

Friday July 1, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.			Dir.		Temp				
88	°F		WSW		73	°F			
Min.			Vel.		Read.				
68	°F		1 m.p.h.		28.66	in.			
Set			Char.		Corr.				
69	°F		calm		28.54	in.	0700	1300	1900
R.H.			24 hr. Mov.		Sea L.	Clds. s	Clds. cu	Clds. cu	
82	%		— mi.		29.84	in.	1/10	3/10	10/10
Ppn. Liq.			Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
0.00	in.		—		— mb	Valley Fog	—	—	
Ppn. Sol.			Snow Depth		Observer	Vis.	Vis.	Vis.	
0.0	in.		0 in.		SWL	~15 mi.	25 mi.	25 mi.	

$\bar{T} = 98$   
COB = 13  
HDB = 0  
 $\sum COB = 13$   
 $\sum HDB = 0$   
 $\sum PCPL = 0.00''$

$T_{unv} = 08/04$   
 $T_{davis} = 09/05$

$T_w = 05$   
 $T_d = 03$

PCNLTB = N/A  
 $\sum PCNLTB = N/A$

Saturday July 2, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. N	Temp 73 °F			
Min.	62 °F	Vel. 2 m.p.h.	Read. 29.74 in.			
Set	64 °F	Char. light	Corr. 29.62 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. <sup>sc</sup> 5/10 cu	Clds.	Clds. <sup>cs</sup> V/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.9 mb	Wx —	Wx	Wx Sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SEM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 72$   
CDD = 7  
HDD = 0  
 $\sum CDD = 70$   
 $\sum HDD = 0$   
 $\sum PCUL = 0.00''$

$T_{Davis} = 65/60$   
 $T_{ANV} = 64/55$

$T_w = 59$   
 $T_e = 56$

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

Sunday July 3, 2005 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. NE	Temp 72 °F			
Min.	56 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set	59 °F	Char. calm	Corr. 28.80 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. ci 4/10 ci	Clds.	Clds. cu 6/10 Sc
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.3 mb	Wx —	Wx	Wx Partly Sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 25 mi.	Vis. mi.	Vis. ~20 mi.

$$\begin{aligned}\bar{T} &= 6.7 \\ CDD &= 2 \\ HDD &= 0 \\ \Sigma CDD &= 2.2 \\ \Sigma HDD &= 6 \\ \Sigma PCAL &= 0.60''\end{aligned}$$

$$\begin{aligned}T_{\text{auss}} &= 61/54 \\ T_{\text{uv}} &= 59/56\end{aligned}$$

$$\begin{aligned}T_w &= 55 \\ T_d &= 52\end{aligned}$$

$$\begin{aligned}PCAL_{\text{ms}} &= \text{N/A} \\ \Sigma PCAL_{\text{ms}} &= \text{N/A}\end{aligned}$$

Monday, July 4, 2005 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. SSW	Temp 75 °F			
Min.	59 °F	Vel. 3 m.p.h.	Read. 28.98 in.			
Set	70 °F	Char. Light and variable	Corr. 28.85 in.	* overnight low: 70		
R.H.	61 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. +.4 mb	Clds. Cu 5/10 AC	Clds.	Clds. Ac 4/10 Cu
Ppn.	0 in.	Snow Depth	Observer	Wx Partly Cloudy	Wx	Wx Heavy Partly Cloudy
Ppn.	0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis.	Vis. ~15 mi.

$$\bar{T} = 70$$

$$HDD = 0$$

$$CDD = 5$$

$$\sum HDD = 0$$

$$\sum CDD = 27$$

$$\sum PCN_L = 0.00''$$

$$T_{max} = 69/62$$

$$T_{min} = 68/61$$

$$T_{dry} = 70$$

$$T_{wet} = 63$$

$$T_{low} = 59$$

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

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



Tuesday, July 5, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SSW	Temp 76 °F				
Min. 70 °F	Vel. 1 m.p.h.	Read. 28.84 in.				
Set 74 °F	Char. Light	Corr. 28.71 in.	* Overnight low: 74			
			0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. Cc 6/10 St	Clds.	Clds. St 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +0 mb	Wx Partly Sunny	Wx	Wx -DZ	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SBS	Vis. ~15 mi.	Vis. mi.	Vis. ~15 mi.	

$$\bar{T} = 78$$

$$HDB = 0$$

$$COD = 13$$

$$\sum HDB = 0$$

$$\sum COD = 40$$

$$\sum PCN_L = 0.00^u$$

$$T_{DWS} = 73/70$$

$$T_{WV} = 72/70$$

$$T_{dry} = 74$$

$$T_{wet} = 69$$

$$T_{den} = 67$$

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

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

Wednesday July 6, 2005 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. W	Temp 76 °F		1820-1830 LT TS 1830-1905 LT TSPRA 1905-1935 LT SHRA 1935-2005 LT -SHRA 2005-2030 LT -DZ		
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.80 in.				
Set 67 °F	Char. Calm	Corr. 28.67 in.		0700	1300	1900
R.H. 96% %	24 hr. Mov. - mi.	Sea L. 29.97 in.	Clds. <sup>st</sup> 10/10 cu	Clds. cu 10/10	Clds. cu 6/10 cu	
Ppn. Liq. 0.32 in.	Prev. Dir. -	3 hr. Tend. +.8 mb	Wx valley fog	Wx -	Wx -	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SUM	Vis. ~10 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 74$   
 $CAD = 9$   
 $HDD = 0$   
 $\sum CAD = 49$   
 $\sum HDD = 0$   
 $\sum PCWL = 0.32'$

$\bar{C}AD = N/A$   
 $\bar{T}URV = 64/64$

$\bar{T}W = 6e6$   
 $\bar{T}d = 6e6$

$PCWL_{ms} = N/A$   
 $\sum PCWL_{ms} = N/A$

Thursday July 7, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. N		Temp 73 °F	1440 - 1450 LT SARA		
Min. 63 °F	Vel. 0 m.p.h.		Read. 28.92 in.			
Set 65 °F	Char. calm		Corr. 28.79 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. - mi.		Sea L. 30.11 in.	Clds. 8/10 cu	Clds.	Clds. 6/10 St.
Ppn. Liq. T in.	Prev. Dir. -		3 hr. Tend. +0.6 - mb	Wx dense Valley Fog	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.		Observer Sun	Vis. ~15 mi.	Vis. mi.	Vis. ~20 mi.

$\bar{T} = 71$   
 $L_{100} = 6$   
 $H_{100} = 0$   
 $\Sigma L_{100} = 55$   
 $\Sigma H_{100} = 0$   
 $\Sigma PCNL = 0.32''$

$T_{unv} = 64/63$   
 $T_{davis} = 106/64$

$T_{us} = 63$   
 $T_d = 62$

$PCNL_{TB} = N/A$

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

Friday, July 8, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F		Dir. ENE	Temp 73 °F	-RA 2000-2015 LT +RA 2015-2043 LT 75 -RA/RA 2043-2044 LT -RA 2048-0093 LT -RA/RA 0033-0035 LT		
Min. 64 °F		Vel. 3 m.p.h.	Read. 28.82 in.			
Set. 65 °F		Char. Light	Corr. 28.69 in.			
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 0700 10/10 St.	Clds. 1300	Clds. 1900 C3 10/10 St	
Ppn. Liq. 0.41 in.	Prev. Dir. —	3 hr. Tend. ✓ +0.8 mb	Wx Light Rain	Wx	Wx Partly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~5 mi.	Vis. mi.	Vis. ~25 mi.	



T = 71  
HDD = 0  
CDD = 6  
 $\Sigma$ HDD = 0  
 $\Sigma$ CDD = 61  
 $\Sigma$ PCN<sub>h</sub> = 0.73"

T<sub>DAMES</sub> = 64/64  
T<sub>UW</sub> = 64/64

T<sub>B</sub> = 17  
T<sub>G</sub> = 17

PCN<sub>iso</sub> = N/A  
 $\Sigma$ PCN<sub>iso</sub> = N/A



Fri Sat, July 9, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F		Dir. SW	Temp 73 °F	-RA OBS -0810 -RA 0943-1459		
Min. 59 °F		Vel. 2 m.p.h.	Read. 28.90 in.			
Set 61 °F		Char. Light + Variable	Corr. 28.77 in.	0700	1300	1900
R.H. 96 %		24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. Ci 9/10	Clds.	Clds. Ci 2/10
Ppn. Liq. 0.22 in.		Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Mostly Sunny	Wx	Wx Mostly Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 6.5$   
HDD = 0  
CDD = 0  
 $\Sigma \text{HDD} = 0$   
 $\Sigma \text{CDD} = 61$   
 $\Sigma \text{PCN}_{\text{LTS}} = 0.95''$

$T_{\text{OAMS}} = 62/62$   
 $T_{\text{UNY}} = 61/61$

$T_i = 17$   
 $T_w = 117$

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

Sunday, July 10, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. WSW	Temp 72 °F			
Min.	61 °F	Vel. 3 m.p.h.	Read. 29.00 in.			
Set	65 °F	Char. Light and variable	Corr. 28.88 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. c; 2/10	Clds.	Clds. c; 3/10
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. / +1.3 mb	Wx Mostly Sunny	Wx	Wx Mostly Sunny
Ppn.	0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis.	25 mi.

$$\begin{aligned}\bar{T} &= 71 \\ \text{HDD} &= 0 \\ \text{CDD} &= 6 \\ \Sigma \text{HDD} &= 0 \\ \Sigma \text{CDD} &= 67 \\ \Sigma \text{PCN}_L &= 0.95''\end{aligned}$$

$$\begin{aligned}T_{\text{Davis}} &= 65/59 \\ T_{\text{UNV}} &= 64/57\end{aligned}$$

$$\begin{aligned}T_{\text{dry}} &= 65 \\ T_{\text{wet}} &= 59 \\ T_{\text{dew}} &= 55\end{aligned}$$

$$\begin{aligned}\text{PCN}_{\text{LTD}} &= \text{N/A} \\ \Sigma \text{PCN}_{\text{LTD}} &= \text{N/A}\end{aligned}$$

Monday, July 11, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.			Dir.		Temp				
86	°F		W		73	°F			
Min.			Vel.		Read.				
61	°F		0	m.p.h.	28.96	in.			
Set			Char.		Corr.				
65	°F		Calm		28.84	in.	0700	1300	1900
R.H.			24 hr. Mov.		Sea L.		Clds. c:	Clds. c:	Clds. c:
76	%		—	mi.	30.17	in.	5/10	6/10	6/10
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
0	in.		—		+0.9 mb		Partly cloudy	Partly cloudy	Partly cloudy
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
0	in.		0	in.	SBS		25	mi.	25
							25	mi.	25
							25	mi.	25

$$\bar{T} = 74$$

$$HDD = 0$$

$$CDD = 9$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 76$$

$$\Sigma PCN_L = 0.95''$$

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

$$T_{\text{uv}} = 64/57$$

$$T_{\text{dry}} = 65$$

$$T_{\text{wet}} = 61$$

$$T_{\text{dew}} = 59$$

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

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

Tuesday, July 12, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	88 °F	Dir. WSW	Temp 73 °F			
Min. *	65 °F	Vel. 0 m.p.h.	Read. 28.92 in.			
Set	69 °F	Char. Calm	Corr. 28.80 in.	* overnight low: 66		
				0700	1300	1900
R.H.	70 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. C: 5/10	Clds. Cu 6/10	Clds.
Ppn. Liq.	0 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Wx Haze Partly Cloudy	Wx Haze Partly Cloudy	Wx
Ppn. Sol.	0 in.	Snow Depth — in.	Observer SBS	Vis. ~20 mi.	Vis. ~15 mi.	Vis. mi.

$$\bar{T} = 77$$

$$HDD = 0$$

$$CDD = 12$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 88$$

$$\Sigma PCN_L = 0.95''$$

$$T_{Davis} = 69/65$$

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

$$T = 69$$

$$T_{wet} = 64$$

$$T_{dew} = 61$$

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

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



Wednesday, July 13, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	91 °F	Dir. ** NNE	Temp ** 75 °F			
Min.	69 °F	Vel. ** 1 m.p.h.	Read. ** 28.85 in.	* overnight low 73 ** taken at 1100 LT		
Set	74 °F	Char. ** Light and Variable	Corr. ** 28.72 in.	0700	1300	1900
R.H. **	75 %	24 hr. Mov. — mi.	Sea L. ** 30.00 in.	Clds. 5/10 Ci	Clds. 5/10 Ci	Clds.
Ppn. Liq. in.	0	Prev. Dir. —	3 hr. Tend. — +0 ** mb	Wx HAZE	Wx HAZE	Wx
Ppn. Sol. in.	0	Snow Depth 0 in.	Observer SBS	Vis. 15 mi.	Vis. 10 mi.	Vis. mi.

$\bar{T} = 80$   
 $HDD = 0$   
 $CDD = 15$   
 $\Sigma HDD = 0$   
 $\Sigma CDD = 103$   
 $\Sigma PEN_L = 0.95''$

$T_{Davis} = 73/71$   
 $T_{uwv} = 72/70$

\*\*  
 $T = 80$   
 $T_{wet} = 75$   
 $T_{dew} = 73$

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

Thursday, July 14, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 90 °F		Dir. ENE	Temp 80 °F			
Min. 69 °F		Vel. 1 m.p.h.	Read. 28.83 in.			
Set 71 °F		Char. Light	Corr. 28.69 in.	0700	1300	1900
R.H. 96 %		24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. <sup>ps</sup> 10/10 <sup>st</sup>	Clds.	Clds.
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Cloudy	Wx	Wx
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 10 mi.	Vis. mi.	Vis. mi.

$$T = 80$$

$$HDD = 0$$

$$CDD = 15$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 1.18$$

$$\Sigma PCN_{LTB} = 0.95''$$

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

$$T_{W} = 68/68$$

$$T_d = M$$

$$T_w = M$$

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

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

Friday, July 15, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. NE	Temp 83 °F	- SHRA 1620 - 1730LT			
Min. * 71 °F	Vel. 2 m.p.h.	Read. 28.90 in.				
Set 73 °F	Char. Light	Corr. 28.75 in.	* Overht Low - 72°F			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. <sup>W<sub>s</sub></sup> <sub>10</sub> St:	Clds.	Clds. Ci <sup>4</sup> / <sub>10</sub> Cs	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Sprinkles	Wx	Wx Partly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~4 mi.	Vis. mi.	Vis. ~15 mi.	

$T = 78$   
 $HDD = 0$   
 $\Sigma HDD = 13$   
 $2HDD = 0$   
 $\Sigma HDD = 131$   
 $\Sigma PCN = 0.99''$

$T_{DAVIS} = 73/71$   
 $T_{UVV} = 72/70$

$T_g = M$   
 $T_w = M$

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



Saturday, July 16, 2005 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F		Dir. SSE	Temp 74 °F	-DZ OBS - 0830		
Min. 73 * °F		Vel. 3 m.p.h.	Read. 28.93 in.	A RECORD MAX MIN (old = 73, 1955)		
Set 75 °F		Char. Light	Corr. 28.80 in.	* Omit Low = 74°		
				0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. St 10/10 N5	Clds.	Clds. Sc 9/10
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. +0.9 mb	Wx Haze	Wx	Wx Fog Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~ 3 mi.	Vis. mi.	Vis. ~ 7 mi.

$\bar{T} = 78$   
HDD = 0  
CDD = 13  
 $\Sigma HDD = 0$   
 $\Sigma CDD = 144$   
 $\Sigma PCNL = 0.99''$

$\bar{T}_{DAVIS} = 74/73$   
 $\bar{T}_{CW} = 73/72$

$T_d = 77$   
 $T_w = 77$

PCN<sub>UB</sub> = N/A  
 $\Sigma PCN_{UB} = N/A$



Sunday, July 17, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F	Dir. N	Temp 82 °F		-TSRA 1314-1430 -RA 1615-1643 RA/+RA 2104-2235 -RA 0324-0438		
Min. 71 °F	Vel. 1 m.p.h.	Read. 28.94 in.				
Set 72 °F	Char. Light	Corr. 28.80 in.		0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. St. 10/10	Clds.	Clds. Ci 8/16 St	
Ppn. Liq. 1.02 in.	Prev. Dir. —	3 hr. Tend. +0.7 mb	Wx Haze	Wx	Wx Fog Mostly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~3 mi.	Vis.	Vis. mi.	~15 mi.

$\bar{T} = 79$   
HDD = 0  
CDD = 14  
 $\Sigma HDD = 0$   
 $\Sigma CDD = 158$   
 $\Sigma PCN_L = 2.0 \text{ A}$

$T_{DAVIS} = 71/71$   
 $T_{W} = N/A$

$T_d = M$   
 $T_w = M$

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

Monday, July 16, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SSW	Temp 74 °F	Δ RECOLD. MAX MIN (71, 1968) 1318-1322 LT - TSRA 1735-1744 - RA 1323-1326 LT TSRA 1327-1343 LT + TSRA 1426-1500 - RA		
Min.	72 °F	Vel. 3 m.p.h.	Read. 28.88 in.			
Set	74 °F	Char. Light? Variable	Corr. 28.76 in.	0700	1300	1900
R.H.	96 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. C; 1/10	Clds. CU 6/10 CC	Clds.
Ppn. Liq.	0.02 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx Haze	Wx Haze Partly Cloudy	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer SBS	Vis. ~3 mi.	Vis. ~4 mi.	Vis. mi.

$$\bar{T} = 79$$

$$HDD = 0$$

$$CDD = 14$$

$$\sum HDD = 0$$

$$\sum CDD = 172$$

$$\sum PCN_L = 2.04''$$

$$T_{Davis} = 74/73$$

$$T_{uvv} = 73/72$$

$$T = 74$$

$$T_w = 73$$

$$T_{dev} = 73$$

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

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

Tuesday, July 19, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	87 °F	Dir.	W	Temp	79 °F	▲ 7763 RECORD MAX MIN (1942)		
Min.	73 °F	Vel.	N/A m.p.h.	Read.	28.84 in.			
Set	76 °F	Char.	Light	Corr.	28.70 in.	0700	1300	1900
R.H.	74 %	24 hr. Mov.	— mi.	Sea L.	29.99 in.	Clds. Ci 6/10 Cu Cc	Clds. Cu 5/10	Clds. Sc 3/0
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+1 mb	Wx Haze Partly Cloudy	Wx Haze Partly Cloudy	Wx Haze
Ppn.	0 in.	Snow Depth	0 in.	Observer	SBS	Vis. ~20 mi.	Vis. ~15 mi.	Vis. 20 mi.



$$\begin{aligned}\bar{T} &= 80 \\ HOD &= 0 \\ COD &= 15 \\ \sum HOD &= 0 \\ \sum COD &= 187 \\ \sum PCN_L &= 2.04''\end{aligned}$$

$$\begin{aligned}T_{Davis} &= N/A \\ T_{uvv} &= 77/72\end{aligned}$$

$$\begin{aligned}T &= 76 \\ T_{wet} &= 71 \\ T_{dew} &= 69\end{aligned}$$

$$\begin{aligned}PCN_{LTR} &= N/A \\ \sum PCN_{LTR} &= N/A\end{aligned}$$

Wednesday July 20, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
86 °F	SW	74 °F				
Min.	Vel.	Read.				
66 °F	0 m.p.h.	28.93 in.				
Set	Char.	Corr.				
68 °F	calm	28.81 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
87 %	— mi.	30.13 in.	0/10	12/10 cu	3/10 cu	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	4.1 / mb	Haze	—	—	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SLM	20 mi.	25 mi.	25 mi.	

$$\bar{F} = 76$$

$$CDD = 11$$

$$HDD = 0$$

$$\Sigma CDD = 198$$

$$\Sigma HDD = 0$$

$$\Sigma PCSE = 2.04''$$

$$T_{avg} = 66/64$$

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

$$T_{25} = 65$$

$$T_d = 64$$

$$PCNL_m = N/A$$

$$\Sigma PCNL_B = N/A$$



Thursday July 21, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. W	Temp 74 °F			
Min.	66 °F	Vel. 0 m.p.h.	Read. 29.90 in.			
Set	68 °F	Char. Calm	Corr. 29.78 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov. - mi.	Sea L. 30.04 in.	Clds. cu 2/10 ci	Clds.	Clds. ci 9/10 cu
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +.9 - mb	Wx Valley Fog	Wx	Wx Partly Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SM	Vis. ~17 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 75$   
HDD = 0  
CDD = 10  
 $\Sigma$  HDD = 0  
 $\Sigma$  CDD = 209  
 $\Sigma$  PCNL = 2.04"

$\bar{T}_{RAD} = 64/63$   
 $\bar{T}_{CAL} = 67/64$

$\bar{T}_W = 65$   
 $\bar{T}_d = 63$

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

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

Friday, July 22, 2005 0700 EST

Temp.			Wind			Barom.			General Obs.		
Max.	83 °F		Dir.	WSW		Temp	73 °F		-RA 1234-1408 LT RA/+RA 1408-1435 LT -RA 1435-1452 LT		
Min.	67 °F		Vel.	1 m.p.h.		Read.	28.84 in.				
Set	70 °F		Char.	Calm		Corr.	28.72 in.		0700	1300	1900
R.H.	100 %		24 hr. Mov.	— mi.		Sea L.	30.01 in.		Clds. As 7/10 Ac	Clds.	Clds. Sc 8/10 As
Ppn. Liq.	0.04 in.		Prev. Dir.			3 hr. Tend.	↑ +0.4 mb		Wx Mostly Cloudy	Wx	Wx Mostly Cloudy
Ppn. Sol.	00 in.		Snow Depth	0 in.		Observer	MLS		Vis.	Vis.	Vis.
									~10 mi.	mi.	~15 mi.



$T = 75$   
 $HDD = 0$   
 $CDD = 10$   
 $\Sigma HDD = 0$   
 $\Sigma CDD = 218$   
 $\Sigma PCN = 2.08''$

$T_{DAVIS} = 70/70$   
 $T_{UVV} = 68/68$

$T_w = 197$   
 $T_d = 171$

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

Saturday, July 23, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F		Dir. N	Temp 73 °F	-RA 1826 - 1844 LT -RA 1954 - 2005 LT		
Min. 67 °F		Vel. 9 m.p.h.	Read. 28.95 in.			
Set 68 °F		Char. Breezy	Corr. 28.82 in.			
R.H. 85 %		24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. Cu 2/10	Clds.	Clds. ci 4/10
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. /+1.2mb	Wx Mostly Sunny	Wx	Wx Windy Partly Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~17 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 176$   
 $HDD = 0$   
 $CDD = 11$   
 $\Sigma HDD = 0$   
 $\Sigma CDD = 229$   
 $\Sigma PCN = 2.08$

$T_{DAVIS} = 69/64$   
 $T_{ENV} =$

$T_D = M$   
 $T_L = M$

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

Sunday, July 24, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. NNE	Temp 80 °F			
Min.	59 °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set	62 °F	Char. Calm	Corr. 28.84 in.			
R.H.	69 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	0700 Clds. ci 3/10	1300 Clds.	1900 Clds. 6/10 ci
Ppn. Liq.	0 in.	Prev. Dir. —	3 hr. Tend. /+ .5 mb	Wx Partly cloudy	Wx	Wx Partly sunny
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 71$$

$$HDD = 0$$

$$CDD = 6$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 235$$

$$\Sigma PCNL = 2.08''$$

$$T_{avg} = 63/57$$

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

$$T = 62$$

$$T_{wet} = 57$$

$$T_{dew} = 54$$

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

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



Monday, July 25, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SSW	Temp 82 °F	+ TSRA 0029 - 0155 TSRA 0230 - 0300			
Min. * 68 °F	Vel. ** 2 m.p.h.	Read. 28.88 in.	* overnight low: 68 ** estimated			
Set 70 °F	Char. Light	Corr. 28.64 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. St 10/10 Sc	Clds.	Clds. St 7/10 Ci	
Ppn. Liq. 0.79 in.	Prev. Dir. —	3 hr. Tend. ✓ +.2 mb	Wx Fog Cloudy	Wx	Wx Mostly Cloudy	
Ppn. Sol. 0 in.	Snow Depth — in.	Observer SBS	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 77$$

$$HDD = 0$$

$$COD = 0$$

$$\Sigma HDD = 0$$

$$\Sigma COD = 247$$

$$\Sigma PCW = 2.87''$$

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

$$T_{uvr} = 70/68$$

$$T_{dry} = 70$$

$$T_{wet} = 67$$

$$T_{aew} = 66$$

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

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

Tuesday, July 26, 2005 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. SSW	Temp 74 °F			
Min.	61 °F	Vel. 4 m.p.h.	Read. 28.81 in.			
Set	71 °F	Char. Light: Variable	Corr. 28.69 in.			
R.H.	77 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	0700 Clds. Ci 3/10	1300 Clds. Cu 5/10 Ce	1900 Clds. Cu 10/10 Co
Ppn. Liq.	0 in.	Prev. Dir.	3 hr. Tend. -0.3 mb	Wx Haze Mostly Sunny	Wx Haze Partly Cloudy	Wx Haze
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer SBS	Vis. 20 mi.	Vis. ~5 mi.	Vis. ~10 mi.

$$\bar{T} = 79$$

$$HDD = 0$$

$$CDD = 14$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 255$$

$$\Sigma PCN_L = 2.87''$$

$$T_{Davis} = 72/68$$

$$T_{uvv} = 70/66$$

$$T = 71$$

$$T_{wet} = 67$$

$$T_{dew} = 65$$

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

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

Wednesday July 27, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 90 °F	Dir. WNW	Temp 74 °F		1800-1820LT SHRA 1820-1842LT -SHRA 2102-2210LT -TSEA 2210-2220LT -SHRA 2340-0005LT -SHRA		
Min. 70 °F	Vel. 1 m.p.h.	Read. 28.65 in.				
Set 73 °F	Char. light	Corr. 28.53 in.		0700	1300	1900
R.H. 97 %	24 hr. Mov. - mi.	Sea L. 29.82 in.		Clds. Cu 4/10 Ci	Clds. Cu 10/10	Clds. Cu 10/10
Ppn. Liq. 0.11 in.	Prev. Dir. -	3 hr. Tend. -1 mb		Wx Haze	Wx Haze	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SUM		Vis. ~10 mi.	Vis. ~5 mi.	Vis. 20 mi.

$\bar{T} = 80$   
COD = 15  
HDS = 0  
 $\Sigma \text{COD} = 270$   
 $\Sigma \text{HDS} = 0$   
 $\Sigma \text{PCNL} = 2.98''$

$\bar{T}_{\text{Davis}} = 75/73$   
 $T_{\text{UV}} = 70/70$

$T_{\text{W}} = 72$   
 $R_1 = 72$

$\text{PCNL}_{\text{B}} = \text{N/A}$   
 $\Sigma \text{PCNL}_{\text{TB}} = \text{N/A}$

Thursday July 28, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	1222 - 1245 LT - SHRA			
87 °F	NE	73 °F				
Min.	Vel.	Read.				
62 °F	4 m.p.h.	28.94 in.				
Set	Char.	Corr.	0700	1300	1900	
63 °F	light	28.82 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. c	Clds.	Clds.	
73 %	— mi.	30.15 in.	1/10			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	—	4.5 / mb	few clouds			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SLM	25 mi.	mi.	mi.	

$F = 75$   
 $COO = 10$   
 $HOB = 0$   
 $\Sigma COO = 280$   
 $\Sigma HOB = 0$   
 $\Sigma PCNL = 2.98''$

$T_{unv} = 63/59$   
 $T_{total} = 04/58$

$T_{w} = 58$   
 $T_d = 54$

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



Friday, July 29, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F		Dir. SSW	Temp 74 °F			
Min. 61 °F		Vel. 0 m.p.h.	Read. 28.98 in.			
Set 63 °F		Char. Calm	Corr. 28.85 in.	0700	1300	1900
R.H. 86 %		24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. Ci 3/10	Clds.	Clds. Ci 0/10 Cu
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. /+1.0 mb	Wx Mostly Sunny	Wx	Wx Mostly Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 70$$

$$HDD = 0$$

$$COD = 5$$

$$\Sigma HDD = 0$$

$$\Sigma COD = 285$$

$$\Sigma PCN_L = 2.98''$$

$$T_{max} = 64/61$$

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

$$T_d = M$$

$$T_w = M$$

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

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



Saturday, July 30, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. N		Temp 80 °F			
Min.* 63 °F	Vel. 0 m.p.h.		Read. 29.12 in.			
Set 64 °F	Char. Calm		Corr. 28.98 in.	*Overnight Low = 63°		
				0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.		Sea L. 30.31 in.	Clds. Ci 2/20	Clds.	Clds. 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —		3 hr. Tend. /+1.5 mb	Wx Hazy	Wx	Wx Hazy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.		Observer	Vis. ~10 mi.	Vis. mi.	Vis. ~15 mi.

$T = 72$   
 $HDD = 0$   
 $CDD = 7$   
 $\Sigma HDD = 0$   
 $\Sigma CDD = 272$   
 $\Sigma PCU = 2.98''$

$T_{DAVIS} = 65/62$   
 $T_{WV} = 63/59$

$T_d = M$   
 $T_w = M$

$PCU_{LTD} = 1/16$   
 $\Sigma PCU_{LTD} = 1/8$

Sunday, July 31, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. ESE	Temp 74 °F				
Min. 64 * °F	Vel. 1 m.p.h.	Read. 29.06 in.				
Set 67 °F	Char. Light	Corr. 28.94 in.	*Ovrnht Low = 66°			
			0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. St 9/10 As	Clds.	Clds. 10/10 Cu	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Wx Cloudy	Wx	Wx -FA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~10 mi.	Vis. mi.	Vis. ~10 mi.	

$$\bar{T} = 75$$

$$HDD = 0$$

$$CDD = 10$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 302$$

$$\Sigma PCU = 2.98'$$

$$T_{DAVIS} = 67/65$$

$$T_{UNV} = 66/64$$

$$T_d = 11$$

$$T_w = 11$$

JULY TEMP'S. ↙

$$\bar{T}_{MAX} = 83.8^{\circ}F$$

$$\bar{T}_{MIN} = 65.3$$

$$\bar{T}_{JUL} = 74.55$$

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

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