THURSDAY DECEMBER 1, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. —	Temp 70 °F			
Min. 32 °F	Vel. 0 m.p.h.	Read. 28.09 in.			
Set 32 °F	Char. Calm	Corr. 28.77 in.	0700	1300	1900
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. 10/10 AS	Clds. 10/10 AS/AC	Clds. 5t 10/10 Ns
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↳ -1.0 mb	Wx OVRCST	Wx OVRCST	Wx Flurries
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T} = 37$

$T_{DAVIS} = 34/25$

$T_W = 29$

$HDD = 28$

$T_{UNV} = 32/25$

$T_D = 23.5$

$\Sigma HDD = 28$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.00"$

$\Sigma PCN_S = 0.0"$

Friday, December 2, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. WSW	Temp 70 °F	-SMSN 1935-2030 LT 0600-0640 LT		
Min. 30 °F	Vel. 7 m.p.h.	Read. 28.49 in.			
Set 31 °F	Char. Gusty	Corr. 28.37 in.	* Calculated using Davis Td		
R.H. * 66 %	24 hr. Mov. — mi.	Sea L. 29.76 in.	0700 Clds. Sc 10/10	1300 Clds. 8/10 Sc, Cu, St	1900 Clds. Sc St 7/10
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. ~ +0 mb	Wx Overcast	Wx Mostly cloudy with a few flakes	Wx Flurries
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 33$

$HDD = 32$

$CDD = 0$

$\Sigma HDD = 60$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.01''$

$\Sigma PCN_S = 0.1''$

$T_{DAVIS} = 30/24$

$T_{UNV} = 30/23$

$T_{wet} = N/A$

$T_{dew} = N/A$

$PCN_{L-TB} = N/A$

$\Sigma PCN_{L-TB} = N/A$

Saturday, December 3, 2005 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. SSW	Temp 70 °F	- SHSW 0752 - 0809 LT - SHSW 1009 - 1107 LT - SW 1334 - 1453 - SHSW 1709 - 1753 * Davis used		
Min. 20 °F	Vel. 8 m.p.h.	Read. 28.88 in.			
Set 21 °F	Char. Breezy	Corr. 28.77 in.			
R.H. 75 * %	24 hr. Mov. — mi.	Sea L. 30.21 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.6 mb	Clds. 10/10 St Sc	Clds.	Clds. 8/10 St, Sc, Cs
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MLS	Wx Overcast	Wx	Wx P. Cloudy
			Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 26$

$HDD = 39$

$CDD = 0$

$\Sigma HDD = 99$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.01$

$\Sigma PCN_S = 0.1$"

$T_{DAVIS} = 20/13$

$T_{UNIV} = 21/14$

$T_w = M$

$T_d = M$

$PCN_{UD} = N/A$

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

Sunday, 4 December, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 29 °F	Dir. NE	Temp 69 °F	SN⁻: 2350 – 0030LT SN⁻/OCNL SN: 0030 – 0230LT SN/OCNL SN⁻: 0230 – 0320LT SN⁻: 0320LT – 0500LT SN⁻/OCNL SN: 0500LT – OBS		
Min. 20 °F	Vel. 3 m.p.h.	Read. 28.56 in.			
Set 24 °F	Char. steady	Corr. 28.45 in.	Overnight low = 23° 3-hour snowfall totals →		
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	0700 Clds. 10/10 Ns	1300 Clds.	1900 Clds. 10/10 As, St
Ppn. Liq. 0.29 in.	Prev. Dir. —	3 hr. Tend. ↘ -0.8mb	Wx -SN/-SG	Wx	Wx Overcast
Ppn. Sol. 3.1 in.	Snow Depth 3 in.	Observer AGM	Vis. 2.5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 25°$

HDD = 40

ΣHDD = 139

$\Sigma PCN_L = 0.30"$

$\Sigma PCN_S = 3.2"$

$T_{DAVIS} = 25°/23°$

$T_{UNV} = 25°/23°$

$T_{KPSU} = 25°/M$

$T_W = 24°$

$T_D = 23°$

Overrunning snowfall, FZRA line ~20 miles to south.

6Z (0100LT): 0.5" new snow

6Z - 9Z (0400LT): 2.3" new

9Z - OBS (0700LT): 0.8" new

Needle crystals seen at 0400LT, and snow grains at OBS, both indicating warming aloft. Ratios near 12:1 at onset, 11:1 thru moderate period, then 9 to 10:1 after 9Z.

$PCN_{LTB} = 0.25"$

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

Monday, 5 December, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SW	Temp 68.5 °F	-SG and OCNL -SN/SN: 0815-0850LT -SN SHs (OCNL): 0850-1145LT 10:1 ratio Storm totals: 0.32" LIQ, 3.4" FRZ over 9 hours, ~10.6:1 ratio		
Min. 18 °F	Vel. 1 m.p.h.	Read. 28.96 in.			
Set 19 °F	Char. variable	Corr. 28.85 in.	0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 10/10 As, St	Clds. 10/10 As, Cs, Ci	Clds. 10/10 SC
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. ⌣ +0.6 mb	Wx Cloudy	Wx Thick mid-level decks	Wx BKN NBST +PG
Ppn. Sol. 0.3 in.	Snow Depth 2 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 3.5 mi.

$\bar{T} = 26°$

HDD = 39

ΣHDD = 178

$\Sigma PCN_L = 0.33''$

$\Sigma PCN_S = 3.5''$

$T_{DAVIS} = 20°/16°$

$T_{UNIV} =$

$T_{KPSU} = 14°$

$T_W = N/A$

$T_D = 16°$

(Davis)

$PCN_{LTB} = 0.00''$

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

Tuesday December 6, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. W	Temp 70 °F			
Min. 19* °F	Vel. 5 m.p.h.	Read. 28.88 in.			
Set 23 °F	Char. light & variable	Corr. 28.72 in.	*overnight low = 19°		
			0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 9/10 AC	Clds. 4/10 Cu	Clds. As 3/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx M. Cloudy - Fg	Wx P. Cloudy	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer CTP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 25$

$HDD = 40$

$\Sigma HDD = 218$

$\Sigma PCN_L = 0.33''$

$\Sigma PCN_S = 3.5''$

$T_{DAYS} = 23.5^\circ / 17.0^\circ$

$T_{UNV} = 23^\circ / 16^\circ$

$T_W = N/A$

$T_D = 17^\circ *$

* Data from Davis

Wednesday, December 7, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. WSW	Temp 69 °F	- SHSN 0705-0745 LT		
Min. ** 19 °F	Vel. 9 m.p.h.	Read. 29.07 in.	* Using Davis TA ** overnight low 20°F		
Set 21 °F	Char. Breezy	Corr. 28.96 in.	0700	1300	1900
R.H. * 56 %	24 hr. Mov. — mi.	Sea L. 30.41 in.	Clds. AS AC 5/10	Clds. Cu Sc 7/10	Clds. 9/10 AC
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. / +2.0 mb	Wx P. Cloudy -FG	Wx M. Cloudy	Wx BLNGVPCAS FG
Ppn. Sol. T in.	Snow Depth 1 in.	Observer SBS	Vis. 20 mi.	Vis. 25 mi.	Vis. 7 mi.

$\bar{T} = 25$

$HDD = 40$

$CDD = 0$

$\Sigma HDD = 258$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.33$

$\Sigma PCN_S = 3.5"$

$T_{Daily} = 22/12$

$T_{NN} = 19/14$

$T_{wet} = N/A$

$T_{dew} = N/A$

$PCN_{LTB} = N/A$

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

Thursday December 8, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 25 °F	Dir. —	Temp 70 °F	-SNSH ~1200 LT~ 1630LT		
Min. 11 °F	Vel. 0 m.p.h.	Read. 29.49 in.			
Set 12 °F	Char. Clear	Corr. 29.36 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.70 in.	Clds. 9/10	Clds. 2/10 CS	Clds. SC 8/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — +0.3mb	Wx HCLOK FG	Wx Clear — FG	Wx M. Cloudy
Ppn. Sol. T in.	Snow Depth 1 in.	Observer CDP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 18$

HDD = 47

ΣHDD = 305

ΣCDD = 0

$\Sigma PCN_L = 0.33''$

$\Sigma PCN_S = 3.5''$

$T_{DAVIS} = 13°/17°$

$T_{UNV} = 10°/9°$

T_W = N/A

$T_D = 7°$ *

* data from paris

Friday, December 9, 2005 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 30 °F	Dir. W	Temp 70 °F	– SN 2215 – 2240 LT + SN 2240 – 2330 LT ~~VSBY~~ SN 2330 – 0015 LT OCCL SN 0015 – 0400 LT OCCL – SN 0400 – 0600 LT *overnight low 24
Min. * 11 °F	Vel. 5 m.p.h.	Read. 28.81 in.	** using Davis T
Set 24 °F	Char. Light & Variable	Corr. 28.70 in.	See back →
R.H. ** 89 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	
Ppn. Liq. 0.64 in.	Prev. Dir. —	3 hr. Tend. 2 – 1.0 mb	
Ppn. Sol. R 7.3 in.	Snow Depth 8 in.	Observer SBS	

0700	1300	1900
Clds. St 8/10 Sc	Clds. 10/10 Sc, Ns, St	Clds. 10/10 St, Cu, Sc
Wx – FG M. Cloudy	Wx Breezy, widespread – SN SHs in vicinity	Wx Breezy and cloudy
Vis. 25 mi.	Vis. 2 mi.	Vis. 25 mi.

$\bar{T}$ = 21

HDD = 44

CDD = 0

ΣHDD = 349

ΣCDD = 0

ΣPCN_L = 0.97"

ΣPCN_S = 10.8"

T_{DMW} = 25/22

T_{UMV} = 23/21

T_{wet} = N/A

T_{dew} = N/A

3-Hour Snowfall OBS:

2215 - 0100LT (6Z): 3.2" sol, 0.37" liq, 8.5:1

0100 - 0400LT (9Z): 3.6" sol, 0.24" liq, 15:1

0400LT - OBS (12Z): 0.6" sol, 0.03" liq, 18:1

R - record daily snowfall (previous 4.0" in 1977)

PCN_{LTG} = N/A

ΣPCN_{LTG} = N/A

Saturday, December 10, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. SSW	Temp 70 °F	-SW 0743 - 0758 LT -SHSN 0913 - 1149 LT -SHSW 1308 - 1319 LT
Min. 20 °F	Vel. 2 m.p.h.	Read. 28.88 in.	
Set 21 °F	Char. Light	Corr. 28.77 in.	* Davis

0700	1300	1900
Clds. SCT 10/10	Clds.	Clds. 3/10 Ac, Cs
Wx Cloudy	Wx	Wx Clearing skies
Vis. ~20 mi.	Vis. mi.	Vis. 25 mi.

R.H.	24 hr. Mov.	Sea L.	Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Ppn. Sol.	Snow Depth	Observer
83* %	— mi.	30.02 in.	0.01 in.	—	\-1.2 mb	0.1 in.	8 in.	MLS

$\bar{T} = 24$

$HDD = 41$

$CDD = 0$

$\Sigma HDD = 390$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.98"$

$\Sigma PCN_S = 10.9"$

$T_{DAVIS} = 21/26$

$T_{CNN} = 21/26$

$T_d = m$

$T_w = m$

$PCN_{LDD} = N/A$

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

Sunday, 11 December, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SW	Temp 71 °F			
Min. 20* °F	Vel. 7 to 11 m.p.h.	Read. 28.42 in.			
Set 30 °F	Char. breezy	Corr. 28.30 in.	* overnight Low = 23°F		
			0700	1300	1900
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 29.69 in.	Clds. 10/10 St, As	Clds.	Clds.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↘ -0.2mb	Wx cloudy but warmer	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 7 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 27°$

$HDD = 38$

$\Sigma HDD = 428$

$T_{DAVIS} = 30.5°/20°$

$T_{UNV} = 30°/19°$

$T_W = -$

$T_D = 20°$

$\Sigma PCN_L = 0.98"$

$\Sigma PCN_S = 10.9"$

$PCN_{LTB} = 0.10"$

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

Monday, 12 December, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. WNW	Temp 71 °F	-SN SH: 1300-1330 LT -SN SH: 1530-1930 LT OCNL -SN SHs: 2000-2320 LT -SN SH: 0040-0110 LT -SN SH: 0400-0505 LT		
Min. 27 °F	Vel. 7 m.p.h.	Read. 28.55 in.			
Set 27 °F	Char. variable	Corr. 28.43 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.82 in.	Clds. 10/10 St, Ns, Sc	Clds. 10/10 Sc, Ns	Clds. 9/10
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. ↓ 1.4 mb	Wx Cloudy, with flurries in vicinity	Wx Overcast, -SN SH	Wx Clear
Ppn. Sol. 0.3 in.	Snow Depth 6 in.	Observer AGM	Vis. 8 mi.	Vis. ~10 mi.	Vis. 25 mi.

$\bar{T} = 32$

HDD = 33

$\Sigma HDD = 461$

$T_{DAVIS} = 27°/20.5°$

$T_{UNV} = 27°/19°$

$T_w = —$

$T_D = 20°$

$\Sigma PCN_L = 1.00"$

$\Sigma PCN_S = 11.2"$

$PCN_{LTB} = 0.00"$

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

December 13, 2005, Tuesday

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. —	Temp 72 °F	-SNSH 13:01 - 1321 -SNSH 1401 - 1420 -SNSH 1520 - 1520		
Min. 6 °F	Vel. 0 m.p.h.	Read. 29.07 in.			
Set 9 °F	Char. Calm	Corr. ~~28.~~09 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 8/10 AS AC	Clds. 0/10	Clds. 0/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+2.0 mb	Wx Mi.Cloudy	Wx Clear	Wx Clear
Ppn. Sol. T in.	Snow Depth 5 in.	Observer CJP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 18$

$HDD = 47$

$\Sigma HDD = 505$

$\Sigma PCN_L = 1.00"$

$\Sigma PCN_S = 11.02"$

$T_{DAWS} = 10/4°$

$T_{UNV} = 5/1°$

$T_W = N/A$

$T_D = 400$

* from DAWS

Wednesday, December 14, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 23 °F	Dir. —	Temp 72 °F			
Min. 1 °F	Vel. 0 m.p.h.	Read. 29.20 in.			
Set 2 °F	Char. Calm	Corr. 29.08 in.	* Using Davis Td		
R.H. * 64 %	24 hr. Mov. — mi.	Sea L. 30.59 in.	0700 Clds. ci 4/10	1300 Clds. St 10/10	1900 Clds. 9/10 Ac As
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. N/A mb	Wx Partly Cloudy	Wx Overcast	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 5 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 12$

$HDD = 53$

$CDD = 0$

$\Sigma HDD = 561$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.00"$

$\Sigma PCN_S = 11.02"$

$T_{Davis} = 2/-4$

$T_{Univ} = 0/-4$

(record low −2, previous record: 0 [1962])

$T_W = N/A$

$T_A = N/A$

$PCN_{LTB} = N/A$

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

Thursday December 15, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 20 °F	Dir. S	Temp 74 °F			
Min. 2 °F	Vel. 6 m.p.h.	Read. 29.04 in.			
Set 19 °F	Char. Light & variable	Corr. 28.91 in.	* overnight low = 12°		
			0700	1300	1900
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 10/10 AS NS	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \-1.0 mb	Wx OVRCST -FG	Wx OVRCST +SN$\frac{1}{2}$F FG	Wx Sleet -FG
Ppn. Sol. 0.0 in.	Snow Depth 5 in.	Observer CJP	Vis. 25 mi.	Vis. 0.25 mi.	Vis. 3 mi.

$\bar{T} = 11$

$HDD = 54$

$\Sigma(HDD) = 615$

$\Sigma PCN_L = 1.00"$

$\Sigma PCN_S = 11.02"$

$T_{DAVIS} = 19/9$

$T_{UNV} = 16/7$

$T_W = N/A$

$T_D = 9^*$

* Data from Davis

Friday, December 16, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. WNW	Temp 72 °F	~~FZDZ~~ 0940-1015 LT OCCL SHSN 1015-1540 LT OCCL SN, PL 1540-1730 LT OCCL PL, -FZRA 1730-0200 LT -SHSN 0200-0540 LT * overnight low 24°F, temp rose ovnt		** used Davis T4
Min. * 19 °F	Vel. 8 m.p.h.	Read. 28.59 in.			
Set 32 °F	Char. Breezy	Corr. 28.47 in.			
			0700	1300	1900
R.H. ** 84 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	Clds. SC 8/10	Clds. 10/10 Sc, Ns	Clds. 10/10 Sc, Ns
Ppn. Liq. 0.71 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx Mostly Cloudy	Wx Approaching -SN SHs	Wx SN SH
Ppn. Sol. 3.7 in.	Snow Depth 7 in.	Observer SBS	Vis. 25 mi.	Vis. 15 mi.	Vis. 1.5 mi.

$\bar{T} = 26$

$HDD = 9$

$CDD = 0$

$\Sigma HDD = 654$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.71''$

$\Sigma PCN_S = 14.9''$

$T_{Davis} = 32/29$

$T_{UNV} = 32/28$

$T_w = N/A$

$T_D = N/A$

$PCN_{LTG} = N/A$

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

Meteorological Observatory
Univeristy Park, PA

Saturday, 17 December, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 36 °F	Dir. SW	Temp 72 °F	OCNL -SN SHs 1350-1500LT -SN SH: 1500-1605 LT -SN SH/OCNL SN SH: 1845-1925LT
Min. 24 °F	Vel. 2 m.p.h.	Read. 29.17 in.	
Set 25 °F	Char. light	Corr. 29.05 in.	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. /+2.3 mb	
Ppn. Sol. 0.3 in.	Snow Depth 6 in.	Observer AGM	

	0700	1300	1900
Clds.	Clds. 3/10 As, Ac	Clds.	Clds. 9/10
Wx	Wx A placid pre-dawn	Wx	Wx clear
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 30°$

HDD = 35

ΣHDD = 689

$\Sigma PCN_L = 1.73"$

$\Sigma PCN_S = 15.2"$

$T_{DAVIS} = 26°/17°$

$T_{UNIV} = 25°/19°$

$T_{KPSU} = 18°/12°$

T_W = N/A

$T_D = 17°$ DAYS

$PCN_{LTB} = 0.02"$

ΣPCN_{LTB} = N/A

Sunday December 18, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33. °F	Dir. —	Temp 70 °F			
Min. 17 °F	Vel. 0 m.p.h.	Read. 29.32 in.			
Set 20 °F	Char. Calm	Corr. 29.30 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.63 in.	Clds. 4/10 AC	Clds.	Clds. 10/10 AS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx -FG M-CLWAY	Wx	Wx FG CHANGES
Ppn. Sol. 0.0 in.	Snow Depth 6 in.	Observer COP	Vis. 20 mi.	Vis. mi.	Vis. 7 mi.

$\bar{T} = 25$

$HDD = 40$

$\Sigma HDD = 729$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.73"$

$\Sigma PCN_S = 15.2"$

$T_{DAVIS} = 22/17$

$T_{UNV} = 18/16$

$T_W = N/A$

$T_D = 17°$

* Data from Davis

Monday December 19, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. WSW	Temp 70 °F	-SNSH 0140 - 0200 -SNSH 0300 - 0520		
Min. 19* °F	Vel. 8 m.p.h.	Read. 29.08 in.			
Set 23 °F	Char. Gusty	Corr. 28.96 in.	*overnight low = 22°		
			0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 8/10 AC	Clds. 4	Clds. 1/10 SC
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. V 0.0 mb	Wx -FG M.Cloudy	Wx	Wx M.Clear
Ppn. Sol. 0.7 in.	Snow Depth 6 in.	Observer CJP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 28°$

HDD = 37

ΣHDD = 766

ΣCDD = 0

ΣPCN$_L$ = 1.73"

ΣPCN$_S$ = 15.3"

T_{DAVIS} = 23/14

T_{UNV} = 23/16

T_W = N/A

T_D = 14*

* Dewpoint data from Davis

Tuesday December 20, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 24 °F	Dir. SW	Temp 69 °F	OCCL - SNSH 1300 - 1400 LT		
Min. 13 °F	Vel. 8 m.p.h.	Read. 28.99 in.			
Set 15 °F	Char. Breezy	Corr. 28.87 in.	0700	1300	1900
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. 9/10 AC	Clds. 6/10 AC	Clds. 6/10 AC AS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -2.0 mb	Wx OVRCAST, SLN	Wx M. Cloudy	Wx M Cloudy
Ppn. Sol. T in.	Snow Depth 6 in.	Observer OOP	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T} = 19$

$HDD = 216$

$\Sigma HDD = 812$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.73''$

$\Sigma PCN_S = 15.3''$

$T_{DAVIS} = 15°/2°$

$T_{UNV} = 14°/3°$

$T_W = N/A$

$T_D = 2°*$

* Data from Davis

Wednesday December 21, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 24 °F	Dir. SW	Temp 70 °F	OCCL -SNSH 21:40 - 01:20 LT OCCL -SN SH 05:20 - 0700 LT		
Min. 15* °F	Vel. 3 m.p.h.	Read. 29.02 in.			
Set 20 °F	Char. Light & variable	Corr. 28.90 in.	*overnight low = 15°		
			0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 10/10 Ac	Clds. 10/10 Cu	Clds. 10/10 As SC
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx -FZRAPL FG, OVRCAST	Wx BKN OVRCST -FG	Wx OVRCST -FG
Ppn. Sol. T in.	Snow Depth 5 in.	Observer GP	Vis. 17 mi.	Vis. 25 mi.	Vis. 17 mi.

$\bar{T} = 20$

$HDD = 45$

$\Sigma HDD = 857$

$\Sigma CDD = 0$

$\Sigma PCM_2 = 1.73"$

$\Sigma PCM_3 = 15.3"$

$T_{DAVIS} = 19.4/14^{\circ}$

$T_{UNV} = 19/14$

$T_W = N/A$

$T_D = 14^{\circ}$ *

* data from Davis

Thursday December 22, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 29 °F	Dir. WSW	Temp 74 °F	OCCL -SNSH 0700 - 0900 OCCL - SNSH 1720 - 1740		
Min. 19* °F	Vel. 7 m.p.h.	Read. 29.07 in.			
Set 27 °F	Char. Breezy	Corr. 29.94 in.	*overnight low = 26°		
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Clds. 10/10 AS	Clds. 7/10 AC	Clds. 10/10 AC
Ppn. Sol. T in.	Snow Depth 5 in.	Observer COP	Wx OVCST Fg	Wx M.Cldy -Fg	Wx OVCST Fg
			Vis. 7 mi.	Vis. 25 mi.	Vis. 7 mi.

$\bar{T} = 24$

$HDD = 41$

$\Sigma HDD = 898$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.73''$

$\Sigma PCN_S = 15.3''$

$T_{DAVIS} = 27°/21°$

$T_{UNV} = 25°/21°$

$T_W = N/A$

$T_D = 21°$

* data from davis

Friday December 23, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. SW	Temp 76 °F			
Min. 27* °F	Vel. 2 m.p.h.	Read. 28.85 in.			
Set 37 °F	Char. Light & variable	Corr. 29.71 in.	*overnight low = 29°		
			0700	1300	1900
R.H. 48 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 9/10 AC	Clds. 9/10 Ci AC	Clds. Ac 2/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx M.Cloudy -FG	Wx m.Cloudy	Wx Mostly Clear
Ppn. Sol. 0.0 in.	Snow Depth 5 in.	Observer [illegible]	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 33°$

$HDD = 32$

$\Sigma HDD = 930$

$\Sigma CDD = 0$

$\Sigma PCN = 1.73"$

$\Sigma PCN_S = 15.3"$

$T_{DAVIS} = 38/21$

$T_{UNIV} = 36/19$

$T_W = N/A$

$T_D = 21°$

* from Davis

Saturday, December 24, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. SW	Temp 76 °F	-DZ 1640 - 1654 Z
Min. 37 * °F	Vel. 2 m.p.h.	Read. 28.83 in.	
Set 40 °F	Char. Light + Variable	Corr. 28.70 in.	* Overnight Low = 37°F
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↑ +0.6 mb	
Ppn. Sol. 0.0 in.	Snow Depth 4 in.	Observer MLS	

0700	1300	1900
Clds. Ac 5/10 As	Clds.	Clds. 5/10 Ci, As
Wx Partly Cloudy	Wx	Wx MELLOW
Vis. ~20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 43

HDD = 22

CDD = 0

ΣHDD = 952

ΣCDD = 0

ΣPCN_L = 1.73"

ΣPCN_s = 15.3"

T_{DAVIS} = 42 / 28

T_{WUV} = 41 / 27

T_w = m

T_a = m

PCN_{UB} = N/A

ΣPCN_{UTS} = N/A

SUNDAY 25 DECEMBER 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. –	Temp 75 °F			
Min. 28 °F	Vel. 0 m.p.h.	Read. 28.59 in.			
Set 29 °F	Char. CALM	Corr. 28.46 in.			* DAVIS
			0700	1300	1900
R.H. 84* %	24 hr. Mov. – mi.	Sea L. 29.88 in.	Clds. 10/10 St BINOVC E	Clds.	Clds. 10/10 NS
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. \-0.5 mb	Wx	Wx	Wx OVRCAST HFG
Ppn. Sol. 0.0 in.	Snow Depth 3 in.	Observer WJS	Vis. 25 mi.	Vis. mi.	Vis. 0.25 mi.

$\bar{T} = 40$

$HDD = 25$

$\Sigma HDD = 977$

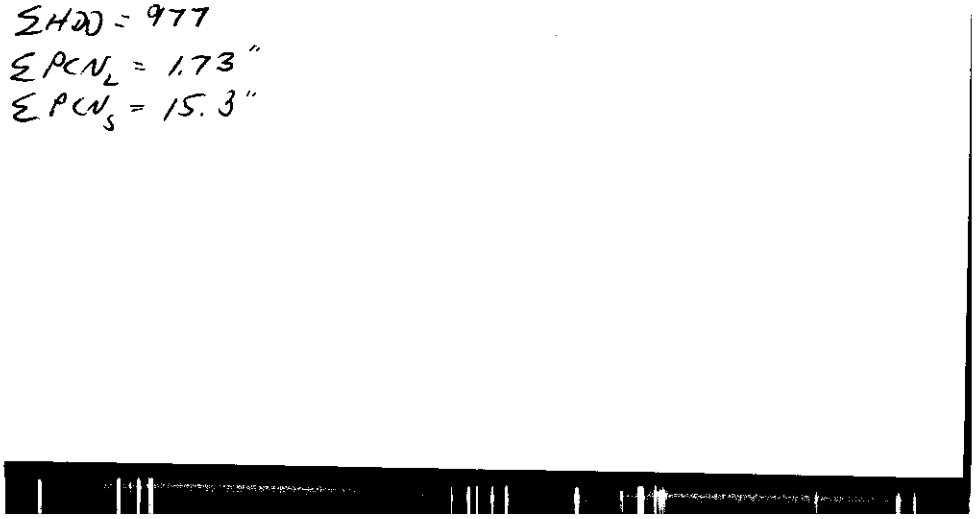
$\Sigma PCN_L = 1.73"$

$\Sigma PCN_S = 15.3"$

$T_{DAYS} = 30/26$

$T_{UW} = 25/25$

$T_D = 26$



Sunday December 26 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. SW	Temp 76 °F	OCCL -FG/MIST 0740 – 0840 LT OCCL - RASH 1020 – 1100 LT OCCL RASH 1140 – 1600 LT
Min. 29* °F	Vel. 2 m.p.h.	Read. 28.28in.	
Set 36 °F	Char. Light + Variable	Corr. 28.15 in.	* overnight low = 34°

0700	1300	1900
Clds. 10/10 NS	Clds. 10/10 AS	Clds. SC 10/10
Wx OVRCST +FG	Wx OVRCAST	Wx OVRCAST
Vis. 0.25 mi.	Vis. 25 mi.	Vis. 25 mi.

R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.41 in.	
Ppn. Liq. 0.47 in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer CJP	

$\bar{T} = 33$

$HDD = 32$

$\Sigma HDD = 1009$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.20''$

$\Sigma PCN_S = 15.3''$

$T_{DAILY} = 36/36$

$T_{UNIV} = 34/34$

$T_W = 35$

$T_D = 34$

Tuesday, December 27, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 38 °F	Dir. WNW	Temp 76 °F	- DZ 0900 - 1000 LT - SNSH 1647 - 1720
Min. 32 °F	Vel. 8 m.p.h.	Read. 28.74 in.	
Set 32 °F	Char. Gusty	Corr. 28.61 in.	

	0700	1300	1900
R.H. 82 %	Clds. Sc St 10/10	Clds. 10/10 As	Clds.
Ppn. Liq. T in.	Wx Cloudy	Wx BKN OVRCST - FG	Wx
Ppn. Sol. T in.	Snow Depth 2 in.	Observer MLS	Vis. ~17 mi.
24 hr. Mov. — mi.	Prev. Dir. —	Sea L. 30.01 in.	3 hr. Tend. /+1.8 mb
	Vis. 25 mi.		Vis. mi.

$\bar{T} = 35$

HDD = 30

CDD = 0

$\Sigma HDD = 1039$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.20''$

$\Sigma PCN_S = 15.3''$

$T_{DAVIS} = 32/27$

$T_{DAV} = 32/25$

$T_W = M$

$T_R = M$

$PCN_{DB} = N/A$

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

Wednesday December 28, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. —	Temp 77 °F			
Min. 29 °F	Vel. 0 m.p.h.	Read. 28.67 in.			
Set 31 °F	Char. Calm	Corr. 28.53 in.	0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 29.81 in.	Clds. 10/10 SC St	Clds. 10/10 AC	Clds. St 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \ -0.5mb	Wx +FG OVERCAST	Wx FG OVCST	Wx Overcast
Ppn. Sol. 0.0 in.	Snow Depth 1 in.	Observer CTP	Vis. 4 mi.	Vis. ~1/4 mi.	Vis. mi.

$\bar{T} = 33$

HDD = 32

CDD = 0

ΣHDD = 1071

ΣCDD = 0

ΣPCN$_L$ = 2.20"

ΣPCN$_S$ = 15.3"

T_{DAVIS} = 31/28

T_{UNV} = 30/28

T_W = N/A

T_D = 28 F

* Data from Davis

Thursday, December 29, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. —	Temp 77 °F	- DZ 1756 - 1803 LT - DZ 1806 - 1936 LT
Min. * 31 °F	Vel. 0 m.p.h.	Read. 28.29 in.	
Set 37 °F	Char. Calm	Corr. 28.16 in.	* overnight low 36
R.H. 57 %	24 hr. Mov. — mi.	Sea L. 29.53 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — + 0.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 1 in.	Observer SBS	

0700	1300	1900
Clds. ST 10/10	Clds.	Clds. ST 10/10
Wx Fog Overcast	Wx	Wx Fog overcast
Vis. 7 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T} = 37$

$HDD = 28$

$CDD = 0$

$\Sigma HDD = 1099$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.20"$

$\Sigma PCN_S = 15.3"$

$T_{Davis} = 38/35$

$T_{UNV} = 36/34$

$T_{wet} = 33$

$T_{Dew} = 27$

$PCN_{LTB} = N/A$

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

Friday, December 30, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 43 °F	Dir. W	Temp 76 °F	OCCL -SHRA 0900 - 1440 LT -SHRA 1600 - 1700 LT
Min. 35 °F	Vel. 9 m.p.h.	Read. 28.63 in.	
Set 35 °F	Char. Breezy	Corr. 28.50 in.	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	
Ppn. Liq. .11 in.	Prev. Dir. —	3 hr. Tend. /+3.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer SBS	

	0700	1300	1900
Clds.	10/10 St	Clds.	Clds. Sc 9/10
Wx	Overcast	Wx	Wx M. Cloudy
Vis.	20 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 39$

$HDD = 26$

$CDD = 0$

$\Sigma HDD = 1125$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.31"$

$\Sigma PCN_S = 15.3"$

$T_{Davis} = 35/32$

$T_{UNV} = 34/32$

$T_{wet} = 33$

$T_{dew} = 30$

$PCN_{LTG} = N/A$

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

Saturday, December 31, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 38 °F	Dir. —	Temp 76 °F	OCCL -SN 0400-0550 LT
Min. 30 °F	Vel. 0 m.p.h.	Read. 28.57 in.	
Set 31 °F	Char. Calm	Corr. 28.44 in.	* using Davis Td
R.H. * 84 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. \-1.0 mb	
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer SBS	

	0700	1300	1900
Clds.	Clds. ST 10/10	Clds.	Clds. ST 10/10 NS
Wx	Wx Overcast Fog	Wx	Wx -RA
Vis.	Vis. 5 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T} = 34$

$HDD = 31$

$CDD = 0$

$\Sigma HDD = 1156$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.32"$

$\Sigma PCN_S = 15.4"$

$T_{Davis} = 31/28$

$T_{UNV} = 28/28$

$T_{wet} = N/A$

$T_{dew} = N/A$

TEMP'S.

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

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

$T_{DGC} =$

$PCN_{LTB} = N/A$

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