

Friday Sept 1, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. N	Temp 71 °F				
Min. 57 °F	Vel. 2 m.p.h.	Read. 29.10 in.				
Set 57 °F	Char. VARIABLE	Corr. 28.98 in.		0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 10/10 AS AC	Clds. 10/10 AS AC	Clds. 10/10 NS	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.00mb	Wx OVERCAST	Wx OVERCAST	Wx OVERCAST	
Ppn. Sol. 0-0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 64$$

$$HOD = 1$$

$$CDD = 0$$

$$\Sigma HOD = 1$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.00''$$

$$T_{UNY} = 55/54$$

$$T_{DAVIS} = 58/54$$

$$\bar{T}_W = 55$$

$$\bar{T}_D = 53.5$$

$$G2: 0.00''$$

$$\Sigma G2: 0.00''$$

Saturday Sept. 2, 2006
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. NONE	Temp 68 °F		- SHRA 1520 - 2120 LT		
Min. 52 °F	Vel. 7 m.p.h.	Read. 28.94 in.		SHRA 2120 - 0000 LT		
Set 52 °F	Char. Bumpy	Corr. 20.98 in.		- SHDZ 0000 - 0140 LT		
				SHRA 0140 - 0220 LT		
				+ SHRA 0220 - 0720 LT		
				* SHRA 0720 - 0800 LT		
				* REC MEOP (02) - 1.49, 1.474		
				0700	1300	1900
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.11 in.		Clds. 10/10 NS	Clds.	Clds. 10/10 NS
Ppn. Lig. 1.85 in.	Prev. Dir. —	3 hr. Tend. ~ 50.0 mb		Wx + FG OVCS SHRA	Wx	Wx - SHRA + FG ONUS
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer GAP		Vis. 1.0 mi.	Vis.	Vis. 0.25 mi.

$$\bar{T} = 58$$

$$HDD = 7$$

$$CDD = 0$$

$$\Sigma HDD = 8$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 1.85''$$

$$T_{DAVIS} = 53/53$$

$$T_{UNV} = 53/53$$

$$T_W = 51$$

$$T_D = 51$$

$$\text{CDD: } 1.85''$$

$$\Sigma \text{CDD: } 1.85''$$

Sunday Sept 3, 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WSW	Temp 68 °F		SHRA 0800 - 0945 LT +SHRA 0945 - 1120 LT SHRA OCCL 1120 - 1500 LT OCCL SHDZ 1500 - 1700 LT SHDZ 1720 - 2140 LT OCCL SHDZ 2140 - 0040 LT		
Min. 51 °F	Vel. 4 m.p.h.	Read. 29.00 in.		*overnight low = 55°		
Set 55 °F	Char. Breezy	Corr. 28.96 in.		0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.17 in.		Clds. 10/10 AC	Clds.	Clds. 10 Sc, St
Ppn. Liq. 1.36 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb		Wx overcast -FG	Wx	Wx Overcast, hazy of twilight to WNW
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP		Vis. 25 mi.	Vis. mi.	Vis. ~25 mi.

$T = 55$
 $HDD = 10$
 $CPD = 0$
 $\Sigma HDD = 18$
 $\Sigma CPD = 0$
 $\Sigma PCNL = 3.21''$

$T_{DNVES} = 56/54$
 $T_{MNV} = 55/55$

$TW = 53$
 $T_D = 52$

$G2 = 1.27''$
 $\Sigma G2 = 3.12''$

Monday, 4 September, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. * 63 °F	Dir. WSW	Temp 72 °F	- AM 1801 - 1818 * TIES REC. MIN MAX (1974)			
Min. 53 °F	Vel. 1 m.p.h.	Read. 28.98 in.				
Set 55 °F	Char. Light	Corr. 28.86 in.	0700	1300	1900	
R.H. 99 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. Cu Ac 8/10 As Cs	Clds. 7.5 Cu, As, 10 Ci	Clds. 9 As, Ci, 10 Sc	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. — to amb	Wx Mostly Cloudy	Wx Broken clouds, quite bright	Wx clouds thickening	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~20 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 58$
HDD = 7
CDD = 0
 $\Sigma \text{HDD} = 25$
 $\Sigma \text{CDD} = 0$

$T_{\text{DAVIS}} = 55/55$
 $T_{\text{UNV}} = 55/55$

$T_w = 11$
 $T_b = 17$

$\Sigma \text{PCN}_L = 3.22''$

$\text{PCN}_{G2} = 0.01''$
 $\Sigma \text{PCN}_{G2} = 3.13''$

Tuesday, 5 September, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp 70 °F	** Ground fog expanding out from mountain bases obscuring Lemont to Pine Grove Mills, 2.5 mi. visibility to this fog. But top half of Nittany range, ridgeline of Tussey SW ~10 miles visible		
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.95 in.	0600-0800 LT: -RA * Overnight low = 59°		
Set 59 °F	Char. calm	Corr. 28.83 in.	0700	1300	1900
R.H. 99 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. $\frac{10}{10}$ Ns	Clds. $\frac{10}{10}$ St, Ns	Clds. Ac $\frac{8}{10}$ AS
Ppn. Liq. 0.08 in.	Prev. Dir. —	3 hr. Tend. ^ +0.1mb	Wx Overcast, - RA	Wx cloudy	Wx Mostly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. ~ 6** mi.	Vis. ~ 20 mi.	Vis. 25 mi.

$\bar{T} = 63^\circ$
HDD = 2
 $\Sigma \text{HDD} = 27$
 $\Sigma \text{CDD} = 0$

$T_{\text{DAVIS}} = 59.5^\circ / 59.5^\circ$
 $T_{\text{UNV}} = 59^\circ / 59^\circ$

$T_w = 59^\circ$
 $T_b = 59^\circ$

$\Sigma \text{PCN}_L = 3.30''$

$\text{PCN}_{GZ} = 0.08''$
 $\Sigma \text{PCN}_{GZ} = 3.21''$

Wednesday, Sept. 6, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. NW	Temp 70 °F	-RA OBS - 1133LT -RA 0702-OBSLT			
Min. 55 °F	Vel. 1 m.p.h.	Read. 28.85 in.				
Set 56 °F	Char. Calm	Corr. 28.74 in.				
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	0700	1300	1900	
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. ✓+0.8 mb	Clds. Az 10/10 St	Clds. 10 St, Cu, 10 Sc	Clds. 0 10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Wx -RA w/bq	Wx Overcast	Wx Clear	
			Vis. 1 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$F=60$$

$$HDD: 5$$

$$CDD = 0$$

$$\Sigma HDD = 32$$

$$\Sigma CDD = 0$$

$$\Sigma ACW_e = 3.43''$$

$$T_{DAVES} = SS/SS$$

$$T_{JUV} = SS/SS$$

$$T_b = M$$

$$T_w = M$$

$$Gauge_s = 0.11''$$

$$\Sigma Gauge_s = 3.32$$

Thursday, 7 September, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 74.5 °F	-RA SH/--RA SH: OBS-0910LT TRA SH: 1600-1700LT		
Min. 52 °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set 53 °F	Char. calm	Corr. 28.85 in.			
			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 10 ST	Clds.	Clds. C ₅ 10 C ₁
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. /+1.2 mb	Wx Dense Fog	Wx	Wx mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 0.2 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 61^\circ$$

$$HDD = 4$$

$$\Sigma HDD = 36$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 3.55''$$

$$T_{DAVIS} = 52.5^\circ / 52.5^\circ$$

$$T_{UNY} = 54^\circ / 54^\circ$$

$$T_w = 52.5^\circ$$

$$T_o = 52.5^\circ$$

$$PCN_{GR} = 0.11''$$

$$\Sigma PCN_{G2} = 3.43''$$

Friday, Sept. 8, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F		Dir. NNW	Temp 70 °F			
Min. 53 °F		Vel. 1 m.p.h.	Read. 28.96 in.			
Set 55 °F		Char. Calm	Corr. 28.85 in.			
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.20 in.	0700 Clds. St 10/10	1300 Clds. Cu 6/10	1900 Clds. Sc 7/10 Cs
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. -1.07 mb	Wx Fog	Wx Partly Sunny	Wx Partly Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 0.2 mi.	Vis. ~20 mi.	Vis. 25 mi.

$\bar{T} = 63''$

HDD = 2

CDD = 0

Σ HDD = 38

Σ CDD = 0

Σ PCWL = 3.55''

T. DAVIS = 55/55

T. GUY = 54/54

$T_d = 11$

$T_w = 117$

Gauge 2 = 0.00'

Σ Gauge 2 = 3.43'

Saturday September 9, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F		Dir. ←	Temp 70 °F			
Min. 54 °F		Vel. 0 m.p.h.	Read. 29.02 in.			
Set 56 °F		Char. Calm	Corr. 28.90 in.			
R.H. 100 %		24 hr. Mov. → mi.	Sea L. 30.20 in.	0700 Clds. Ac 2 St 10	1300 Clds.	1900 Clds. 5 Cu, As, 10 Ac
Ppn. Liq. 0.00 in.		Prev. Dir. ←	3 hr. Tend. -0.1 mb	Wx mostly Sunny, Fog	Wx	Wx Overcast
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AK	Vis. ~3.5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 66$
 $HDD = 0$
 $CDD = 1$
 $\Sigma HDD = 38$
 $\Sigma CDD = 1$
 $\Sigma PCN_L = 3.55''$

$T_{Darts} = 59/59$
 $T_{WV} = 55/55$

$T_W = 55$
 $T_B = 50$

$G_{anged} = 0.00$
 $\Sigma G_{auge 2} = 3.43''$

Sunday, 10 September, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	- TSRA 1640-1700LT			
77 °F	—	69.5 °F				
Min.	Vel.	Read.				
54 °F	0 m.p.h.	29.02 in.	At obs, fog thickest to NE (vis = 0.3 mi), thickest to W (vis = 0.6 mi)			
Set	Char.	Corr.				
55 °F	calm	28.91 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
100 %	— mi.	30.26 in.	$\frac{10}{10}$ St		$\frac{10}{10}$ St, Ac,	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.04 in.	—	+1.0 mb	Foggy		clearing skies	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	0.5 mi.	mi.	25 mi.	

$$\bar{T} = 66^\circ$$

$$CDD = 1$$

$$\Sigma HDD = 38$$

$$\Sigma CDD = 2$$

$$\Sigma PCN_L = 3.59''$$

$$T_{DAVIS} = 55.5^\circ / 55.5^\circ$$

$$T_{UNV} = 55^\circ / 55^\circ$$

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

$$T_u = 55.5^\circ$$

$$T_b = 55.5^\circ$$

$$PCN_{G2} = 0.03''$$

$$\Sigma PCN_{G2} = 3.46''$$

Monday, 11 September, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. ENE	Temp 70 °F			
Min.	54 °F	Vel. 3 m.p.h.	Read. 29.13 in.			
Set	54 °F	Char. light	Corr. 29.02 in.			
R.H.	86 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	0700 Clds. 10/10 As	1300 Clds. 10/10 St	1900 Clds. 10/10 St
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.8mb	Wx Overcast	Wx Cloudbase slowly lowering	Wx Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 20 mi.	Vis. 15 mi.

$$\bar{T} = 62^\circ$$

$$HDD = 3$$

$$\Sigma HDD = 41$$

$$\Sigma CDD = 2$$

$$\Sigma PCN_L = 3.59''$$

$$T_{DAVIS} = 55.5^\circ / 51.5^\circ$$

$$T_{JUNY} = 54^\circ / 50^\circ$$

$$T_{KPSH} =$$

$$T_w = 52.5^\circ$$

$$T_b = 51.0''$$

$$PCN_{GZ} = 0.00''$$

$$\Sigma PCN_{GZ} = 3.46''$$

Tuesday, 12 September, 2006 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. S	Temp 70 °F	* Overnight Low = 57° * Vis also = 25 to E; Tussey obscured to base SE to SSW, Bald Eagle obscured to base.		
Min.	54° °F	Vel. 3 m.p.h.	Read. 29.08 in.			
Set	57 °F	Char. light	Corr. 28.97 in.			
R.H.	94 %	24 hr. Mov. - mi.	Sea L. 30.32 in.	Clds. 10/10 St, Ns	Clds. 10/10 St	Clds. Ns 10/10 St
Ppn. Liq.	0.00" in.	Prev. Dir. -	3 hr. Tend. +0.8 mb	Wx Low Overcast	Wx	Wx -RA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. = 10* mi.	Vis. mi.	Vis. 17 mi.



$$T = 57^\circ$$

$$HDD = 8$$

$$\Sigma HDD = 49$$

$$\Sigma ODD = 2$$

$$\Sigma PCN_c = 3.57''$$

$$T_{DAVIS} = 56/54.5^\circ$$

$$T_{UNY} = 57/54^\circ$$

$$T_{KPSU} = 55/52^\circ$$

$$T_w = 55.5^\circ$$

$$T_b = 54.5^\circ$$

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

$$\Sigma PCN_{G2} = 3.46''$$

Wednesday, September 13, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	60 °F	Dir.	SSE	Temp	70 °F	-RA 1900 - 2144 LT -SHRA 0142-0154 LT -RA 0224 - 0300	
Min.	56 °F	Vel.	3 m.p.h.	Read.	28.84 in.		
Set	56 °F	Char.	Variable	Corr.	28.73 in.	0700	1300
R.H.	100 %	24 hr. Mov.	— mi.	Sea L.	30.07 in.	Clds. Ns 10/10 St	Clds. 10 St, Ns
Ppn. Liq.	0.06 in.	Prev. Dir.	—	3 hr. Tend.	L-0.4mb	Wx -RA	Wx Overcast
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	MLS	Vis. ~4 mi.	Vis. mi. 10, but mt. ranges obscured by clouds

$\bar{T} = 58$
 $HDD = 7$
 $CDD = 0$
 $\Sigma HDD = 56$
 $\Sigma CDD = 2$
 $\Sigma ACU_L = 3.65''$

$T_{max} = 56/55$
 $T_{min} = 55/55$

$T_d = m$
 $T_w = m$

~~$\Sigma Gauge_s = 0.00''$~~
 $\Sigma Gauge_s = 3.52''$

Thursday, 14 September, 2006 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp			065-0920LT: -RA SH 2130-0200LT: DCNL -RA SH		
61 °F	SSE	70 °F					
Min.	Vel.	Read.			Patchy fog 0200-0500LT		
56 °F	1 m.p.h.	28.77 in.					
Set	Char.	Corr.			* Overnight low = 59°		
59 °F	~calm	28.65 in.		0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.		Clds.	Clds.	Clds.	Sc
100 %	- mi.	29.97 in.		10 St, Ns			16
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx rising ceiling to west	Wx	Wx	mostly cloudy
0.06 in.	-	+0.8 mb					
Ppn. Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.	25 mi.
0.0 in.	0 in.	AGM		12 mi.			

$\bar{T} = 59^\circ$
HDD = 6
 $\Sigma \text{HDD} = 62$
 $\Sigma \text{CDD} = 2$

$T_{\text{DAVIS}} = 59^\circ/59^\circ$
 $T_{\text{UNV}} = 59^\circ/59^\circ$
 $T_{\text{KPSU}} = 59^\circ/59^\circ$

$T_w = 59^\circ$
 $T_b = 59^\circ$

$\Sigma \text{PCN}_L = 3.71''$

$\text{PCN}_{62} = 0.06''$
 $\Sigma \text{PCN}_{62} = 3.58''$

Friday, September 15, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. NNE	Temp 70 °F	-5 HRA 08.24 - 0843 LT		
Min.	59* °F	Vel. 2 m.p.h.	Read. 28.87 in.			
Set	60 °F	Char. Variable	Corr. 28.76 in.	*Overnight Low = 59°F		
R.H.	95 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. Sc 10/10	Clds. 1300	Clds. 1900 8/10 AS AC
Ppn. Liq.	0.02 in.	Prev. Dir. —	3 hr. Tend. +1.3 mb	Wx Cloudy w/ fog	Wx	Wx M/Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~4 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 65$
 $HDD = 0$
 $CDD = 0$
 $\Sigma HDD = 0.2$
 $\Sigma CDD = 2$
 $\Sigma PLWL = 3.73"$

$T_{DAVIS} = 61/60$
 $T_{WV} = 61/61$

$T_d = 77$
 $T_w = 77$

$Gauge_2 = 0.06"$
 $\Sigma Gauge_2 = 3.64"$

Saturday, September 16, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. NNE	Temp 76 °F	-SHRA 1654 - 1705 LT -SHRA 2357 - 0008 LT		
Min.	60 °F	Vel. 1 m.p.h.	Read. 29.02 in.			
Set	62 °F	Char. Light	Corr. 28.89 in.	0700	1300	1900
R.H.	97 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. As 10/10 St	Clds.	Clds. AC 6/10
Ppn. Liq.	0.02 in.	Prev. Dir. —	3 hr. Tend. /+1.8 mb	Wx tag on Cloudy, ridges	Wx	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. -6 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 68$
HDD = 0
CDD = 1
 $\Sigma \text{HDD} = 62$
 $\Sigma \text{CDD} = 3$
 $\Sigma \text{PCN} = 3.75''$

$\bar{T}_{\text{DAVIS}} = 62/62$
 $\bar{T}_{\text{WV}} = 61/61$

$T_s = M$
 $T_w = M$

$\text{Gauge}_s = 0.02''$
 $\Sigma \text{Gauge}_s = 3.66''$

Sunday September 17, 2006
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 71 °F	-02 ~1400-1500 LT			
Min. 56 °F	Vel. 0 m.p.h.	Read. 28.98 in.				
Set 56 °F	Char. Clear	Corr. 28.50 in.	0700	1300	1900	
R.H. 95%	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. 0 view 0 observed	Clds.	Clds. 4/10 Cu, Ac	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx +FG	Wx	Wx A pleasant evening	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 0.1 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 63$$

$$HDD = 2$$

$$CDD = 0$$

$$\Sigma HDD = 64$$

$$\Sigma CDD = 3$$

$$\Sigma PCN_2 = 3.75''$$

$$T_{DMS} = 50/56$$

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

$$T_W = 55$$

$$T_D = 54.8$$

$$G_2: T$$

$$\Sigma G_2: 3.66''$$

Monday, 18 September, 2006 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. SSW	Temp 71.5 °F			
Min.	56* °F	Vel. 1 m.p.h.	Read. 28.77 in.			
Set	57 °F	Char. light	Corr. 28.65 in.	* overnight low = 57°		
				0700	1300	1900
R.H.	98 %	24 hr. Mov. - mi.	Sea L. 27.98 in.	Clds. 5/10 Ac, Ci	Clds. 3/10 ci, Cu	Clds.
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +0.5 mb	Wx A refreshing morning	Wx A tranquil afternoon	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. -2 from NNE to SSW due to grad. mi. fog; otherwise -10	Vis. 25 mi.	Vis. 25 mi.

$T = 66^\circ$
CDD = 1
 $\Sigma \text{HDD} = 64$
 $\Sigma \text{CDD} = 4$

$T_{\text{DAVIS}} = 56.5^\circ / 56.5^\circ$
 $T_{\text{UNV}} = 57^\circ / 57^\circ$
 $T_{\text{KPSU}} = 55^\circ / 55^\circ$

$T_{\text{WB}} = 56.5^\circ$
 $T_{\text{DP}} = 56.5^\circ$

$\Sigma \text{PCN}_L = 3.75''$

$\text{PCN}_{G2} = 0.00''$

$\Sigma \text{PCN}_{G2} = 3.66''$

Tuesday, 19 September, 2006 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. WSW	Temp 72 °F	0520-0655LT: OCNL -RA/-DZ			
Min. 57 °F	Vel. 3 m.p.h.	Read. 28.57 in.				
Set 65 °F	Char. light	Corr. 28.45 in.	* Overnight low = 65°			
			0700	1300	1900	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 29.75 in.	Clds. 10/10 St, As, Nc	Clds. C 7/10 Al SE	Clds. Ci Ac 3/10 AS Ca	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +0.7mb	Wx Overcast --RA SH]	Wx mostly SUNNY	Wx Mostly Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. ~8 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 69^\circ$$

$$cDD = 4$$

$$\Sigma HDD = 64$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_c = 3.77''$$

$$T_{DAVIS} = 64.5^\circ / 63.5^\circ$$

$$T_{UNV} = 64^\circ / 64^\circ$$

$$T_{KPSU} = 64^\circ / 63^\circ$$

$$T_{WB} = 64^\circ$$

$$T_{DB} = 63.5^\circ$$

$$PCN_{G2} = 0.01''$$

$$\Sigma PCN_{G2} = 3.67''$$

Wednesday, September 25, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. WSW	Temp 71 °F	-SHRA CBS-0815 LT			
Min. 53 °F	Vel. 9 m.p.h.	Read. 28.66 in.				
Set 55 °F	Char. Breezy	Corr. 28.54 in.				
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.88 in.	0700	1300	1900	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Clds. 7/10 Ac As Cu Sc	Clds. 8/10 Ac As Cu	Clds. 1/10 As, St	Wx Mostly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Wx Atummal

$T = 63$
 $HDD = 2$
 $CDD = 0$
 $\Sigma HDD = 66$
 $\Sigma CDD = 8$
 $\Sigma PCNL = 3.78''$

$T_{DAVS} = 53/46$
 $T_{LUV} = 54/46$

$T_A = M$
 $T_W = M$

$Gauge_2 = 0.01''$
 $\Sigma Gauge_2 = 3.68''$

Thursday, 21 September, 2006 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. WSW	Temp 70 °F	A couple lake-effect sprinkles around 1400LT, 1615LT, and 1730LT			
Min. 42 °F	Vel. 4 m.p.h.	Read. 28.91 in.	Light ground fog in Boalsburg at 083			
Set 43 °F	Char. steady	Corr. 28.80 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. ~0 Cr on SW 10 horizon	Clds.	Clds. Cr 5 Cs	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — +0.5mb	Wx A quite cool, crisp start	Wx	Wx Partly cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 51$$

$$HDD = 14$$

$$\Sigma HDD = 80$$

$$\Sigma CDD = 8$$

$$T_{DAVIS} = 43.5^{\circ}/42^{\circ}$$

$$T_{UNV} = 43^{\circ}/43^{\circ}$$

$$T_{KPSU} = 39^{\circ}/39^{\circ}$$

$$\uparrow \text{overnight low} = 36^{\circ}$$

$$T_{WB} = 43^{\circ}$$

$$T_{DP} = 42^{\circ}$$

$$\Sigma PCN_L = 3.78''$$

$$PCN_{GZ} = T$$

$$\Sigma PCN_{GZ} = 3.68''$$

Friday, September 22, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F		Dir. SSE	Temp 70 °F	Light fog at base of Mt Nittany		
Min. 43 °F		Vel. 1 m.p.h.	Read. 28.96 in.			
Set 45 °F		Char. Light	Corr. 28.85 in.	0700	1300	1900
R.H. 96 %		24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. CsAs 7/10 Ac Cc	Clds.	Clds. Sc 8/10 St
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. — ±0.0 mb	Wx Mostly Cloudy	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~10 mi.	Vis. mi.	Vis. 25 mi.

$\bar{X} = 53$
HDD = 12
CDD = 0
 $\Sigma HDD = 92$
 $\Sigma CDD = 8$
 $\Sigma FCM_L = 3.78''$

$T_{DAVIS} = 47/46$
 $T_{LOW} = 43/43$

$T_S = M$
 $T_W = M$

Gauge₂ = 0.00"
 $\Sigma Gauge_2 = 3.68''$

Saturday September 23, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F		Dir. SW	Temp 70 °F	-RA 0110 - 0118 -RA 0428 - 0433		
Min. 45 °F		Vel. 6 m.p.h.	Read. 28.82 in.			
Set 62 °F		Char. Light	Corr. 28.70 in.	0700	1300	1900
R.H. 98 %		24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. $\frac{10}{10}$	Clds.	Clds. $\frac{10}{10}$
Ppn. — in.	Liq. — in.	Prev. Dir. —	3 hr. Tend. -0.3 mb	Wx cloudy	Wx	Wx i. Cloudy
Ppn. 0.0 in.	Sol. — in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. — mi.	Vis. 25 mi.

$$\begin{aligned}\bar{T} &= 56 \\ HOD &= 9 \\ COG &= 0 \\ \Sigma HOD &= 100 \\ \Sigma COG &= 8 \\ \Sigma DCU &= 3.78''\end{aligned}$$

$$\begin{aligned}\bar{T}_{Darts} &= 60/60 \\ T_{UV} &= 59/59\end{aligned}$$

$$\begin{aligned}T_w &= 60 \\ \bar{D} &= 58\end{aligned}$$

$$\begin{aligned}\text{Gauge } a &= T \\ \Sigma \text{Gauged} &= 368''\end{aligned}$$



Sunday September 2nd 12.03
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SW	Temp 70 °F				
Min. * 62 °F	Vel. 4 m.p.h.	Read. 28.60 in.				
Set 70 °F	Char. breezy	Corr. 28.48 in.	*over night low = 65°F			
						0700
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 29.77 in.	Clds. 10% Ac, Sc, Cu	Clds.	Clds. 8 As, Ac, 10 Ci	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. mb	Wx OVERCAST	Wx	Wx Considerable mid-level cloudiness	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 69^{\circ}$$

$$CDD = 4$$

$$\Sigma CDD = 12$$

$$\Sigma HDD = 101$$

$$\Sigma PCNL = 3.78''$$

$$T_{DAVIS} = 70/64.5$$

$$T_w = 67$$

$$T_b = 65.5^{\circ}$$

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

$$\Sigma PCN_{G2} = 3.68''$$

Monday, 25 September, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. W	Temp 69.5 °F	835-910LT: -RASH 1135-1200LT: ocnl - RASH, w/cold fro pa 0300-0430 - SHRA			
Min. 53 °F	Vel. 6 m.p.h.	Read. 28.73 in.				
Set 53 °F	Char. variable	Corr. 28.62 in.	0700	1300	1900	
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. $\frac{7}{10}$ Cu, Sc, Ac	Clds. $\frac{2}{10}$ Cu, Ac	Clds. $\frac{2}{10}$ As, Ac	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. /+2.2mb	Wx Good Cu/Sc population with low base	Wx M. Sunny	Wx A Pleasant twilight	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 63^\circ$$

$$\text{HDD} = 2$$

$$\Sigma \text{HDD} = 103$$

$$\Sigma \text{CDD} = 12$$

$$\Sigma \text{PCN}_L = 3.82''$$

$$T_{\text{DAVIS}} = 54.0^\circ / 49.5^\circ$$

$$T_{\text{UNY}} = 54^\circ / 46^\circ$$

$$T_{\text{KPSU}} = 54^\circ / 46^\circ$$

$$T_{\text{WB}} = 51.5^\circ$$

$$T_{\text{DP}} = 50^\circ$$

$$\text{PCN}_{GZ} = 0.05'$$

$$\Sigma \text{PCN}_{GZ} = 3.73'$$

Tuesday, 26 September, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. SW	Temp 70 °F			
Min.	49 °F	Vel. 4 m.p.h.	Read. 28.84 in.			
Set	50 °F	Char. light	Corr. 28.73 in.			
R.H.	89 %	24 hr. Mov. - mi.	Sea L. 30.08 in.	0700 Clds. 0/10 -	1300 Clds. Ac 2/10 BKN	1900 Clds. Ca 2/10 Ac
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. /+1.9 mb	Wx clear + crisp	Wx mostly sunny	Wx Mainly clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 58^{\circ}$$

$$\text{HDD} = 7$$

$$\Sigma \text{HDD} = 110$$

$$\Sigma \text{CDD} = 12$$

$$\Sigma \text{PCN}_L = 3.83''$$

$$T_{\text{DAVIS}} = 50.5^{\circ} / 47.5^{\circ}$$

$$T_{\text{LANT}} = 50^{\circ} / 45^{\circ}$$

$$T_{\text{KPSH}} = 45^{\circ} / 44^{\circ}$$

$$T_{\text{WB}} = 49^{\circ}$$

$$T_{\text{DP}} = 47.5^{\circ}$$

$$\text{PCN}_{62} = 0.00''$$

$$\Sigma \text{PCN}_{62} = 3.73''$$

Wednesday, September 27, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. ESE	Temp 70 °F	* Some low valley fog toward Mt. Nittany			
Min. 48 °F	Vel. 0 m.p.h.	Read. 28.83 in.				
Set 48 °F	Char. Calm	Corr. 28.72 in.	0700	1300	1900	
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 2/10	Ac Cs Cu	Clds. 0/10	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 20.1 mb	Wx Mostly Sunny	Wx	Wx	Wx clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 58$
HDD = 17
CDD = 6
 $\Sigma \text{HDD} = 117$
 $\Sigma \text{CDD} = 12$
 $\Sigma \text{FCU}_t = 3.83''$

$\bar{T}_{\text{DAYS}} = 4.8/45$
 $T_{\text{max}} = 45/43$

$T_s = 17$
 $T_w = 17$

Gauge₂ = 0.00"
 $\Sigma \text{Gauge}_2 = 3.73''$

Thursday, 28 September 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
70 °F	-	70 °F				
Min.	Vel.	Read.				
47* °F	0 m.p.h.	28.62 in.				
Set	Char.	Corr.	*overnight low = 58°			
58 °F	calm	28.50 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. Sc	
82 %	- mi.	27.82 in.	8 As, Ac, 10 Sc		10 Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	-0.7 mb	Increasing Clouds		Sprinkles	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	mi.	~25 mi.	

$\bar{T} = 59^\circ$
HDD = 6
 $\Sigma \text{HDD} = 123$
 $\Sigma \text{CDD} = 12$

$T_{\text{DAVIS}} = 59.5^\circ / 54.0^\circ$
 $T_{\text{UNV}} = 57^\circ / 40^\circ$
 $T_{\text{KPSU}} = 57^\circ / \text{M}$

$T_{\text{WB}} = 55.5^\circ$
 $T_{\text{BP}} = 54^\circ$

$\Sigma \text{FCN}_L = 3.83''$

$\text{FCN}_{G2} = 0.00''$
 $\Sigma \text{FCN}_{G2} = 3.73''$

Friday, September 29, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. W	Temp 72 °F		-RA/RA OCCUR 1153 - 1431 LT -RA 1609 - 1700 LT -TSVC 1700 - 1810 LT -RA 2349 - 0019 LT Peak gust 53 mph @ 1659 LT		
Min. 46 °F	Vel. 3 m.p.h.	Read. 28.77 in.				
Set 47 °F	Char. Gusty	Corr. 28.65 in.		0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.01 in.		Clds. Cu 2/10 Ac Sc	Clds.	Clds. Sc 1/10 Sc
Ppn. Liq. 0.17 in.	Prev. Dir. —	3 hr. Tend. +2.4 mb		Wx Mostly Sunny	Wx	Wx Cloudy & cool
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS		Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T = 56

HDD = 9

CDD = 0

Σ HDD = 132

Σ CDD = 12

Σ PCW = 4.00"

$T_{\text{DAYS}} = 147/12$
 $T_{\text{W}} = 48/37$

$T_d = 11$

$T_w = 12$

Gauge₂ = 0.17"

Σ Gauge₂ = 3.90"

Saturday September 30, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. —	Temp 70 °F				
Min. 40 °F	Vel. 0 m.p.h.	Read. 30.02 in.				
Set 41 °F	Char. Calm	Corr. 29.90 in.				
			0700	1300	1900	
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.52 in.	Clds. Acc 5/10	Clds.	Clds. 10/10 ST	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 70.0 mb	Wx partly Sunny	Wx	Wx OVERCAST	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 3.5 mi.	

$\bar{T} = 50$
HDD = 15
CDD = 0
 $\Sigma HDD = 147$
 $\Sigma CDD = 12$
 $\Sigma PCN = 4.00''$

$\bar{T}_{DAYS} = 42/141$
 $\bar{T}_{WV} = 39/37$

$T_w = 57$
 $T_s = 53$

SEP TEMPS.
 $\bar{T}_{MAX} = 68.2^\circ F$
 $\bar{T}_{MIN} = 52.4^\circ$
 $\bar{T}_{SEP} = 60.3^\circ$

Gauged = 0.00
 $\Sigma \text{Gauged} = 3.90$