

Wednesday Sept. 1, 2004
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. WNW	Temp 72 °F			
Min.	57 °F	Vel. 3 m.p.h.	Read. 29.06 in.			
Set	58 °F	Char. Steady	Corr. 28.94 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 0/10	Clds. Cu 7/10	Clds. Co 2/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1 ✓ mb	Wx Valley fog	Wx —	Wx Nice
Ppn. Sol.	— in.	Snow Depth — in.	Observer TPH	Vis. 13 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 67$$

$$CDD = 2$$

$$HDD = 0$$

$$\Sigma CDD = 2$$

$$\Sigma HDD = 0$$

$$\Sigma PCN_L = 0$$

$$\bar{T}_{davis} = 58/58$$

$$\bar{T}_{UNV} = 57/55$$

$$\bar{T}_w = 58$$

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

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

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

Thursday, Sept. 2, 2004
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
77 °F	NW	72 °F				
Min.	Vel.	Read.				
57 °F	0 m.p.h.	29.10 in.				
Set	Char.	Corr.				
57 °F	Calm	28.98 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
90 %	— mi.	30.33 in.	3/10 Ci	2/10 Cu Cs Ci	2/10 Ci Cu	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+1 mb	Valley fog	—	—	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
— in.	— in.	TPH	3 mi.	25 mi.	25 mi.	

$\bar{T} = 67$
CDD = 2
HDD = 0
 $\Sigma CDD = 4$
 $\Sigma HDD = 0$
 $\Sigma PCN_L = 0.00$

$\bar{T}_{davis} = 58157$ $\bar{T}_w = 57$
 $\bar{T}_{UNV} = 57155$ $\bar{T}_d = 54$

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



Friday September 3, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	73 °F	① Amazingly damp mid and upper levels make for fabulous Cirrus patterns and a gorgeous twilight		
76 °F	—	°F				
Min.	Vel.	Read.				
56 °F	0 m.p.h.	29.11 in.				
Set	Char.	Corr.		0700	1300	1900
56 °F	Calm	28.89 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
93 %	— mi.	30.24 in.	2/10	6/10 Cu	2/10 Ci, Cc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	— mb	Dense Fog	—	Fair ☀	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0.0 in.	AAA	1 mi.	25 mi.	25 mi.	

$\bar{J} = 66$
 $\sum HD = 0$
 $CDD = 1$
 $\sum HD = 0$
 $\sum CDD = 5$
 $\sum PCN_u = 0.00$

$TRANS = 56/55$
 $T_{INV} = 57/56$

$T_W = 66$
 $T_d = 55$

$PCN_{UB} = N/A$
 $\sum PCN_{UB} = N/A$

Saturday, 4 September, 2004 0700 EST

Temp.			Wind			Barom.			General Obs.		
Max.	77 °F		Dir.	SSE		Temp	72.5 °F		Overnight Low ~ 60°F		
Min.	56 °F		Vel.	2 m.p.h.		Read.	29.15 in.				
Set	60 °F		Char.	steady		Corr.	29.02 in.		0700	1300	1900
R.H.	90 %		24 hr. Mov.	— mi.		Sea L.	30.37 in.		Clds.	Clds.	Clds.
Ppn. Liq.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	✓ +0.2 mb		$\frac{6}{10}$ Ci, Al	$\frac{3}{10}$ CM, Ci	$\frac{1}{10}$ Cs
Ppn. Sol.	0.0 in.		Snow Depth	0 in.		Observer	AGM		Wx	Wx	Wx
									FAIR w/FG	FAIR	Gorgeous
									Vis.	Vis.	Vis.
									N+W 20	25 mi.	25 mi.
									S 15		
									E 6		

$\bar{T} = 67$
HDD = 0
CDD = 2

$\Sigma \text{HDD} = 0$
 $\Sigma \text{CDD} = 7$

$\Sigma \text{PCN}_i = 0.00''$

$T_{\text{DAVIS}} = 59.5/59.5$
 $T_{\text{UNV}} = 57/57$

$T_w = 58.6$
 $T_D = 57.5$

$\text{PCN}_{\text{UB}} = 0.00$
 $\Sigma \text{PCN}_{\text{UB}} = 4/A$

Sunday, 5 September, 2004 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp			Overnight Low ~ 61°F		
80 °F	-	72 °F					
Min.	Vel.	Read.					
60 °F	0 m.p.h.	29.14 in.					
Set	Char.	Corr.		0700	1300	1900	
61 °F	calm	29.02 in.					
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
98 %	- mi.	30.36 in.	$\frac{10}{10}$ St	$\frac{6}{10}$ Cu	$\frac{7}{10}$ Sc		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
0.00 in.	-	+0.7 mb	Fg	H ₂			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0.0 in.	0 in.	AGM	$\frac{3}{4}$ mi.	13 mi.	20 mi.		

$\bar{T} = 70$
HDD = 0
CDD = 5

$T_{DAVIS} = 61/61$
 $T_{UNV} =$

$T_w = 60.5$
 $T_b = 60.5$

$\Sigma HDD = 0$
 $\Sigma CDD = 12$

$\Sigma PCN_L = 0.00''$

$PCN_{LTB} = 0.00''$
 $\Sigma PCN_{LTB} = N/A$

Monday September 6, 2004
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F		Dir. ESE	Temp 72 °F			
Min. 59 °F		Vel. 2 m.p.h.	Read. 29.13 in.			
Set 60 °F		Char. light	Corr. 29.01 in.	0700	1300	1900
R.H. 75 %		24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. Ci 4/10	Clds. Cu 10/10 Sc	Clds. Cb 10/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. — mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 68$$

$$HDD = 0$$

$$CDD = 3$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 15$$

$$\Sigma PCN_L = 0''$$

$$T_{davis} = 60/55$$

$$T_{unv} = 61/52$$

$$\bar{T}_W = 56$$

$$T_d = 58$$

$$PCN_{LTB} = M$$

$$\Sigma PCN_{LTB} = M$$

Tuesday September 7, 2004 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. S	Temp 73 °F	* overnight low 65		
Min.	60 °F	Vel. 4 m.p.h.	Read. 28.93 in.			
Set	66 °F	Char. Varying	Corr. 28.81 in.			
				0700	1300	1900
R.H.	90 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 10/10 cb	Clds. 9/10 Cu	Clds. 14/10 Cu
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. 0 ~ mb	Wx —	Wx —	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SM	Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.

$F = 65$
MOB = 0
COB = 0
 $\Delta HOB = 0$
 $\Delta COB = 15$
 $\Delta PENL = 0.00''$

$T_{unv} = 66/63$
 $T_{drawn} = 65/64$

$T_{10} = 64$
 $T_d = 63$

DCNLTB = N/A
 $\Delta PENL_{TB} = N/A$

Wednesday Sept. 8, 2004

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. ENE	Temp 74 °F	*Overnight Low - 68 0730-0745 DZ			
Min. 66* °F	Vel. 1 m.p.h.	Read. 28.88 in.				
Set 68 °F	Char. Calm	Corr. 28.75 in.	0700	1300	1900	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. st 10/10 ^{sc}	Clds. 10/10 Cu	Clds. st 10/10 ^{ns}	
Ppn. Liq. 1 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx HZ	Wx - RASH Fog	Wx SHRA	
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 10 mi.	Vis. 4 mi.	Vis. 5 mi.	

$\bar{T} = 70$
CDD = 5
HDD = 0
 $\Sigma CDD = 20$
 $\Sigma HDD = 0$
 $\Sigma PCN_L = 0.00$

$\bar{T}_{davis} = 68168$
 $\bar{T}_{UNV} = 68166$

$\bar{T}_w = 67$
 $\bar{T}_d = 67$

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

Thursday Sept. 9 2004
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	72 °F	Dir.	SSE	Temp	73 °F	0920 - 0620 SHRA *Wettest Sept. Day on record* - old REC = 2.70", 9/7/mk - old DAILY REC = 1.87", 1940		
Min.	67 °F	Vel.	10 m.p.h.	Read.	28.52 in.			
Set	70 °F	Char.	Breezy	Corr.	28.39 in.	0700	1300	1900
R.H.	97 %	24 hr. Mov.	— mi.	Sea L.	29.08 in.	Clds. St 10/10 Sc	Clds. Cu 10/10 Sc	Clds. Cu 0/10 Sc
Ppn. Liq.	2.97* in.	Prev. Dir.	—	3 hr. Tend.	-.72 mb	Wx Hz	Wx -Dz	Wx —
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	TPH	Vis. 15 mi.	Vis. 20 mi.	Vis. 25 mi.

T = 70
CDD = 5
HDD = 0
 Σ CDD = 25
 Σ HDD = 0
 Σ PCNL = 2.97

$\overline{T}_{davis} = 72/71$ $\overline{T}_w = 70$
 $\overline{T}_{UNV} = 71/69$ $\overline{T}_d = 69$

PCNL_{LTB} = N/A
 Σ PCNL_{LTB} = N/A

Friday September 10, 2021 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	W	Temp	72 °F	0900-1055 LT SHRA 0910-0930LT +SHRA			
Min.	62 °F	Vel.	2 m.p.h.	Read.	29.01 in.				
Set	62 °F	Char.	light	Corr.	25.891 in.	0700	1300	1900	
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	30.20 in.	Clds.	7/10 Cu	Clds.	3/10 Cu
Ppn. Liq.	0.61 in.	Prev. Dir.	—	3 hr. Tend.	1.9 / mb	Wx	—	Wx	—
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	SLM	Vis.	25 mi.	Vis.	25 mi.
									Wx Mist Sunset

$\bar{T} = 67$
HOB = 0
COD = 2
 $\Sigma HOB = 0$
 $\Sigma COD = 27$
 $\Sigma PCNL = 3,58$

$T_{max} = 63/59$
 $T_{davis} = 62/59$

$T_{w} = 61$
 $T_d = 59$

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

Saturday, 11 September, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	Dir.	Temp						
73 °F	-	72 °F						
Min.	Vel.	Read.						
56 °F	0 m.p.h.	29.13 in.						
Set	Char.	Corr.						
56 °F	calm	29.01 in.	0700	1300	1900			
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
100 %	- mi.	30.36 in.	$\frac{2}{10}$ cm	$\frac{5}{10}$ cm	$\frac{1}{10}$ As, Cs			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			
0.00 in.	-	+1.0 mb	Dense Fog	Fair	CLR			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			
0.0 in.	0 in.	AGM	$\frac{1}{4}$ mi.	25 mi.	25 mi.			

$\bar{T} = 65$
HDD = 0
CDD = 0
 $\Sigma \text{HDD} = 0$
 $\Sigma \text{CDD} = 27$
 $\Sigma \text{PCNL} = 3.58$

$T_{\text{RAVLS}} = 56/56$
 $T_{\text{UNV}} = 55/56$

$T_w = 56$
 $T_b = 56$

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

Sunday, 12 September, 2004 0700 EST

Temp.			Wind		Barom.	General Obs.						
Max.		74 °F	Dir.		S	Temp		72 °F	OVERNIGHT LOW 64 + 2 consecutive days with neither HDD or CDD			
Min.		56 °F	Vel.		2 m.p.h.	Read.		29.06 in.				
Set		65 °F	Char.		variable	Corr.		28.94 in.				
R.H.		85 %	24 hr. Mov.		— mi.	Sea L.		30.27 in.	0700	1300	1900	
Clds.		10 Sc, Cu	Clds.		—	Clds.		—				
Ppn. Liq.		0.00 in.	Prev. Dir.		—	3 hr. Tend.		✓ +0.4 mb	Wx	OVR	Wx	Wx
Ppn. Sol.		0.0 in.	Snow Depth		0 in.	Observer		AGM	Vis.	25 E 15 S 20 N+W mi.	Vis.	mi.
Vis.		25 E 15 S 20 N+W mi.	Vis.		mi.	Vis.		15 mi.				

$\bar{T} = 68$
 $HDD = 0$
 $CDD = 0$ (28)
 $\Sigma HDD = 0$
 $\Sigma CDD = 27$
 $\Sigma PCN_i = 0$

$T_{DAVIS} = 64.5/62.5$
 $T_{UNV} = 64/61$

$T_w = 62.0$
 $T_D = 60.5$

$PCN_{LTS} = 0.00''$
 $\Sigma PCN_{LTS} = N/A$

Monday September 13, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp			
77	°F		SW	72	°F		
Min.			Vel.	Read.			
57	°F		0 m.p.h.	29.08	in.		
Set			Char.	Corr.			
58	°F		light	28.96	in.	0700	1300
R.H.			24 hr. Mov.	Sea L.			1900
94	%		— mi.	30.32	in.	Clds. ci 1/10	Clds. Cu 2/10
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.			
0.0	in.		—	1 ✓	mb	Wx Valley Fog	Wx —
Ppn.	Sol.		Snow Depth	Observer			
0.0	in.		0 in.	SM		Vis. 20 mi.	Vis. 25 mi.
						Vis. 20 mi.	

$$T = 67$$

$$HDD = 0$$

$$CDD = 2$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 29$$

$$\Sigma PCWL = 3.58$$

$$T_{clavis} = 57/56$$

$$T_{unv} = 57/55$$

$$T_D = 57$$

$$T_d = 56$$

$$PCWL_{TB} = N/A$$

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

Tuesday September 14, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.	77	°F	Dir.	E	Temp	73	°F	* overnight low 60		
Min.	58	°F	Vel.	0 m.p.h.	Read.	29.11	in.			
Set	60	°F	Char.	calm	Corr.	28.99	in.	0700	1300	1900
R.H.	94	%	24 hr. Mov.	— mi.	Sea L.	30.33	in.	Clds. Cc 8/10 Cu	Clds. Cu 8/10 Cu	Clds. Sc 8/10 Sc C.
Ppn. Liq.	0.00	in.	Prev. Dir.	—	3 hr. Tend.	+ .4	mb	Wx Valley Fog	Wx —	Wx Nice
Ppn. Sol.	0.0	in.	Snow Depth	0 in.	Observer	JRU		Vis. 1.5 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 68$
HDD = 0
COD = 3
 Δ HDD = 0
 Δ COD = 32
 Δ PCNL = 3,58"

$T_{uv} = 61/61$
 $T_{davis} = 61/61$

$T_w = 59$
 $T_d = 58$

PCNL_{TD} = N/A
 Δ PCNL_{TD} = N/A

$T = 65$
 $CDD = 0$
 $HDD = 0$
 $\Sigma CDD = 32$
 $\Sigma HDD = 0$
 $\Sigma PCN_L = 3.68$

$T_{davis} = 62/60$
 $T_{UNV} = 60/59$

$T_w = 60$
 $T_d = 57$

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

Thursday Sept. 16, 2004
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	67 °F	Dir.	SW	Temp	73 °F	0840 - 1040 - SHRA			
Min.	61 °F	Vel.	3 m.p.h.	Read.	28.92 in.				
Set	64 °F	Char.	Steady	Corr.	28.79 in.	0700	1300	1900	
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	30.13 in.	Clds.	st 10/10 sc	Clds.	Clds.
Ppn. Liq.	0.06 in.	Prev. Dir.	—	3 hr. Tend.	-.21 mb	Wx	HZ	Wx	Haze Valley fog
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	TPH	Vis.	15 mi.	Vis.	5 mi.

$\bar{T} = 64$
CDD = 0
HDD = 1
 $\Sigma CDD = 32$
 $\Sigma HDD = 1$
 $\Sigma PCN_L = 3.74$

$T_{davis} = 64/63$ $T_w = 64$
 $T_{UNV} = 64/62$ $T_d = 61$

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

Friday September 17, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	75 °F		Dir.	SE	Temp	forenight low = 64° -RA 0210 LT - OBS			
Min. *	64 °F		Vel.	2 m.p.h.	Read.	28.82 in.			
Set	67 °F		Char.	light	Corr.	28.70 in.			
R.H.	100 %		24 hr. Mov.	— mi.	Sea L.	30.00 in.			
Ppn. Liq.	0.12 in.		Prev. Dir.	—	3 hr. Tend.	— mb			
Ppn. Sol.	— in.		Snow Depth	— in.	Observer	KAA			
							Winds sustained ~ 13 m.p.h. gust of 24		
							0700	1300	1900
							Clds. Cu 10/10 Sc	Clds. Cu 10/10 Sc	Clds. 10 NH, AL, 10 ST
							Wx -RA FG	Wx -RA	Wx +RA
							Vis. 3/4 mi.	Vis. .3 mi.	Vis. 3 mi.

$$\begin{aligned}\bar{T} &= 70 \\ CDD &= 5 \\ HDD &= 0 \\ \Sigma CDD &= 37 \\ \Sigma HDD &= 1 \\ \Sigma PCN_L &= 3.86\end{aligned}$$

$$\begin{aligned}T_{\text{Davis}} &= 606/606 \\ T_{\text{unv}} &= 606/606\end{aligned}$$

$$\begin{aligned}T_w &= 67 \\ T_d &= 67\end{aligned}$$

$$\begin{aligned}PCN_{\text{UTB}} &= \text{N/A} \\ \Sigma PCN_{\text{UTB}} &= \text{N/A}\end{aligned}$$

Saturday, 18 September, 2004 0700 EST

Temp.			Wind		Barom.	General Obs.			
Max.	Dir.	Temp	OBS - 1255 LT: -RA/RA 1305 - 1730 LT: -RA/occ RA w/+RA: 1340-1400, & 1500-1525 1730-0100 LT: +RA/occ RA w/+TRW: 1945-2040 0100-0400 LT: RA/occ +RA 0400-0550 LT: -RA			0700		1300	1900
68 °F	NNE	76.5 °F				0700		1300	1900
Min.	Vel.	Read.				0700		1300	1900
55 °F	11G 18 m.p.h.	28.73 in.	0700		1300	1900			
Set	Char.	Corr.	0700		1300	1900			
55 °F	breezy	28.60 in.	0700		1300	1900			
R.H.	24 hr. Mov.	Sea L.	Clds.		Clds.	Clds.			
91 %	- mi.	29.94 in.	10 10 Sc		5 10 Cs, Ci, Ac	3 10 ci, Co			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx		Wx	Wx			
5.05 in.	-	+2.7 mb	OVERCAST		P. SUNNY	M. CLEAR			
Ppn. Sol.	Snow Depth	Observer	Vis.		Vis.	Vis.			
0.0 in.	0 in.	AGM	25 mi.		25 mi.	25 mi.			



T = 62

CDD = 0

HDD = 3

Σ CDD = 37

Σ HDD = 4

Σ PCN_L = 8.91"

T Davis = 55/53

T unv = 55/50

T_w = 53.5

T_D = 52.5

☁️ spotty fog in rivulets on both south side of Mt. Nittany and north side of Tussey Mt.

Ⓢ The remnants of Hurricane Ivan set a new University Park Tower single-day rainfall record.

▲ 24H RECORD, 0.2 = 1.51", 1994

PCN_{LTS} = 4.11"

Σ PCN_{LTS} = N/A

Deposed to 2nd-all-time was Hurricane Agnes from 23 June, 1972. (4.71").

However, Agnes' two-day storm total was 7.73", whereas Ivan's total 7-17-04 and 9-18-04 comes to only 5.17". Also, today's reading only 2nd day ever to top 4.00".

Sunday, 19 September, 2004 0700 EST

Temp.			Wind		Barom.	General Obs.		
Max.		Dir.	Temp					
67 °F		NE	74 °F					
Min.		Vel.		Read.				
47 °F		5610 m.p.h.		29.15 in.				
Set		Char.		Corr.		0700	1300	1900
48 °F		variable		29.03 in.				
R.H.		24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
91 %		— mi.		30.41 in.		0/10		No
Ppn. Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
0.00 in.		—		/ +1.0mb		CLEAR		Clear
Ppn. Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
0.0 in.		0 in.		AGM		25 mi.	mi.	25 mi.

$\bar{T} = 57$
HDD = 8
CDD = 0

$T_{\text{DAVIS}} = 49/45$
 $T_{\text{UNV}} = 48/43$

$T_c = 46.5$
 $T_b = 45$

$\Sigma \text{HDD} = 12$
 $\Sigma \text{CDD} = 37$

$\Sigma \text{PCN}_L = 8.91''$
 $\Sigma \text{PCN}_S = 0.00''$

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

$T = 55$
 $HDD = 10$
 $CDD = 0$
 $\Sigma HDD = 22$
 $\Sigma CDD = 37$
 $\Sigma PCWL = 8.91$

$T_{davis} = 46/44$
 $T_{unv} = 45/43$

$T_w = 44$
 $T_d = 43$

$PCWL_{tg} = N/A$
 $\Sigma PCNL = N/A$

Tuesday September 21, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		Dir.	Temp	* overnight lows 50					
67	°F	WSW	76 °F						
Min.	*	Vel.	Read.						
45	°F	0 m.p.h.	29.28 in.						
Set		Char.	Corr.	0700	1300	1900			
51	°F	light	29.15 in.						
R.H.		24 hr. Mov.	Sea L.	Clds. Ci	Clds.	Clds. Ci			
89	%	— mi.	30.82 in.	9/10 C		3/10 Ci			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			
0.00	in.	—	.5 / mb	SOME Valley Fog		Nice			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			
0.00	in.	0.0 in.	SLM	25 mi.	mi.	25 mi.			

$\bar{T} = 56$
HDD = 9
COD = 0
 $\sum \text{HDD} = 31$
 $\sum \text{COD} = 37$
 $\sum \text{PCNL} = 8.91$

$T_{\text{davis}} = 55/53$
 $T_{\text{unv}} = 50/50$

$T_w = 50$
 $T_d = 48$

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

Wed September 22, 2004
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.		77 °F	Dir.		W	Temp		76 °F
Min.		50 °F	Vel.		0 m.p.h.	Read.		
Set			Char.		29.01 in.	0700	1300	1900
R.H.		83 %	24 hr. Mov.		— mi.	Sea L.	30.38 in.	Clds.
Ppn.		0.00 in.	Prev. Dir.		—	3 hr. Tend.		+9.1 mb
Ppn.		— in.	Snow Depth		— in.	Observer		TPH
Clds.		110 ci	Wx		Nice	Vis.		25 mi.
Clds.		0/10	Wx		—	Vis.		25 mi.
Clds.		110 ci	Wx		Clear	Vis.		25 mi.

$\bar{T} = 64$
CDD = 0
HDD = 1
 $\Sigma CDD = 37$
 $\Sigma HDD = 32$
 $\Sigma PCN_L = 8.91$

$\bar{T}_{davis} = 58154$ $\bar{T}_w = 654$
 $\bar{T}_{UNV} = 53150$ $\bar{T}_d = 50$

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

Thursday September 23, 2004 Meteorological Observatory
 0700 EST University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. NW	Temp 77 °F			
Min.	54 °F	Vel. 0 m.p.h.	Read. 29.10 in.			
Set	54 °F	Char. Calm	Corr. 28.96 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 2/10 ci	Clds. 0/10	Clds. 9/10 cu
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +4 mb	Wx valley fog	Wx —	Wx —
Ppn. Sol.	— in.	Snow Depth — in.	Observer TRH	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.



$\bar{T} = 67$
CDD = 2
HDD = 0
 $\Sigma CDD = 39$
 $\Sigma HDD = 32$
 $\Sigma PCN_L = 8.91$

$\bar{T}_{davis} = 55/53$ $\bar{T}_w = 54$
 $\bar{T}_{UNV} = 53/51$ $\bar{T}_d = 53$

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

Friday September 24, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F		Dir. ENE	Temp 75 °F	tovernight low = 60		
Min. * 54 °F		Vel. 1 m.p.h.	Read. 29.10 in.			
Set 60 °F		Char. light	Corr. 28.98 in.	0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. —	Clds. Cu 5/10 Cs SE	Clds. 3/10 Ci, Cs
Ppn. Liq. — in.		Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx FOG	Wx —	Wx Fair
Ppn. Sol. — in.		Snow Depth — in.	Observer KAP	Vis. 0.5 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\begin{aligned}T &= 67 \\HDD &= 0 \\CDD &= 2 \\ΣHDD &= 32 \\ΣCDD &= 41 \\ΣPCN_L &= 8.91''\end{aligned}$$

$$\begin{aligned}T_{DVIS} &= 60/60 \\T_{UV} &= 61/61\end{aligned}$$

$$\begin{aligned}T_w &= 61 \\t_d &= 61\end{aligned}$$

$$\begin{aligned}PCN_{LTB} &= M \\ΣPCN_{LTB} &= M\end{aligned}$$

Saturday, 25 September, 2004 0700 EST

Temp.			Wind	Barom.	General Obs.			
Max.	Dir.	Temp	OVERNIGHT LOW ~ 62°F					
77 °F	—	78 °F						
Min.	Vel.	Read.						
60 °F	0 m.p.h.	29.02 in.	Set	Char.	Corr.	0700	1300	1900
62 °F	calm	29.89 in.	R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
97 %	— mi.	30.22 in.	10 Co, Ac, 10 CA	3 hr. Tend.	Wx	Wx	Wx	Wx
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Cloudy w/ Fog	mb	Wx	Wx	Fair	Fair
0.00 in.	—				Vis.	Vis.	Vis.	Vis.
Ppn. Sol.	Snow Depth	Observer	15 mi.		mi.	mi.	25 mi.	
0.0 in.	0 in.	AGM						



$\bar{T} = 61^\circ$
HDD = 0
CDD = 4
 $\Sigma \text{HDD} = 32$
 $\Sigma \text{CDD} = 45$
 $\Sigma \text{PCN}_L = 8.91''$

$T_{\text{max}} = 61.0^\circ / 60.5^\circ$
 $T_{\text{min}} = 61^\circ / 61^\circ$

$T_w = 61.5^\circ$
 $T_D = 61.0^\circ$

⊕ Base of Mt. Nithaug; and base of Tussey Mt., including a 4 mile wide segment nearest the tower obscured due to ground fog.

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

Sunday, 26 September, 2004 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir.	Temp	① Fog at base of Mts. to NE, E, & SE. Middle and upper portions of ridges not obscured		
	—		80.5 °F			
Min.	56 °F	Vel.	29.05 in.			
Set	57 °F	Char.	Corr.	0700	1300	1900
	calm		28.91 in.			
R.H.	90 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
	—	— mi.	30.26 in.	$\frac{0}{10}$		$\frac{9}{10}$ cu
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx	Wx	Wx
0.00 in.	—	+1.3 mb		Clear w/ fog		—
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	20 mi.		mi.	15 mi.

$$\bar{T} = 67$$

$$HDD = 0$$

$$CDD = 2$$

$$\Sigma HDD = 32$$

$$\Sigma CDD = 47$$

$$\Sigma PCN_L = 8.71''$$

$$T_{DAVIS} = 56/54.5$$

$$T_{UNV} = 56/54$$

$$T_w = 55$$

$$T_o = 54$$

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

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

Monday September 27, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. E	Temp 80 °F			
Min.	51 °F	Vel. 2 m.p.h.	Read. 29.01 in.			
Set	52 °F	Char. light	Corr. 28.87 in.	0700	1300	1900
R.H.	94 %	24 hr. Mov. — mi.	Sea L. 36.22 in.	Clds. 10/10 cu	Clds. 6/10 cu	Clds. 11/10 cu
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx Valley Fog	Wx —	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SM	Vis. 1 mi.	Vis. 7 mi.	Vis. 15 mi.

$\bar{T} = 61$
HOD = 4
COD = 0
 $\sum HOD = 32$
 $\sum COD = 47$
 $\sum PCNL = 8.91$

$T_{avg} = N/A$
 $T_{uv} = 52/52$

$T_{d} = 52$
 $T_{d} = 51$

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

Tuesday September 28, 2024 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NE	Temp 76 °F	Read. 28.74 in.	* overnight low low 2200-2250 LT SHRA 2250-2325 LT +SHRA 2325-0000 LT SHRA 0000-110 LT +SHRA 0110-0145 LT +SHRA 0145-0235 LT +SHRA CONT ON BACK		
Min. * 52 °F	Vel. 2 m.p.h.	Corr. 28.62 in.	0700	1300	1900	
Set 62 °F	Char. light	Sea L. in.	Clds. 10/10	Clds. cu 10/10 Sc	Clds. Sc 10/10 Sc	
R.H. 100 %	24 hr. Mov. — mi.	3 hr. Tend. — mb	Wx -SHRA	Wx SHRA	Wx Overcast	
Ppn. Liq. 1.01 in.	Prev. Dir. —	Observer SUM	Vis. 3 mi.	Vis. ~ 5 mi.	Vis. 7 mi.	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.					

$\bar{T} = 61$
HDD = 4
CDD = 0
 $\sum HDD = 46$
 $\sum CDD = 47$
 $\sum PENL = 9.92$

$T_{unv} = 63/63$
 $T_{clms} = N/A$

$T_{20} = 62$
 $T_{cl} = 62$

0235-0520 LT - SHRA
0601-0630 SHRA
0740-0835 - SHRA

$PENL_{TB} = N/A$
 $\sum PENL_{TB} = N/A$

Wednesday Sept. 29, 2004
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. N	Temp 81 °F	Obs - 1940 LT SHRA 2140 - 2240 LT - SHRA		
Min.	57 °F	Vel. 1 m.p.h.	Read. 28.92 in.			
Set	57 °F	Char. Steady	Corr. 28.67 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. Sc 10/10 Sc	Clds. Sc 10/10 Lu	Clds. Sc 8/10 Sc
Ppn. Liq.	.65 in.	Prev. Dir. —	3 hr. Tend. 11.31 mb	Wx Overcast	Wx Overcast	Wx Nice
Ppn. Sol.	— in.	Snow Depth — in.	Observer TPH	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 61$
CDD = 0
HDD = 4
 $\Sigma CDD = 47$
 $\Sigma HDD = 44$
 $\Sigma PCN_{\text{L}} = 10.57$

$T_{\text{Davis}} = 58156$ $T_{\text{w}} = 66$
 $T_{\text{UNV}} = 57153$ $T_{\text{d}} = 52$

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

Thursday, Sept. 30, 2004
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. W	Temp 75 °F			
Min.	56 °F	Vel. 1 m.p.h.	Read. 28.88 in.			
Set	56 °F	Char. Steady	Corr. 28.75 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 8/10 Sc SE Cu	Clds. 9/10 Sc Cu	Clds. 5/10 Cu
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +.4 mb	Wx Light fog	Wx —	Wx —
Ppn. Sol.	— in.	Snow Depth — in.	Observer TPH	Vis. 13 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 61$
CDD = 0
HDD = 4
 Σ CDD = 47
 Σ HDD = 48
 Σ PCNL = 10.57

$T_{\text{davis}} = 56.54$
 $T_{\text{UNV}} = 57.53$

$T_w = 55$
 $T_d = 51$

SEPT. TEMPS

$\bar{T}_{\text{MAX}} = 73.0$

$\bar{T}_{\text{MIN}} = 56.4$

$T_{\text{SET}} = 64.67^\circ\text{F}$

PCNLTB = N/A

Σ PCNLTB = N/A