

Thursday February 1, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 24 °F		Dir. —	Temp 74 °F	SWSH 0815		
Min. * 11 °F		Vel. 0 m.p.h.	Read. 28.92 in.	* OUNT LOW 18		
Set 19 °F		Char. Calm	Corr. 28.89 in.	0700	1300	1900
R.H. 79 %		24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. ^{cs} _{sc} 10	Clds. ^{cs} _{cn} 4/10	Clds.
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. ±0 mb	Wx mostly cloudy	Wx M. Cloudy	Wx
Ppn. Sol. T in.		Snow Depth 1 in.	Observer AK	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$$\begin{aligned}T &= 18 \\HDD &= 47 \\CDD &= 0 \\ \sum HDD &= 47 \\ \sum CDD &= 0 \\ \sum DCLN_1 &= T \\ \sum DCLN_2 &= T\end{aligned}$$

$$\begin{aligned}T_{Davis} &= 1918 \\T_{UNV} &= 16110\end{aligned}$$

$$\begin{aligned}G_{avg} &= T \\ \sum G_{avg} &= T\end{aligned}$$

Friday February 2, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SE	Temp 74 °F				
Min. 19 °F	Vel. 4 m.p.h.	Read. 28.84 in.				
Set 29 °F	Char. light	Corr. 24.71 in.	DUWT LOW 20			
			0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. SC 9 10	Clds. NS 10/10	Clds. SC 6/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 20 mb	Wx Mostly Cloudy	Wx -SKIN	Wx M. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer AK	Vis. 25 mi.	Vis. 1.6 mi.	Vis. 25 mi.	

$$F = 27$$

$$HOD = 38$$

$$COD = 0$$

$$\Sigma HOD = 85$$

$$\Sigma COD = 0$$

$$\Sigma DCN = T$$

$$\Sigma PCN_s = T$$

$$T_{Davis} = 29/19$$

$$T_{UNV} = 28/19$$

$$G_{avg} = 0.00$$

$$\Sigma G_{avg} = T$$

Saturday February 03, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. WSW	Temp 73 °F	-SHSN 1245-1820 LT -SHSN 2140-2240LT			
Min. 9 °F	Vel. 10 m.p.h.	Read. 20.01 in.				
Set 9 °F	Char. Gusty	Corr. 20.00 in.	0700	1300	1900	
R.H. 56 %	24 hr. Mov. - mi.	Sea L. 29.97 in.	Clds. 0/10	Clds.	Clds. 10/10 NS	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx Cold Clear	Wx	Wx -SHSN	
Ppn. Sol. 1.0 in.	Snow Depth 2 in.	Observer CAP	Vis. 25 mi.	Vis. mi.	Vis. 2 mi.	

$$\bar{T} = 22$$

$$HDD = 43$$

$$CDD = 0$$

$$\Sigma HDD = 120$$

$$\Sigma CDD = 0$$

$$\Sigma PCM = 0.00''$$

$$\Sigma PCMs = 1.0''$$

$$T_{DAVIS} = 8 / -3.5$$

$$T_{WV} = 9 / -2$$

$$T_W = N/A$$

$$T_D = -3.5^*$$

* from Davis

G2: N/A (iced over)
EG2: T

Sunday February 4, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	25 °F	Dir. SW	Temp 72 °F	1800 - 2045: - SHSN		
Min.	6 °F	Vel. 4 m.p.h.	Read. 28.89 in.			
Set	7 °F	Char. Variable	Corr. 28.76 in.			
R.H.	52 %	24 hr. Mov. - mi.	Sea L. 30.25 in.	0700	1300	1900
Clds.				1/10 St		
Ppn.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T	in.	-	- 0 mb	cold		Breezy and cold
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
T	in.	2 in.	JMZ	25 mi.	mi.	25 mi.

$$\bar{T} = 16^\circ$$

$$MDD = 49$$

$$\Sigma MDD = 177$$

$$\Sigma PCN_L = 0.08''$$

$$\Sigma PCN_S = 1.0''$$

$$T_{DAVIS} = 7/-6$$

$$T_{UNV} = 5/-6$$

$$T_W = -$$

$$T_D = -6$$

$$G2: T$$

$$\Sigma G2: T$$

Monday, 5 February, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
18 °F	WSW	71 °F				
Min.	Vel.	Read.				
-1* °F	14 m.p.h.	29.01 in.				
Set	Char.	Corr.	* First sub-zero temperature since 29 January, 2005 cond.			
-1 °F	breezy	28.89 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	1300	1900	
53 %	— mi.	30.41 in.	0 to 3 to 5		2 10 St.	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx v. cold, breezy at times	Wx	Wx Cold and Windy	
0.00 in.	—	+1.6 mb				
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	1 in.	AGM	25 mi.	mi.	25 mi.	

$$\bar{T} = 9^\circ$$

$$HDD = 56$$

$$\Sigma HDD = 233$$

$$\Sigma PCN_L = 0.08''$$

$$\Sigma PCN_S = 1.0''$$

$$T_{DAVIS} = -1^\circ / -14.5^\circ$$

$$T_{UNV} = -2^\circ / -11^\circ$$

$$T_{KPSU} = M/M$$

$$T_w = M$$

$$T_o = -14.5^\circ$$

$$PCN_{G2} = 0.00''$$

$$\Sigma PCN_{G2} = T$$

Tuesday, 6 February 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	9 °F	Dir. WSW	Temp 71 °F			
Min.	-1 °F	Vel. 4 m.p.h.	Read. 29.09 in.			
Set	-1 °F	Char. light	Corr. 28.97 in.			
R.H.	63 %	24 hr. Mov. - mi.	Sea L. 30.49 in.	0700 Clds. 1/10 St	1300 Clds. St 5/10 Sc	1900 Clds. Cir 5/10 St
Ppn. Liq.	0 in.	Prev. Dir. -	3 hr. Tend. -0.2 mb	Wx Very cold and clear	Wx Cold, Partly cloudy	Wx Cold, P. Cloudy
Ppn. Sol.	0 in.	Snow Depth 1 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 4^\circ$$

$$MDD = 61$$

$$\Sigma MDD = 294$$

$$\Sigma PCN_6 = .08''$$

$$\Sigma PCN_5 = 1.0''$$

$$T_{DAVIS} = 0/-9^\circ$$

$$T_{UNV} = 0/-8^\circ$$

$$T_W = -$$

$$T_D = -9^\circ$$

$$PCN_{62} = 0.00''$$

$$\Sigma PCN_{62} = T$$

Wednesday 7 February 2007
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SN 0100LT-0600LT			
11 °F	W	72 °F				
Min.	Vel.	Read.				
-1 °F	7 m.p.h.	28.83 in.	*Overnight low: 7°			
Set	Char.	Corr.				
8 °F	Steady	28.71 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. Cu	
69 %	— mi.	30.19 in.	3/10 st	3/10 cu	2/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.02 in.	—	↑ 2 mb	M. clear	M. clear	mostly clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.3 in.	1 in.	AOB	25 mi.	25 mi.	25 mi.	

$\bar{T}: 5$

HDD: 60

Σ HDD: 354

CDD: 0

Σ CDD: 0

Σ PCN_L: 0.10"

Σ PCN_S: 1.3"

T_{DAVIS}: 7/0

T_{UNV}: 7/0

T_w: -

T₀: 0

PCN_{G2}: 0.02"

Σ PCN_{G3}: 0.02"

Thursday February 8, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	17 °F	Dir.	W	Temp	72 °F	-SHSN 0900-0915		
Min.	8 °F	Vel.	10 m.p.h.	Read.	29.02 in.	-SN 0339-0429		
Set	9 °F	Char.	Breezy	Corr.	28.89 in.	-SN 0519-0647		
R.H.	66 %	24 hr. Mov.	— mi.	Sea L.	30.20 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	~+1 mb	Clds. Sc 0	Clds.	Clds. Ac 3/10 C
Ppn.	T in.	Snow Depth	1 in.	Observer	AK	Wx mostly cloudy	Wx	Wx mostly sunny
				Vis.	25 mi.	Vis.	mi.	Vis. 25 mi.

OVN < LOW 09

$$\bar{T} = 13$$

$$HDD = 52$$

$$CDD = 0$$

$$\Sigma HDD = 406$$

$$\Sigma CDD = 0$$

$$\Sigma P(N_2) = 0.10''$$

$$\Sigma P(N_5) = 1.3''$$

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

$$T_{UNV} = 9/0$$

$$G_{avg} = T$$

$$\Sigma G_{avg} = 0.02''$$

Friday February 9, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 20 °F		Dir. SW		Temp 72 °F		-SHSN 0706-0726 -PE 1011-1058		
Min. 8 °F		Vel. 10 m.p.h.		Read. 29.03 in.				
Set 12 °F		Char. breezy		Corr. 28.88 in.		POUNT LOW 10		
R.H. %		24 hr. Mov. mi.		Sea L. 30.21 in.		0700	1300	1900
Ppn. T in.	Liq. in.	Prev. Dir. —		3 hr. Tend. +0 mb		Clds. $\frac{2}{10}$ Sc As	Clds. $\frac{3}{10}$ CU	Clds. $\frac{0}{10}$
						Wx cloudy	Wx clear	Wx clear
Ppn. T in.	Sol. in.	Snow Depth 1 in.		Observer AK		Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 14$$

$$HDD = 51$$

$$CDD = 0$$

$$\Sigma HDD = 457$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_s = 0.10''$$

$$\Sigma PCN_g = 1.3''$$

$$\bar{T}_{Davis} = 11/3$$

$$TUNV = 12/3$$

$$Gauged = T$$

$$\Sigma Gauged = 0.02''$$

Saturday Feb 10, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	24 °F	Dir.	SW	Temp	74 °F	-S+SN 0800-0920 LT		
Min.	12* °F	Vel.	5 m.p.h.	Read.	20.90 in.			
Set	14 °F	Char.	Breezy	Corr.	20.77 in.	*overnight low = 14 °F		
R.H.	67 %	24 hr. Mov.	— mi.	Sea L.	20.00 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	-0.2 mb	Clds. AS 10/10	Clds.	Clds. CU 2/10
Ppn.	T in.	Snow Depth	T in.	Observer	GSP	Wx OVCST	Wx	Wx mostly clear
				Vis.	25 mi.	Vis.		Vis. 25 mi.

$$\bar{T} = 18$$

$$HDD = 47$$

$$CDD = 0$$

$$\Sigma HDD = 504$$

$$\Sigma CDD = 0$$

$$\Sigma PCML = 0.10''$$

$$\Sigma PCN_3 = 1.3''$$

$$T_{DAVIS} = 14/5$$

$$T_{UNV} = 14/7$$

$$T_W = N/A$$

$$T_D = 5^*$$

from Davis

$$GZ: T$$

$$\Sigma GZ: 0.02''$$

Sunday Feb 11, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	21 °F	Dir. SW	Temp 74 °F	0915-1030LT: -SHSN		
Min.	10 °F	Vel. 3 m.p.h.	Read. 29.03 in.	1235-1245LT: -SHSN		
Set	11 °F	Char. Light	Corr. 28.90 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	Clds. 9/10 Ac	Clds.	Clds. 10/10 As
Ppn.	T in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx Mostly Cloudy	Wx	Wx Cloudy
Ppn.	T in.	Snow Depth T in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 16^\circ$$

$$HDD = 49$$

$$\Sigma HDD = 553$$

$$\Sigma PCN_L = 0.10''$$

$$\Sigma PCN_S = 1.3''$$

$$T_{DAVIS} = 10/4$$

$$T_{UNV} = 10/5$$

$$T_W = -$$

$$T_D = 4$$

$$G2:T$$

$$\Sigma G2: 0.02''$$

Monday, 12 February, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. W	Temp 74.5 °F			
Min.	10 °F	Vel. 9 m.p.h.	Read. 29.04 in.			
Set	25 °F	Char. steady	Corr. 28.92 in.	K overnight low = 25		
				0700	1300	1900
R.H.	59 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. 10/10 St, As	Clds. 10/10 AS CU	Clds. 10/10 NS
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.5mb	Wx overcast	Wx BLN overcast	Wx -SHSN
Ppn. Sol.	0.0 in.	Snow Depth T in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T} = 20^\circ$
HDD = 45
 $\Sigma HDD = 598$

$T_{DAVIS} = 24.5^\circ / 12^\circ$
 $T_{UNV} = 25^\circ / 12^\circ$
 $T_{KPSU} = 25^\circ / M$

$T_v = -$
 $T_b = 12^\circ$

$\Sigma PCN_L = 0.10''$
 $\Sigma PCN_S = 1.3''$

$PCN_{62} = 0.00''$
 $\Sigma PCN_{62} = 0.02''$

Tuesday 13 Feb 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F		Dir. NNE	Temp 74 °F	1900-1930LT: -SHSN 0430-0700LT: -SHSN		
Min. 20 °F		Vel. 3 m.p.h.	Read. 29.09 in.			
Set 20 °F		Char. Variable	Corr. 28.96 in.	0700	1300	1900
R.H. 84 %		24 hr. Mov. - mi.	Sea L. 30.42 in.	Clds. 10/10 NS	Clds. 10 NS	Clds. 10/10 NS
Ppn. Liq. .02 in.		Prev. Dir. -	3 hr. Tend. / 2 mb	Wx -SHSN	Wx SNOW	Wx SN
Ppn. Sol. .2 in.		Snow Depth T in.	Observer JMZ	Vis. 3 mi.	Vis. 0.5 mi.	Vis. 0.4 mi.

$$\bar{T} = 28$$

$$HDD = 37$$

$$\Sigma MDD = 635$$

$$T_{DAVIS} = 20/16$$

$$T_{UNV} = ~~19~~ 19/18$$

$$T_W = -$$

$$T_0 = 16$$

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

$$\Sigma PCN_S = 1.5''$$

$$PCN_{G2} = .01''$$

$$\Sigma PCN_{G2} = .03''$$

Wednesday, 14 February, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 20 °F	Dir. NE	Temp 74.5 °F	OBS-1600LT: -SN 1600-2020LT: -SN/ocnl SN 2020-2200LT: -SN and -PE oscillations		
Min. 16 °F	Vel. 4 m.p.h.	Read. 28.40 in.	2200LT -OBS: -PE, mixing with -SN at times, precipitation moderate at times.		
Set 16 °F	Char. variable	Corr. 28.27 in.	6-hour precip notes on back		
			0700	1300	1900
R.H. 86 %	24 hr. Mov. - mi.	Sea L. 29.70 in.	Clds. 10/10 NS	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 1.31 in.	Prev. Dir. -	3 hr. Tend. -4.1 mb	Wx Light Sleet	Wx -SN	Wx Light Snow
Ppn. Sol. 8.6 in.	Snow Depth 6 in.	Observer AGM	Vis. ~2.5 mi.	Vis. 2 mi.	Vis. 3.5 mi.

$\bar{T} = 18^\circ$
HDD = 47
 $\Sigma HDD = 682$
 $\Sigma PCN_L = 1.43''$
 $\Sigma PCN_S = 10.1''$

$T_{DAVIS} = 17.5^\circ/14^\circ$
 $T_{HWY} = 16^\circ/14^\circ$
 $T_{KPRN} = 16^\circ/M$

$T_w = -$
 $T_b = 14^\circ$

LIQ" SOL"
OBS-18Z 0.19 2.2, 11.5:1 RATIO
18Z-0Z 0.30 3.0, 10:1 RATIO
0Z-6Z 0.50 2.0 ← ~1.8" PE, 0.2" SN
6Z-12Z 0.30 1.2 ← ~1.0" PE, 0.2" SN

Stm Totals at 2/M/07 OBS:
1.3Z LIQ, 8.8" FRZ
(5.8" SNOW)
(2.8" SLEET)

PCN_{LTB} = 0.74"
PCN_{QZ} = N/A
 $\Sigma PCN_{QZ} = N/A$



Thursday February 15, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 20 °F	Dir. W	Temp. 74 °F	--SNPLC OBS - 1000 LT --SN, OCCUR SW 1000-2100 LT			
Min. 7 °F	Vel. 10 m.p.h.	Read. 29.82 in.				
Set 8 °F	Char. Breezy	Corr. 29.51 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.79 in.	Clds. $\frac{10}{10}$ sc	Clds. 7/10 cu	Clds. cu $\frac{7}{10}$ sc	
Ppn. Liq. 0.16 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx cloudy	Wx M cloudy	Wx Mostly cloudy	
Ppn. Sol. 1.8 in.	Snow Depth 8 in.	Observer AK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\begin{aligned}\bar{T} &= 14 \\ H00 &= 51 \\ C00 &= 0 \\ \Sigma H00 &= 733 \\ \Sigma C00 &= 0 \\ \Sigma PCN_2 &= 1.59 \\ \Sigma PCN_3 &= 11.9\end{aligned}$$

$$\begin{aligned}T_{Davis} &= 71-1 \\ T_{UVV} &= 711\end{aligned}$$

$$\begin{aligned}\text{Gauge} &= \\ \text{Storm } \Sigma \text{ Gauge } &= 1.17\end{aligned}$$

Friday February 16, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 16 °F	Dir. W	Temp 74 °F		-SN 1819-1848	-SN 0650	
				-SN 2039-2053	-0718	
Min. 6 °F	Vel. 11 m.p.h.	Read. 29.84 in.		-SN 0404-0433		
				-SN 0634-0645		
Set 10 °F	Char. Breezy	Corr. 29.71 in.		*OUNT LOW 10		
				0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.84 in.		Clds. Ac 2/10 Sc	Clds. Sc 9/10 Sc	Clds. Sc 4/10 Sc
Ppn. Liq. T in.	Prev. Dir. ←	3 hr. Tend. — ±0mb		Wx Cloudy breezy	Wx U. cloudy	Wx Windy.
Ppn. Sol. T in.	Snow Depth 8 in.	Observer AK		Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$T = 11$$

$$H00 = 54$$

$$C00 = 0$$

$$\Sigma H00 = 787$$

$$\Sigma C00 = 0$$

$$\Sigma PCN_L = 1.59$$

$$\Sigma PCN_S = 11.9$$

$$T_{0ans} = 11/3$$

$$T_{UNV} = 10/3$$

$$G_{unved} = T$$

$$\Sigma G_{unved} = 1.17$$

Saturday February 17, 2007
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 22 °F	Dir. S ^A	Temp 74 °F	SHSN 0705 - 0725LT			
Min. 10 ⁺ °F	Vel. 3 ^A m.p.h.	Read. 29.74 in.	Δ from NOAA-NWS OB			
Set 19 °F	Char. light	Corr. 29.61 in.	+ overnight low = 14°F			
R.H. 54 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 9/10 AS	Clds.	Clds. AC 9/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ~ -0.5 mb	Wx/Comments M. Cloudy	Wx	Wx M. Cloudy	
Ppn. Sol. T in.	Snow Depth 7 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 16$
 $HDD = 49$
 $CDD = 0$
 $\Sigma HDD = 836$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 1.59''$
 $\Sigma PCN_S = 11.9''$

$T_{DAVES} = \text{unavailable}$
 $T_{UV} = 19/5$

$T_W = N/A$
 $T_D = 5^*$

from NOAA-NWS OB

$GZ = T$
 $\Sigma GZ = 1.17''$

Sunday February 18, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 30 °F		Dir. WNW	Temp 74 °F	1500-1630 LT: -SHSN		
Min. 18* °F		Vel. 8 m.p.h.	Read. 28.59 in.	2000-2230 LT: -SHSN		
Set 20 °F		Char. Variable	Corr. 28.46 in.	0030-0045 LT: -SHSN		
				0400-0430 LT: -SHSN		
				*Overnight Low = 20°F		
				0700	1300	1900
R.H. 72 %		24 hr. Mov. - mi.	Sea L. in.	Clds. Ac P10 As	Clds.	Clds. 10 Sc, St, 10 As
Ppn. Liq. .01 in.		Prev. Dir. -	3 hr. Tend. +1.2 mb	Wx M. Cloudy	Wx	Wx -sc], Blueyery
Ppn. Sol. 0.3 in.		Snow Depth 6 in.	Observer Jmz	Vis. 20 mi.	Vis. mi.	Vis. ~9 mi.

$$\bar{T} = 24$$

$$HDD = 41$$

$$\Sigma HDD = 877$$

$$\Sigma PCN_L = 1.60''$$

$$\Sigma PCN_S = 12.2''$$

$$T_{DAVIS} = 20/14$$

$$T_{UNV} = 19/14$$

$$T_W = -$$

$$T_D = 14$$

$$G_2 = .01''$$

$$\Sigma G_2 = 1.18''$$

Monday, 19 February, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 25 °F	Dir. SW	Temp 74 °F		0730-1010LT: -SN 1040-1215LT: (ocnl) -SH SN± 1650-1710LT: -SH SN/SH SN 1735-1815LT: -SH SN/SH SN		
Min. 8 °F	Vel. 1 m.p.h.	Read. 28.93 in.				
Set 8 °F	Char. -calm	Corr. 28.81 in.		0700	1300	1900
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. - $\frac{0}{10}$ AS	Clds. 10/10 AS	Clds. CU 2/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.8 mb	Wx clear, cold	Wx OVERCAST	Wx M. Clear calm	
Ppn. Sol. 0.2 in.	Snow Depth 6 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 17^\circ$$
$$HDD = 48$$
$$\Sigma HDD = 925$$

$$T_{DAVIS} = 8.5^\circ/0^\circ$$
$$T_{UNV} = 9^\circ/10^\circ$$
$$T_{KPSA} = 0^\circ/M$$

$$T_w = -$$
$$T_a = 0^\circ$$

$$\Sigma PCN_L = 1.60''$$
$$\Sigma PCN_E = 12.4''$$

$$PCN_{G2} = T$$
$$\Sigma PCN_{G2} = 1.18''$$

Tuesday February 20, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	SW	Temp	75 °F	Overnight Low = 25°		
Min.	8* °F	Vel.	4 m.p.h.	Read.	28.61 in.			
Set	41 °F	Char.	variable	Corr.	28.48 in.			
R.H.	47 %	24 hr. Mov.	— mi.	Sea L.	29.85 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	-0.2 mb	Clds. Contrails 7/10 AC St	Clds. AC St 10	Clds. NLS 10/10 NLS
Ppn.	0 in.	Snow Depth	4 in.	Observer	JMZ	Wx M. Cloudy Mild	Wx Cloudy	Wx -RA
Ppn.	0 in.	Sol.		Vis.	25 mi.	Vis.	25 mi.	Vis. ~10 mi.



$$\bar{T} = 25$$

$$HDD = 40$$

$$\Sigma HDD = 965$$

$$T_{DAVIS} = 42/22$$

$$T_{UNV} = 34/19$$

$$T_W = 35^\circ$$

$$T_D = 22^\circ$$

$$\Sigma PCN_i = 1.60''$$

$$\Sigma PCN_s = 12.4''$$

$$PCN_{62} = 0$$

$$\Sigma PCN_{62} = 1.18''$$

Wednesday, 21 February 2007
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. W	Temp 76 °F	- RA 1745LT - 2200LT		
Min.	35 °F	Vel. 2 m.p.h.	Read. 28.68 in.			
Set	36 °F	Char. Variable	Corr. 28.55 in.			
R.H.	82 %	24 hr. Mov. - mi.	Sea L. 29.94 in.	0700 Clds. st 7/10 SC	1300 Clds. CC 5/10 all Ormaiz	1900 Clds. SC 5/10
Ppn. Liq.	0.03 in.	Prev. Dir. -	3 hr. Tend. +2 mb	Wx M, Cloudy	Wx M, Sunny	Wx Partly Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 4 in.	Observer ADB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 42$$

$$HDD = 23$$

$$\sum HDD = 988$$

$$T_{DAVIS} = 36/31$$

$$T_{unv} = 36/30$$

$$T_w = 34$$

$$T_o = 31$$

$$\sum PCN_L = 1.63''$$

$$\sum PCN_S = 12.4''$$

$$G_2 = 0.04$$

$$\sum G_2 = 1.22''$$



Thursday February 22, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F		Dir. SW	Temp 76 °F			
Min. 29 °F		Vel. 1 m.p.h.	Read. 28.82 in.			
Set 30 °F		Char. Light	Corr. 28.69 in.	0700	1300	1900
R.H. 86 %		24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. sc sc 10	Clds. sc st 10/10	Clds. sc us 10 10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. -2 mb	Wx cloudy	Wx overcast	Wx Light Rain
Ppn. Sol. 0.0 in.		Snow Depth 4 in.	Observer AK	Vis. 25 mi.	Vis. 10.3 mi.	Vis. 25 mi.

$$\bar{T} = 37$$

$$HND = 28$$

$$COD = 1010$$

$$\Sigma HND = 1016$$

$$\Sigma COD = 0$$

$$\Sigma PCN_2 = 1.63''$$

$$\Sigma PCN_3 = 12.4''$$

$$T_{Ours} = 31/26$$

$$T_{UV} = 28/25$$

$$b_{\text{avg}} = 0.00$$

$$\Sigma \text{Gauge} = 1.22''$$

Friday February 23, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F	Dir. NW	Temp 75 °F		-SHRASN 1020-1153 -SHRASN 1344-2102 -SN 0123-0605		
Min. 20 °F	Vel. 21 m.p.h.	Read. 29.02 in.				
Set 21 °F	Char. Windy	Corr. 28.87 in.		0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 10 SE	Clds. 5/10 SC	Clds. 0/10	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. +3 mb	Wx cloudy, windy	Wx SHRASN P. Cloudy	Wx Clear	
Ppn. Sol. 0.1 in.	Snow Depth 3 in.	Observer AK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{F} = 30$$

$$H00 = 35$$

$$C00 = 0$$

$$\sum H00 = 1051$$

$$\sum C00 = 0$$

$$\sum PCW_2 = 16.8''$$

$$\sum PCW_3 = 12.5''$$

$$T_{Davis} = 20/9$$

$$T_{WV} = 21/12$$

$$Gauged = ~~0.00~~ \overset{I}{0.00}$$

$$\sum Gauged = 1.00''$$

Saturday February 24, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 29 °F	Dir. NW	Temp 72 °F		-SHSN -SN	0800 - 0900 LT 1300 - 1320 LT	
Min. 10 °F	Vel. 7 m.p.h.	Read. 29.13 in.				
Set 10 °F	Char. Breezy	Corr. 29.00 in.		0700	1300	1900
R.H. 73 %	24 hr. Mev. mi.	Sea L. 30.31 in.	Clds. 2/10 ci	Clds.	Clds. CS 7/10	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. +0.5mb	Wx M. clear	Wx	Wx M/PM cloudy	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer CAP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 19$$

$$HDD = 46$$

$$CDD = 0$$

$$\Sigma HDD = 1097$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 1.68''$$

$$\Sigma PCNS = 12.5''$$

$$T_{DAVIS} = 10.5/3$$

$$T_{UNV} = 10/3$$

$$T_w = N/A$$

$$T_b = 3^*$$

*from Davis

$$G2: T$$

$$\Sigma G2: 1.22''$$

Sunday Feb. 25, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. NNE	Temp 75 °F	1000-1010 LT = - dz			
Min. 10* °F	Vel. 2 m.p.h.	Read. 28.94 in.	* Overnight Low = 25			
Set 25 °F	Char. Light	Corr. 28.81 in.	0700	1300	1900	
R.H. 71 %	24 hr. Mov. - mi.	Sea L. 30.24 in.	Clds. 10/10 Ac	Clds.	Clds. 10 St, Ns 10	
Ppn. Liq. 0.09n.	Prev. Dir. -	3 hr. Tend. -1.5 mb	Wx M. Cloudy	Wx	Wx --SN/-DB FEB	
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. ~5 mi.	

$$\bar{T} = 24$$

$$HDD = 41$$

$$\Sigma HDD = 1138$$

$$\Sigma PCN_L = 1.68''$$

$$\Sigma PCN_B = 12.5''$$

$$T_{DAVID} = 27/17$$

$$T_{UNV} = 25/18$$

$$T_W = -$$

$$T_O = 17$$

$$G_2 : T$$

$$\Sigma G_2 : 1.22''$$

Monday, 26 February, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 32 °F	Dir. E	Temp 75 °F		1020-1430LT: -SN 1430-2215LT: OCNL --SN/-FZDZ/--PE 2215-0030LT: -SN/OCNL SN/+SN/PE 0030-0430LT: -FZDZ/-FZRA/-PE/OCNL-SN 0430-0630LT: -SN		
Min. 25* °F	Vel. 1 m.p.h.	Read. 28.57 in.		overnight low = 28°		
Set 28 °F	Char. ~calm	Corr. 28.44 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 29.84 in.	Clds. 10/10 st	Clds. 10/10 AS	Clds. 10/10 CU	
Ppn. Liq. 0.38 in.	Prev. Dir. —	3 hr. Tend. —/+1.0 mb	Wx Overcast	Wx Fg Overcast	Wx Overcast	
Ppn. Sol. 2.8 in.	Snow Depth 4 in.	Observer AGM	Vis. ~4 mi.	Vis. 25 mi.	Vis. 8 mi.	

$$\bar{T} = 29^\circ$$

$$HDD = 36$$

$$\Sigma HDD = 1174$$

$$T_{DAVIS} = 28^\circ/27^\circ$$

$$T_{UNV} = 28^\circ/28^\circ$$

$$T_{KPSH} = 28^\circ/27^\circ$$

$$T_w = -$$

$$T_o = 27^\circ$$

$$\Sigma PCN_1 = 2.06''$$

$$\Sigma PCN_2 = 15.3''$$

$$PCN_{L78} = 0.15''$$

$$PCN_{62} = 0.34''$$

$$\Sigma PCN_{62} =$$

Tuesday Feb 27, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F	Dir. —	Temp 75 °F	0715 LT: fZdZ			
Min. 28+ °F	Vel. 0 m.p.h.	Read. 28.72 in.	2130-2230: -SHSN			
Set 31 °F	Char. CALM	Corr. 28.59 in.	0125-0215 LT: -SHSN			
			*Overnight Low = 30			
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	0700	1300	1900	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1.2 mb	Clds. 9/10 ST	Clds. Ac 10 Sc	Clds. 5/10 Ac ST	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer JMZ	Wx M. Cloudy	Wx Cloudy, Breezy	Wx P/Cloudy SMH Nearby	
			Vis. 20 mi.	Vis. 20 mi.	Vis. 10 mi.	

$$\bar{T} = 33$$

$$HDD = 384$$

$$\Sigma HDD = 1208$$

$$\Sigma PCN_L = 2.06''$$

$$\Sigma PCN_S = 15.3''$$

$$T_{DAVIS} = 31/30^\circ$$

$$T_{UNV} = 32/30^\circ$$

$$T_W = -$$

$$T_D = 30^\circ$$

$$PCN_{62} = T$$

$$\Sigma PCN_{62} = 1.56''$$

Wednesday, Feb 28, 2007
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.			Dir.		Temp		-SNSH	1400-1440 LT	
39	°F		NW		76	°F	-SNSH	1500-1540 LT	
Min.			Vel.		Read.		-SNSH	1640-1700 LT	
31	°F		7 m.p.h.		28.95	in.	-SNSH	2040-2120 LT	
Set			Char.		Corr.				
32	°F		Steady		28.81	in.	0700	1300	1900
R.H.			24 hr. Mov.		Sea L.		Clds.	Clds.	Clds. ^h
82	%		-	mi.	30.22	in.	10/10 SE	10/10 AS	10 SE
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
T	in.		-		+2	mb	overcast	overcast	cloudy
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
T	in.		3	in.	ADB		16	mi.	~17
								mi.	20

$$\bar{T} = 35$$

$$HDD = 30$$

$$\sum HDD = 1235$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$\sum PCN_L = 2.06''$$

$$\sum PCN_S = 15.3''$$

$$T_{DAVIS} = 32/27$$

$$T_{UNV} = 32/27$$

$$T_W = -$$

$$T_D = 27^\circ$$

FEB. Temp's

$$\bar{T}_{MAX} = 28.0^\circ F$$

$$\bar{T}_{MIN} = 13.3$$

$$\bar{T}_{AOS} = 20.64$$

$$PCN_{O_2} = T$$

$$\sum PCN_{O_2} = 1.56''$$