

Meteorological Observatory  
Univeristy Park, PA

MONDAY JULY 1 2002 0700 EST

Temp.			Wind		Barom.		General Obs.		
Max.		84 °F	Dir. CALM		Temp 70 °F				
Min.		65 °F	Vel. — m.p.h.		Read. 29.00 in.				
Set		68 °F	Char. —		Corr. 29.99 in.		0700	1300	1900
R.H.		81 %	24 hr. Mov. — mi.		Sea L. 30.21 in.		Clds. 0/10	Clds.	Clds. 1/10 Cir
Ppn.	Liq.	0.00 in.	Prev. Dir. —		3 hr. Tend. 1.5 mb		Wx 42	Wx	Wx +H2
Ppn.	Sol.	— in.	Snow Depth — in.		Observer J.M.M.		Vis. 4 mi.	Vis. mi.	Vis. 4 mi.

$$T = 75$$

$$HDD = 0$$

$$CDD = 10$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 10$$

$$\Sigma PCNL = 0.00$$

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

$$TW = 64$$

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

$$TD = 62$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = 0.00$$

Tuesday, July 2, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. CALM	Temp 70 °F	*Overnight low: 71°		
Min. 68* °F	Vel. 0 m.p.h.	Read. 28.96 in.			
Set 74 °F	Char. -	Corr. 28.84 in.			
R.H. 88 %	24 hr. Mov. - mi.	Sea L. 30.15 in.	0700 Clds. 0/10	1300 Clds. 2/10 Cu	1900 Clds. 4/10 CS
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. +1 mb	Wx +HZ	Wx HZ, Ho+	Wx HZ
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RAK	Vis. 2 mi.	Vis. 5 mi.	Vis. 10 mi.

$$\bar{T} = 78$$

$$HDD = 0$$

$$CDD = 13$$

$$\sum HDD = 0$$

$$\sum CDD = 23$$

$$\sum PCN_L = 0.00$$

$$T_{davis} = 74/72$$

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

$$T_w = 71^\circ$$

$$T_D = 70$$

$$PCN_{TB}^i = 0.00$$

$$\sum PCN_{TB} = 0.00$$

Wednesday July 3, 2002  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir. WSW	Temp 72 °F			
Min.	71 °F	Vel. 3 m.p.h.	Read. 28.88 in.			
Set	74 °F	Char. Light	Corr. 28.76 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. Clear	Clds. 5/10 Cu	Clds. 5/10 ci
Ppn. Liq.	0.02 in.	Prev. Dir.	3 hr. Tend. +1.7 mb	Wx H2	Wx -H2	Wx -H2
Ppn. Sol.	0.0 in.	Snow Depth — in.	Observer KRV	Vis. 5 mi.	Vis. 17 mi.	Vis. 17 mi.

$\bar{T} = 82$   
HDD = 0  
CDD = 17  
 $\Sigma$ HDD = 0  
 $\Sigma$ CDD = 40  
 $\Sigma$ PCN<sub>L</sub> = 0.00

$T_{\text{Davis}} = 74/72$   
 $T_{\text{Ann}} = 73/70$

$T_w = 70^\circ$   
 $T_b = 68^\circ$

PCN<sub>TB</sub> = 0.00  
 $\Sigma$ PCN<sub>TB</sub> = 0.00

Thursday July 4 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	*REC MAX. WIND (2002=20, 1999+)			
91 °F	SW	70 °F				
Min. *	Vel.	Read.				
71 °F	2 m.p.h.	28.83 in.				
Set	Char.	Corr.				
75 °F	Light	28.71 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
87 %	- mi.	20.00 in.	$\frac{1}{10}$ ci	$\frac{5}{10}$ cu	$\frac{5}{10}$ ci	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	-11.0 mb	HZ	-HZ	HZ	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	RJM	4 mi.	13 mi.	4 mi.	

$$\bar{T} = 81$$

$$HDD = 0$$

$$CDD = 16$$

$$E HDD = 0$$

$$E CDD = 56$$

$$E PCN_L = 0.00$$

$$T_{DAYS} = 75/71$$

$$T_{UNV} = 73/69$$

$$T_w = 71$$

$$T_d = 62$$

$$PCN_{TB} = 0.00$$

$$E PCN_{TB} = 0.00$$



Friday July 5 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
91 °F	N	68 °F				
Min.	Vel.	Read.				
67 °F	4 m.p.h.	28.92 in.				
Set	Char.	Corr.				
68 °F	light	28.80 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
64 %	- mi.	30.11 in.	ci 2/10	5/10 ci	2/10 Al, Sc, Ci	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	+2 mb	max.ly clear	clear	Gentle Breeze	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	DRH	20 mi.	25 mi.	25 mi.	

$\bar{T}: 79$

HDD: 0

COO: 14

$\Sigma$  HDD: 0

$\Sigma$  COO: 70

$\Sigma$  PCN<sub>L</sub>: 0.00

T<sub>0+VFS</sub>: 68/59

T<sub>UVV</sub>: 68/54

T<sub>w</sub>: 60

T<sub>0</sub>: 55

PCN<sub>0</sub>: 0.00

$\Sigma$  PCN<sub>0</sub>: 0.00

Saturday, July 16, 2002  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	81 °F		Dir.	—		Temp	68 °F		*Smoke present at midlevel (As noted by NWS)		
Min.	57 °F		Vel.	0 m.p.h.		Read.	29.00 in.				
Set	61 °F		Char.	Calm		Corr.	28.89 in.				
									0700	1300	1900
R.H.	75 %		24 hr. Mov.	M mi.		Sea L.	30.23 in.		Clds.	Clds.	Clds.
									Clear		Ac, Ci *9110
Ppn. Liq.	0.00 in.		Prev. Dir.	M		3 hr. Tend.	11 mb		Wx	Wx	Wx
									-Fg		Hazy
Ppn. Sol.	0.0 in.		Snow Depth	0 in.		Observer	JEP		Vis.	Vis.	Vis.
									18 mi.	mi.	20 mi.

T: 69  
HDD: 0  
CDD: 4  
 $\Sigma$  HDD: 0  
 $\Sigma$  CDD: 74  
 $\Sigma$  PCNB: 0.00

TAVIS: 03/57  
TUNV: 03/57

TW: 57  
TD: 54

PCNTB: 0.00  
 $\Sigma$  PCNTB: 0.00

Sunday, July 7, 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —		Temp 108 °F			
Min. 57 °F	Vel. 0 m.p.h.		Read. 29.01 in.			
Set 59 °F	Char. Calm		Corr. 28.90 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. M mi.		Sea L. 30.24 in.	Clds. St 10/10	Clds.	Clds. ci 8/10
Ppn. Liq. 0.00 in.	Prev. Dir. M		3 hr. Tend. 11.5 mb	Wx HAZE, SMOKEY OVERCAST	Wx	Wx Haze, smoke
Ppn. Sol. 0.0 in.	Snow Depth 0 in.		Observer JEP	Vis. 15 mi.	Vis. mi.	Vis. 9 mi.

$\bar{T}$ : 69  
HDD: 0  
CDD: 4  
 $\Sigma$ HDD: 0  
 $\Sigma$ CDD: 78  
 $\Sigma$ PEN<sub>1</sub>: 0.00

TDAVIS: 59/55  
TUNN: 55/51

TW: 56  
TD: 54

PEN<sub>1B</sub>: 0.00  
 $\Sigma$ PEN<sub>1B</sub>: 0.00

MONDAY JULY 8 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. —	Temp 68 °F	* OVERNIGHTLOW: 61			
Min. 59 °F	Vel. 0 m.p.h.	Read. 29.08 in.				
Set 64 °F	Char. CALM	Corr. 28.97 in.				
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	0700 Clds. 4/10 ci	1300 Clds. 2/10 cu, ci	1900 Clds. 4/10 ci	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx H2	Wx 43	Wx H2	
Ppn. Sol. — in.	Snow Depth — in.	Observer H.M.M.	Vis. 4 mi.	Vis. 10 mi.	Vis. 10 mi.	

F = 71

HDD = 0

COD = 6

$\Sigma$ HDD = 0

$\Sigma$ COD = 84

$\Sigma$ PCNL = 0.00

TOARS = 66/61

Tw = 59

TUNV = 63/57

Tb = 56

PCNTB = 0.00

$\Sigma$ PCNTB = 0.00



Tuesday July 9, 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F	Dir. CPLM	Temp 70 °F	Overnight low 72			
Min. 64* °F	Vel. 0 m.p.h.	Read. 28.86 in.				
Set 74 °F	Char. -	Corr. 28.74 in.				
R.H. 67 %	24 hr. Mov. - mi.	Sea L. 30.04 in.	0700	1300	1900	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. STEADY mb	Clds. 2/10 Ci	Clds. 10/10 As	Clds. 10/10 As	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RAK	Wx H2	Wx Breezy H2	Wx B2	
			Vis. 10 mi.	Vis. 6 mi.	Vis. 4 mi.	

$$\bar{T} = 76$$

$$HOD = 0$$

$$COD = 11$$

$$\sum HOD = 0$$

$$\sum COD = 95$$

$$\sum PCN_L = 0.00$$

$$T_{\text{Davis}} = 74/66$$

$$T_{\text{uvr}} = 73/64$$

$$T_v = 66^\circ$$

$$T_D = 62^\circ$$

$$PCN_{T_D} = 0.00$$

$$\sum PCN_{T_D} = 0.00$$

Wednesday, July 10, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. NNE	Temp 72 °F		-SHRA 12:45-14:45 LST -SHRA 16:15-16:21 LST		
Min. 68 °F	Vel. 0 m.p.h.	Read. 28.89 in.		+SHRA 16:24-16:44 LST -SHRA 16:45-18:06 LST -SHRA 18:07-19:24 LST		
Set 68 °F	Char. Calm	Corr. 28.78 in.		0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 10/10 St	Clds. 5/10 Cu	Clds. 4/0 Ci	
Ppn. Liq. 0.19 in.	Prev. Dir. —	3 hr. Tend. +12.0 mb	Wx -SHRA	Wx Beautiful	Wx Cool & Beautiful Parchelia	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 5 mi.	Vis. 21 mi.	Vis. 25 mi.	

$$\bar{T} = 76$$

$$HDD = 0$$

$$CDD = 11$$

$$\Sigma HDD = 0$$

$$\Sigma CDD = 106$$

$$\Sigma PCN_L = 0.19$$

$$T_{DAV} = 68/67$$

$$T_{ENV} = 68/66$$

$$T_W = 65^\circ$$

$$T_D = 63^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} =$$

Thursday July 11, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SHAA OBS - 0810			
79 °F	NNE	70 °F				
Min.	Vel.	Read.				
51 °F	0 m.p.h.	28.98 in.				
Set	Char.	Corr.				
56 °F	Calm	28.87 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
84 %	- mi.	30.21 in.	$\frac{4}{10}$ ci	$\frac{5}{10}$ ci, cu	$\frac{2}{10}$ ci	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
7 in.	-	+0.5 mb	-Fg	Nice	clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
2 in.	- in.	RJM	17 mi.	25 mi.	25 mi.	

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$\varepsilon HDD = 0$$

$$\varepsilon CDD = 106$$

$$\varepsilon PCN_L = 0.19$$

$$T_{\text{Dans}} = 59/49$$

$$T_{\text{UV}} =$$

$$T_w = 52$$

$$T_d = 51$$

$$PCN_{TB} = 0.00$$

$$\varepsilon PCN_{TB} =$$

Friday July 12 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. N-NE	Temp 69 °F			
Min.	51 °F	Vel. 0 m.p.h.	Read. 28.00 in.			
Set	55 °F	Char. calm	Corr. 28.88 in.			
R.H.	72 %	24 hr. Mov. - mi.	Sea L. 30.23 in.	0700 Clds. 2/10 Ci	1300 Clds. 3/10 Ci	1900 Clds. Ci 3/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +1 mb	Wx misty clear	Wx Nice Breezy	Wx Nice
Ppn. Sol.	- in.	Snow Depth - in.	Observer DRH	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 63$

HOD: 2

COD: 0

$\Sigma$  HOD: 2

$\Sigma$  COD: 106

$\Sigma$  PCN<sub>L</sub>: 0.19

T<sub>points</sub>: 58/52

T<sub>user</sub>: 54/52

T<sub>w</sub>: 50

T<sub>d</sub>: 46

PCN<sub>rs</sub>: 0.00

$\Sigma$  PCN<sub>rs</sub>:



Saturday, July 13, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 68 °F	* OVNT LOW 57°			
Min. # 55 °F	Vel. 0 m.p.h.	Read. 28.87 in.				
Set 59 °F	Char. Calm	Corr. 28.76 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. M mi.	Sea L. 30.09 in.	Clds. 9/10 Ci, St	Clds.	Clds. 10/10 Cs, As	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. 1.5 mb	Wx. Mainly Clear	Wx	Wx Gentle Breeze	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.	

$\bar{T}$ : 68

HDD: 0

CDD: 3

$\Sigma$ HDD: 2

$\Sigma$ CDD: 109

$\Sigma$ PCN<sub>i</sub>: 0.19

T<sub>DAVIS</sub>: 59/54

T<sub>UNV</sub>: 54/51

T<sub>w</sub>: 56

T<sub>o</sub>: 54

PCN<sub>TS</sub>: 0.00

$\Sigma$ PCN<sub>TS</sub>:

Sunday, July 14, 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp 68 °F	*OVNT LOW 67°			
Min. * 59 °F	Vel. 0 m.p.h.	Read. 28.88 in.				
Set 67 °F	Char. Calm	Corr. 28.77 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.08 in.	Clds. 10/10 St, Sc	Clds.	Clds. 2/10 AC	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. 4.5 mb	Wx Hz	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 5 mi.	Vis. mi.	Vis. 23 mi.	

$\bar{T}$ : 69  
HDD: 0  
CDD: 4  
 $\Sigma$ HDD: 2  
 $\Sigma$ CDD: 113  
 $\Sigma$ PENL: 0.19

T DAVIS: 66/63  
T UNV: 64/61

$\bar{T}_w$ : 65  
 $\bar{T}_o$ : 64

PEN<sub>TB</sub>: 0.00  
 $\Sigma$ PEN<sub>TB</sub>:

MONDAY, JULY 05, 2010

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. —	Temp 69 °F				
Min. 63 °F	Vel. — m.p.h.	Read. 29.87 in.				
Set 65 °F	Char. CALM	Corr. 28.76 in.				
			0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 1/10 Ci	Clds. 4/10 Cu	Clds. 6/10 Ci, Scv	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ✓ EVEN mb	Wx H2, Valley Fog	Wx	Wx H2	
Ppn. Sol. 0.0 in.	Snow Depth — in.	Observer J.M.P.	Vis. 8 mi.	Vis. 2.5 mi.	Vis. 20 mi.	

$$\bar{T} = 72$$

$$FDD = 0$$

$$CDD = 7$$

$$\Sigma HDD = 2$$

$$\Sigma CDD = 120$$

$$\Sigma PCN_L = 0.19$$

$$TRAVIS = 65/64$$

$$TUNV = 63/61$$

$$TW = 62$$

$$TD = 60$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB =$$

Tuesday, July 16, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. CALM	Temp 70 °F	*Overnight low: 68°		
Min.	65* °F	Vel. 0 m.p.h.	Read. 28.86 in.			
Set	69 °F	Char. —	Corr. 28.66 in.			
R.H.	74 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Clds. 2/10 Ci	Clds. 3/10 Ci	Clds. 0/10 Noob
Ppn. Sol.	0.0 in.	Snow Depth 0.0 in.	Observer PAK	Wx H2	Wx H2	Wx -H2
				Vis. 15 mi.	Vis. 20 mi.	Vis. 15 mi.

$$\bar{T} = 76^\circ$$

$$HDD = 0$$

$$CDD = 11$$

$$\Sigma HDD = 2$$

$$\Sigma CDD = 131$$

$$\Sigma PCN_L = 0.19$$

$$T_{Davis} = 68/51$$

$$T_{WV} = 70/57$$

$$T_w = 63^\circ$$

$$T_D = 60^\circ$$

$$PCN_B = 0.00$$

$$\Sigma PCN_B =$$



Wednesday July 17, 2002  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	87 °F	Dir.	SW	Temp	70 °F						
Min.	66 °F	Vel.	3 m.p.h.	Read.	28.84 in.						
Set	69 °F	Char.	Steady	Corr.	28.72 in.	0700	1300	1900			
R.H.	63 %	24 hr. Mov.	— mi.	Sea L.	30.02 in.	Clds.	6/10 CS	Clds.	1/0 CU	Clds.	3/10 C
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+ 0.8 mb	Wx	-HZ	Wx	HZ	Wx	HZ
Ppn. Sol.	0.00 in.	Snow Depth	— in.	Observer	KRV	Vis.	12 mi.	Vis.	9 mi.	Vis.	7 mi.

$$\bar{T} = 77$$

$$HDD = 0$$

$$CDD = 12$$

$$\Sigma HDD = 2$$

$$\Sigma CDD = 143$$

$$\Sigma PCN_L = 0.19$$

$$T_{davis} = 70/61$$

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

$$T_w = 61^\circ$$

$$T_d = 56^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.00$$

Thursday July 18, 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	92 °F	Dir.	SW	Temp	72 °F	* Overnight Low 75 -SHRA 0615-0620 LST					
Min.	69* °F	Vel.	3 m.p.h.	Read.	28.78 in.						
Set	75 °F	Char.	Light	Corr.	28.66 in.						
R.H.	87% %	24 hr. Mov.	- mi.	Sea L.	29.94 in.	Clds.	10/10 NS	Clds.	10/10 NS	Clds.	9/10 ST
Ppn.	T in.	Prev. Dir.	-	3 hr. Tend.	+0.5 mb	Wx	+Dz Fg	Wx	+H2	Wx	+H2
Ppn.	- in.	Snow Depth	- in.	Observer	RJM	Vis.	3 mi.	Vis.	5 mi.	Vis.	2 mi.

$$\bar{T} = 81$$

$$HDD = 0$$

$$CDD = 16$$

$$E HDD = 2$$

$$E CDD = 159$$

$$E PCN_e = 0.19$$

$$T_{Davis} = 74/68$$

$$T_{unv} = 73/66$$

$$T_w = 70$$

$$T_0 = 61$$

$$PCN_{TB} = 0.00$$

$$E PCN_{TB} = 0.00$$

Friday July 19 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SW	Temp 72 °F	-RA 0745-0920 -RA 0530-1700			
Min. 69 °F	Vel. 2 m.p.h.	Read. 28.74 in.				
Set 71 °F	Char. light	Corr. 28.61 in.				
R.H. 79 %	24 hr. Mov. - mi.	Sea L. 29.91 in.	0700 Clds. St 8/10	1300 Clds. Ns 10/10	1900 Clds. St 10/10	
Ppn. Liq. 0.11 in.	Prev. Dir. -	3 hr. Tend. +3 mb	Wx Fg	Wx TSRA	Wx +HZ	
Ppn. Sol. - in.	Snow Depth - in.	Observer DRH	Vis. 0.5 mi.	Vis. 5 mi.	Vis. 2 mi.	

$\bar{T}: 77$

HDD: 0

CDD: 12

$\Sigma$  HDD: 2

$\Sigma$  CDD: 171

$\Sigma$  PCN<sub>L</sub>: 0.30

$\bar{T}_{DAVIS}: 70/68$

$T_{JUN}: 70/66$

$T_w: 67$

$T_o: 65$

PCN<sub>TB</sub>: 0.03

$\Sigma$  PCN<sub>TB</sub>: 0.03

Saturday, July 20, 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.		85 °F	Dir.	NNE	Temp	+TSRA 13:40-14:15 -SHRA 18:15-19:30		
Min.		68 °F	Vel.	1 m.p.h.	Read.	28.84 in.		
Set		70 °F	Char.	light	Corr.	28.72 in.		
R.H.		96 %	24 hr. Mov.	M mi.	Sea L.	0700	1300	1900
Ppn. Liq.		0.49 in.	Prev. Dir.	M	3 hr. Tend.	Clds. ST 10/10	Clds. Ci, Cs, Ac 1/10	Clds.
Ppn. Sol.		0.0 in.	Snow Depth	0 in.	Observer	Wx Fg	Wx H2	Wx
						Vis. 0.5 mi.	Vis. 10 mi.	Vis. mi.

F: 77  
HDD: 0  
CDD: 12  
 $\Sigma$  HDD: 2  
 $\Sigma$  CDD: 133  
 $\Sigma$  PCNL: 0.79

T DAVIS: 70/70  
TUNV: 68/66

TW: 69  
TD: 69

PCNTB: 0.50  
 $\Sigma$  PCNTB: 0.53



Sunday, July 21, 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.		Temp			
84	°F	—		70	°F		
Min.		Vel.		Read.			
66	°F	0	m.p.h.	28.92	in.		
Set		Char.		Corr.			
68	°F	CAIM		28.80	in.	0700	1300
R.H.		24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.
84	%	M	mi.	30.11	in.	CIPT	6/10 Ci
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx
0.00	in.	M		14.5	mb	Fg	HZ
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.
0.0	in.	0	in.	JEP	2	mi.	5
						mi.	mi.

T: 75  
HDD: 0  
CDD: 10  
 $\Sigma$  HDD: 2  
 $\Sigma$  CDD: 193  
 $\Sigma$  PCN: 0.79

T DAVIS: 70/66  
T UNV: 66/64

TW: 65  
T0: 63

PCNTB: 0.00  
 $\Sigma$  PCNTB: 0.53

Monday July 22, 2002  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.						
Max.			Dir.	Temp	*Overnight Low 71°						
88	°F		SW	72				°F			
Min.			Vel.	Read.							
68*	°F		0	m.p.h.	28.84	in.					
Set			Char.	Corr.							
73	°F		Calm	28.72	in.	0700	1300	1900			
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.				
81	%		—	mi.	30.01	in.	Clear	2/10 Cu	2/10 Ci		
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx				
0.00	in.		—	+1.2	mb	+Hz	Hz	Hz			
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.				
0.00	in.		—	in.	KRV	3	mi.	10	mi.	10	mi.

$$\bar{T} = 78$$

$$HDD = 0$$

$$CDD = 13$$

$$\Sigma HDD = 2$$

$$\Sigma CDD = 206$$

$$\Sigma PCN_c = 0.79$$

$$T_{\text{davis}} = 73/70$$

$$T_{\text{om}} = 72/68$$

$$T_w = 69^\circ$$

$$T_d = 67^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.53$$

Tuesday, July 23, 2012

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 93 °F	Dir. SW	Temp 72 °F	*Overnight low: 74° ▲ TTES RECORD MAX MIN (1991) -SARA ~1845 LT			
Min. 73 °F	Vel. 4 m.p.h.	Read. 28.96 in.				
Set 76 °F	Char. STEADY	Corr. 28.73 in.	0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 2/10 Ci	Clds. 10/10 Ac	Clds. 8/10 Ac	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx +Hz	Wx Cool	Wx Cool	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RAK	Vis. 7 mi.	Vis. 15 mi.	Vis. 25 mi.	

$$T = 93$$

$$HOD = 0$$

$$CDD = 18$$

$$\Sigma HOD = 2$$

$$\Sigma CDD = 224$$

$$\Sigma PCN_L = 0.79$$

$$T_{davis} = 76/71$$

$$T_w = 71^\circ$$

$$T_{uv} =$$

$$T_d = 69^\circ$$

$$PCN_B = 0.00$$

$$\Sigma PCN_B = 0.53$$

Wednesday, July 24, 2002  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. N	Temp 72 °F		TSRA ~ 1240 LT TSRA ~ 1400-1500 LT		
Min. 62 °F	Vel. 11 m.p.h.	Read. 29.05 in.				
Set 63 °F	Char. Steady	Corr. 28.93 in.		0700	1300	1900
R.H. 84 %	24 hr. Mōv. — mi.	Sea L. 29.96 in.	Clds. 10/10 STAs	Clds. Ci 5/10 CU	Clds. 5/10 Ci	CU
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx COOL	Wx SUNNY	Wx Clear	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 13 mi.	Vis. 20 mi.	Vis. 25 mi.	

$F = 74$   
 $HDD = 0$   
 $CDD = 9$   
 $\Sigma HDD = 2$   
 $\Sigma CDD = 233$   
 $\Sigma PCN_e = 0.83$

$T_{davis} = 63/62$     $T_w = 60^\circ$   
 $T_{avg} = 61/60$     $T_a = 58^\circ$

$PCN_{TB} = 0.06$   
 $\Sigma PCN_{TB} = 0.59$



Thursday July 25, 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. ESE	Temp 70 °F	-DZ 0440-0445 LDT			
Min. 63 °F	Vel. 4 m.p.h.	Read. 29.00 in.				
Set 66 °F	Char. Light	Corr. 28.88 in.				
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	0700 Clds. 10/10 st	1300 Clds. 10/10 St	1900 Clds. 9/10 st	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx -Fg	Wx Cool	Wx Nice	
Ppn. Sol. — in.	Snow Depth — in.	Observer RJM	Vis. 13 mi.	Vis. 15 mi.	Vis. 17 45 mi.	

$$\bar{T} = 72$$

$$HDD = 0$$

$$CDD = 7$$

$$\Sigma HDD = 2$$

$$E CDD = 240$$

$$E PCN_L = 0.83$$

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

$$T_{UNV} = 66/60$$

$$T_w = 63$$

$$T_0 = 59$$

$$PCN_{TS} = 0.00$$

$$E PCN_{TA} = 0.59$$

Friday July 26 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. S	Temp 70 °F	- SHRA 1430 - 1530 - SHRA 0730 - 0830			
Min. 64 °F	Vel. 3 m.p.h.	Read. 28.95 in.				
Set 64 °F	Char. light	Corr. 28.83 in.				
			0700	1300	1900	
R.H. 84 %	24 hr. Mov. - mi.	Sea L. 30.15 in.	Clds. St 10/10	Clds. 10/10 St	Clds. 10/10 St	
Ppn. Liq. 0.04 in.	Prev. Dir. -	3 hr. Tend. +0.5 mb	Wx light rain	Wx Breezy	Wx +Fg	
Ppn. Sol. - in.	Snow Depth - in.	Observer DRH	Vis. 3 mi.	Vis. 8 mi.	Vis. 4 mi.	

$\bar{T}: 68$

HOD: 0

COO: 3

$\Sigma HOD: 2$

$\Sigma COO: 243$

$\Sigma PCNL: 0.87$

$T_{PANTS}: 63/50$

$T_{UNK}: 64/59$

$T_w: 61$

$T_D: 59$

$PCN_{Tb}: 0.03$

$\Sigma PCN_{Tb}: 0.62$

Saturday July 27, 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. —	Temp 69 °F		-SHRA 8:00-820 LST -SHRA 845-850 LST		
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.80 in.				
Set 68 °F	Char. Cdm	Corr. 28.69 in.	0700	1300	1900	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 10 16 st	Clds.	Clds. 9 10 st	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx *Fg	Wx	Wx +Fg	
Ppn. Sol. — in.	Snow Depth — in.	Observer RTM	Vis. 2 mi.	Vis. mi.	Vis. 4 mi.	

$$\bar{T} = 66$$

$$HDD = 0$$

$$CDD = 1$$

$$\Sigma HDD = 2$$

$$\Sigma CDD = 244$$

$$\Sigma PCN_L = 0.92$$

$$T_{Davis} = 67/67$$

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

$$T_w = 67$$

$$T_0 = 61$$

$$PCN_{TB} = 0.05$$

$$EPCN_{TB} = 0.67$$

Sunday July 28 2000 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. ~	Temp 70 °F	*over night low 71 SHRA 1820-1845 LST		
Min.	68* °F	Vel. 0 m.p.h.	Read. 28.78 in.			
Set	73 °F	Char. Calm	Corr. 28.67 in.			
R.H.	68 %	24 hr. Mov. - mi.	Sea L. 29.95 in.	0700	1300	1900
Ppn. Liq.	0.06 in.	Prev. Dir. -	3 hr. Tend. +0.5 mb	Clds. 10/70 st	Clds.	Clds. 10/60 45ci
Ppn. Sol.	- in.	Snow Depth - in.	Observer RJM	Wx +Fg	Wx	Wx
				Vis. 4 mi.	Vis. mi.	Vis. 10 mi.



$$\bar{T} = 75$$

$$HDD = 0$$

$$CDD = 10$$

$$E HDD = 2$$

$$E CDD = 25$$

$$E PCN_L = 0.98$$

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

$$T_{unv} =$$

$$T_w = 71$$

$$T_{10} = 63$$

$$PCN_{TB} = 0.06$$

$$E PCN_{TB} = 0.73$$



MONDAY JULY 29 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 90 °F	Dir. —		Temp 72 °F	* OUN: LOW 76 ▲ TIES REC. MAX. MIN (1949)		
Min. 73 °F	Vel. 0 m.p.h.	Read. 28.64 in.				
Set 76 °F	Char. CALM	Corr. 28.52 in.				
			0700	1300	1900	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.80 in.	Clds. <del>14/10</del> SS, AC	Clds. 5/10 CU	Clds. 2/10 CU	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx HZ	Wx HZ	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer EJN/ML	Vis. 18 mi.	Vis. 18 mi.	Vis. 20 mi.	

$$\bar{T} = 82$$

$$HDD = 0$$

$$CDD = 18$$

$$\Sigma HDD = 2$$

$$\Sigma CDD = 271$$

$$\Sigma PCN = 0.98$$

$$T_{RAVIS} = 76/72$$

$$T_{MNV} = 75/70$$

$$T_W = 72$$

$$T_D = 70$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = 0.73$$

Tuesday, July 30, 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 92 °F	Dir. NW	Temp 72 °F	8:40-2:00 -PA (Time EOT)			
Min. Δ 73 °F	Vel. 6 m.p.h.	Read. 28.77 in.	2:20-3:00 TSPA			
Set 73 °F	Char. STEADY	Corr. 28.65 in.	7:15-7:30 PA			
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	0700	1300	1900	
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. +2 / mb	Clds. 8/10 Acv Ci	Clds. 5/10 Acw Ci	Clds. 3/10 Ci	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PAK	Wx Breezy, H2	Wx Breezy	Wx Nice	
			Vis. 15 mi.	Vis. 20 mi.	Vis. 15 mi.	

ΔTies record for max/min (1917, 1931)

$$\bar{T} = 83$$

$$HDD = 0$$

$$CDD = 18$$

$$\Sigma HDD = 2$$

$$\Sigma CDD = 289$$

$$\Sigma PCN_L = 1.09''$$

$$T_{\text{days}} = 73/70 \quad T_w = 70^\circ$$

$$T_{\text{min}} = 73/68 \quad T_d = 69^\circ$$

$$PCN_{TB} = 0.10$$

$$\Sigma PCN_{TB} = 0.83$$

Wednesday, July 31, 2002  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. WSW	Temp 72 °F			
Min.	68 °F	Vel. 3 m.p.h.	Read. 28.92 in.			
Set	71 °F	Char. Steady	Corr. 28.80 in.			
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. clear	Clds. 6/10 Cu	Clds. 10 0 0 cb
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +10.9 mb	Wx HZ	Wx Nice	Wx -bRA
Ppn. Sol.	— in.	Snow Depth — in.	Observer KRV	Vis. 5 mi.	Vis. 20 mi.	Vis. 15 mi.

$\bar{T} = 77$   
HDD = 0  
CDD = 12  
 $\Sigma$ HDD = 2  
 $\Sigma$ CDD = 301  
 $\Sigma$ PON<sub>L</sub> = 1.09

$T_{\text{Davis}} = 71/68$   
 $T_{\text{ONU}} = 70/66$

$T_w = 67^\circ$   
 $T_a = 65^\circ$

JULY TEMPS

$\bar{T}_{\text{MAX}} = 84.1$   
 $\bar{T}_{\text{MIN}} = 64.7$   
 $\bar{T}_{\text{JUL}} = 74.4$

$\text{PON}_{\text{TB}} = 0.00$   
 $\Sigma \text{PON}_{\text{TB}} = 0.83$