

TUESDAY NOVEMBER 1, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
67 °F	SSW	72 °F				
Min.	Vel.	Read.				
37* °F	2 m.p.h.	28.88 in.				
Set	Char.	Corr.				
37 °F	Calm	28.75 in.				
				0700	1300	1900
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds. SC	Clds. SL	
82 %	— mi.	30.04 in.	4/10 Ci	9/10 CS	10/10 NS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	-1.9 mb	-FG	FG	RA	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	OSP	25 mi.	25 mi.	5 mi.	

*OYANIKIT LOW = 37°

$$\bar{T} = 52$$

$$HDD = 13$$

$$CDD = 0$$

$$\Sigma HDD = 13$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.00''$$

$$TONES = 38/34$$

$$TUNV = 34/32$$

$$T_N = 35$$

$$T_D = 32$$

Wednesday, November 2, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. W	Temp 74 °F	OCLL-RA 1700 - 1749 LT OCLL RA 1751 - 1955 LT -SHRA 1956 - 2034 LT			
Min. * 37 °F	Vel. 4 m.p.h.	Read. 28.89 in.	* overnight low: 42 °F			
Set 42 °F	Char. Light Variable	Corr. 28.77 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. Cu 8/10 Sc	Clds. Ac 5/10	Clds. 0/10	
Ppn. Liq. 0.23 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx Mostly cloudy	Wx Partly cloudy	Wx CLEAR	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 26 mi.	

$$\bar{T} = 52$$

$$HDD = 13$$

$$CDD = 0$$

$$\Sigma HDD = 26$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.23''$$

$$T_{Davis} = 43/40$$

$$T_{Nuv} = 43/37$$

$$T_{wet} = 41$$

$$T_{dry} = 40$$

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

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

Thursday November 3, 2005
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F		Dir. —	Temp. 74 °F			
Min. 38 °F		Vel. 0 m.p.h.	Read. 29.02 in.			
Set 39 °F		Char. Calm	Corr. 20.89 in.	0700	1300	1900
R.H. 84 %		24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. ci 4/10 cs	Clds. cs 8/10 ci	Clds. cs 5/10 ci
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx -Fog	Wx P-Cloudy	Wx Partly Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer OOP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 46$
 $CDD = 0$
 $HDD = 19$
 $ECDD = 0$
 $\Sigma HDD = 45$
 $\Sigma PCN_L = 0.23''$

$T_{DAVIS} = 41/37$
 $T_{UNV} = 37/35$

$T_W = 37$
 $T_D = 34.5$

Friday, November 4, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp 75 °F				
Min. * 39 °F	Vel. 0 m.p.h.	Read. 28.81 in.				
Set 41 °F	Char. Calm	Corr. 28.68 in.	overnight low 41			
			0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. Ci 3/10 Cs	Clds. 4/10 Ci, Cs	Clds. Sc 9/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx Mostly Sunny	Wx Increasing clouds	Wx Mostly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 55$
 $HDD = 10$
 $CDD = 0$
 $\Sigma HDD = 55$
 $\Sigma CDD = 0$
 $\Sigma PCNL = 0.23''$

$T_{basis} = 46/39$
 $T_{wv} = 43/36$

$T_{wet} = 39$
 $T_{dew} = 36.5$

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

Saturday, November 5, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. SW	Temp 83 °F				
Min. 41* °F	Vel. 1 m.p.h.	Read. 28.87 in.				
Set 58 °F	Char. Light	Corr. 28.72 in.	* Overgt Low = 56°F			
			0700	1300	1900	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. Sc 4/10 Co	Clds.	Clds. 3/10 Cu, Ac	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Partly Sunny	Wx	Wx Considerable cloudmax	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~20 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 56$
 $HDD = 9$
 $CDD = 0$
 $\Sigma HDD = 64$
 $\Sigma CDD = 0$
 $\Sigma PCN = 0.23''$

$T_{DAVIS} = 59/50$
 $T_{WV} = 57/46$

$T_d = M$
 $T_w = M$

$PCN_{175} = 0.4A$
 $\Sigma PCN_{175} = 0.4A$

Sunday, 6 November, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. -	Temp 82 °F			
Min.	52 °F	Vel. 0 m.p.h.	Read. 28.82 in.	* Light fog in Lemont and Boalsburg ** Towering Cu to NW over Switz Range		
Set	56 °F	Char. calm	Corr. 28.68 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov. - mi.	Sea L. 30.01 in.	Clds. ** 8/10 Cu, Ac, St	Clds.	Clds. 0/10 -
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. -0.4 mb	Wx * Mostly cloudy	Wx	Wx Rapid clearing past 2 hours
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.



$\bar{T} = 62^\circ$
HDD = 3
 $\Sigma \text{HDD} = 67$

\approx

$T_{\text{DAVIS}} = 57.5^\circ / 51.5^\circ$
 $T_{\text{UNV}} = 52^\circ / 46^\circ$
 $T_{\text{KPSU}} = 54^\circ / 43^\circ$

$T_w = 53^\circ$
 $T_b = 51^\circ$

$\Sigma \text{PCN}_L = 0.23''$

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

Monday, 7 November, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	W	Temp	77.5 °F	Strong cold fra ea @ 1400LT, max wind gust to 42 mph from WSW @ 1700LT, severe thunderstorms across state. -RA/RA: 1615-1730LT.			
Min.	45 °F	Vel.	2 m.p.h.	Read.	29.03 in.				
Set	45 °F	Char.	light	Corr.	28.90 in.				
R.H.	71 %	24 hr. Mov.	- mi.	Sea L.	30.28 in.	0700	1300	1900	
Ppn. Liq.	0.02 in.	Prev. Dir.	-	3 hr. Tend.	+2.1 mb	Clds.	Clds.	Clds.	
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	AGM	$\frac{1}{10}$ St, Sc	$\frac{4}{10}$ Cu, Ci	$\frac{2}{10}$ Cs	
						Wx	Wx	Wx	
						Bright, fog-free start	Scattered cumulus	M. CLEAR	
						Vis.	Vis.	Vis.	
						25 mi.	25 mi.	25 mi.	

$$\bar{T} = 59^\circ$$

$$HDD = 6$$

$$\Sigma HDD = 73$$

$$\Sigma PCN_L = 0.25''$$

$$T_{DAVIS} = 45.5^\circ / 36.5^\circ$$

$$T_{UNV} = 46^\circ / 36^\circ$$

$$T_{KPSU} = 45^\circ / M$$

$$T_w = 41^\circ$$

$$T_o = 36^\circ$$

$$PCN_{LTS} = 0.33''$$

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

TUESDAY NOVEMBER 8, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F	Dir. SW	Temp 76 °F				
Min. 43 °F	Vel. 3 m.p.h.	Read. 28.97 in.				
Set 49 °F	Char. light variable	Corr. 28.83 in.				
			0700	1300	1900	
R.H. 57 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 5/10 AC	Clds. 9/10 AC	Clds. AC 8/10 AS	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx P. Cloudy	Wx — BKN NCBT	Wx M. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 51$$

$$HDD = 14$$

$$E HDD = 0.7$$

$$E CDD = 0$$

$$E PCN_L = 0.25''$$

$$T_{DAVIS} = 51/34$$

$$T_{LNV} = 40/32$$

$$T_W = 42'$$

$$T_D = 34'$$

Wednesday November 9, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F		Dir. S	Temp 76 °F			
Min. 48 °F		Vel. 6 m.p.h.	Read. 28.86 in.			
Set 51 °F		Char. Light? Variable	Corr. 28.73 in.	0700	1300	1900
R.H. 60 %		24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. S+ 10/10	Clds. St 8/10	Clds. St 10/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx HZ Overcast	Wx HZ M. Cloudy	Wx FG overcast
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer SBS	Vis. 15 mi.	Vis. 20 mi.	Vis. 1.6 mi.

$$\bar{T} = 56$$

$$HDD = 9$$

$$CDD = 0$$

$$\Sigma HDD = 96$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_{LTB} = 0.25''$$

$$T_{Davis} = 51/43$$

$$T_{UVV} = 48/43$$

$$T_{uvv} = 46$$

$$T_{dgv} = 41$$

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

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

Thursday Nov. 10, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 59 °F	Dir. W	Temp 75 °F		F/MST 1350 - 1450 - RA 1450 - 1650				
Min. 48 °F	Vel. 12 m.p.h.	Read. 28.08 in.		F/MST 1650 - 1850 - RA 2050 - 2150 + TSSRA ~ 2035 LT				
Set 48 °F	Char. Gusty	Corr. 20.55 in.		0700	1300	1900		
R.H. 61 %	24 hr. Mov. — mi.	Sea L. 29.83 in.		Clds. SC 10/10 AC	Clds. CU 9/10 SC	Clds. AC 4/10		
Ppn. Liq. 0.27 in.	Prev. Dir. —	3 hr. Tend. +2.0 mb		Wx OVERCAST	Wx BLW OVERST	Wx Breezy f. Cloudy		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP		Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.		

$$\bar{T} = 54$$

$$HDD = 11$$

$$CDD = 0$$

$$E HDD = 107$$

$$E CDD = 0$$

$$E PNL = 0.52''$$

$$T_{DAYS} = 43/33$$

$$T_{WV} = 45/34$$

$$T_W = 42$$

$$T_D = 35$$

Friday, November 11, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. *	Dir.	Temp	0600 - SHRA 1118 - 1158 LT			
48 °F	WSW	72 °F	-SHRA 1316 - 1323 LT			
Min.	Vel.	Read.	-GS 1438 - 1500 LT			
35 °F	2 m.p.h.	28.89 in.				
Set	Char.	Corr.	* temps fell during day			
38 °F	Light Variable	28.77 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds. St	Clds.	Clds. cs	
68 %	- mi.	30.16 in.	7/10 Ac	6/10 st, Ac	1/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx - HZ	Wx	Wx Mostly	
T in.	-	+1.5 mb	M. Cloudy	Considerable cloudiness	Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T in.	0 in.	SBS	25 mi.	25 mi.	25 mi.	

$\bar{T} = 42$
 $HDD = 23$
 $CDD = 0$
 $\Sigma HDD = 130$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 0.52''$
 $\Sigma PCN_g = \text{Trace}$

$T_{Davis} = 37/30$
 $T_{uvv} = 39/28$

$T_{tot} = 35$
 $T_{air} = 31$

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

Saturday, November 18, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F		Dir. WSW	Temp 70 °F			
Min. 31 °F		Vel. 0 m.p.h.	Read. 29.06 in.			
Set 31 °F		Char. Calm	Corr. 28.95 in.	0700	1300	1900
R.H. 83 %		24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. + 1.1 mb	Wx Clear	Wx	Wx Clear + Mild
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~20 mi.	Vis. mi.	Vis. 25 mi.

T = 40
HDD = 25
CDD = 0
 Σ HDD = 155
 Σ CDD = 0
 Σ PCN_L = 0.58"
 Σ PCN_S = True

T_{DAVIS} = 32/28
T_{LOW} = 36/25

T_B = M
T_W = M

PCN_{WB} = N/A
 Σ PCN_{WB} = N/A

Sunday, 13 November, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
59 °F	-	70 °F				
Min.	Vel.	Read.				
31 °F	0 m.p.h.	29.00 in.				
Set	Char.	Corr.	Overnight Low = 39°			
39 °F	calm	29.89 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
67 %	- mi.	30.39 in.	$\frac{1}{10}$ Cu, As, Cs		$\frac{10}{10}$ As, St, Cu	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	0.0 mb	Nearly clear = Rres		Overcast from approaching front	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	mi.	25 mi.	

$\bar{T} = 45^\circ$
HDD = 20
 $\Sigma \text{HDD} = 175$

$T_{\text{DAYS}} = 46^\circ / 28.5^\circ$
 $T_{\text{HIV}} = 43^\circ / 28^\circ$
 $T_{\text{KPSH}} = 45^\circ / \text{M}$

$T_w = 35^\circ$
 $T_b = 28.5^\circ$

$\Sigma \text{PCN}_e = 0.52^\circ$
 $\Sigma \text{PCN}_s = \text{Trace}$

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



Monday, 14 November, 2005 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. W	Temp 71.5 °F	--- RA SH: 1740-1750LT			
Min. 38 °F	Vel. 6 m.p.h.	Read. 29.16 in.				
Set 46 °F	Char. steady	Corr. 28.96 in.	* Overnight Low = 46°			
			0700	1300	1900	
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. ~ $\frac{0}{10}$ As, Ac	Clds. $\frac{3}{10}$ Ci, Ac, Cs	Clds. $\frac{6}{10}$ Ci, Cs	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+2.0 mb	Wx Golden glow thru Ac over Tussey	Wx Mostly Sunny	Wx N. CLEAR	
Ppn. Sol. 0.0 in.	Snow Depth . 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 50^\circ$$

$$HDD = 15$$

$$\Sigma HDD = 190$$

$$\Sigma PCN_L = 0.52''$$

$$\Sigma PCN_S = \text{Trace}$$

$$T_{DAVIS} = 46^\circ/34^\circ$$

$$T_{MINN} = 46^\circ/32^\circ$$

$$T_{KPSU} = 45^\circ/(-52^\circ)$$

$$T_w = 40.5^\circ$$

$$T_b = 34^\circ$$

$$PCN_{LTD} = 0.00''$$

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

TUESDAY NOVEMBER 15, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-RA 2247 - 0147 FH/MIAT 0452 - 0555 - RA 0555 - 0700			
56 °F	NE	72 °F				
Min.	Vel.	Read.				
43 °F	2 m.p.h.	29.92 in.				
Set	Char.	Corr.	0700	1300	1900	
44 °F	light	28.93 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
80 %	- mi.	30.23 in.	10/10 NS	10/10 AS/NS	9/10 AS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx -RA	Wx OVERCAST	Wx Cloudy	
0.50 in.	-	1-1.5 mb	-FG, OVERCAST	FG	FG	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	COP	20 mi.	17 mi.	5 mi.	

$$\bar{T} = 50$$

$$HDD = 15$$

$$CDD = 0$$

$$E HDD = 205$$

$$E CDD = 0$$

$$\epsilon PCNL = 1.02''$$

$$\Sigma PCNs = \text{Trace}$$

$$T_{DAVIS} = 45/43$$

$$T_{WV} = 45/45$$

$$T_W = 42$$

$$T_D = 40$$

Wednesday, November 16, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. SSW	Temp 78 °F		-RA 0700-0845 LT -RA 0930-1015 LT -DZ 0650-obs		
Min. 44 °F	* Vel. 6-35 13 m.p.h.	Read. 28.67 in.		* evening min: 55°F temps increased overnight to 66°F		
Set 65 °F	Char. Gusty	Corr. 28.54 in.		0700	1300	1900
R.H. 80 %	24 hr. Mov. - mi.	Sea L. 29.84 in.		Clds. SC 10/10 NS	Clds. ST 10/10 SC	Clds. AC 8/10 SC
Ppn. Liq. 0.03 in.	Prev. Dir. -	3 hr. Tend. V -2.0 mb		Wx -DZ, overcast	Wx Overcast	Wx-FC H. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SRJ		Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 55$$

$$HDD = 10$$

$$CDD = 0$$

$$\Sigma HDD = 215$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.05''$$

$$\Sigma PCN_S = \text{Trace}$$

$$T_{\text{Davis}} = 65/60$$

$$T_{\text{uv}} = 64/59$$

$$T_w = 62$$

$$T_d = 60$$

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

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

Thursday November 17, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. W	Temp 70 °F		-RA 0700 - 1200 -RA 1400 - 1520 RA 1520 - 1740		
Min. 28 °F	Vel. 3 m.p.h.	Read. 29.01 in.				
Set 28 °F	Char. light & variable	Corr. 28.89 in.	† DAVIS OUTDATA			
			0700	1300	1900	
R.H. 100% 100%	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 0/10 AC	Clds. 9/10 AC	Clds. Cs 4/10	
Ppn. Liq. 0.32 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx P. Cloudy	Wx BKN OVCST	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 47$$

$$HDD = 18$$

$$CDD = 0$$

$$E_{HDD} = 233$$

$$E_{CDD} = 0$$

$$E_{PCW_L} = 1.37''$$

$$\Sigma PCW_S = T$$

$$T_{DAYS} = 28/18$$

$$T_{UNV} = 27/18$$

$$T_W =$$

$$T_D =$$

Friday, November 18, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F	Dir. W	Temp 68 °F	- SHSN 0750-0815 LT 0CCL - SHSN 0830-0940 LT			
Min. 20 °F	Vel. 2 m.p.h.	Read. 29.13 in.				
Set 20 °F	Char. Light variable	Corr. 29.02 in.	* Davis reading			
			0700	1300	1900	
R.H. 68 %	* 24 hr. Mov. — mi.	Sea L. 30.49 in.	Clds. As 1/10	Clds. 0/10	Clds. Ac 3/10 Co	
Ppn. T in.	Liq. — in.	Prev. Dir. —	3 hr. Tend. — + 0 mb	Wx Mostly Sunny	Wx Blueskies	Wx Partly Cloudy
Ppn. T in.	Sol. — in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 27$$

$$HDD = 38$$

$$CDD = 0$$

$$\Sigma HDD = 271$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.37''$$

$$\Sigma PCN_S = T$$

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

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

$$T_{Dew_{Davis}} = 14$$

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

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

Saturday, November 19, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. SW	Temp 70 °F			
Min.	20* °F	Vel. 1 m.p.h.	Read. 29.10 in.			
Set	30 °F	Char. Calm	Corr. 28.99 in.	* Overqt Low = 30°F		
				0700	1300	1900
R.H.	51 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. Cs 1/10	Clds.	Clds. Ci 1/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.0 mb	Wx Clear	Wx	W- Clear
Ppn. Sol.	0.00 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 38$
 $HOD = 27$
 $COO = 0$
 $\Sigma HOD = 248$
 $\Sigma COO = 0$
 $\Sigma PCN_2 = 1.37''$
 $\Sigma PCN_3 = T$

$T_{DAVIS} = 32/16$
 $T_{UNV} = 30/16$

$T_d = 17$
 $T_w = 17$

$PCN_{470} = N/A$
 $\Sigma PCN_{470} = N/A$

Sunday, 20 November, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. —	Temp 69.5 °F			
Min.	27 °F	Vel. 0 m.p.h.	Read. 29.06 in.			
Set	27 °F	Char. calm	Corr. 28.95 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. ~ $\frac{0}{10}$ Ci to NE	Clds.	Clds. $\frac{2}{10}$ Ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. ✓ +0.1 mb	Wx Clear with light fog to east	Wx	Wx M. Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 37^\circ$
HDD = 28
 $\Sigma \text{HDD} = 326$
 $\Sigma \text{PCN}_L = 1.37''$
 $\Sigma \text{PCN}_S = \text{Trace}$

$T_{\text{DAVIS}} = 29^\circ/23^\circ$
 $T_{\text{UNY}} = 28^\circ/21^\circ$
 $T_{\text{KPSU}} =$

$T_w = M$
 $T_d = 23^\circ^*$

*Dewpoint temperature from Davis

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

Monday, 21 November, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. —	Temp 70 °F			
Min. 27* °F	Vel. 0 m.p.h.	Read. 28.81 in.			
Set 33 °F	Char. calm	Corr. 28.70 in.			
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	*overnight low = 33° 0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Clds. 9 Cs, Ci, Ac 10 As, St Wx Numerous high clouds	Clds. 8 Cs, Ci, 10 As, Ac Wx Lowering cloud deck	Clds. 10/10 AS Wx Fog OVERCAST
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.

$$\bar{T} = 42^\circ$$

$$HDD = 23$$

$$\Sigma HDD = 359$$

$$\Sigma PCN_e = 1.37''$$

$$\Sigma PCN_s = \text{Trace}$$

$$T_{\text{DAVIS}} = 33.5^\circ/27^\circ$$

$$T_{\text{UNV}} = 32^\circ/25^\circ$$

$$T_{\text{KPSU}} =$$

$$T_w = M$$

$$T_d = 27^\circ X$$

X Dewpoint temperature from Davis

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

$$\Sigma PCN_{\text{LTB}} = \frac{1}{A}$$

Tuesday November 22, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 49 °F	Dir. N	Temp 70 °F	28.23 in.	*OUNT LOW 39		
Min. 32* °F	Vel. 7 m.p.h.	Read.				
Set 40 °F	Char. BCEM	Corr. 28.11 in.				
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	0700	1300	1900	
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. 1-1.0 mb	Clds. AS, CB 10/10 ST, OF	Clds. 10/10 SC	Clds. AS 6/10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JP	Wx Fg OVERCAST	Wx Fg OVERCAST	Wx P.C. cloudy	
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 41$$

$$HDD = 24$$

$$CDD = 0$$

$$\Sigma HDD = 303$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_1 = 1.37''$$

$$\Sigma PCN_2 = \text{TRACE}$$

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

$$T_{UNR} = 39/32$$

$$T_W = 35$$

$$T_D = 20$$

Wednesday November 23, 2005
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F		Dir. WSW	Temp 70 °F	-SN 0620-0700		
Min. 25 °F		Vel. 7 m.p.h.	Read. 29.50 in.	-SN 0040-0100		
Set 25 °F		Char. busty	Corr. 29.38 in.	-SN/RA 0600-1200 -SN/RA/SA 0600-1200-1500		
R.H. 71 %		24 hr. Mov. - mi.	Sea L. 29.67 in.	Clds. 10/10 Ns	Clds.	Clds. Ns 10/10
Ppn. Liq. T in.		Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx OVERST -SN (FLURRIES)	Wx	Wx Flurries
Ppn. Sol. T in.		Snow Depth T in.	Observer CAP	Vis. ~4 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 34$
#OD = 31
 $\Sigma HOD = 414$
 $\Sigma PCN_L = 1.3711$
 $\Sigma PCN_S = TRACE$

$T_{DAVIS} = 25/18$
 $T_{UNY} = 25/18$

$T_W = *$
 $T_D = 18^4$

* DMP print data from Davis

Thursday, November 24, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 94 °F	Dir. SW	Temp 75 °F	-SN 1955-9034 -SN 2102-OBS (OCC)		
Min. 25* °F	Vel. 6 m.p.h.	Read. 28.04 in.			
Set 33 °F	Char. Gusty	Corr. 27.92 in.	*Ovrat Low = 28°F		
			0700	1300	1900
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.27 in.	Clds. N ₃ 10/10 Sc	Clds.	Clds. N ₃ 10/10 St
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. -10.0 mb	Wx Flurries	Wx	Wx Clady
Ppn. Sol. 1.5 in.	Snow Depth 2 in.	Observer MLS	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

$$\bar{F} = 30$$

$$HDD = 35$$

$$CDD = 0$$

$$\Sigma HDD = 449$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 192''$$

$$\Sigma PCN_S = ~~40~~ 1.5''$$

$$T_{DAVIS} = 33/32$$

$$T_{INV} = 32/32$$

$$T_w = M$$

$$T_d = M$$

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

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

Friday, November 25, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. SW	Temp 76 °F		-SN 0738-0919		
Min. 13 °F	Vel. 7 m.p.h.	Read. 28.86 in.		-SN 1009-1118		
Set 14 °F	Char. Gusty	Corr. 28.73 in.		-SN 1229-1633		
			0700	1300	1900	
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30-20 in.	Clds. Sc 3/10	Clds. Ci 2/10	Clds. Ac 7/10	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. /+3.2 mb	Wx Flurries	Wx M. Sunny	Wx M. Cloudy	
Ppn. Sol. 0.1 in.	Snow Depth 1 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 25$$

$$HDD = 40$$

$$CDD = 0$$

$$\Sigma HDD = 489$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_6 = 1.53''$$

$$\Sigma PCN_5 = 1.6''$$

$$T_{DAVES} = 14/6$$

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

$$T_d = M$$

$$T_w = M$$

PCN₄₀ - N/A

ΣPCN_{70} - N/A

Saturday, November 26, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. NNW	Temp 69 °F	OCLL - SHSN 0700 - 0921 LT		
Min.	14 °F	Vel. 2 m.p.h.	Read. 29.03 in.	● Calculated with Davis Td * overnight low 18°F		
Set	22 °F	Char. Light Variable	Corr. 28.92 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. Sc 10/10	Clds.	Clds. Sc 8/10
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. ✓ + 0.3 mb	Wx Overcast	Wx	Wx M. Cloudy
Ppn. Sol.	T in.	Snow Depth 1 in.	Observer SBS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 21$$

$$HDD = 44$$

$$CDD = 0$$

$$\Sigma HDD = 533$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.53''$$

$$\Sigma PCN_S = 1.6''$$

$$T_{basis} = 25/15$$

$$T_{unv} = 21/14$$

$$T_{allow} = 15$$

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

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

Sunday, November 27, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. SE	Temp 69 °F		0000 - 02 1725 - 1805 LT - 02 0600 - 0615 LT		
Min. * 22 °F	Vel. 1 m.p.h.	Read. 29.09 in.		* taken with Davis T4 * Overnight low 33, temperature steady/ rising overnight		
Set 34 °F	Char. Light? Variable	Corr. 28.93 in.		0700	1300	1900
R.H. * 63 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. st 10/10	Clds.	Clds. 10/10 No, st	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↓ +2.1 mb	Wx Overcast	Wx	Wx - RA	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer SBS	Vis. 25 mi.	Vis. mi.	Vis. 6 mi.	

$$\bar{T} = 29$$

$$HDD = 36$$

$$CDD = 0$$

$$\Sigma HDD = 569$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.53''$$

$$\Sigma PCN_S = 1.6''$$

$$T_{Davis} = 35/26$$

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

$$PCN_{L10} = N/A$$

$$\Sigma PCN_{L10} = N/A$$

Monday, 28 November, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 46 °F	Dir. NNW	Temp 70 °F	-RA/RA: 1900-2115 LT, + 2300-0030LT OCNL -DZ/DZ: 0030-0130LT, + 0640-0830 Fog: 0200LT-0830 *Overnight low: 41°		
Min. 34* °F	Vel. 1 m.p.h.	Read. 29.00 in.			
Set 43 °F	Char. light	Corr. 20.89 in.			
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
98 %	— mi.	30.27 in.	$\frac{10}{10}$ Ns, St	$\frac{10}{10}$ St, Ns	$\frac{9}{10}$ Sc
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.27 in.	—	-0.5 mb	-Drizzle and fog	Overcast	Wx Blk Flt 1000ft
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0.0 in.	0 in.	AGM	2.5 mi.	5 mi.	2 mi.

$$\bar{T} = 40^\circ$$

$$HDD = 25$$

$$\Sigma HDD = 594$$

$$\Sigma PCN_i = 1.80^\circ$$

$$\Sigma PCN_s = 1.6''$$

$$T_{DAVIS} = 44^\circ/42^\circ$$

$$T_{UNV} = 41^\circ/40^\circ$$

$$T_{KPSH} = \text{Site down } 45^\circ/45^\circ$$

$$T_w = 42.5^\circ$$

$$T_D = 42^\circ$$

$$PCN_{WB} = 0.77^\circ$$

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

TUESDAY NOVEMBER 29, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. SSE	Temp 76 °F	Fog/MIST OCCL DZ 0700-1200 -RA SH OCCL 2120-0805			
Min. 43* °F	Vel. 15 m.p.h.	Read. 28.76 in.				
Set 59 °F	Char. Gusting	Corr. 20.62 in.	*Evening Low 53°			
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 27.91 in.	0700 Clds. 10/10 NS SC	1300 Clds. 10/10 NS	1900 Clds. 10/10 NS CB	
Ppn. Liq. 0.19 in.	Prev. Dir.	3 hr. Tend. 1-10 mb	Wx -RA SPRAVUS -FG	Wx FG OVCST -DB	Wx TSRA OCCL LG	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. .25 mi.	Vis. 6 mi.	Vis. 5 mi.	

$$\bar{T} = 53$$

$$HDD = 12$$

$$CDD = 0$$

$$\epsilon HDD = 606$$

$$\epsilon CDD = 0$$

$$\epsilon PCNL = 1.99''$$

$$\epsilon PCNS = 1.6''$$

$$T_{MIN} = 60/57$$

$$T_{UNV} = 59/55$$

$$T_W = 56$$

$$T_D = 54$$

Wednesday, November 30, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. WSW	Temp 71 °F	-RA 0915-1345 LT +RA 1346-1550 LT RA 1651-1815 LT TSRA 1816-1900 LT -RA 1900-2000 LT Record daily rainfall of 2.05" (old record - 1.30" in 1963)			
Min. 40 °F	Vel. 12 m.p.h.	Read. 28.79 in.				
Set 40 °F	Char. Breezy	Corr. 28.67 in.				
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.05 in.				0700
Ppn. Liq. 2.09 R in.	Prev. Dir. —	3 hr. Tend. +1.8 mb	Clds. St 8/10	Clds. AS 10/10	Clds. S 10/10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Wx M. Cloudy	Wx Overcast	Wx FL7 OVERST	
			Vis. 25 mi.	Vis. 25 mi.	Vis. 4 mi.	

$$\bar{T} = 51$$

$$HDD = 14$$

$$CDD = 0$$

$$\Sigma HDD = 620$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 4.08''$$

$$\Sigma PCN_S = 1.6''$$

$$T_{Dewis} = 41/35$$

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

$$T_{wet} = 37$$

$$T_{dry} = 32$$

NOVEMBER
TEMPS

$$\bar{T}_{MAX} = 54.0^{\circ}F$$

$$\bar{T}_{MIN} = 34.0$$

$$\bar{T}_{MOJ} = 44.0$$

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

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