.	-	3 hr. Tend.	+0.2 mb	Wx	-	Wx	Wx
Ppn.	T in.	Sol.	0 in.	Snow Depth	0 in.	Observer	TPH	Vis.	25 mi.

$I = 34$   
CDD = 0  
HDD = 26  
 $\Sigma$ CDD = 0  
 $\Sigma$ HDD = 741  
 $\Sigma$ PCNL = 2.69  
 $\Sigma$ PCNs = 0.4"

$\bar{i}_{\text{davis}} = 21/13$   
 $\bar{i}_{\text{UNV}} = 23/14$

$\bar{T}_w = \text{N/A}$   
 $\bar{T}_d = 13$

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A



SATURDAY 25 DECEMBER 2024  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	24 °F		Dir.	-		Temp	76 °F		
Min.	10 °F		Vel.	- m.p.h.		Read.	29.06 in.		
Set	10 °F		Char.	CALM		Corr.	28.92 in.		
R.H.	73 %		24 hr. Mov.	- mi.		Sea L.	30.41 in.		
Ppn.	0.00 in.		Prev. Dir.	-		3 hr. Tend.	+0.2 mb		
Ppn.	0.0 in.		Snow Depth	0 in.		Observer	WJS		
						0700	1300	1900	
						Clds.	Clds.	Clds.	
						1/10 <i>st, condensation</i>		1/10 <i>Clear</i>	
						Wx	Wx	Wx	
						MCARY		-	
						Vis.	Vis.	Vis.	
						25 mi.	mi.	26 mi.	

$$\begin{aligned} I &= 17 \\ HDJ &= 48 \\ \Sigma PCN_L &= 2.69'' \\ \Sigma PCN_S &= 0.4'' \\ \Sigma HDJ &= 789 \end{aligned}$$

$$\begin{aligned} T_{DMS} &= 10/3 \\ T_{UNV} &= 10/5 \end{aligned}$$

$$\begin{aligned} T_W &= M \\ \bar{T}_D &= 3 \end{aligned}$$

Sunday 26 December 2004

0700 EST  
 Meteorological  
 University Park, PA

General Obs.

Temp.		Wind	Barom.	*OUNT LOW 12		
Max.	22 °F	Dir. ENE	Temp 77 °F			
Min.	10* °F	Vel. 1 m.p.h.	Read. 29.02 in.			
Set	15 °F	Char. VERY light	Corr. 28.89 in.	0700	1300	1900
R.H.	71 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. Ae As 8/10	Clds.	Clds. Sc Cu 10/10
Ppn. Liq.	— in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx —	Wx	Wx —
Ppn. Sol.	— in.	Snow Depth — in.	Observer KAA	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\sum HDB = 49$   
 $CDB = 0$   
 $\sum HDB = 838$   
 $\sum CDB = 0$   
 $\sum PCN_L = 2.69''$   
 $\sum PCN_S = 0.4''$

$T_{DAVIS} = 15/9$   
 $T_{WUV} = 14/10$

$T_w = 26$   
 $T_d = 7$

$PCN_{UTB} = M$   
 $\sum PCN_{UTB} = M$

Monday 27 December 2004

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	25 °F	Dir. NNW	Temp 76 °F			
Min.	14 °F	Vel. 10 m.p.h.	Read. 29.21 in.			
Set	14 °F	Char. light with gusts	Corr. 29.08 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	Clds. 2/10 Cu	Clds. 0/10	Clds. Clear
Ppn.	T in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx —	Wx —	Wx —
Ppn.	T in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$I = 20$$

$$HDD = 45$$

$$CDD = 0$$

$$\Sigma HDD = 883$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 2.69''$$

$$\Sigma PCN_S = 0.4''$$

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

$$T_{UNU} =$$

$$T_w = 18$$

$$T_d = 7$$

$$PCN_{LTB} = M$$

$$\Sigma PCN_{LTB} = M$$

Tuesday 28 December 2004 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	23 °F	Dir.	W	Temp	77 °F			
Min.	13 °F	Vel.	2 m.p.h.	Read.	29.95 in.			
Set	14 °F	Char.	light	Corr.	29.22 in.	0700	1300	1900
R.H.	108 %	24 hr. Mov.	— mi.	Sea L.	30.50 in.	Clds. Sc 10/10 Cu	Clds. Cu 5/10 Ac Cs	Clds. Clear
Ppn.	— in.	Prev. Dir.	—	3 hr. Tend.	1.0 mb	Wx —	Wx —	Wx —
Ppn.	— in.	Snow Depth	— in.	Observer	KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$T = 18$$

$$HDD = 47$$

$$CDD = 0$$

$$\sum HDD = 930$$

$$\sum CDD = 0$$

$$\sum PCN_L = 2.69''$$

$$\sum PCN_S = 0.4''$$

$$TDAVIS = 14/6$$

$$TUNV = 16/7$$

$$T_w = 15$$

$$T_d = 7$$

$$PCN_{LTB} = M$$

$$\sum PCN_{LTB} = M$$



Wednesday 29 December 2004  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. WSW	Temp 76 °F	* EVENING LOW 28, TEMP ROSE OVRT.			
Min. 44 °F	Vel. 15 m.p.h.	Read. 28.96 in.				
Set 42 °F	Char. light to moderate	Corr. 28.83 in.	0700	1300	1900	
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 9/10	C4 Sc	Clds. 10/10	C4 Sc
Ppn. — in.	Prev. Dir. —	3 hr. Tend. +0.75 mb	Wx —	Wx —	Wx —	Wx —
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$T = 29$   
HDD = 36  
CDD = 0  
 $\Sigma \text{HDD} = 966$   
 $\Sigma \text{CDD} = 0$   
 $\Sigma \text{PCN}_L = 2.69''$   
 $\Sigma \text{PCN}_S = 0.4''$

TDAVIS = 43/29  
TUNV = 43/29

TW = 37  
Td = 29

93

$\text{PCN}_{LTS} = M$   
 $\Sigma \text{PCN}_{LTS} = M$

Thursday December 30, 2004

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. W	Temp 77 °F			
Min.	30 °F	Vel. 1 m.p.h.	Read. 29.20 in.			
Set	33 °F	Char. Calm	Corr. 29.07 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov. — mi.	Sea L. 30.49 in.	Clds. St 10/10	Clds. St 1/40 Sc	Clds. Sc 9/10
Ppn. Liq.	— in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Fog	Wx Cloudy	Wx M. Cloudy
Ppn. Sol.	— in.	Snow Depth — in.	Observer KAA	Vis. ~5 mi.	Vis. ~8 mi.	Vis. ~7 mi.

3

$$T = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\Sigma HDD = 994$$

$$ECDD = 0$$

$$\Sigma PCN_L = 2.69''$$

$$\Sigma PCN_S = 0.4''$$

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

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

$$T_w = 34$$

$$T_d = 33$$

DEC. TEMP'S.

$$\bar{T}_{MAX} = 39.6$$

$$\bar{T}_{MIN} = 24.1$$

$$\bar{T}_{DEC} = 31.8$$

$$PCN_{LTB} = M$$

$$\Sigma PCN_{LTB} = M$$

Friday, December 31, 2004

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	43 °F	Dir.	NW	Temp	77 °F	**Sprinkles at 08 *0 UNT LOW 40	
Min.	32 °F	Vel.	3 m.p.h.	Read.	29.12 in.		
Set	42 °F	Char.	light	Corr.	28.99 in.	0700	1300
R.H.	100 %	24 hr. Mov.	— mi.	Sea L.	30.38 in.	Clds. Ws 10/10	Clds. St 10/10
Ppn.	**T in.	Prev. Dir.	—	3 hr. Tend.	1-0.90mb	Wx Sprinkles	Wx Cloudy
Ppn.	0.0 in.	Snow Depth	— in.	Observer	MLS	Vis.	Vis.
						~17 mi.	~17 mi.
							~10 mi.

Clds. Sc  
9/10

Wx  
M. Cloudy

$T = 38$   
 $HDD = 27$   
 $CDD = 0$   
 $\Sigma HDD = 1021$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_L = 2.69''$   
 $\Sigma PCN_S = 0.4''$

$T_{DAVIS} = N/A$   
 $T_{UNV} = 41/34$

$T_w = N/A$   
 $T_d = N/A$

$PCN_{LTB} = M$   
 $\Sigma PCN_{LTB} = M$