

Monday, August 1, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F		Dir. SW	Temp 72 °F	-T&RA 1922-2042 LT		
Min. 65 °F		Vel. 4 m.p.h.	Read. 29.01 in.			
Set 67 °F		Char. Light + Variable	Corr. 28.89 in.	0700	1300	1900
R.H. 97 %		24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. ci 4/10	Clds.	Clds. ci 4/10 cu
Ppn. Liq. 0.04 in.		Prev. Dir. —	3 hr. Tend. +0.8 mb	Wx Sunny	Wx	Wx Partly Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~10 mi.	Vis. mi.	Vis. ~25 mi.

$T = 76$
 $HDD = 0$
 $CDD = 11$
 $\Sigma HDD = 0$
 $\Sigma CDD = 11$
 $\Sigma PCN_L = 0.01^*$

$T_{DAVIS} = 67/66$
 $T_{WV} = 64/64$

$T_d = 17$
 $T_w = 17$

$PCN_{LWS} = \frac{1}{A}$
 $\Sigma PCN_{LWS} = \frac{1}{A}$

Tuesday August 2, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	* overnight low 69			
89 °F	WSW	73 °F				
Min.	Vel.	Read.				
67 °F	0 m.p.h.	28.95 in.				
Set	Char.	Corr.	0700	1300	1900	
71 °F	calm	28.83 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. cc	Clds. cu	Clds. cx	
81 %	- mi.	30.10 in.	1/10	4/10	7/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	+ .7 mb	valley fog	-	-	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SLM	~20 mi.	25 mi.	25 mi.	

$\bar{T} = 78$
 $CDD = 13$
 $HDD = 0$
 $\Sigma CDD = 24$
 $\Sigma HDD = 0$
 $\Sigma PCWL = 0.01''$

$T_{davis} = 71/67$
 $T_{uv} = 73/66$

$T_w = 67$
 $T_{cl} = 65$

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

Wednesday August 31 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
90 °F	NW	73 °F				
Min.	Vel.	Read.				
70 °F	2 m.p.h.	29.91 in.				
Set	Char.	Corr.				
72 °F	light	28.79 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
73 %	- mi.	30.10 in.	0/10	1/10 Cu	3/10 Cu	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	+ .9 / mb	valley fog	-	M. Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SLM	-20 mi.	25 mi.	28 mi.	

$\bar{T} = 80$
 $CAD = 15$
 $HDD = 0$
 $\Sigma COP = 39$
 $\Sigma HDD = 0$
 $\Sigma PCNL = 0.01^*$

$\bar{T}_{davis} = 72/65$
 $\bar{T}_{nu} = 72/64$

$T_d = 66$
 $T_d = 63$

$P_{CNLTB} = N/A$
 $\Sigma PCNLTB = N/A$

Thursday August 4, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
91 °F	DNW	73 °F				
Min.	Vel.	Read.				
62 °F	0 m.p.h.	28.95 in.				
Set	Char.	Corr.				
68 °F	calm	28.83 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. Sc	
84 %	- mi.	30.14 in.	0/10		5/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx Partly	
0.00 in.	-	+0.6 mb	Valley Fog		Cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SW	~5 mi.	mi.	25 mi.	

$\bar{T} = 79$
 $CDD = 14$
 $HDD = 0$
 $\Sigma CDD = 53$
 $\Sigma HDD = 0$
 $\Sigma PCAL = 0.01^*$

$T_{max} = 68/64$
 $T_{days} = 63/66$

$T_w = 65$
 $T_d = 63$

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

Friday, August 5, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir. SW	Temp 73 °F			
Min.	68* °F	Vel. 3 m.p.h.	Read. 28.94 in.			
Set	75 °F	Char. Light + Variable	Corr. 28.82 in.	* Overqt Low = 74°		
R.H.	77 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	0700 Clds. St 10/10 As	1300 Clds.	1900 Clds. Ac 4/10
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Cloudy	Wx	Wx Partly Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~10 mi.	Vis. mi.	Vis. ~25 mi.

$T = 80$
 $HDD = 0$
 $CDD = 15$
 $\Sigma HDD = 0$
 $\Sigma CDD = 68$
 $\Sigma PCN = 0.01"$

$T_{OAVIS} = 75/67$
 $T_{UAV} = N/A$

$T_d = 17$
 $T_b = 17$

$PCN_{170} = N/A$
 $\Sigma PCN_{170} = N/A$

Saturday, August 6, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	81 °F	Dir.	NNW	Temp	-Dz 0934 - 0948 LT -Dz 1249 - 1258 LT -RA 1544 - 1607 LT		
Min.	62 °F	Vel.	1 m.p.h.	Read.	29.19 in.		
Set	63 °F	Char.	Calm	Corr.	0700	1300	1900
R.H.	83 %	24 hr. Mov.	— mi.	Sea L.	Clds. Ac 7/10 As	Clds.	Clds.
Ppn. Liq.	T in.	Prev. Dir.	—	3 hr. Tend.	Wx Mostly cloudy	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	Vis. ~25 mi.	Vis. mi.	Vis. mi.

$I = .12$
ADD = 0
COD = 7
 Σ ADD = 0
 Σ COD = 75
 Σ PCN = 0.01"

T_{DAVIS} = 64/58
T_{av} = 61/56

T_a = 69
T_w = 61

PCN_{lim} = N/A
 Σ PCN_{ors} = N/A

Sunday, August 7, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SSE	Temp 73 °F			
Min.	63 * °F	Vel. 0 m.p.h.	Read. 29.01 in.			
Set	67 °F	Char. Calm	Corr. 24.89 in.	* overnight low 64		
				0700	1300	1900
R.H.	76 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	Clds. Ac 9/10 Sc	Clds.	Clds. st 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +0.7 mb	Wx Cloudy	Wx	Wx Haze Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. mi.	Vis. ~15 mi.

$$\bar{T} = 73$$

$$HDD = 0$$

$$CDD = 8$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 83$$

$$\Sigma PCN_L = 0.01''$$

$$T_{basis} = 67/62$$

$$T_{wet} = 66/61$$

$$T_{dry} = 67$$

$$T_{wet} = 63$$

$$T_{dew} = 61$$

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

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

Monday, August 8, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SW	Temp 72 °F	0514-0639 LT - RA		
Min. *	67 °F	Vel. 2 m.p.h.	Read. 29.00 in.	0640-0703 LT RA		
Set	69 °F	Char. Light	Corr. 28.88 in.	* Overnight low 69		
R.H.	100 %	24 hr. Mov. - mi.	Sea L. 30.18 in.	Clds. st 10/10	Clds. Sc 9/10 St	Clds. Sc 9/10 St
Ppn. Liq.	0.07 in.	Prev. Dir. -	3 hr. Tend. +5 mb	Wx Fog Light Rain	Wx Fog Cloudy	Wx Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 0.25 mi.	Vis. ~ 15 mi.	Vis. 25 mi.

$$\bar{T} = 76$$

$$HDD = 0$$

$$CDD = 11$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 94$$

$$\Sigma PCN_L = 0.08''$$

$$T_{Davis} = 68 / N/A$$

$$T_{uvv} = 66 / 66$$

$$T_{dy} = 69$$

$$T_{wet} = 69$$

$$T_{dew} = 69$$

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

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

Tuesday, August 9, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. S	Temp 80 °F	Obs - 1253 LT - RA		
Min. *	68 °F	Vel. 2 m.p.h.	Read. 28.95 in.			
Set	70 °F	Char. Light	Corr. 28.81 in.	* low occurred around 9 AM LT		
				0700	1300	1900
R.H.	88 %	24 hr. Mov. - mi.	Sea L. 30.12 in.	Clds. St 10/10 Sc	Clds.	Clds. 9/10 Sc
Ppn. Liq.	0.14 in.	Prev. Dir. -	3 hr. Tend. +.8 mb	Wx Fog Cloudy	Wx	Wx -
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. ~15 mi.	Vis. mi.	Vis. ~20 mi.



$$\bar{T} = 72$$

$$HDD = 0$$

$$CDD = 7$$

$$\sum HDD = 0$$

$$\sum CDD = 101$$

$$\sum PCN_L = 0.22''$$

$$T_{max} = 69/68$$

$$T_{min} = 64/68$$

$$T_{dry} = 70$$

$$T_{wet} = 66$$

$$T_{new} = 67$$

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

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

Wednesday August 10, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
82 °F	SSW	80 °F				
Min.	Vel.	Read.				
66 °F	0 m.p.h.	28.91 in.				
Set	Char.	Corr.				
68 °F	calm	28.78 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds. g	Clds. St	Clds. St	
91 %	— mi.	30.08 in.	10/10 cu	10/10 cu	10/10 St	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.1 - mb	Valley Fog	—	—	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SM	~.5 mi.	~20 mi.	~20 mi.	

$$\begin{aligned}\bar{T} &= 74 \\ CUD &= 9 \\ HDJ &= 0 \\ \sum CUD &= 110 \\ \sum HDJ &= 0 \\ \sum PCNL &= 0.22''\end{aligned}$$

$$\begin{aligned}T_{uv} &= 64/64 \\ T_{davis} &= \end{aligned}$$

$$\begin{aligned}T_w &= 65 \\ T_d &= 65\end{aligned}$$

$$\begin{aligned}PCNL_{TB} &= N/A \\ \sum PCNL_{TB} &= N/A\end{aligned}$$

Thursday August 11, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. WSW	Temp 82 °F	* overnight low 70		
Min.	68 °F	Vel. 4 m.p.h.	Read. 28.89 in.			
Set	71 °F	Char. light	Corr. 28.75 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 1/10 ci	Clds.	Clds. NS 10/10 st
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.1 mb	Wx valley fog	Wx	Wx Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SW	Vis. ~5 mi.	Vis. mi.	Vis. ~10 mi.

$\bar{F} = 78$
CND = 13
HND = 0
 $\Sigma CND = 123$
 $\Sigma HND = 0$
 $\Sigma PCNL = 0.22''$

Davis = 70/67
Tud = 67/64

TW = 67
Td = 65

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

Friday, August 12, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. WSW	Temp 82 °F	28.91 in.	-RA 1349-1358 RA/+RA 1358-1418 -RA 1418-1435		
Min. 68 °F	Vel. 1 m.p.h.	Read.				
Set 69 °F	Char. Calm	Corr. 28.77 in.				
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	0700	1300	1900	
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. +0.3 mb	Clds. Ac 4/10 Cu	Clds.	Clds. Ci 2/10 Cu	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Wx Partly Cloudy/ valley fog	Wx	Wx Partly Cloudy/haze	
			Vis. ~10 mi.	Vis. mi.	Vis. ~10 mi.	

$T = 77$
 $HDD = 0$
 $CDD = 10$
 $\Sigma HDD = 0$
 $\Sigma CDD = 135$
 $\Sigma PCU = 0.34$

$T_{DAVS} = 69/67$
 $T_{UV} =$

$T_w = M$
 $T_d = M$

$PCU_{770} = N/A$
 $\Sigma PCU_{770} = N/A$

Saturday, August 13, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 92 °F	Dir. SW	Temp 84 °F				
Min. 69 * °F	Vel. 0 m.p.h.	Read. 28.84 in.		* NWS State College Data * Orngt Low = 74		
Set 75 °F	Char. Calm	Corr. 28.68 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. St. 1/10	Clds.	Clds. C.	3/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Wx Haze	Wx	Wx	Haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 10 mi.	Vis.	mi.	10 mi.

T = 81
HOB = 0
DO = 16
 $\Sigma HOB = 0$
 $\Sigma DO = 151$
 $\Sigma PCN = 0.34$

T_{DAYS} = N/A
Turn = 75/68

T_d = M
T_w = M

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

Sunday, August 14, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. R^1 95 °F	Dir. *	—	Temp 78 °F	R^1 - REC. MAX (OLD) = 94, 1988 R^2 - TIE REC. MAX MIN (MS)		
Min. R^2 71 °F	Vel. *	0 m.p.h.	Read. 28.78 in.			
Set 72 °F	Char. *	Calm	Corr. 28.65 in.	* NWS State College Data		
				0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. Cu 2/10	Clds.	Clds. St 7/10 ^{sc}	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx Fog Haze	Wx	Wx Mostly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. ~ 4 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 83$$

$$HDD = 0$$

$$CDD = 18$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 169$$

$$\Sigma PCNL = 0.34''$$

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

$$T_{UV} = 70/64$$

$$T_{Ar} = 72$$

$$T_{wet} = 68$$

$$T_{dew} = 66$$

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

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

Monday, August 15, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	Dir. *	Temp		-SHRA 1500 -SHRA 2030					
92 °F	NE	74 °F							
Min.	Vel. *	Read.							
66 °F	9 m.p.h.	28.92 in.							
Set	Char.	Corr.		* NWS State College data					
66 °F	Breezy	28.80 in.							
R.H.	24 hr. Mov.	Sea L.		Clds. Ac	Clds. Cc	Clds. Ac			
80 %	- mi.	30.12 in.		7/10 Cu	7/10 Sc	8/10 As			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx	Wx	Wx			
T in.	-	+1.3 mb		Mostly Cloudy	Drizzle	Mostly Cloudy			
Ppn. Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.			
6.0 in.	0 in.	SBS		25 mi.	25 mi.	25 mi.			

$$\bar{T} = 79$$

$$HDD = 0$$

$$CDD = 14$$

$$\sum HDD = 0$$

$$\sum CDD = 143$$

$$\sum PCN_L = 0.34''$$

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

$$T_{min} = 66/61$$

$$T_{dry} = 66$$

$$T_{wet} = 63$$

$$T_{dew} = 61$$

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

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

Tuesday, August 16, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	Dir. **	Temp	73 °F			• - RA 0433-0503 LT - RA 0554-0653 LT RA 0654-obs LT * Overnight low 67 ** NWS State College data		
80 °F	—	°F						
Min. *	Vel. **	Read.	28.93 in.					
66 °F	0 m.p.h.							
Set	Char. **	Corr.	28.81 in.					
67 °F	Calm							
R.H.	24 hr. Mov.	Sea L.	Clds. St		Clds. St	Clds. Ci		
100 %	— mi.	30.12 in.	10/10		10/10	6/10 St		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx Fog		Wx Fog	Wx		
0.06 in.	—	+0.3mb	Moderate Rain		Light Rain	Partly Cloudy		
Ppn. Sol.	Snow Depth	Observer	Vis.		Vis.	Vis.		
0.0 in.	0 in.	SBS	~2 mi.		~2 mi.	~20 mi.		

T = 73
HDD = 0
CDD = 8
 $\Sigma HDD = 0$
 $\Sigma CDD = 79.7$
 $\Sigma PCN_L = 0.40''$

$T_{Davis} = N/A$
 $T_{unv} = 64/64$

$T_{Ar} = 67$
 $T_{W} = 67$
 $T_{Acw} = 67$

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

Wednesday, August 17, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-RA obs-0957 LT RA 0958-1012 LT + RA 1013-1053 LT RA 1054-12 1239 LT -RA 1240-1457 LT			
69 °F	W	72 °F				
Min.	Vel.	Read.				
60 °F	2 m.p.h.	28.87 in.				
Set	Char.	Corr.	0700	1300	1900	
60 °F	Light	28.75 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. Clear	Clds.	Clds. Cu	
91 %	— mi.	30.08 in.	0/10 Fog		2/10 Cs	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx Mostly	
0.55 in.	—	+0.7 mb	Fog		Sunny	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SBS	~ 3 mi.	mi.	25 mi.	

$$\bar{T} = 65$$

$$HDB = 0$$

$$CDB = 0$$

$$\Sigma HDB = 0$$

$$\Sigma CDB = 191$$

$$\Sigma PCNL = 0.15''$$

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

$$T_{uv} = 59/59$$

$$T_{avg} = 60$$

$$T_{act} = 59$$

$$T_{acw} = 58$$

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

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

Thursday, August 18, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. SW	Temp 74 °F			
Min.	58 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set	60 °F	Char. Calm	Corr. 28.82 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. Ci 5/10	Clds. —	Clds. Ac 3/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Partly Sunny	Wx —	Wx Partly Sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. -20 mi.	Vis. mi.	Vis. 25 mi.

$$T = 70$$

$$HDD = 0$$

$$CDD = 5$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 196$$

$$\Sigma PCN = 0.95''$$

$$T_{DAVIS} = 64/58$$

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

$$T_s = 17$$

$$T_w = 17$$

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

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

Friday, August 19, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. ESE	Temp 73 °F		-RA 0239-0321 LT -Dz 0642-08		
Min. 60* °F	Vel. 1 m.p.h.	Read. 28.87 in.		RA/RA 0321-0343 -RA 0343-0428 -TSRA 0428-0459 -RA 0459-0518 -TSRA 0518-0642 *Cvngt Low = 68°F		
Set 68 °F	Char. Calm	Corr. 28.74 in.		0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.05 in.		Clds. ^{us} 10/10	Clds. ^{us} 10/10	Clds. st 10/10
Ppn. Liq. 0.53 in.	Prev. Dir. ←	3 hr. Tend. +0.4 mb		Wx Light Drizzle	Wx Cloudy	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS		Vis. ~ 4 mi.	Vis. ~ 4 mi.	Vis. ~ 4 mi.

$I = 12$
 $HDD = 0$
 $CDD = 7$
 $\Sigma HDD = 0$
 $\Sigma CDD = 203$
 $\Sigma PCN = 1.48$

$T_{DAVIS} = 68/66$
 $T_{ANN} = 66/66$

$T_d = NA$
 $T_w = NA$

$PCN_{ITS} = NA$
 $\Sigma PCN_{ITS} = NA$

Saturday, August 20, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. SW	Temp 72 °F	-02 OBS - 1400 LT		
Min.	67 °F	Vel. 1 m.p.h.	Read. 28.85 in.			
Set	70 °F	Char. Calm	Corr. 28.73 in.			
R.H.	100 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	0700 Clds. $\frac{10}{10}$ $\frac{4}{13}$	1300 Clds.	1900 Clds. 10/10 NS
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +0.7 mb	Wx Cloudy	Wx	Wx -DA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~3.5 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 69$
 $HDO = 0$
 $CDD = 4$
 $\Sigma HDO = 0$
 $\Sigma CDD = 207$
 $\Sigma PCN_L = 1.48''$

$T_{DAVIS} = 69/69$
 $T_{WV} = 70/68$

$T_d = M$
 $T_w = M$

$PCN_{WV} = \frac{1}{A}$
 $\Sigma PCN_{WV} = \frac{1}{A}$

Sunday, August 21, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F	Dir. SW	Temp 72 °F	-RA 1959-2125 LT			
Min. * 70 °F	Vel. 4 m.p.h.	Read. 28.77 in.				
Set 73 °F	Char. Light: Variable	Corr. 28.65 in.	* overnight low: 73			
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. Sc 8/10	Clds. 1300	Clds. 1900	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +0.3mb	Wx Haze Mostly cloudy	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. ~15 mi.	Vis. mi.	Vis. mi.	

$T = 71$
 $HDD = 0$
 $CDD = 14$
 $\Sigma HDD = 0$
 $\Sigma CDD = 221$
 $\Sigma PCNL = 1.50''$

$T_{Davis} = N/A$
 $T_{unv} = 73/70$

$T_{dry} = 73$
 $T_{wet} = 70$
 $T_{dew} = 69$



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

Monday, August 22, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F		Dir. SSW	Temp 72 °F			
Min. 63 °F		Vel. 1 m.p.h.	Read. 28.74 in.			
Set 64 °F		Char. Light: Variable	Corr. 28.62 in.	0700	1300	1900
R.H. 76 %		24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. c: 1/10	Clds. cu 6/10	Clds. ci 1/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx Mostly Sunny	Wx Partly Sunny	Wx Mostly Clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 74$$

$$HDD = 0$$

$$CDD = 9$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 230$$

$$\Sigma PCNL = 1.50''$$

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

$$T_{min} = 66/57$$

$$T_{dry} = 64$$

$$T_{wet} = 60$$

$$T_{dew} = 58$$

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

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

Tuesday, August 23, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. W	Temp 76 °F			
Min.	54 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set	56 °F	Char. Calm	Corr. 28.72 in.	0700	1300	1900
R.H.	67 %	24 hr. Mov. - mi.	Sea L. 30.07 in.	Clds. Cs 2/10	Clds. cu 7/10	Clds. Cs 3/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. / +1.5mb	Wx Mostly Sunny	Wx Partly Sunny	Wx Mostly Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SRS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 66$$

$$HDD = 0$$

$$COD = 1$$

$$\Sigma HDD = 0$$

$$\Sigma COD = 231$$

$$\Sigma PCN_L = 1,50''$$

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

$$T_{UVV} = 54/54$$

$$T_{dry} = 51$$

$$T_{wet} = 47$$

$$T_{dew} = 43$$

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

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

Wednesday, August 24, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	75 °F	Dir.	N	Temp	80 °F		
Min. *	56 °F	Vel.	3 m.p.h.	Read.	29.00 in.		
Set	59 °F	Char.	Light ? Variable	Corr.	28.86 in.		
R.H.	91 %	24 hr. Mov.	- mi.	Sea L.	30.19 in.		
Ppn. Liq.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	+1.2 mb		
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	SBS		
				*overnight low: 58			
				0700	1300	1900	
				Clds. Cs	Clds. Cu	Clds. Ci	
				3/10 Ci	7/10	1/10	
				Wx	Wx	Wx	
				Mostly Sunny	Partly Cloudy	Clear	
				Vis.	Vis.	Vis.	
				25 mi.	25 mi.	25 mi.	

$$\bar{T} = 66$$

$$HDD = 0$$

$$CDD = 1$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 232$$

$$\Sigma PCN_L = 1.50''$$

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

$$T_{WV} = 57/54$$

$$T_{dry} = 59$$

$$T_{wet} = 58$$

$$T_{dew} = 57$$

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

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

Thursday, August 25, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F		Dir. E	Temp 80 °F			
Min. 54 °F		Vel. 1 m.p.h.	Read. 29.16 in.			
Set 56 °F		Char. Calm	Corr. 29.02 in.	0700	1300	1900
R.H. 81 %		24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. c 4/10	Clds. c 6/10	Clds. c 9/10 Ac
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. /+0.6 mb	Wx Mostly Sunny	Wx Partly Sunny	Wx Mostly Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T = 66
HDD = 0
CDD = 1
 $\Sigma \#DD = 0$
 $\Sigma CDD = 233$
 $\Sigma PCN = 1.50$

T_{DAVIS} = 59/53
T_{NEW} = 55/54

T_d = 11
T_w = 11

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

Friday, August 26, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. ESE	Temp 81 °F				
Min. 56* °F	Vel. 3 m.p.h.	Read. 29.00 in.				
Set 61 °F	Char. Light + Variable	Corr. 28.86 in.	* Convrt low = 60°F			
			0700	1300	1900	
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. Ci 7/10 Cs	Clds. As 10/10 Sc	Clds. Ac 9/10 Cs	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.3 mb	Wx Partly Cloudy	Wx Cloudy	Wx Mostly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~20 mi.	Vis. ~20 mi.	Vis. 25 mi.	

$\bar{T} = 69$
 $HDD = 0$
 $CDD = 4$
 $\Sigma HDD = 0$
 $\Sigma CDD = 237$
 $\Sigma PCN_L = 1.50''$

$T_{DAVIS} = 62/58$
 $T_{UNV} = 61/57$

$T_d = M$
 $T_w = M$

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

Saturday, August 27, 2005 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F		Dir. S	Temp 74 °F	- Dz 1300-1330 LT + obs		
Min. 61* °F		Vel. 3 m.p.h.	Read. 28.84 in.			
Set 65 °F		Char. Light	Corr. 28.72 in.	# Ornat low = 65°F		
				0700	1300	1900
R.H. 82 %		24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. N ₅ 10/10	Clds.	Clds. 10/10 S*
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. V -0.2 mb	Wx Cloudy w/ sprinkles	Wx	Wx
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~ 15 mi.	Vis. mi.	Vis. 20 mi.

$T = 69$
 $HDD = 0$
 $CDD = 4$
 $\Sigma HDD = 0$
 $\Sigma CDD = 241$
 $\Sigma PCN_i = 1.50''$

$T_{DAVIS} = 65/60$
 $T_{OW} = 64/57$

$T_s = M$
 $T_w = M$

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

Sunday, 28 August, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	1230-1715LT: Frequent drizzle (sprinkles), occasional -RA SH			
68 °F	-	72.5 °F	2100-345LT: Frequent DL, with -RA			
Min.	Vel.	Read.	2110-2315; -RA SH/RASH 2325-2335			
63* °F	0 m.p.h.	28.83 in.	-RASH/RASH 245-345.			
Set	Char.	Corr.	*Overnight low = 64°			
65 °F	calm	28.61 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
100 %	- mi.	29.92 in.	$\frac{10}{10}$ St. Sc		$\frac{6}{10}$ St, Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx Some haze at ridge bases	
0.15 in.	-	+1.2 mb	Overcast			
Ppn. Sol.	Snow Depth	Observer	Vis. 5 to SSW	Vis.	Vis.	
0.0 in.	0 in.	AGM	otherwise 3 mi.	mi.	10 mi.	

$\bar{T} = 66$

CDD = 1

$\Sigma CDD = 242$

$\Sigma HDD = 0$

$\Sigma PCN_L = 1.65''$

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

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

$T_D = 64.5^\circ$

$T_W = 64.5^\circ$

$PCN_{LTB} = 0.00''$

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

Monday, 29 August, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. East	Temp 73 °F			
Min.	65 °F	Vel. 2 m.p.h.	Read. 28.87 in.			
Set	66 °F	Char. steady	Corr. 28.75 in.			
R.H.	100 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	0700 Clds. 10/10 St	1300 Clds. 10/10 St, Sc	1900 Clds. WS 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Overcast	Wx 0 ENL-DL	Wx Light Rain
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. fog/cloud deck obscurng 2 mi. all mtz	Vis. 3 mi.	Vis. ~1 mi.

$\bar{T} = 73$
CDD = 8

$T_{DAVIS} = 66/66$
 $T_{UNV} = 66/66$

$T_W = 66$
 $T_D = 66$

$\Sigma CDD = 250$
 $\Sigma PCNL = 1.65''$

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

Tuesday 30 AUGUST, 2005

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. var	Temp 74 °F	*OVRT LOW 71° -SHRA ≈ 1530 LT -RA OCCURRA 2000-2330LT OCC -RA 0540 LT-OBS			
Min. 66* °F	Vel. 2 m.p.h.	Read. 28.77 in.				
Set 71 °F	Char. light	Corr. 28.64 in.		0700	1300	1900
R.H. 95 %	24 hr. Mov. - mi.	Sea L. 29.94 in.	Clds. 10/10 NS	Clds. 10/10 SC	Clds. 10/10 NS	
Ppn. Liq. 0.11 in.	Prev. Dir. -	3 hr. Tend. +0.2 mb	Wx -RA, FG	Wx FG	Wx -RA, FG	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJP	Vis. 5 mi.	Vis. 5 mi.	Vis. 5 mi.	

$$\bar{T} = 71$$

$$ODD = 6$$

$$\Sigma ODD = 256$$

$$\Sigma PCN_i = 1.76''$$

$$T_{\text{Davis}} = 70^\circ/70^\circ$$

$$T_{\text{UNV}} = 70^\circ/70^\circ$$

$$T_w = 70$$

$$T_D = 69.5$$

Wednesday, August 31, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. SW	Temp 74 °F		RA - RA obs - 1023 LT - SHRA 0434 - - RA 1054 - 1211 LT 0454 LT - SHRA 1502 - 1549 LT SHRA 0624 - obs OCLL - SHRA 1854 - 1938 LT - SHRA 0030 - 0107 LT RA, OCLL TSRA 0120 - 0256 LT		
Min. 71 * °F	Vel. 7 m.p.h.	Read. 28.36 in.		R: record daily rainfall (previous 1.07" in Aug)		
Set 73 °F	Char. Breezy	Corr. 28.23 in.		0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.50 in.		Clds. NS 10/10	Clds. ST 10/10	Clds. 10/10 AS CU
Ppn. Liq. 1.24 R in.	Prev. Dir. —	3 hr. Tend. — +0.0mb		Wx RA, FG	Wx Cloudy RA, FG	Wx hazy ss/ cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS		Vis. 3 mi.	Vis. 25 mi.	Vis. 10 mi.

$$\bar{T} = 74$$

$$HDD = 0$$

$$CDD = 9$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 265$$

$$\Sigma PCN_{L} = 3.00''$$

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

$$T_{unv} = 73/73$$

$$T_{dry} = 73$$

$$T_{wet} = 73$$

$$T_{ave} = 73$$

AUGUST TEMPS.

$$\bar{T}_{MAX} = 82.3$$

$$\bar{T}_{MIN} = 64.4$$

$$\bar{T}_{ME} = 73.32$$

*overnight low 72

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

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