

Wednesday, February 1, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. W	Temp 70 °F		-RA 0730-0805 LT -SN 0805-0900 LT ~0600LT		
Min. 32 °F	Vel. 5 m.p.h.	Read. 28.78 in.				
Set 32 °F	Char. Light: variable	Corr. 28.67 in.	* Davis			
			0700	1300	1900	
R.H. 63 %	* 24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. st 10/10	Clds. 10/10 AS	Clds. 0/10 AC	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.3mb	Wx Overcast	Wx FO OVCST	Wx FO M-Cloudy	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 6.3 mi.	

$$\bar{T} = 36$$

$$HDD = 29$$

$$CDD = 0$$

$$\sum HDD = 29$$

$$\sum CDD = 0$$

$$\sum PCN_L = T$$

$$\sum PCN_S = T$$

$$T_{Dnis} = 32/24$$

$$T_{UNV} = 32/23$$

$$T_{wet} = n/a$$

$$T_{dew} = n/a$$

$$PCN_{LTB} = n/a$$

$$\sum PCN_{LTB} = n/a$$

Thursday February 02, 2006 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. —	Temp 71 °F			
Min.	29 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set	31 °F	Char. Calm	Corr. 28.42 in.	0700	1300	1900
R.H.	85 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. 9/10 AC	Clds. 10/10 ST	Clds. 9/10 AS
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx - DR BKN OVCST	Wx OVC OVCST	Wx OVC OVCST
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. 25 mi.	Vis. 25 mi.	Vis. 6.3 mi.

$$\bar{T} = 34$$

$$HDD = 31$$

$$CDD = 0$$

$$\Sigma HDD = 60$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = T$$

$$\Sigma PCN_S = T$$

$$T_{DAVIS} = 33/27$$

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

$$T_W = N/A$$

$$T_D = 27^*$$

* from Davis

Friday February 03, 2016
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F	Dir. S	Temp 72 °F	Temp 72 °F	OCLL PG/AST 0720-0920	OCLL - DZ 1800-1940	- SHRA 0040-0700
Min. 31 °F	Vel. 2 m.p.h.	Read. 28.38 in.	Read. 28.38 in.	# overnight low = 41		
Set 41 °F	Char. Light	Corr. 28.25 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.53 in.	Clds. 10/10 NS	Clds. 10/10 SC	Clds. 3x 10/10	
Ppn. Liq. 0.37 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx PG -RA OVRCAST	Wx OVRCAST	Wx Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. ≈ 12 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 38$$

$$HDD = 27$$

$$CDD = 0$$

$$\Sigma HDD = 87$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.37''$$

$$\Sigma PCN_S = T$$

$$T_{DAYS} = 41/40$$

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

$$T_W = 40$$

$$T_D = 39$$

Saturday, February 4, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F		Dir. NNE	Temp 71 °F	-DZ OBS - OBSOULT		
Min. 35 °F		Vel. 3 m.p.h.	Read. 28.63 in.			
Set 36 °F		Char. Light	Corr. 28.51 in.			
				0700	1300	1900
R.H. 93 %		24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. St 10/10 Sc	Clds.	Clds. ¹⁰ / ₁₀ Ns, St
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx Cloudy w/ fog	Wx	Wx --RA
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~2 mi.	Vis. mi.	Vis. ~8 mi.

$$\bar{T} = 42$$

$$HDD = 23$$

$$CDD = 0$$

$$\sum HDD = 110$$

$$\sum CDD = 0$$

$$\sum PCW_L = 0.37$$

$$\sum PCW_s = T$$

$$T_{max} = 37/35^\circ$$

$$T_{min} = 32/32^\circ$$

$$T_w = 1h$$

$$T_d = 1h$$

$$PCW_{170} = N/A$$

$$\sum PCW_{170} = N/A$$

Sunday, 5 February, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	46 °F	Dir. WSW	Temp 71.5 °F	Light Fog OBS-900LT 1150-1445LT: -RA/ocnl RA/+RA, ending as -DZ		
Min.	34 °F	Vel. 18-25 m.p.h.	Read. 28.23 in.	1540-2240LT: -RA/RA, ocnl +RA 1830- 1935, ending as -DZ		
Set	34 °F	Char. breezy	Corr. 28.11 in.	0300LT-OBS: ocnl -- SN/--PE } → 0700 1300 1900		
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 29.48 in.	Clds. 10 10 Sc, Cu	Clds.	Clds. 10 10 Sc, Cu
Ppn. Liq.	0.48 in.	Prev. Dir. —	3 hr. Tend. /+0.8mb	Wx Winter Returning	Wx Blustery	Wx -SN], Breezy
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. ~20 mi.

$\bar{T} = 40^\circ$
HDD = 25
 $\Sigma \text{HDD} = 135$

$T_{\text{DAVIS}} = 34.5^\circ / 27^\circ$
 $T_{\text{UNV}} = 34^\circ / 27^\circ$
 $T_{\text{KPSH}} = 35^\circ / 22^\circ$

$T_{\text{WB}} = M$
 $T_{\text{OP}} = 27^\circ$

$\Sigma \text{PCN}_L = 0.85''$
 $\Sigma \text{PCN}_S = T$

Synopsis:
Strong fro pa @ ~1800LT
Proceeding Station Pressure drop of
20.0mb over 18 hours (972 → 951.2mb)
Severe thunderstorms w/ fro pa squall line
in Lancaster + Chester Counties ~ 2200LT,
meanwhile 985mb occluded L over Lake Erie.

$\text{PCN}_{\text{LTS}} = 0.45''$
 $\Sigma \text{PCN}_{\text{LTS}} = N/A$



Monday, 6 February, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. W	Temp 70 °F	-SHSN ~ 1430, 1800 LT -SN 2230-2430 LT 2000 LT -SHSN 0530-085 LT		
Min. 24 °F	Vel. 20 m.p.h.	Read. 28.60 in.			
Set 24 °F	Char. GUSTY	Corr. 28.48 in.			
			0700	1300	1900
R.H. 74 %	24 hr. Mov. - mi.	Sea L. 29.90 in.	Clds. 5/10 Sc, B	Clds. 0 Cu, Ac 10	Clds. 0/10
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. 14.4 mb	Wx -SHSN	Wx -SHSN]	Wx clear
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer WJS	Vis. 7W 10 E mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 30$
HDD = 35
 $\Sigma \text{HDD} = 170$

$T_{\text{DAVIS}} = 25/18$
 $T_{\text{UNV}} = 25/16$
 $T_{\text{KPSU}} = 25/25$

$T_{\text{UB}} = M$
 $T_{\text{OP}} = /8$

$\Sigma \text{PCN}_L = 0.85''$
 $\Sigma \text{PCN}_S = 0.1''$

$\text{PCN}_{\text{LUB}} = \text{---}$
 $\Sigma \text{PCN}_{\text{LUB}} = \#/A$

Tues. Feb 7, 2006

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.											
Max. 34 °F	Dir. WSW	Temp 70 °F	*DAVIS - SHSN 0800-930 LT, 1040-1230 LT	<table border="1"> <tr> <td>0700</td> <td>1300</td> <td>1900</td> </tr> <tr> <td>Clds. 10/10 Ac St</td> <td>Clds. 9/10 St</td> <td>Clds. 8/10 St</td> </tr> <tr> <td>Wx overcast</td> <td>Wx mostly cloudy</td> <td>Wx Mostly Cloudy</td> </tr> </table>			0700	1300	1900	Clds. 10/10 Ac St	Clds. 9/10 St	Clds. 8/10 St	Wx overcast	Wx mostly cloudy	Wx Mostly Cloudy
0700	1300	1900													
Clds. 10/10 Ac St	Clds. 9/10 St	Clds. 8/10 St													
Wx overcast	Wx mostly cloudy	Wx Mostly Cloudy													
Min. 24 °F	Vel. 10 m.p.h.	Read. 28.85 in.													
Set 26 °F	Char. gusty	Corr. -0.25 in.													
R.H. * 74 %	24 hr. Mov. - mi.	Sea L. 30.28 in.	Clds. 10/10 Ac St	Clds. 9/10 St	Clds. 8/10 St										
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. + .5 mb	Wx overcast	Wx mostly cloudy	Wx Mostly Cloudy										
Ppn. Sol. .1 in.	Snow Depth 0 in.	Observer RAB	Vis. 10 mi.	Vis. 25 mi.	Vis. 10 mi.										

$$T = 29$$

$$HDD = 36$$

$$EHDD = 206$$

$$CDD = 0$$

$$ECDD = 0$$

$$\Sigma PCNL = 0.05''$$

$$\Sigma PCNS = 0.2''$$

$$T_{prev} = 26/19$$

$$T_{mv} = 27/19$$

$$T_w = N/A$$

$$T_D = 19$$

(days)

$$PCNLB = N/A$$

$$\Sigma PCNLB = N/A$$

Wednesday, February 8, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 32 °F	Dir. W	Temp 70 °F		0000 - SHSN 0814 - 0915 LT 0000 - SHSN 1522 - 1701 LT - SHSN 1900 - 1922 LT		
Min. 21 °F	Vel. 5 m.p.h.	Read. 28.85 in.				
Set 22 °F	Char. light	Corr. 28.74 in.		*using Davis Td		
				0700	1300	1900
R.H. 69 %	* 24 hr. Mov. - mi.	Sea L. 30.18 in.	Clds. Ac 6/10 As	Clds. Sc 9/10 Sc	Clds. Al 10/10 Al	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. - + 0 mb	Wx Partly cloudy	Wx BKN OVCST	Wx BKN OVCST	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 27$$

$$HDD = 38$$

$$CDD = 0$$

$$\Sigma HDD = 244$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.85''$$

$$\Sigma PCNS = 0.2''$$

$$T_{Dris} = 22/16$$

$$T_{uvv} = 21/16$$

$$T_{wet} = n/a$$

$$T_{dew} = n/a$$

$$PCNL_{18} = n/a$$

$$\Sigma PCNL_{18} = n/a$$

Thursday February 9, 2006
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 30 °F	Dir. NW	Temp 70 °F	0000 - 543N 1200 - 1320			
Min. 18 °F	Vel. 5 m.p.h.	Read. 28.88 in.				
Set 18 °F	Char. Breezy	Corr. 28.76 in.				
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	0700	1300	1900	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Clds. 5/10 AS AC	Clds. AC 3/10 AS	Clds. 8/10 AC	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer COP	Wx P. cloudy	Wx P. cloudy	Wx M. cloudy	
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 24$$

$$HDD = 41$$

$$CDD = 0$$

$$\Sigma HDD = 29.5$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.95''$$

$$\Sigma PCNS = 0.2''$$

$$T_{DAVIS} = 18/10$$

$$T_{UNV} = 18/9$$

$$T_W = N/A$$

$$T_D = 10 \spadesuit$$

* Data from Davis

Friday February 10, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 30 °F	Dir. SW	Temp 70 °F	-SHSN ~ 1300 - 1400			
Min. 17 °F	Vel. 3 m.p.h.	Read. 28.93 in.				
Set 23 °F	Char. light	Corr. 28.81 in.	0700	1300	1900	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 2/10 AC	Clds. 10/10 AS SC	Clds. 10/10 SC	
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend. -0.0 mb	Wx Fog M. away	Wx OVCST (2nd)	Wx Cloudy	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 24$$

$$HDD = 41$$

$$CDD = 0$$

$$\Sigma HDD = 326$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.05''$$

$$\Sigma PCNS = 0.2''$$

$$T_{DAYS} = 23/15$$

$$T_{UNV} = 23/10$$

$$T_W = N/A$$

$$T_D = 15''$$

* from Davis

Saturday, February 11, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F		Dir. W	Temp 70 °F	*DOWN-LOW 25		
Min. ← 23 °F		Vel. 2 m.p.h.	Read. 28.8 in.			
Set 26 °F		Char. Light	Corr. 28.75 in.			
				0700	1300	1900
R.H. 80 %		24 hr. Mov. — mi.	Sea L. 30.9 in.	Clds. Ac 4/10 As	Clds.	Clds. 10/10 Ns, St
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. — +0.1 mb	Wx Partly Cloudy	Wx	Wx -SN/-SN
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~17 mi.	Vis. mi.	Vis. ~4 mi.

$$T = 27$$

$$HDD = 36$$

$$CDD = 0$$

$$\Sigma HDD = 362$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.85''$$

$$\Sigma PCN_s = 0.2''$$

$$T_{HVES} = 27/22$$

$$T_{UV} = 23/21$$

$$T_s = m$$

$$T_w = m$$

$$PCN_{10} = N/A$$

$$\Sigma PCN_{10} = N/A$$

Sunday, 12 February, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. N	Temp 70 °F	1542LT-OBS: -SN/--SN		
Min.	25 °F	Vel. 4 m.p.h.	Read. 28.52 in.			
Set	25 °F	Char. variable	Corr. 28.40 in.			
R.H.	88 %	24 hr. Mov. — mi.	Sea L. 29.80 in.	0700	1300	1900
Ppn. Liq.	0.22 in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Clds. $\frac{10}{10}$ Ns, St	Clds.	Clds. $\frac{3}{10}$ Ci, Sc, $\frac{10}{10}$ Cu
Ppn. Sol.	2.1 in.	Snow Depth 2 in.	Observer AGM	Wx -SN	Wx	Wx Mostly Clear
				Vis. 2 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 31^\circ$
HDD = 34
 $\Sigma \text{HDD} = 396$
 $\Sigma \text{PCN}_L = 1.07''$
 $\Sigma \text{PCN}_S = 2.3''$

$T_{\text{DAVIS}} = 26.5^\circ / 22.5^\circ$
 $T_{\text{UNY}} = 25^\circ / 21^\circ$
 $T_{\text{KPSU}} = \text{M/M}$

$T_{\text{DB}} = \text{M}$
 $T_{\text{DP}} = 22^\circ$

$\text{PCN}_{\text{DB}} = 0.02''$
 $\Sigma \text{PCN}_{\text{DB}} = \text{N/A}$

Monday, 13 February, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. SW	Temp 69 °F	-SN/--SN: 085-0925LT OCNL-SN: 1430-1615LT		
Min.	17 °F	Vel. 4 m.p.h.	Read. 28.70 in.			
Set	19 °F	Char. steady	Corr. 28.59 in.			
				0700	1300	1900
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. 8/10 Sc, Cu, St	Clds. 10/10 Sc, Cu, Ns	Clds. Sc 4/10 Cu Ci
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. — +0.1 mb	Wx Fair	Wx Cloudy, flares in vicinity	Wx Partly cloudy
Ppn. Sol.	0.1 in.	Snow Depth 1 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 23^\circ$
HDD = 42
 $\Sigma \text{HDD} = 438$

$\Sigma \text{PCN}_i = 1.07^\circ$
 $\Sigma \text{PCN}_s = 2.4^\circ$

$T_{\text{DAVIS}} = 19.5^\circ/14.5^\circ$
 $T_{\text{UNY}} = 17^\circ/13^\circ$
 $T_{\text{KPSU}} = 16^\circ/\text{M}$

$T_{\text{DB}} = \text{M}$
 $T_{\text{DR}} = 14^\circ$

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

Tuesday, February 14, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	31 °F	Dir.	WSW	Temp	70 °F	★ ONN LOW 25 ★ DAVIS		
Min.	19 °F	Vel.	4 m.p.h.	Read.	28.01 in.	- SNSH 1400-14:33 LT - SNSH 1528-1538 LT		
Set	28 °F	Char.	light	Corr.	28.70 in.	0700	1300	1900
R.H.	73 %	24 hr. Mov.	— mi.	Sea L.	30.12 in.	Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	+ 1.0 / mb	Wx	Wx	Wx
						overcast	Mostly Sunny	
Ppn.	T in.	Snow Depth	2 in.	Observer	RAB	Vis.	Vis.	Vis.
						15 mi.	15 mi.	mi.

$$\bar{T} = 25$$

$$HDD = 40$$

$$\Sigma HDD = 478$$

$$CDD = 0$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 1.07''$$

$$\Sigma PCNS = 2.4''$$

$$T_{pavis} = 28/21$$

$$T_{unv} = 27/19$$

$$T_w = N/A$$

$$T_d = 21$$

(occurs)

$$PCNLTB = N/A$$

$$\Sigma PCNLTB = N/A$$

Wednesday, February 15, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. SW	Temp 72 °F			
Min.	* 27 °F	Vel. 7 m.p.h.	Read. 28.91 in.			
Set	43 °F	Char. Breezy	Corr. 28.79 in.	* overnight low 32		
				0700	1300	1900
R.H.	31 %	24 hr. Mov. - mi.	Sea L. 30.07 in.	Clds. Ci 3/10	Clds. Ci 8/10	Clds. Ci 5/10
Ppn. Liq.	0 in.	Prev. Dir. -	3 hr. Tend. +0.7 mb	Wx Mostly Sunny	Wx M. Sunny	Wx M. Clear
Ppn. Sol.	0 in.	Snow Depth T in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 36$
 $HDD = 29$
 $CDD = 0$
 $\Sigma HDD = 507$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 1.07''$
 $\Sigma PCN_S = 2.4''$

$T_{Davis} = 44/23$
 $T_{Urr} = 36/21$

$T_{Met} = 35$
 $T_{Dow} = 22$

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

Thursday February 16, 2006
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	58 °F	Dir.	—	Temp	72 °F						
Min.	33 °F	Vel.	0 m.p.h.	Read.	29.03 in.						
Set	34 °F	Char.	Calm	Corr.	28.90 in.						
R.H.	82%	24 hr. Mov.	— mi.	Sea L.	30.21 in.	0700	1300	1900			
Ppn. Liq.	6.00 in.	Prev. Dir.	—	3 hr. Tend.	-0.4 mb	Clds.	Clds. SC	Clds.	0/10 AC	7/10 BKU	4/10 AS
Ppn. Sol.	0.0 in.	Snow Depth	9 in.	Observer	WJP	Wx	Wx	Wx	H. Clear	P. Cloudy	V. Cloudy
						Vis.	Vis.	Vis.	25 mi.	25 mi.	25 mi.

$\bar{T} = 46$
 $HDD = 19$
 $CDD = 0$
 $\Sigma HDD = 526$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 1.07''$
 $\Sigma PCN_S = 2.4''$

$T_{DAYS} = 37.5/29$
 $T_{UNV} = 32/27$

$T_W = N/A$
 $T_D = 29'$

*from Davis

Friday February 17, 2000
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. Δ 64 °F	Dir. SSW	Temp 75 °F		SHRA 0440-0520 -SHRA 0520-0600 -SHRA 0620-0640		
Min. 34 °F	Vel. B m.p.h.	Read. 28.60 in.		A REC. DAILY MAX (OLD = 62, 1970) * OVERNIGHT LOW = 52° [5 minutes]		
Set 55 °F	Char. Gusty	Corr. 28.47 in.		0700	1300	1900
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 29.69 in.	Clds. 9/10 AC	Clds. 7/10 cu	Clds. Sc 6/10	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. -0.4 mb	Wx M. Cloudy -FL	Wx Cloudy	Wx Partly Cloudy	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GAP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 49$$

$$HDD = 16$$

$$CDD = 0$$

$$\Sigma HDD = 542$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 1.00''$$

$$\Sigma PCNS = 2.4''$$

$$\bar{T}_{DAVIS} = 55/45$$

$$\bar{T}_{UNY} = 52/43$$

$$T_w = 49$$

$$R_b = 435$$

Synoptics:

Polar cold front @ ~ 0630LT

Saturday, February 18, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F		Dir. WSW	Temp 70 °F	- SHRA 0749 - 0808 - SHSN 0650 - 0805		
Min. 24 °F		Vel. 15 m.p.h.	Read. 28.97 in.	Severe weather following 2/17 0630LT polar front: Wind gust to 63 mph @ 021LT; tipping bucket two-day total		
Set 24 °F		Char. Gusty	Corr. 28.86 in.	0700	1300	1900
R.H. 84 %		24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. Ws 10/10 St	Clds.	Clds. 3 Cu, Sc, 10 Ns]
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. ✓ +0.2 mb	Wx -SHSN	Wx	Wx -SHSN in vicinity]
Ppn. Sol. T in.		Snow Depth C in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$F = 38$
 $HDD = 27$
 $CDD = 0$
 $\Sigma HDD = 569$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 1.08"$
 $\Sigma PCN_S = 2.4"$

$T_{DAVIS} = 24/17$
 $T_{WV} = 25/16$

$T_p = M$
 $T_w = M$

of 6.46" from wind influences; and
a 13 mb station pressure rise, (967 mb
to 980.3 mb) over 5 hours following the fraps;
and two trees down + roof damage.

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

Sunday, 19 February, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	25 °F	Dir. WSW	Temp 75 °F	Thinly scattered frost at OBS; a few clusters of very small Cu/Sc clouds along Tussey and Bald Eagle ridges at OBS. Arctic fro pas: +SN SH / ocnl SN SH (0910-0920LT), visibility to near 1/16 mile during squalls, snowfall sublimated away by midday.		
Min.	6 °F	Vel. 8 m.p.h.	Read. 29.22 in.			
Set	6 °F	Char. almost breezy	Corr. 29.07 in.			
R.H.	72 %	24 hr. Mov. — mi.	Sea L. 30.60 in.	Clds. $\frac{0}{10}$	Clds.	Clds. $\frac{1}{10}$ C;
Ppn. Liq.	0.01 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Bright dawn	Wx	Wx M. Clear and pleasant
Ppn. Sol.	0.3 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

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

$$NDD = 49$$

$$\Sigma HDD = 618$$

$$\Sigma PCN_L = 1.09''$$

$$\Sigma PCN_S = 2.7^\circ$$

$$T_{DAVIS} = 6^\circ / -2^\circ$$

$$T_{UNV} = 5^\circ / 0^\circ$$

$$T_{KPSU} = 7^\circ / -8^\circ$$

$$T_{WB} = M$$

$$T_{DD} = -1^\circ$$

$$PCN_{L18} = 0.00''$$

$$\Sigma PCN_{L18} = N/A$$

Monday, 20 February, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	23 °F	Dir. SW	Temp 70 °F			
Min.	6* °F	Vel. 1 m.p.h.	Read. 28.94 in.			
Set	16 °F	Char. light	Corr. 28.84 in.	* Overnight low = 15°F		
R.H.	61 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	0700 Clds. 6/10 Ci, Ac	1300 Clds. 0/10	1900 Clds. 3/10 str
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -0.4 mb	Wx Fair	Wx Brilliant sunshine	Wx partly cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 15^\circ$
HDD = 50
 $\Sigma \text{HDD} = 668$
 $\Sigma \text{PCN}_L = 1.09''$
 $\Sigma \text{PCN}_S = 2.7''$

$T_{\text{DAVIS}} = 17^\circ/15^\circ$
 $T_{\text{UNV}} = 16^\circ/15^\circ$
 $T_{\text{KFSU}} = 18^\circ/-9^\circ$

$T_{\text{WB}} = M$
 $T_{\text{DP}} = 5^\circ$

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

Tuesday, Feb. 21 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SW	Temp 70 °F	* ONV LOW 23 * DAVIS			
Min. * 16 °F	Vel. 5 m.p.h.	Read. 28.85 in.				
Set 24 °F	Char. light	Corr. 28.74 in.				
R.H. 65 *	24 hr. Mov. — mi.	Sea L. 30.89 in.	0700 Clds. ci 2/10 W	1300 Clds. Aeu 7/10	1900 Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -.25 mb	Wx Mostly clear	Wx Partly Sunny	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 25$

HDD = 40

Σ HDD = 708

CDD = 0

Σ CDD = 0

Σ PCNL = 1.09"

Σ PCNS = 2.7"

$T_{\text{Davis}} = 24/14$

$T_{\text{unv}} = 23/14$

$T_w = \text{N/A}$

$T_d = 14$ (Davis)

PCNLTB = 0.00"
 Σ PCNLTB = N/A

Wednesday, February 22, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SHSN 0900-0930 LT OCLL -SN 1025-1100 LT *using Davis Td			
39 °F	WNW	70 °F				
Min.	Vel.	Read.				
21 °F	2 m.p.h.	28.81 in.				
Set	Char.	Corr.	0700	1300	1900	
21 °F	Light	28.70 in.				
R.H. *	24 hr. Mov.	Sea L.	Clds. Ci	Clds. AS	Clds.	
73 %	— mi.	30.14 in.	6/10 CS	6/10 AS		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	—	+0 mb	Partly Cloudy	M-Cloudy Fog		
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T in.	0 in.	SBS	25 mi.	25 mi.	mi.	

$$\bar{T} = 30$$

$$HDD = 35$$

$$CDD = 0$$

$$\Sigma HDD = 743$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.09''$$

$$\Sigma PCN_S = 2.7''$$

$$T_{Davis} = 21/16$$

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

$$T_{wet} = n/a$$

$$T_{dew} = n/a$$

$$PCN_{LB} = n/a$$

$$\Sigma PCN_{LB} = n/a$$

Thursday February 23, 2006
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F	Dir. SSW	Temp 71 °F	OCCL FG/MST 2300-0700 -65 0600-0020			
Min. 21 °F	Vel. 2 m.p.h.	Read. 29.72 in.				
Set 32 °F	Char. light	Corr. 29.59 in.	* overnight low = 32°			
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	0700	1300	1900	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Clds. NS 10% SC	Clds. CU 5/10 CW	Clds. 10%	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer COP	Wx + Fg overcast	Wx P. Cloudy	Wx Clear	
			Vis. 3.5 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 83$$

$$HDD = 32$$

$$CDD = 0$$

$$\Sigma HDD = 775$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.0911$$

$$\Sigma PCN_S = 2.7''$$

$$T_{DAVIS} = 31.5 / 30$$

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

$$T_W = N/A$$

$$T_D = 30''$$

* from Davis

Friday February 24 2006
10700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F	Dir. WNW	Temp 70 °F	Temp 70 °F	FG/MST -SHSN	0700 - 0720 LT	
Min. 23 °F	Vel. 10 m.p.h.	Read. 29.00 in.	Read. 29.00 in.	OCUL - SH +SHSN -SHSN -SHSN -SHSN	0720 - 0800 LT 0800 - 1100 LT 2100 - 2320 LT 0200 - 0240 LT 0540 - 0600 LT 0900 - 1015 LT	
Set 23 °F	Char. Gusty	Corr. 28.88 in.	Corr. 28.88 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. - mi.	Sea L. 30.18 in.	Sea L. 30.18 in.	Clds. AC 4/10 ST	Clds. CU 6/10 CU	Clds. CU 4/10 AC
Ppn. Liq. 0.10 in.	Prev. Dir. -	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	Wx P. Cloudy low level strat. E	Wx P. Cloudy	Wx Partly Cloudy
Ppn. Sol. 0.4 in.	Snow Depth T in.	Observer OP	Observer OP	Vis. ~17 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 34$$

$$HOD = 31$$

$$COD = 0$$

$$\Sigma HOD = 806$$

$$\Sigma COD = 0$$

$$\Sigma PCN_L = 1.19$$

$$\Sigma PCN_S = 3.1''$$

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

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

$$T_W = N/A$$

$$T_D = 16 +$$

* from Davis

Saturday, January 25, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F		Dir. SSW	Temp 70 °F	-SHSN 085-0715 LT -SHSN 0837-1039 LT -SHSN 0540-0603 LT * Ovrnt Low = 24°F		
Min. 23* °F		Vel. 5 m.p.h.	Read. 28.86 in.			
Set 27 °F		Char. Variable	Corr. 28.75 in.			
R.H. 49 %		24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. As 10/10	Clds.	Clds. 6 Cus Sc, 10 Ac
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. -2.4 mb	Wx Cloudy	Wx	Wx Blustery
Ppn. Sol. T in.		Snow Depth T in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T = 28

HDD = 37

CDD = 0

$\Sigma HDD = 093$

$\Sigma CDD = 0$

$\Sigma PCW_s = 1.19''$

$\Sigma PCW_s = 3.1'$

T_{DAVIS} = 28/11

T_{UNV} = 28/12

T_d = M

T_w = M

PCW_{LTS} = N/A

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

Sunday, 26 February, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. NW	Temp 69 °F	-PE/-SN SH: 1115-1145LT		
Min.	18 °F	Vel. 8 m.p.h.	Read. 29.00 in.	Cold fro pa ~ 1400LT, associated max gust 45mph		
Set	18 °F	Char. almost breezy	Corr. 28.89 in.	SN SH: 2000-2020LT. Accumulated to a dusting during burst before →		
R.H.	61 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +0.4mb	Clds. $\frac{4}{10}$ Cu, Sc	Clds.	Clds. $\frac{4}{10}$ Cu, Ci
Ppn. Sol.	0.1 in.	Snow Depth T in.	Observer AGM	Wx skies clearing	Wx	Wx Fair skies
				Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 36^\circ$$

$$HDD = 29$$

$$\Sigma HDD = 872$$

$$\Sigma PCN_L = 1.19''$$

$$\Sigma PCN_S = 3.2''$$

$$T_{DAVIS} = 19^\circ/7^\circ$$

$$T_{UNV} = 19^\circ/7^\circ$$

$$T_{KPSU} = 19^\circ/M$$

$$T_{WB} = M$$

$$T_{OP} = 7^\circ$$

→ melting on warm surfaces.

$$PCN_{LTB} = 0.10''$$

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

Monday, 27 February, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.		Dir.	Temp	OCNL -SN 0230LT-08S. Flakes small and of rather low ratio for temperature							
25	°F	WSW	69.5							°F	
Min.		Vel.	Read.								
15	°F	2	28.87	m.p.h.	in.						
Set		Char.	Corr.								
16	°F	steady	28.76	in.							
R.H.		24 hr. Mov.	Sea L.	0700	1300	1900					
84	%	-	30.22	Clds.	Clds.	Clds.					
		mi.	in.	$\frac{10}{10}$ Ns, St, C;		$\frac{10}{10}$ C ^w					
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx					
0.01	in.	-	-1.2	light fog -SN, to east		-SN					
Ppn. Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.					
0.1	in.	T	AGM	1.75	mi.	.5					
		in.			mi.	mi.					

$$\bar{T} = 20^\circ$$

$$HDD = 45$$

$$\Sigma HDD = 917$$

$$\Sigma PCN_L = 1.20''$$

$$\Sigma PCN_S = 3.3''$$

$$T_{DAVIS} = 16^\circ/12^\circ$$

$$T_{UNV} = 16^\circ/12^\circ$$

$$T_{KPSU} = 18^\circ/M$$

$$T_{WB} = -$$

$$T_{BP} = 12^\circ$$

$$PCN_{WB} = 0.00''$$

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

Tuesday, February 20, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 29 °F	Dir. W	Temp 69 °F	Read. 20.28 in.	* DAVIS - SN 1315-1345 LT + SN 1700-1922 LT - SN 1945-2230 LT		
Min. 14 °F	Vel. 1 m.p.h.	Corr. 20.77 in.		0700	1300	1900
Set 15 °F	Char. calm	R.H. * 68 %		Clds. 0/10	Clds. W 4/10	Clds. A 8/10
Ppn. Liq. .05 in.	Prev. Dir. -	3 hr. Tend. / 1 mb	Wx Sunny	Wx Mostly Sunny	Wx Breezy	
Ppn. Sol. 1.0 in.	Snow Depth 1 in.	Observer RAB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 22$$

$$\text{HDD} = 43$$

$$\Sigma \text{HDD} = 960$$

$$\Sigma \text{PCNL} = 1.25''$$

$$\Sigma \text{PCNs} = 4.3''$$

$$T_{\text{Davis}} = 15/7$$

$$T_{\text{inv}} = 12/5$$

$$T_{\text{wet}} = \text{N/A}$$

$$T_D = 7$$

Davis

FEB. TEMPS

$$\bar{T}_{\text{MAX}} = 38.5^{\circ}\text{F}$$

$$\bar{T}_{\text{MIN}} = 22.5$$

$$\bar{T}_{\text{avg}} = 30.5$$

$$\text{PCNLTB} = \text{N/A}$$

$$\Sigma \text{PCNLTB} = \text{N/A}$$