

Tuesday, February 1, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	35 °F		Dir.	—		Temp	72 °F		
Min	13 °F		Vel.	0 m.p.h.		Read.	29.16 in.		
Set	15 °F		Char.	Calm		Corr.	29.04 in.		
R.H.	84* %		24 hr. Mov.	— mi.		Sea L.	30.51 in.		
Ppn. Liq.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	/+0.05mb		
Ppn. Sol.	0.0 in.		Snow Depth	3 in.		Observer	MLS		
						0700	1300	1900	
						Clds. St	Clds.	Clds.	
						1/10 Cs	1/10 Ci	0/10	
						Wx Mostly	Wx A bright	Wx	
						Clear	and mild start	Clear	
						to February			
						Vis.	Vis.	Vis.	
						~10 mi.	25 mi.	25 mi.	

Valley Fog
*From Davis

$$\begin{aligned}T &= 24 \\HDD &= 41 \\COD &= 0 \\ \Sigma HDD &= 41 \\ \Sigma COD &= 0 \\ \Sigma PCN_L &= 0.00'' \\ \Sigma PCN_S &= 0.00''\end{aligned}$$

$$\begin{aligned}T_{DAVIS} &= 15/11 \\ T_{UNU} &= 14/12\end{aligned}$$

$$\begin{aligned}T_w &= M \\ T_d &= M\end{aligned}$$

$$\begin{aligned}PCN_{LTS} &= M \\ \Sigma PCN_{LTS} &= M\end{aligned}$$

Wednesday February 2, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. E	Temp 73 °F			
Min.	14 °F	Vel. 0 m.p.h.	Read. 29.29 in.			
Set	16 °F	Char. light	Corr. 29.17 in.	0700	1300	1900
R.H.	87 %	24 hr. Mov. — mi.	Sea L. 30.67 in.	Clds. Ci 2/10	Clds.	Clds. Cs 9/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. 4 / mb	Wx valley Fog	Wx	Wx —
Ppn. Sol.	00 in.	Snow Depth 3 in.	Observer JEM	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{F} = 26$
 $HDD = 39$
 $CDD = 0$
 $\Sigma HDD = 80$
 $\Sigma CDD = 0$
 $\Sigma PCNL = 0''$

$T_{days} = 17/14$
 $T_{inv} = 14/12$

$T_{w} = -$
 $T_a = 14$

$\rho_{CNLTB} = N/A$
 $\Sigma \rho_{CNLTB} = N/A$

Thursday, February 3, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.				
Max.	40 °F	Dir.	ESE	Temp	*Overnight Low - 31				
Min.	16* °F	Vel.	0 m.p.h.	75 °F					
Set	32 °F	Char.	Calm	Read.				29.07 in.	
R.H.	49 %	24 hr. Mov.	- mi.	Sea L.	30.36 in.	0700		1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	-0.61 mb	Clds.	10/10 St Sc	Clds.	10/10 Sc
Ppn. Sol.	0.0 in.	Snow Depth	3 in.	Observer	TPH	Wx	-	Wx	Cloudy vl - 200 vl - 600
						Vis.	20 mi.	Vis.	~20 mi.
						Vis.		Vis.	3 mi.

T = 28
HDD = 37
CDD = 0
 Σ HDD = 117
 Σ CDD = 0
 Σ PCN_L = 0.00
 Σ PCN_S = 0.0

T_{Davis} = 32115
T_{UNV} = 28119

T_w = -
T_d = 15

PCN_{DB} = N/A
 Σ PCN_{DB} = N/A

Friday, 4 February, 2005

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. N	Temp 75 °F	-SN/-GP: 1115-1255LT ONNL -SN/-GP: 1255-1430LT -SN/-GP: 1430-1920LT, WITH OCNL SN/GP 1500-1630, 1645-1645LT. -SN: 1950-2246LT Sporadic Accumulations < 1645LT ~ 0.3" Accumulation 1950-2245 ~ 0.5"			
Min. 29 °F	Vel. 2 m.p.h.	Read. 29.12 in.	0700	1300	1900	
Set 31 °F	Char. light	Corr. 28.99 in.				
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.41 in.	Clds. 1/10 As, St	Clds. 1/10 u	Clds. 0/10	
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. /+1.3 mb	Wx M. Cloudy	Wx Clear	Wx Heavy at sunset + Clear	
Ppn. Sol. 0.0 in.	Snow Depth 3 in.	Observer AGM	Vis. ~12 mi.	Vis. 25 mi.	Vis. 25 mi.	

T = 32°
HDD = 33
ΣHDD = 150
ΣPCN₁ = 0.09"
ΣPCN₂ = 0.8"

T_{DAVS} = 31.5°/29°
T_{HWV} = 32°/28°

T_w = —
T_b = 29°

PCN_{UTB} = 0.00"
ΣPCN_{UTB} = N/A



Saturday, 5 February, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir.	Temp			
		-	74 °F			
Min.	22 °F	Vel.	Read.			
		0 m.p.h.	29.25 in.			
Set	22 °F	Char.	Corr.	<i>spotty frost at observation</i>		
		calm	29.13 in.	0700	1300	1900
R.H.	88 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		- mi.	30.59 in.	$\frac{0}{10}$	$\frac{0}{10}$	$\frac{0}{10}$
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		-	+1.4 mb	Clear yet Hazy	Bright	Clear
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		2 in.	AGM	25 mi.	25 mi.	25 mi.

$T = 35^\circ$
HDD = 30
 $\Sigma \text{HDD} = 180$
 $\Sigma \text{CDD} = 0$

$T_{\text{DAVIS}} = 24^\circ / 19.8^\circ$
 $T_{\text{UNY}} = 25^\circ / 21^\circ$

$T_w = -$
 $T_0 = 20^\circ$

$\Sigma \text{PCN}_L = 0.07''$
 $\Sigma \text{PCN}_S = 0.8''$

$\text{PCN}_{L10} = 0.00''$
 $\Sigma \text{PCN}_{L10} = N/A$

0700 EST

Sunday, 6 February, 2005

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir.	Temp			
		—	74.5 °F			
Min.	22 °F	Vel.	Read.			
		0 m.p.h.	29.40 in.			
Set	25 °F	Char.	Corr.	* Overnight low = 25°F		
		calm	29.28 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.74 in.	0/10		0/10
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	+1.8 mb	continued clear + calm		Clear
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		1 in.	AGM	25 mi.	mi.	25 mi.

$$T = 35^\circ$$

$$HDD = 30$$

$$\Sigma HDD = 210$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.09''$$

$$\Sigma PCN_S = 0.8''$$

$$T_{DAVIS} = 27^\circ / 23^\circ$$

$$T_{LWT} = 25^\circ / 23^\circ$$

$$T_W = -$$

$$T_D = 23^\circ$$

$$PCN_{LTB} = 0.00''$$

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

Monday 7 February 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. ESE	Temp 75 °F			
Min.	* 25 °F	Vel. 1 m.p.h.	Read. 29.20 in.			
Set	32 °F	Char. light	Corr. 29.08 in.	* DONT LOW 3 ~		
				0700	1300	1900
R.H.	73 %	24 hr Mov. — mi.	Sea L. 30.51 in.	Clds. 2/10 Cu	Clds. Ac 5/10 Cs	Clds. Ac 5/10
Ppn.	Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 1-0.6 mb	Wx Haze	Wx —	Wx Cloudy
Ppn.	Sol. 0.0 in.	Snow Depth / in.	Observer KPA	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 38$$

$$\#DD = 27$$

$$CDD = 0$$

$$\Sigma HDD = 237$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.09''$$

$$\Sigma PCN_{SNOW} = 0.8''$$

$$T_{davis} = 37/28$$

$$T_{UNV} = 32/25$$

$$T_w = M$$

$$T_d = 28$$

$$PCN_{LB} = M$$

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

Tuesday, February 8, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F	Dir. —	Temp 76 °F	- RA 0800 - OBS LT			
Min. 32 * °F	Vel. 0 m.p.h.	Read. 28.90 in.				
Set 39 °F	Char. Calm	Corr. 28.77 in.	* just low 39			
			0700	1300	1900	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. St 10/10 Ns	Clds. 10 Ns, St	Clds. Ns, 19/10 St	
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. -1.2 mb	Wx Light Rain	Wx Cloudy, light fog in vicinity	Wx -OZ	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer MLS	Vis. ~3 mi.	Vis. 5 mi.	Vis. 5 mi.	

$$\begin{aligned}\bar{T} &= 42 \\ \text{HDD} &= 23 \\ \text{CDD} &= 0 \\ \Sigma \text{HDD} &= 260 \\ \Sigma \text{CDD} &= 0 \\ \Sigma \text{PCN}_L &= 0.22'' \\ \Sigma \text{PCN}_S &= 0.8''\end{aligned}$$

$$\begin{aligned}T_{\text{DAVIS}} &= 37/36 \\ T_{\text{inv}} &= 36/36\end{aligned}$$

$$\begin{aligned}T_w &= M \\ T_d &= M\end{aligned}$$

$$\begin{aligned}\text{PCN}_{\text{LTB}} &= M \\ \Sigma \text{PCN}_{\text{LTB}} &= M\end{aligned}$$

Wednesday February 9, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	085 - 0720 LT SHRA			
46 °F	SW	78 °F	0720 - 0940 LT - SHRA			
Min. *	Vel.	Read.	1530 - 1630 LT - SHRA			
37 °F	0 m.p.h.	28.76 in.	1845 - 1905 LT - OZ			
Set	Char.	Corr.	*TIES RECORD MAX MIN (1946)			
40 °F	Calm	28.57 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
97 %	— mi.	30.94 in.	10/10 NS ST		10/10 NS ST	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.02 in.	—	-1.6 mb	Valley Fog		-SHRA	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	T in.	SLM	5 mi.	mi.	5 mi.	

$\bar{T} = 42$
 $CDD = 0$
 $HDD = 23$
 $\Sigma HDD = 233$
 $\Sigma CDD = 0$
 $\Sigma PCNL = 0.24''$
 $\Sigma PCNL_{std} = 0.18''$

$T_{min} = 39/39$
 $T_{max} = 41/-$

$T_w = -$
 $T_d = 39$

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

Thursday, February 10, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	44 °F	Dir.	WNW	Temp	76 °F	1240-2100 LT SHRA OCCL + SHRA		
Min.	30 °F	Vel.	15 m.p.h.	Read.	28.55 in.	0300-0320 LT - SHSN		
Set	30 °F	Char.	Breezy	Corr.	28.42 in.	0700	1300	1900
R.H.	85 %	24 hr. Mov.	- mi.	Sea L.	29.82 in.	Clds. st 10/10 Sc	Clds. Sc, Cu, 1/10 Cc	Clds.
Ppn. Liq.	0.76 in.	Prev. Dir.	-	3 hr. Tend.	0 mb	Wx	Wx -- SN	Wx
Ppn. Sol.	1 in.	Snow Depth	0 in.	Observer	TPH	Vis.	Vis. ~14 mi.	Vis. mi.

T = 37
CDD = 0
HDD = 28
 Σ CDD = 0
 Σ HDD = 311
 Σ PCN_L = 1.00"
 Σ PCN_S = 0.8"

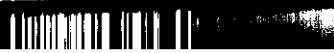
T_{davis} = 30/26
T_{UNV} = 32/26

T_w = N/A
T_d = 26

PCN_{LTB} = N/A
 Σ PCN_{LTB} = N/A

Friday, 11 February, 2005 0700 EST

Temp.			Wind	Barom.	General Obs.			
Max.	32 °F	Dir.	W	Temp	0830-2140 LT: 0CNL--SN/-SN SHs, No Accumulation			
Min.	19 °F	Vel.	7 m.p.h.	75 °F				
Set	19 °F	Char.	light	Read.				28.78 in.
R.H.	74 %	24 hr. Mov.	— mi.	Sea L.	30.09 in.	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir.	→	3 hr. Tend.	+0.3 / mb	Clds.	Clds.	Clds.
Ppn. Sol.	T in.	Snow Depth	0 in.	Observer	AGM	Wx	Wx	Wx
						Clear		10 Sc, 10 Nc
								Wx virga to NW
						Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.



$\bar{T} = 26^\circ$
HDD = 39
 $\Sigma CDD = 0$
 $\Sigma HDD = 350$
 $\Sigma PCN_L = 1.00"$
 $\Sigma PCN_S = 0.8"$

$T_{DAVIS} = 19.5^\circ/12.5^\circ$
 $T_{UNV} = 21^\circ/12^\circ$

$T_W = N/A$
 $T_S = 12^\circ$

$PCN_{LTS} = 0.00"$
 $\Sigma PCN_{LTS} = N/A$

Saturday, 12 February, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. W	Temp 75.5 °F	2040-0400LT: --SN 0615-083: --SN Dusting accumulating to all surfaces		
Min. 19° °F	Vel. 10 m.p.h.	Read. 28.61 in.			
Set 28 °F	Char. breezy	Corr. 28.48 in.	* Overnight low = 25°F at ~ 2000LT		
			0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 10 St, N2, 10 Ac	Clds.	Clds. 4 Sc, Ac
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. -0.3 ~ mb	Wx --SN/-SN	Wx	Wx breezy
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer AGM	Vis. 4 mi.	Vis. mi.	Vis. 25 mi.



$T = 27$
HDD = 38
 $\Sigma \text{CDD} = 0$
 $\Sigma \text{HDD} = 308$
 $\Sigma \text{PCN}_1 = 1.01^\circ$
 $\Sigma \text{PCN}_2 = 0.9^\circ$

$T_{\text{DAVIS}} = 27^\circ / 21.5^\circ$
 $T_{\text{UNV}} = 28^\circ / 25^\circ$

$T_w = \text{N/A}$
 $T_s = 22^\circ$

$\text{PCN}_{\text{UB}} = 0.00^\circ$
 $\Sigma \text{PCN}_{\text{UB}} = \text{N/A}$

Sunday, 13 February, 2005 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. N	Temp 74.5 °F	OBS - 1155LT: OCNL --SN/-SN Additional dusting to all surfaces, then snow melting after T=32° at ~11AM		
Min.	28 °F	Vel. 3 m.p.h.	Read. 28.94 in.			
Set	28 °F	Char. light	Corr. 28.82 in.			
R.H.	65 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. $\frac{2}{10}$ A, C	Clds.	Clds. 5/10 Cu
Ppn. Liq.	0.01 in.	Prev. Dir. —	3 hr. Tend. +2.0/ mb	Wx M. Clear	Wx	Wx —
Ppn. Sol.	0.1 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T = 33
HDD = 32
 Σ CDD = 0
 Σ HDD = 420
 Σ PCN₁ = 1.02"
 Σ PCN₂ = 1.0"

T_{DAVIS} = 28.5°/18.5°
T_{UMV} = 28°/19°

T_v = —
T_D = 19°

PCN_{LTB} = 0.00"
 Σ PCN_{LTB} = N/A

Monday 14 FEBRUARY 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. SE	Temp 76 °F	wintry mix 05:15 - 05:30 LT -SN 05:30 - 06:45 LT wintry mix 06:45 - 08:05		
Min.	28 °F	Vel. 12 m.p.h.	Read. 29.00 in.			
Set	32 °F	Char. breezy	Corr. 28.87 in.	*OUNTLOW 32		
R.H.	92 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	0700 Clds. 10/10 Cu	1300 Clds.	1900 Clds. N3 30/10 ST
Ppn. Liq.	0.02 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx wintry mix	Wx	Wx Rain
Ppn. Sol.	0.1 in.	Snow Depth T in.	Observer KATA	Vis. 2.5 mi.	Vis. mi.	Vis. -10 mi.

F = 34
HDD = 31
CDD = 0
Σ HDD = 451
Σ CDD = 0
Σ PCN_L = 1.04"
Σ PCN_{solid} = 1.1"

T DAVIS = 32/28
T UNV = 34/28

T_w = 31
T_d = 30

PCN_{LTB} = M
Σ PCN_{LTB} = M

Tuesday, February 15, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. SW	Temp 76 °F	Winty mix OBS - 10:30LT - Sn 10:30 - 14:40 LT			
Min. 32 °F	Vel. 5 m.p.h.	Read. 28.90 in.	Winty mix 1440 - 1800LT - Rn 1800 - 0130 LT *Overnight low 38°F			
Set 40* °F	Char. Variable	Corr. 28.77 in.	0700	1300	1900	
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. Sc 5/10	Clds. 3/10 Sc, Cn	Clds. 5/10 Sc	
Ppn. Liq. 0.73 in.	Prev. Dir. —	3 hr. Tend. /+1.1 mb	Wx P. Cloudy	Wx M. Clear and breezy	Wx —	
Ppn. Sol. 0.9 in.	Snow Depth 7 in.	Observer MLS	Vis. ~17 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\Sigma HDD = 479$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.77''$$

$$\Sigma PCN_S = 2.0''$$

$$T_{DAVIS} = 40/35$$

$$T_{Ouv} = 41/34$$

$$T_b = N/A$$

$$T_w = N/A$$

$$PCN_{LTO} = M$$

$$PCN_{LBO} = M$$

Wednesday February 16, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. SW	Temp 77 °F	* overnight low 45		
Min.	40 °F	Vel. 6 m.p.h.	Read. 28.50 in.			
Set	46 °F	Char. Steady	Corr. 28.37 in.			
R.H.	66 %	24 hr. Mov. — mi.	Sea L. 29.72 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -1.9 \ mb	Clds. Sc 6/10 cu ci	Clds. 10 st, cu, 10 10 Ns	Clds. 10 Cs 10 CU 20
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLM	Wx M. cloudy	Wx —	Wx —
				Vis. 25 mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{F} = 47$
HDD = 18
COD = 0
 $\Sigma \text{HDD} = 497$
 $\Sigma \text{COD} = 0$
 $\Sigma \text{PCWL} = 1.77''$
 $\Sigma \text{PCWL}_{\text{solid}} = 2.0'$

$T_{\text{dave}} = 48/38$
 $i_{\text{av}} = 43/36$

$T_{\text{d}} = 41$
 $T_{\text{el}} = 35$

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

Thursday, February 17, 2005
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F		Dir. W	Temp 76 °F	0820 - 1100 LT - SHRA 1400 - 1420 LT - SHRA 0140 - 0240 LT - SHSN 0600 - 0620 LT - SHSN		
Min. 28 °F		Vel. 13 m.p.h.	Read. 28.75 in.			
Set 28 °F		Char. Breezy	Corr. 28.62 in.	0700	1300	1900
R.H. 66 %		24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. Cs 7/10 St CU	Clds. Sc, Ac, 10 Nc	Clds.
Ppn. Liq. 0.07 in.		Prev. Dir. —	3 hr. Tend. 0 mb	Wx —	Wx --SN, SNSH]	Wx
Ppn. Sol. 1 in.		Snow Depth 1 in.	Observer TPH	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T} = 38$
HDD = 27
CDD = 0
 $\Sigma \text{HDD} = 524$
 $\Sigma \text{CDD} = 0$
 $\Sigma \text{PCN}_L = 1.84''$
 $\Sigma \text{PCN}_S = 2.0''$

$\bar{T}_{\text{davis}} = 28/18$
 $\bar{T}_{\text{UNV}} = 28/21$

$\bar{T}_w = \text{N/A}$
 $\bar{T}_d = 18$

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

Friday, 18 February, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. W	Temp 73.5 °F	Impressive lake-effect convective bands: OCNL -SN SHs: 1035-1130 LT, 1220-1400 LT, 1500-1750 LT, + 0515-085; with embedded brief -SN/SN bursts @ 1225-1235 LT, 13:50-13:55, 17:25-17:30 and 17:45-17:50 LT.		
Min.	16 °F	Vel. 10-20 m.p.h.	Read. 28.88 in.			
Set	16 °F	Char. breezy	Corr. 28.76 in.			
				0700	1300	1900
R.H.	60 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. $\frac{10}{10}$ Sc, Ms, Cb	Clds.	Clds.
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. / +1.6 mb	Wx -SN SH, core of SN SH passing to South	Wx	Wx
Ppn. Sol.	T in.	Snow Depth T in.	Observer AGM	Vis. SW-03-2, otherwise mi. -15	Vis. mi.	Vis. mi.

$$\bar{T} = 25^\circ$$

$$HDD = 40$$

$$\Sigma HDD = 0$$

$$\Sigma HDD = 564$$

$$\Sigma PCN_L = 1.84''$$

$$\Sigma PCN_S = 2.0''$$

$$T_{DAVIS} = 16.5^\circ / 8.0^\circ$$

$$T_{UNV} = 18^\circ / 9^\circ$$

$$T_w = -$$

$$T_D = 8^\circ$$

$$PCN_{170} = 0.00''$$

$$\Sigma PCN_{170} = \text{N/A}$$

Saturday, 19 February, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 22 °F	Dir. W	Temp 73.0 °F	OBS-0945LT: OCNL - SW SH, then a few flakes during the day			
Min. 13 °F	Vel. 3 m.p.h.	Read. 29.08 in.				
Set 14 °F	Char. steady	Corr. 28.96 in.				
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. $\frac{0}{10}$	Clds.	Clds.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.0 mb	Wx Clear	Wx	Wx	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. mi.	

$\bar{T} = 18^\circ$
HDD = 47
 $\Sigma \text{HDD} = 611$
 $\Sigma \text{HDD} = 0$
 $\Sigma \text{PCN}_L = 1.84^\circ$
 $\Sigma \text{PCN}_S = 2.0''$

$T_{\text{DAVIS}} = 13.5^\circ / 4.0^\circ$
 $T_{\text{UNV}} = 14^\circ / 5^\circ$

$T_w = \text{---}$
 $T_b = 4^\circ$

$\text{PCN}_{\text{AS}} = 0.00''$
 $\Sigma \text{PCN}_{\text{AS}} = \text{N/A}$

Sunday, 20 February, 2005 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	31 °F	Dir. W	Temp 73.5 °F	OCNL -SM SHs 0200-0500LT 10ft barely noticeable trace for obs on ground.		
Min.	13 °F	Vel. 1 m.p.h.	Read. 29.20 in.			
Set	28 °F	Char. light	Corr. 29.08 in.	*OVRT LOW 28		
				0700	1300	1900
R.H.	82 %	24 hr. Mov. — mi.	Sea L. 30.52 in.	Clds. 10 As, Cs, 10 Cu, Sc	Clds.	Clds. 10 Cu 10 Sc
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +0.7 mb	Wx Overcast	Wx	Wx -SH/SH
Ppn. Sol.	T in.	Snow Depth T in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. ~4 mi.

$$\bar{T} = 18^\circ$$

$$HDD = 47$$

$$\Sigma CDD = 0$$

$$\Sigma HDD = 658$$

$$\Sigma PCN_L = 1.84''$$

$$\Sigma PCN_S = 2.0''$$

$$T_{DAWS} = 28^\circ/23^\circ$$

$$T_{SNY} = 28^\circ/23^\circ$$

$$T_w = -$$

$$T_o = 23^\circ$$

$$PCN_{LTS} = 0.00''$$

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

Monday 21 February 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. SSE	Temp 74 °F	SNST 02:05 - 01:00 LT wintry mix 01:00 - OBS * overnight low = 28°			
Min. 27 * °F	Vel. 2 m.p.h.	Read. 28.72 in.				
Set 32 °F	Char. light	Corr. 28.60 in.				
R.H. 97 %	24 hr. Mov. - mi.	Sea L. 30.00 in.	0700	1300	1900	
Ppn. Liq. 0.56 in.	Prev. Dir. -	3 hr. Tend. 1.0 mb	Clds. 10/10 Cu 5c	Clds.	Clds. St 50/40	
Ppn. Sol. 3.5 in.	Snow Depth 3 in.	Observer KAA	Wx wintry mix	Wx	Wx Fog	
			Vis. ~10 mi.	Vis. mi.	Vis. ~0.25 mi.	

$T = 31$
 $HDD = 34$
 $CDD = 0$
 $\Sigma HDD = 688$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 2.40''$
 $\Sigma PCN_S = 5.5''$

$T_{UVIS} = 32/31$
 $T_{UNV} = 32/32$

$T_w = M$
 $T_d = 31$

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

Tuesday, February 22, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. NW	Temp 74 °F		-RA 1430 - 1530 LT -RA 1800 - 1830 LT		
Min. 32* °F	Vel. 3 m.p.h.	Read. 28.90 in.		*Overnight low = 33° -FzRa CBS - 0800LT		
Set 33 °F	Char. Variable	Corr. 28.88 in.		0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. St 10/10	Clds.		Clds. 10/10
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx Cloudy	Wx		Wx OVC
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer MLS	Vis. ~17 mi.	Vis.	mi.	Vis. 17 mi.

$$\begin{aligned}\bar{T} &= 34 \\ HDD &= 31 \\ CDD &= 0 \\ \Sigma HDD &= 719 \\ \Sigma CDD &= 0 \\ \Sigma PCN_L &= 2.42'' \\ \Sigma PCN_s &= 5.5''\end{aligned}$$

$$\begin{aligned}T_{DAVES} &= 33/27 \\ T_{UNV} &= 34/25\end{aligned}$$

$$\begin{aligned}T_w &= M \\ T_d &= M\end{aligned}$$

$$\begin{aligned}PCN_{LTD} &= M \\ \Sigma PCN_{LTD} &= M\end{aligned}$$

Wednesday February 23, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	1929 - 2205 LT - SW 0005 - 0038 LT - SW 0229 - 0258 LT - SW 0549 - 0628 LT - SW			
40 °F	NNW	74 °F				
Min.	Vel.	Read.				
28 °F	6 m.p.h.	29.01 in.				
Set	Char.	Corr.		0700	1300	1900
29 °F	light	28.89 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
70 %	- mi.	30.31 in.	6/10 cu sc		6/10	8/8
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
2.02 in.	-	+2.1 / mb	m. cloudy		-	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T in.	2 in.	SEM	25 mi.	mi.	25 mi.	

$\bar{T} = 34$
#UD = 31
CDI = 0
CHOD = 750
 $\epsilon_{COD} = 0$
LPENL = 2.44"
 $\epsilon_{PENL_{90\%}} = 5.5"$

Total = 29/21
Turn = 30/19

$T_w = -$
 $T_d = 21$

PCNLTS = N/A
 $\epsilon P(WLTS) = N/A$

Thursday, February 24, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. ENE	Temp 73 °F	0500 - Obs - SN			
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. 88 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. st 10/10	Clds. 10/10 St, Ns	Clds. 10/10 Ns	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx -SN	Wx -SN	Wx SN	
Ppn. Sol. 0.8 in.	Snow Depth 2 in.	Observer TPM	Vis. 5 mi.	Vis. 2 mi.	Vis. 1/2 mi.	

$$\bar{T} = 29$$

$$CDD = 0$$

$$HDD = 36$$

$$\Sigma CDD = 0$$

$$\Sigma HDD = 786$$

$$\Sigma PCN_L = 2.48$$

$$\Sigma PCN_S = 6.3$$

$$\bar{T}_{davis} = 23119$$

$$I_{UNV} = 23119$$

$$\bar{T}_d = 19$$

$$\bar{T}_w = N/A$$

$$PCN_{LTB} = N/A$$

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

Friday, 25 February, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 26 °F	Dir. SW	Temp 73 °F	Snow: OBS - 0200LT and 0430-OBS. -SN/-SN: 085 - 1100LT -SN: 1100 - 1400LT -SN/4N: 1400 - 1730LT -SN, becoming fluffy, 1730-0200 and 0430-085			
Min. 17 °F	Vel. 2 m.p.h.	Read. 28.89 in.				
Set 20 °F	Char. light	Corr. 28.77 in.	OBS →			
			0700	1300	1900	
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. $\frac{10}{10}$ No, St, Sc	Clds.	Clds. $\frac{3}{10}$ Cs, Sc, Cu	
Ppn. Liq. 0.44 in.	Prev. Dir. —	3 hr. Tend. /+1.4 mb	Wx -SN	Wx	Wx Increasing clouds	
Ppn. Sol. 5.3 in.	Snow Depth 5 in.	Observer AGM	Vis. MNE'S ~2 otherwise ~5	Vis. mi.	Vis. 25 mi.	

T = 22
HDD = 43
 Σ ODD = 0
 Σ HDD = 829

T_{DAVIS} = 19°/17.5°
T_{UNV} = 21°/19°

T_w = -
T_b = 18°

Σ PCN_s = 3.08"
 Σ PCN_s = 11.6"

6-HR SNOWFALL TOTALS

OBS-1300LT: 0.9", 0.07" liquid, 13:1 Ratio
OBS-1200LT ~ 0.4"
1200-1300LT ~ 0.5"
1300-1400LT: 2.3", 0.22" liquid, 10:1 Ratio
1300-1600 ~ 0.9"
1600-1900 ~ 1.4"
1900LT-OBS: 2.1", 0.14" liquid, 15:1 Ratio

Storm Totals for 24-25 February, 2005:
6.1" snow, 0.48" liquid, 12.7:1 Ratio
A slow, steady-accumulating snowfall

TCN_{LITE} = 0.00"
 Σ PCN_{LITE} = N/A

Saturday, 26 February, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SW	Temp 73 °F	OBS-0815LT: OCNL --SN/-SN from coastal storm 0220-OBS: OCNL --SN from clipper system			
Min. 19* °F	Vel. 5 m.p.h.	Read. 28.91 in.	* Overnight low = 20*			
Set 27 °F	Char. steady	Corr. 28.79 in.	** Notrigable, crusts forming on top of snow pack and within pack on Wed.			
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 10/10 St, Sc	Clds. —	Clds. 3/10 Cu, Ci	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.3 / mb	Wx --SN	Wx —	Wx M. clear	
Ppn. Sol. T in.	Snow Depth 5** in.	Observer AGM	Vis. ~12, with 8 to south	Vis. mi.	Vis. 25 mi.	



$\bar{T} = 27$
HDD = 38
 $\Sigma CDD = 0$
 $\Sigma HDD = 867$
 $\Sigma PCN_L = 2.72"$
 $\Sigma PCN_S = 11.6"$

$T_{DAVIS} = 26^\circ / 23.5^\circ$
 $T_{UNV} = 27^\circ / 23^\circ$

$T_w = -$
 $T_b = 23^\circ$

$PCN_{LTB} = 0.04"$
 $\Sigma PCN_{LTB} = N/A$



Sunday, 27 February, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. WNW	Temp 72 °F	OBS-0730: --SN SH 1015-1200LT: OCNL --SN SH		
Min.	12 °F	Vel. 2 m.p.h.	Read. 29.14 in.			
Set	12 °F	Char. light	Corr. 29.02 in.			
R.H.	76 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 8/10 Cs C. Az
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. / +0.8mb	Wx clear + cold	Wx	Wx —
Ppn. Sol.	T in.	Snow Depth 3 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 25^{\circ}$$

$$\text{HDD} = 40$$

$$\Sigma \text{CDD} = 0$$

$$\Sigma \text{HDD} = 907$$

$$\Sigma \text{PCN}_L = 2.923''$$

$$\Sigma \text{PCN}_e = 11.6''$$

$$T_{\text{DAVIS}} = 14^{\circ}/8.5^{\circ}$$

$$T_{\text{UNV}} = 12^{\circ}/7^{\circ}$$

$$T_w = -$$

$$T_D = 8^{\circ}$$

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

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

Monday, 28 February 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	35 °F		Dir.	SE		Temp	73 °F		* overnight low = 27°		
Min.	12 * °F		Vel.	6 m.p.h.		Read.	28.71 in.				
Set	27 °F		Char.	light		Corr.	28.59 in.		0700	1300	1900
R.H.	54 %		24 hr. Mov.	- mi.		Sea L.	30.00 in.		Clds.	Clds.	Clds.
Ppn. Liq.	0.00 in.		Prev. Dir.	-		3 hr. Tend.	-1.0 mb		10/10 Cu Sc		40/100 St.
Ppn. Sol.	0.0 in.		Snow Depth	3 in.		Observer	KAA		Wx	Wx	Wx
									Vis.	Vis.	Vis.
									20 mi.		0.75 mi.

$$T = 24$$

$$HDD = 41$$

$$CDD = 0$$

$$\Sigma HDD = 948$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 2.92''$$

$$\Sigma PCN_S = 11.6''$$

$$T_{\text{avis}} = 28/13$$

$$T_{\text{unv}} = 28/12$$

$$T_w = M$$

$$T_d = 13$$

FEB TEMPS

$$\overline{T}_{\text{MAX}} = 38.8$$

$$\overline{T}_{\text{MIN}} = 23.0$$

$$\overline{T}_{\text{FEB}} = 30.93$$

$$PCN_{\text{UB}} = M$$

$$\Sigma PCN_{\text{UB}} = M$$