

Thursday ~~Sept~~ September 1, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 74 °F	28.76 in.	RA OBS - 0805 LT OCCL - RA 0805 - 1145 LT - SHRA, OCCL + SH RA 1540 - 1640 LT		
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.76 in.				
Set 63 °F	Char. Calm	Corr. 28.63 in.				
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	0700	1300	1900	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. +1.7 mb	Clds. Few Cu. Ridge Top	Clds. 7/10 Cu	Clds. Ci 1/10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Wx Clear	Wx MC	Wx Clear	
			Vis. 5 E 20 W mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 69$$

$$HDD = 0$$

$$CDD = 4$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 4$$

$$\Sigma PCN_L = 0.05''$$

$$T_{Davis} = 63/61^\circ$$

$$T_{UNV} =$$

$$T_W = 59$$

$$T_D = 55$$

Friday, September 2, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. W	Temp 72 °F			
Min.	61 °F	Vel. 1 m.p.h.	Read. 28.84 in.			
Set	63 °F	Char. Light	Corr. 28.72 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. Ci 3/10 Ac	Clds. Ci, Cu 3/10 Ac	Clds. Cu 4/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.3 mb	Wx Mostly Sunny	Wx M. Sunny	Wx. Sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 70$$

$$HDD = 0$$

$$CDD = 5$$

$$\sum HDD = 0$$

$$\sum CDD = 9$$

$$\sum PCN_L = 0.05''$$

$$T_{Davis} = N/A$$

$$T_{UVV} = 61/59$$

$$T_{Arg} = 63$$

$$T_{wet} = 60$$

$$T_{New} = 58$$

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

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

Saturday, September 3, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. WNW	Temp 74 °F				
Min. 58 °F	Vel. 2 m.p.h.	Read. 28.96 in.				
Set 61 °F	Char. Light + Variable	Corr. 28.83 in.				
			0700	1300	1900	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. C 9/10	Clds.	Clds. 3/10 Ac, Cu, As	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.1 mb	Wx Sunny	Wx	Wx pleasant, M. Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 70$$

$$HDD = 0$$

$$CDD = 5$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 14$$

$$\Sigma PCN_L = 0.05''$$

$$T_{DAVIS} = 62/56$$

$$T_{LOW} = 62/54$$

$$T_d = m$$

$$T_w = m$$

$$PCN_{LMS} = 1/A$$

$$\Sigma PCN_{LMS} = 1/A$$

Sunday, 4 September 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. NNW	Temp 76.5 °F			
Min.	54 °F	Vel. 2 m.p.h.	Read. 29.09 in.			
Set	57 °F	Char. light	Corr. 28.96 in.	⊙ Fog/Haze in Tussey Valley to NE		
R.H.	92 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. 0 10	Clds. 1300	Clds. 1900 4 As, Ac, 15 CirCus
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.6 mb	Wx ⊙ Clear Bright	Wx	Wx Vermilion sunset
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$T_{DAVIS} = 56.5^{\circ}/55^{\circ}$$

$$T_{UNV} = 55^{\circ}/54^{\circ}$$

$$T_w = 55.5^{\circ}$$

$$T_b = 54.5^{\circ}$$

$$\Sigma CDD = 14$$

$$\Sigma PCN_i = 0.05''$$

$$PCN_{LWB} = 0.00''$$

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

Monday, 5 September, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
74 °F	NNE	76 °F				
Min.	Vel.	Read.				
55 °F	1 m.p.h.	29.25 in.				
Set	Char.	Corr.				
57 °F	variable	29.12 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
92 %	— mi.	30.48 in.	$\frac{1}{10}$ Sc	$\frac{4}{10}$ Ac, Cu	$\frac{3}{10}$ AC	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+1.2 mb	Clear + Bright	Fair	Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	25 mi.	25 mi.	

$\bar{T} = 65$
HDD = 0

$T_{DAVIS} = 57.5/55.5$
 $T_{UNV} = 55^{\circ}/54^{\circ}$

$T_w = 56^{\circ}$
 $T_b = 55^{\circ}$

$\Sigma HDD = 0$
 $\Sigma CDD = 14$
 $\Sigma PCN_i = 0.05''$

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

TUESDAY, 16 SEPTEMBER 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir.	Temp			
	—		74 °F			
Min.	55 °F	Vel.	Read.			
	0 m.p.h.		29.89 in.			
Set	56 °F	Char.	Corr.	0700	1300	1900
	Calm		29.26 in.			
R.H.	83 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
	—	mi.	30.56 in.	% -	4/10 Cu	0/10
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	40.5 mb	-FG	FAIR + CLEAR	Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	OSP	SE 25W mi.	25 mi.	25 mi.	

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

$$HDD = 0$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 15$$

$$\Sigma PCN_L = 0.05''$$

$$T_{DAVIS} = 56/54^\circ$$

$$T_{UNY} = 52^\circ/52^\circ$$

$$T_W = 53$$

$$T_D = 51$$

Wednesday, September 7, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	—	Temp	77 °F			
Min.	54 °F	Vel.	0 m.p.h.	Read.	29.18 in.			
Set	55 °F	Char.	Calm	Corr.	29.05 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov.	— mi.	Sea L.	30.40 in.	Clds.	0/10	0/10
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	mb	Wx	Fog	Wx
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	SBS	Wx	Clear	Wx
						Vis.	~4 mi.	Vis.
						Vis.	25 mi.	Vis.
						Vis.	25 mi.	25 mi.

$$\bar{T} = 67$$

$$HDD = 0$$

$$CDD = 7$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 17$$

$$\Sigma PCNL = 0.05''$$

$$T_{Davis} =$$

$$T_{UV} = 52/52$$

$$T_{dry} = 55$$

$$T_{wet} = 55$$

$$T_{air} = 55$$

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

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

THURSDAY SEPTEMBER 8, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 74 °F				
Min. 55 °F	Vel. 0 m.p.h.	Read. 29.03 in.				
Set 56 °F	Char. Calm	Corr. 28.90 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 1/10 AC	Clds. 8/10 AC, CU	Clds. As 6/10 CU	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.3 mb	Wx LIGHT FG	Wx Cloudy, Hazy	Wx Fog	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 20 E 25 W mi.	Vis. 25 mi.	Vis. ~6 mi.	

$$\bar{T} = 67$$

$$HDD = 0$$

$$CDD = 2$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 19$$

$$\Sigma PCN_L = 0.05''$$

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

$$T_{UNV} = 52/52$$

$$T_W = 54$$

$$T_D = 53$$

Friday, September 1, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 74 °F				
Min. * 56 °F	Vel. 0 m.p.h.	Read. 28.12 in.				
Set 63 °F	Char. Calm	Corr. 28.80 in.	* overnight low 63			
			0700	1300	1900	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. St 9/10	Clds. 6 Cu, As, 10 Ac	Clds. C 4/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Fog	Wx Partly Sunny	Wx Mostly Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. ~10 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 68$$

$$HDD = 0$$

$$CDD = 3$$

$$\sum HDD = 0$$

$$\sum CDD = 22$$

$$\sum PCNL = 0.05''$$

$$T_{Davis} =$$

$$T_{UV} = 63/59$$

$$T_{dry} = 64$$

$$T_{wet} = 61$$

$$T_{air} = 59$$

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

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

Saturday, September 10, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F		Dir. NNE	Temp. 73 °F			
Min. 56 °F		Vel. 2 m.p.h.	Read. 29.10 in.			
Set 58 °F		Char. Light + variable	Corr. 28.98 in.			
R.H. 94 %		24 hr. Mov. — mi.	Sea L. 30.32 in.	0700 Clds. Cu 2/10 Cs	1300 Clds.	1900 Clds. 2 Ac, Ci 75
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. /+ 1.8 mb	Wx mostly Sunny	Wx	Wx under Gorgeous for sunset stars
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~15 mi.	Vis. mi.	Vis. 25 mi.

T_{DAVIS} = 59/57

$\bar{T} = 67^\circ$

CDD = 2

$\Sigma CDD = 24$

$\Sigma PCNE = 0.05''$

Sunday, 11 September, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
77 °F	-	72 °F				
Min.	Vel.	Read.				
52 °F	0 m.p.h.	29.21 in.				
Set	Char.	Corr.	☉ Fog in Nittany Valley to ENE 0700 1300 1900			
53 °F	calm	29.09 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
96 %	- mi.	30.46 in.	$\frac{0}{10}$		$\frac{0}{10}$	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	+1.4 mb	Not a ☉ cloud in the sky		Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	mi.	25 mi.	

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$\Sigma CDD = 24$$

$$\Sigma PCN_{L} = 0.06^{\circ}$$

$$T_{DAYS} = 53^{\circ} / 50.5^{\circ}$$

$$T_{WV} = 52^{\circ} / 50^{\circ}$$

$$T_{KPSU} = 50^{\circ}$$

$$T_w = 52^{\circ}$$

$$T_o = 51^{\circ}$$

$$PCN_{US} = 0.00^{\circ}$$

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

Monday, 12 September, 2005 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir.	Temp			
		-	76 °F			
Min.	53 °F	Vel.	Read.			
		0 m.p.h.	29.09 in.			
Set	56 °F	Char.	Corr.	* Overnight low - 55°		
		calm	28.96 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		- mi.	30.33 in.	0/10		0/10
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		-	+0.2 mb	Clear		Hazy
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	AGM	25 mi.		20 mi.

$T = 66^\circ$
 $CDD = 1$
 $\Sigma CDD = 25$
 $\Sigma PCN_L = 0.05''$

$T_{DAVIS} = 56^\circ / 51.5^\circ$
 $T_{UNV} = 54^\circ / 49^\circ$
 $T_{KPSH} = 51^\circ$

$T_N = 53.5^\circ$
 $T_D = 51.5^\circ$

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

Tuesday 13 September 2005

0700 EST

Meteorological
University Park, PA

General Obs.

Temp.		Wind	Barom.			
Max.	85 °F	Dir.	74 °F			
Min.	56 °F	Vel.	28.96 in.			
		0 m.p.h.				
Set	60 °F	Char.	28.77 in.			
		calm				
R.H.	84 %	24 hr. Mov.	Sea L.			
		- mi.	30.06 in.			
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.			
		-	4 1 mb			
Ppn. Sol.	0.0 in.	Snow Depth	Observer			
		0 in.	OP			
				* overnight low 60°		
				0700	1300	1900
				Clds.	Clds. Cu 2/10 CS	Clds. Ci 2/10
				Wx Clear, FG	Wx HAZY	Wx Mostly Clear
				Vis. 208 25W mi.	Vis. 85 mi.	Vis. mi.

$T = 11$
CDD = 6
HDD = 0
 $\Sigma CDD = 31$
 $\Sigma HDD = 0$
 $\Sigma PCN_L = 0.25^+$

$T_{AMES} = 60^\circ/57^\circ$
 $T_{UNV} = 57^\circ/55^\circ$

$T_W = 57$
 $T_D = 55^\circ$

Wednesday, September 14, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SSE	Temp 74 °F			
Min.	60 °F	Vel. 2 m.p.h.	Read. 29.83 in.			
Set	61 °F	Char. Light	Corr. 29.71 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. c; 3/10	Clds. cv 4/10	Clds. ^{cu} 8/10 ^{as} AS
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Haze	Wx PC	Wx Mist/FG
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 73$$

$$HDD = 0$$

$$CDD = 8$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 39$$

$$\Sigma PCN_L = 0.05''$$

$$T_{Dew:5} =$$

$$T_{UVV} = 55/52$$

$$T_{dry} = 61$$

$$T_{wet} = 58$$

$$T_{dew} = 56$$

$$PCN_{L78} = N/A$$

$$\Sigma PCN_{L78} = N/A$$

Thursday September 15, 2005
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp 74 °F	-RA 0240 - 0300 LT			
Min. 61 * °F	Vel. 0 m.p.h.	Read. 28.92 in.	* overnight low 72°			
Set 72 °F	Char. Calm	Corr. 28.78 in.	0700	1300	1900	
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 7/10 AO AS	Clds. 9/10 AL	Clds. 7/10 AS	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx FG	Wx +HAZE	Wx FG	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 17 mi.	Vis. 17 mi.	Vis. ~5 mi.	

$$\begin{aligned}\bar{T} &= 74^\circ \\ CDD &= 9 \\ HDD &= 0 \\ \Sigma CDD &= 48 \\ \Sigma HDD &= 0 \\ \Sigma PCM &= 0.06''\end{aligned}$$

$$\begin{aligned}T_{DAVIS} &= 71^\circ/70^\circ \\ T_{UNY} &= 68^\circ/68^\circ\end{aligned}$$

$$\begin{aligned}T_w &= 69^\circ \\ T_D &= 67.5^\circ\end{aligned}$$

Friday, September 16, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. NE	Temp 74 °F			
Min.	68 °F	Vel. 1 m.p.h.	Read. 28.89 in.			
Set	70 °F	Char. Light ? Variable	Corr. 28.77 in.	0700	1300	1900
R.H.	88 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. St 10/10	Clds. St. 8/10 St. Sc. ca	Clds. As 10/10 St
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. — + 0 mb	Wx Fog	Wx M. Cloudy	Wx Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. ~2 mi.	Vis. 12 mi.	Vis. ~10 mi.

$$\bar{T} = 76$$

$$HDD = 0$$

$$CDD = 11$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 59$$

$$\Sigma PCN_L = 0.06''$$

$$T_{\text{davis}} =$$

$$T_{\text{uv}} = 70/68$$

$$T_{\text{dry}} = 70$$

$$T_{\text{wet}} = 68$$

$$T_{\text{dew}} = 67$$

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

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

Saturday, September 17, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. S	Temp 73 °F	-RA 1244-1253 LT		
Min.	66 °F	Vel. 0 m.p.h.	Read. 28.82 in.	-RA/RA 1407-1453 LT		
Set	67 °F	Char. Calm	Corr. 28.69 in.	-RA 1501-1517 LT		
				0700	1300	1900
R.H.	97 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. ST 9/10	Clds. NS	Clds. Cu, Ac, Ci 10 Ci
Ppn. Liq.	0.03 in.	Prev. Dir. —	3 hr. Tend. +0.8 mb	Wx Cloudy w/ mist	Wx	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~3 mi.	Vis. mi.	Vis. 20 mi.

T = 74
HDD = 0
CDD = 9
 Σ HDD = 0
 Σ CDD = 68
 Σ PCN_L = 0.09"

T_{DAVIS} = 66/66
T_{LOW} = 66/64

T_A = M
T_W = M

PCN_{LTD} = N/A
 Σ PCN_{LTD} = N/A

$\bar{T} = 61^\circ$
CDD = 4
 Σ CDD = 72
 Σ HDD = 0
 Σ PCN₁ = 0.09"

T_{DAVIS} = 63°/62.5°
T_{UNV} = 63°/63°
T_{KPSU} = 62°/M

T_w = 63°
T_b = 62.5°

PCN_{L18} = 0.00"
 Σ PCN_{L18} = N/A

Monday, 19 September, 2005 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. W	Temp 72 °F	Few PM Sprinkles			
Min. 58 °F	Vel. 1 m.p.h.	Read. 29.10 in.				
Set 58 °F	Char. light	Corr. 28.98 in.	0700	1300	1900	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.33 in.	Clds. 0/10	Clds. 5/10 Ci, Cc	Clds. 5/10 Cs, Al	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.2 mb	Wx clear + cool	Wx P. Cloudy	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$T = 68^\circ$
HDD = 0
CDD = 3
 $\Sigma CDD = 75$

$T_{DAVIS} = 59^\circ/58^\circ$
 $T_{UNV} = 57^\circ/57^\circ$
 $T_{KPSH} = 53^\circ/M$

$T_w = 58^\circ$
 $T_D = 58^\circ$

$\Sigma PCN_i = 0.09''$

$PCN_{118} = 0.00''$
 $\Sigma PCN_{118} = 0.00''$

TUESDAY, SEPTEMBER 20, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	80 °F	Dir.	WSW	Temp	-RA 0820 - 0400 -RA 0700 - 0720		
Min.	58* °F	Vel.	3 m.p.h.	Read.	20.93 in.		
Set	60 °F	Char.	light,	Corr.	* overnights low 60°		
R.H.	75 %	24 hr. Mov.	- mi.	Sea L.	0700	1300	1900
Ppn.	0.05 in.	Prev. Dir.	-	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	10/10 NS, AC	10/10 CuF	0/10
					Wx	Wx	Wx
					FG, Cloudy	HAZE, Cloudy	Clear
					Vis.	Vis.	Vis.
					17 mi.	25 mi.	25 mi.

$I = 69$
 $HDD = 0$
 $CDD = 4$
 $E HDD = 0$
 $E CDD = 89$
 $\epsilon PCN_L = 0.14''$

$T_{DAVIS} = 67/64$
 $T_{UVI} = 64/63$

$T_N = 57''$
 $T_a = 54''$

Wednesday, September 21, 2005 0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.	1446 - 1456 LT - RA ~0900 - 5mm		
Max.	75 °F	Dir. • W	Temp • 72 °F	• taken at 0900 LT * 60°F was set at 0900 LT, set at 0800 LT was 57°F		
Min.	55 °F	Vel. • 4 m.p.h.	Read. • 29.02 in.			
Set *	57 °F	Char. • Light & variab	Corr. • 28.90 in.	0700	1300	1900
R.H. •	72 %	24 hr. Mov. • - mi.	Sea L. • 30.24 in.	Clds. • 0/10	Clds. c: 1/10	Clds. 9/10
Ppn. Liq. •	T in.	Prev. Dir. • -	3 hr. Tend. • +1.3mb	Wx • Sunny	Wx Mostly Sunny	Wx Clear
Ppn. Sol. •	0.0 in.	Snow Depth • 0 in.	Observer • SBS	Vis. • 25 mi.	Vis. • 25 mi.	Vis. • 25 mi.

$T = 65$
 $HDD = 0$
 $CDD = 0$
 $\Sigma HDD = 0$
 $\Sigma CDD = 79$
 $\Sigma PCNL = 0.14''$

$T_{Davis} =$
 $T_{UNV} = 54/52$

$T_{dry} = 60$
 $T_{wet} = 56$
 $T_{dew} = 53$

Thursday September 22, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. —	Temp 72 °F			
Min.	54 °F	Vel. 0 m.p.h.	Read. 28.96 in.			
Set	55 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 0/10	Clds. cu 4/10 AC	Clds. ci 4/10 As
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. L-1.0 mb	Wx clear	Wx -HZ	Wx Partly Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer ATP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$T = 67$$

$$HDD = 0$$

$$COD = 2$$

$$\epsilon HDD = 0$$

$$\epsilon COD = 81$$

$$\epsilon PCWL = 0.14''$$

$$T_{DAVIS} = 50/52$$

$$T_{UNV} = 52/50$$

$$T_W = 51.5^\circ$$

$$T_D = 49^\circ$$

Friday, September 23, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. W	Temp 73 °F	-SHRA 0029-0108 LT OCCL -SHRA 0246-0313 LT		
Min.	* 55 °F	Vel. 5 m.p.h.	Read. 28.83 in.	* overnight low 66		
Set	67 °F	Char. Light	Corr. 28.71 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. ci 6/10 hc	Clds.	Clds.
Ppn.	Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. √ + .3 mb	Wx Partly Cloudy	Wx	Wx
Ppn.	Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. mi.	Vis. mi.

$$T = 71$$

$$HDD = 0$$

$$CDD = 6$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 87$$

$$\Sigma PCN_L = 0.16''$$

$$T_{avg} =$$

$$T_{unv} = 64/59$$

$$T_w = 64$$

$$T_D = 62$$

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

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

Saturday, September 24, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	75 °F		Dir.	NNE	Temp	74 °F	- SHRA 1430-1450 LT - RA 1810-1845 LT	
Min.	51 °F		Vel.	2 m.p.h.	Read.	29.16 in.		
Set	51 °F		Char. Light	+Variable	Corr.	29.04 in.	0700	1300
R.H.	85 %		24 hr. Mov.	— mi.	Sea L.	30.41 in.	Clds. ST 20/10 SC	Clds.
Ppn. Liq.	0.01 in.		Prev. Dir.	—	3 hr. Tend.	/+1.0mb	Wx Cloudy	Wx Overcast
Ppn. Sol.	0.0 in.		Snow Depth	0 in.	Observer	MLS	Vis. ~20 mi.	Vis. mi. 25 mi.

$$T = 63$$

$$HDD = 2$$

$$CDD = 0$$

$$\sum HDD = 2$$

$$\sum CDD = 87$$

$$\sum PCN_i = 0.17''$$

$$T_{DAVIS} = 52/48$$

$$T_{UV} = 50/48$$

$$T_w = 11$$

$$T_d = 11$$

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

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

Sunday, 25 September, 2005 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. SSW	Temp 72.5 °F	ocnl - RA SH: 1615 - 1705 LT			
Min. 51* °F	Vel. 3 m.p.h.	Read. 29.08 in.				
Set 63 °F	Char. variable	Corr. 28.96 in.	*Overnight Low = 60°			
			0700	1300	1900	
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. $\frac{10}{10}$ St, As	Clds.	Clds. $\frac{8}{10}$ Ac, Cs, St	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — 0.2 mb	Wx Cloudy	Wx	Wx M. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

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

$$HDD = 7$$

$$\Sigma CDD = 87$$

$$\Sigma HDD = 9$$

$$\Sigma PCN_L = 0.17''$$

$$T_{DAVE} = 62^\circ/61.5^\circ$$

$$T_{UNV} = 63^\circ/61^\circ$$

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

$$T_w = 62^\circ$$

$$T_b = 61.5^\circ$$

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

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

Monday, 26 September, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. S	Temp 72.5 °F	OCNL - RA/-DZ 0245-0430LT		
Min.	63** °F	Vel. 6 m.p.h.	Read. 28.74 in.	** Overnight low = 68°		
Set	68 °F	Char. variable	Corr. 28.61 in.	* Tussey Mt obscured by fog to South		
R.H.	90 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. 10 St, Sc, 10 Ns	Clds. 1300	Clds. 1900 7/10 AC
Ppn. Liq.	0.01 in.	Prev. Dir. —	3 hr. Tend. -1.4 mb	Wx --RA*	Wx	Wx FG
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. ~18 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T} = 67^\circ$
CDD = 2
 $\Sigma CDD = 89$
 $\Sigma HDD = 9$
 $\Sigma PCN_L = 0.18$

$T_{DAVIS} = 68^\circ/65^\circ$
 $T_{UNV} = 68^\circ/63^\circ$

$T_w = 66^\circ$
 $T_b = 65^\circ$

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

TUESDAY SEPTEMBER 27, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. NNW	Temp 72 °F		RA 0900 - 1100 -RA 1200 - 1740 +RA 1900 - 1920		
Min. 55 °F	Vel. 3 m.p.h.	Read. 28.91 in.				
Set 55 °F	Char. Light & variable	Corr. 28.78 in.		0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 1/10 SC	Clds. 0/10	Clds. 0/10	
Ppn. Liq. 0.38 in.	Prev. Dir. —	3 hr. Tend. +3.0 mb	Wx -FG	Wx Clear	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer GJP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

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

$$CDD = 0$$

$$HDD = 3$$

$$\Sigma CDD = 89$$

$$\Sigma HDD = 12$$

$$\epsilon PCU_L = 0.56''$$

$$T_{DAVES} = 80^\circ/51^\circ$$

$$T_{UNV} = 55^\circ/48^\circ$$

$$T_W = 50^\circ$$

$$T_D = 46^\circ$$

Wednesday, September 28, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F		Dir. N	Temp 73 °F			
Min. 45 °F		Vel. 1 m.p.h.	Read. 29.01 in.			
Set 46 °F		Char. Light	Corr. 28.89 in.			
R.H. 90 %		24 hr. Mov. — mi.	Sea L. 30.26 in.	0700 Clds. Ci 1/10	1300 Clds. Ci 3/10	1900 Clds. 1/10 Ci
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. — +0.0 mb	Wx -FG	Wx Mostly Sunny	Wx Clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.



$$\bar{T} = 57$$

$$HDD = 8$$

$$CDD = 0$$

$$\Sigma HDD = 20$$

$$\Sigma CDD = 89$$

$$\Sigma PCN_L = 0.56''$$

$$T_{Davis} = 48/45$$

$$T_{uvv} = 43/43$$

$$T_w = 45$$

$$T_d = 44$$

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

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

THURSDAY, SEPTEMBER 29, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. WSW	Temp 74 °F	+RA 0720-0800		
Min.	46 * °F	Vel. 5 m.p.h.	Read. 28.66 in.			
Set	52 °F	Char. Breezy	Corr. 28.53 in.	* OVER LOW SW		
R.H.	88 %	24 hr. Mov. — mi.	Sea L. 29.78 in.	0700 Clds. 10/10 NS	1300 Clds. 8/10 SC	1900 Clds.
Ppn. Liq.	0.19 in.	Prev. Dir. —	3 hr. Tend. +0.0 mb	Wx -RA FG, OVCST	Wx Mostly Cloudy	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer UJP	Vis. 17 mi.	Vis. 25 mi.	Vis. mi.

$$T = 60^\circ$$

$$ODD = 0$$

$$HDD = 5$$

$$ECDD = 89$$

$$EHDD = 25$$

$$EPCNL = 0.754$$

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

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

$$T_w = 50$$

$$T_b = 48.5$$

Friday, September 30, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SHRA 0600 - 0915 LT			
62 °F	-	72 °F				
Min.	Vel.	Read.				
40 °F	0 m.p.h.	29.03 in.				
Set	Char.	Corr.	0700	1300	1900	
41 °F	Calm	28.91 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. c:	Clds.	Clds.	
79 %	- mi.	30-31 in.	4/10		0/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.10 in.	-	+1.5 mb	Partly Cloudy		Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SBS	25 mi.	mi.	25 mi.	

$$\bar{T} = 51$$

$$HDD = 14$$

$$CDD = 0$$

$$\sum HDD = 39$$

$$\sum CDD = 89$$

$$\sum PCNL = 0.85''$$

$$T_{Davis} = 41/39$$

$$T_{low} = 39/39$$

$$T_w = 39$$

$$T_d = 36.5$$

SEP. TEMPS.

$$\bar{T}_{max} = 77.0^{\circ}F$$

$$\bar{T}_{min} = 55.9$$

$$T_{sep} = 66.4$$

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

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