

Sunday, September 1, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	★ OVNT LOW 61			
79 °F	—	68 °F				
Min. ★	Vel.	Read.				
57 °F	0 m.p.h.	29.20 in.				
Set	Char.	Corr.	0700	1300	1900	
62 °F	Calm	29.09 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. 10/10	Clds.	Clds.	
75 %	M mi.	30.43 in.	St.		10 NS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx + Fg	
0.00 in.	M	-1.5 mb	H2		-DZ	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	JEP	20 mi.		4 mi.	

T: 68

HDD: 0

Σ CDD: 3

Σ HDD: 0

Σ CDD: 3

Σ PCNL: 0.00

TIDAVIS: 6/15/6

TW: 57

TUNV: 6/15/3

T_D: 54

PCNTB: 0.00

Σ PCNTB: 0.00

Monday, September 2, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. —	Temp 73 °F		945-1000 -RA 1600-1800 -RA		
Min. 60 °F	Vel. 0 m.p.h.	Read. 28.98 in.				
Set 60 °F	Char. CALM	Corr. 28.85 in.		0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10 st	Clds. 9/10 st	Clds. 3/10 ci	
Ppn. Liq. 0.08 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx Fg	Wx HZ	Wx HZ	
Ppn. Sol. 0-0 in.	Snow Depth 0.0 in.	Observer PAK	Vis. 4 mi.	Vis. 15 mi.	Vis. 15 mi.	

$$\bar{T} = 62$$

$$HDD = 3$$

$$CDD = 0$$

$$\Sigma HDD = 3$$

$$\Sigma CDD = 3$$

$$\Sigma PCN_L = 0.08''$$

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

$$T_{uvv} =$$

$$T_w = 58^\circ$$

$$T_D = 57^\circ$$

$$PCN_{T3} = 0.00''$$

$$\Sigma PCN_{T3} = 0.00''$$

Tuesday, September 3, 2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp 70 °F	-SHRA 4:30-4:40 LT			
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.91 in.				
Set 60 °F	Char. Calm	Corr. 28.79 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. SE 4/10 CU	Clds. CI 2/10	Clds. 10/10 ST	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1.3 mb	Wx +HZ	Wx HZ	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 2 mi.	Vis. 15 mi.	Vis. 10 mi.	

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$\Sigma HDD = 3$$

$$\Sigma CDD = 3$$

$$\Sigma PEN_L = 0.08''$$

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

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

$$T_w = 57^\circ$$

$$T_d = 55^\circ$$

$$PEN_{TB} = 0.00''$$

$$\Sigma PEN_{TB} = 0.00''$$

Wednesday, September 4, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp 72 °F	*Overnight low 70°			
Min. 60* °F	Vel. 0 m.p.h.	Read. 28.87 in.				
Set 70 °F	Char. CALM	Corr. 28.74 in.				
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	0700 Clds. Clear	1300 Clds. 1/10 ci	1900 Clds. Cu 1/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx H2	Wx lt. Breeze	Wx Nice!	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PAK	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$F = 73$$

$$HDD = 0$$

$$CDD = 8$$

$$\Sigma HDD = 3$$

$$\Sigma CDD = 11$$

$$\Sigma PCN_L = 0.08$$

$$T_{davis} = 70/67$$

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

$$T_w = 67^\circ$$

$$T_d = 66^\circ$$

$$PCN_{T_3} = 0.00''$$

$$\Sigma PCN_{T_3} = 0.00''$$

Thursday, September 5, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir.	Temp			
		—	70 °F			
Min.	57 °F	Vel.	Read.			
		0 m.p.h.	29.00 in.			
Set	60 °F	Char.	Corr.	0700	1300	1900
		Calm	29.88 in.			
R.H.	73 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.22 in.	1/10 St	5/10 Cu	0/10
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	+12.8 mb	H2		
Ppn. Sol.	— in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		— in.	KRV	10v17 mi.	20 mi.	25 mi.

$T = 69$
 $HDD = 0$
 $CDD = 4$
 $\Sigma HDD = 3$
 $\Sigma CDD = 15$
 $\Sigma PCN_e = 0.08$

$T_{davis} = 60/57$ $T_w = 56'$
 $T_{unv} = 57/53$ $T_d = 53^\circ$

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

FRIDAY sept 6 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir.	Temp			
		—	70 °F			
Min.	54 °F	Vel.	Read.			
		0 m.p.h.	28.91 in.			
Set	56 °F	Char.	Corr.	0700	1300	1900
		CALM	28.79 in.			
R.H.	64 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.12 in.	1/10 CL em	1/10 Ci	1/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	✓ +1 mb		Beautiful	COOL
Ppn. Sol.	— in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		— in.	J.M.M.	20 mi.	25 mi.	20 mi.

$$F = 68$$

$$HDD = 0$$

$$COD = 4$$

$$\sum HDD = 3$$

$$\sum COD = 16$$

$$\sum PENL = 0.08$$

$$T_{DAVIS} = 57/59$$

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

$$T_w = 53$$

$$T_D = 48$$

$$ACNTB = 0.00$$

$$\sum PCNTB = 0.00$$

$$\bar{T} = 67$$

$$HDD = 0$$

$$LDD = 2$$

$$\Sigma HDD = 3$$

$$\Sigma CDD = 18$$

$$\Sigma PCN_L = 0.00$$

$$T_{Davis} = 58/51$$

$$T_{unv} = 53/48$$

$$T_w = 53$$

$$T_d = 50$$

$$PCN_{TB} = 0.00$$

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

Sunday, September 8, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. —	Temp 68 °F	*OVRT LOW 57		
Min.	50* °F	Vel. 0 m.p.h.	Read. 29.13 in.			
Set	57 °F	Char. Calm	Corr. 29.02 in.			
R.H.	72 %	24 hr. Mov. M mi.	Sea L. 30.27 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. 1+1 mb	Clds. Clear	Clds.	Clds. Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Wx 1+. Valley fog	Wx	Wx Cool
				Vis. 20 mi.	Vis.	Vis. 20 mi.

T: 70

HDD: 0

CDD: 5

Σ HDD: 3

Σ CDD: 23

Σ PCNL: 0.08

T_{DAVIS}: 58152

T_{DUNV}: 54148

T_W: 52

T_D: 48

PCNTB: 0.00

Σ PCNTB: 0.00

Monday, September 9, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. —	Temp 68 °F			
Min.	56 °F	Vel. 0 m.p.h.	Read. 29.08 in.			
Set	57 °F	Char. Calm	Corr. 28.97 in.			
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	0700 Clds. Clear	1300 Clds. Clear	1900 Clds. 1/10 ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.3 mb	Wx -F in valleys	Wx basty	Wx clear
Ppn. Sol.	— in.	Snow Depth — in.	Observer KRV	Vis. 15 mi.	Vis. 20 mi.	Vis. 20 mi.

$F = 71$
 $HDD = 0$
 $CDD = 6$
 $\Sigma HDD = 3$
 $\Sigma CDD = 29$
 $\Sigma PCNL = 0.08$

$T_{davis} = 60/53$
 $T_{unv} = 55/48$

$T_w = 54$
 $T_d = 51$

$PCNTB = 0.00$
 $\Sigma PCNTB = 0.00$

Tuesday, September 10, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.		Dir.	Temp	* Overnight + Low = 59°				
90 °F		—	70 °F					
Min.		Vel.	Read.					
57* °F		0 m.p.h.	28.81 in.					
Set		Char.	Corr.	0700	1300	1900		
60 °F		Calm	28.69 in.					
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
77 %		— mi.	30.01 in.	2/10 Ci	1/10 CU	1/10 Ci		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx - Fg	Wx H.	Wx		
—	in.	—	1 - 0.4 mb	in valleys	Wind	HZ		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
—	in.	— in.	KRV	15 mi.	20 mi.	10 mi.		

$\bar{T} = 74$
 $HDD = 0$
 $CDD = 9$
 $\Sigma HDD = 3$
 $\Sigma CDD = 38$
 $\Sigma PCN_e = 0.08$

$T_{avg} = 62/55$ $T_w = 56$
 $T_{uv} = 57/50$ $T_a = 53$

$PCN_{TB} = 0.00$
 $\Sigma PCN_{TB} = 0.09$

Wednesday, September 11, 2002 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 91 °F	Dir. NNW	Temp 72 °F	* Overnight low 66°			
Min. 60* °F	Vel. 10 m.p.h.	Read. 28.50 in.				
Set 66 °F	Char. Gusty	Corr. 28-37 in.	0700	1300	1900	
R.H. 61 %	24 hr. Mov. - mi.	Sea L. 29.68 in.	Clds. 4/10 Acc	Clds. Cu 5/10	Clds. Cu 2/10	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. 1 + 1 mb	Wx Breezy	Wx Breezy	Wx lt. wind	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PAK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 76$$

$$HDD = 0$$

$$CDD = 11$$

$$\Sigma HDD = 3$$

$$\Sigma CDD = 49$$

$$\Sigma PCN_2 = 0.08$$

$$T_{davis} = 65/53$$

$$T_w = 58^\circ$$

$$T_{uv} = 64/49$$

$$T_d = 52^\circ$$

$$PCN_{17} = 0.00$$

$$\Sigma PCN_{17} = 0.09''$$

Thursday, September 12, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir.	Temp			
		—	69 °F			
Min.	51 °F	Vel.	Read.			
		0 m.p.h.	28.88 in.			
Set	52 °F	Char.	Corr.	0700	1300	1900
		CALM	28.76 in.			
R.H.	80 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.12 in.	Clear	0/10	Clear
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	+1.5 mb	Cool	CL	Cool
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0.0 in.	PAK	25 mi.	25 mi.	25 mi.

$$\bar{T} = 61$$

$$HDD = 4$$

$$CDD = 0$$

$$\Sigma HDD = 7$$

$$\Sigma CDD = 49$$

$$\Sigma PCN_L = 0.08''$$

$$T_{davis} = 93/46$$

$$T_w = 49^\circ$$

$$T_{unv} = 92/42$$

$$T_d = 46^\circ$$

$$PCN_{TD} = 0.00''$$

$$\Sigma PCN_{TD} = 0.09''$$

FRIDAY, SEPTEMBER 13 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. NW	Temp 70 °F			
Min.	50 °F	Vel. 3 m.p.h.	Read. 28.82 in.			
Set	57 °F	Char. LIGHT	Corr. 28.78 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov. - mi.	Sea L. 30.07 in.	Clds. 0/10	Clds. 1/10 Ci	Clds. 0/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. - steady mb	Wx chilly	Wx clear	Wx Hz
Ppn. Sol.	- in.	Snow Depth - in.	Observer JRM	Vis. 22 mi.	Vis. 25 mi.	Vis. 10 mi.

$$\bar{T} = 62$$

$$HDD = 3$$

$$CDD = 0$$

$$\Sigma HDD = 10$$

$$\Sigma CDD = 49$$

$$\Sigma PCNL = 0.08''$$

$$TDAVIS = 53/47$$

$$TUNV = 48/43$$

$$TW = 43^\circ$$

$$TD = 44^\circ$$

$$PCNTB = 0.00''$$

$$\Sigma PCNTB = 0.09''$$

Saturday September 14 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	*overnight low 57			
81 °F	—	68 °F				
Min.	Vel.	Read.				
51* °F	0 m.p.h.	28.93 in.				
Set	Char.	Corr.	0700	1300	1900	
57 °F	Calm	28.82 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. Ac	
77 %	— mi.	30.16 in.	$\frac{9}{10}$ Ci St		As 6/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+1.0 mb	clear		Fg	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
— in.	— in.	RJM	20 mi.	mi.	3 mi.	

$$\bar{T} = 66$$

$$HDD = 0$$

$$CDD = 1$$

$$E HDD = 10$$

$$E CDD = 50$$

$$E PCN_L = 0.08''$$

$$T_{Davis} = 57/48$$

$$T_{unv} = 54/45$$

$$T_w = 52$$

$$T_d = 50$$

$$PCN_{T_B} = 0.00''$$

$$E PCN_{T_B} = 0.09''$$

Sunday, September 15, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. -	Temp 69 °F	* DVNT LOW 72° -SHAA 1900 LT		
Min.	57 °F	Vel. 0 m.p.h.	Read. 28.90 in.			
Set	72 °F	Char. Calm	Corr. 28.78 in.			
R.H.	81 %	24 hr. Mov. M mi.	Sea L. 30.08 in.	0700 Clds. SL 10/10	1300 Clds.	1900 Clds. 8/10 Jt
Ppn. Liq.	T in.	Prev. Dir. M	3 hr. Tend. 14.5 mb	Wx HZ	Wx	Wx HZ
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 6 mi.	Vis.	Vis. 8 mi.

T: 70
HDD: 0
CDD: 5
 Σ HDD: 10
 Σ CDD: 55
 Σ PCN: 0.08

T DAVIS: 7/1/67
T UNV: 70/64

T W: 67
T O: 65

PCNTB: 0.00
 Σ PCNTB: 0.09

Monday, September, 16, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 69 °F	+SHRA 3:30-4:45 LST *ALLTIMES EST!* -SHRA 9:30-9:55 LST +SHRA 9:55-11:42 LST -SHRA 11:43-13:58 LST			
Min. 67 °F	Vel. 0 m.p.h.	Read. 28.86 in.				
Set 67 °F	Char. Calm	Corr. 28.74 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 9/10 CU	Clds. 4/10 CU	Clds. 3/10 CU	
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx +H2	Wx H. WIND	Wx warm	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 3 mi.	Vis. 18 mi.	Vis. 8 mi.	

$$F = .71$$

$$HDD = 0$$

$$CDD = 6$$

$$\Sigma HDD = 10$$

$$\Sigma CDD = 61$$

$$\Sigma PON_L = 0.43$$

$$T_{davis} = 67/67$$

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

$$T_w = 65^\circ$$

$$T_d = 64^\circ$$

$$PON_{TB} = 0.00$$

$$\Sigma PON_{TB} = .09$$

Tuesday September 17, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir.	Temp			
		—	68 °F			
Min.	57 °F	Vel.	Read.			
		0 m.p.h.	28.95 in.			
Set	58 °F	Char.	Corr.	0700	1300	1900
		Calm	28.84 in.			
R.H.	84 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.18 in.	9/10 SE	210 Cu	2110 Ci
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	+11.6 mb	Fg	Nice	HZ
Ppn. Sol.	— in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		— in.	KRV	1 mi.	20 mi.	15 mi.

$$F = 67$$

$$HDD = 0$$

$$CDD = 2$$

$$\Sigma HDD = 19$$

$$\Sigma CDD = 63$$

$$\Sigma PCN_L = 0.43$$

$$T_{\text{davis}} = 58/58$$

$$T_{\text{unv}} = 54/53$$

$$T_w = 55^\circ$$

$$T_d = 53^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.09$$

Wednesday, September 18, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	76 °F		Dir.	-		Temp	70 °F				
Min.	54 °F		Vel.	0 m.p.h.		Read.	28.91 in.				
Set	55 °F		Char.	Calum		Corr.	28.79 in.	0700	1300	1900	
R.H.	83 %		24 hr. Mov.	- mi.		Sea L.	30.15 in.	Clds.	8/10 As	Clds. Ci	8/10
Ppn. Liq.	0.00 in.		Prev. Dir.	-		3 hr. Tend.	- 0 mb	Wx	Valley Fg	Wx	H. Wind
Ppn. Sol.	0.0 in.		Snow Depth	0.0 in.		Observer	RAK	Vis.	15 mi.	Vis.	20 mi.
								Vis.		Vis.	15 mi.

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$\Sigma HDD = 10$$

$$\Sigma CDD = 63$$

$$\Sigma PCN_L = 0.43''$$

$$T_{davis} = 59/53$$

$$T_{unv} = 54/52$$

$$T_w = 52^\circ$$

$$T_d = 50^\circ$$

$$PCN_{T3} = 0.00''$$

$$\Sigma PCN_{T3} = 0.09''$$

Thursday, September 19, 2002 0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.	*Overnight low 67°		
Max.	Dir.	Temp				
79 °F	—	70 °F				
Min.	Vel.	Read.				
55* °F	0 m.p.h.	28.87 in.				
Set	Char.	Corr.		0700	1300	1900
67 °F	CALM	28.75 in.		Clds. ci 7/10	Clds. oc 10/10	Clds. sc 10/10
R.H.	24 hr. Mov.	Sea L.		Wx	Wx	Wx
81 %	— mi.	30.06 in.		H2	H2	H2
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Vis.	Vis.	Vis.
0.00 in.	—	1 + 1 mb		10 mi.	10 mi.	12 mi.
Ppn. Sol.	Snow Depth	Observer				
0.0 in.	0.0 in.	PAK				

$$T = 67$$

$$HDD = 0$$

$$CDD = 2$$

$$\Sigma HDD = 10$$

$$\Sigma CDD = 65$$

$$\Sigma PCN_L = 0.43$$

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

$$T_{unv} = 64/57$$

$$T_w = 63^\circ$$

$$T_d = 61$$

$$PCN_{13} = 0.00''$$

$$\Sigma PCN_{13} = 0.09''$$

FRIDAY SEPTEMBER 20 2022 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp 70 °F	- SBRA ~ 12:30 LT			
Min. 66 °F	Vel. 0 m.p.h.	Read. 28.77 in.				
Set 69 °F	Char. CALM	Corr. 28.66 in.	0700	1300	1900	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 5/10 ci	Clds. 3/10 cu	Clds. 5/10 cu	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx HZ	Wx HZ	Wx Warm	
Ppn. Sol. — in.	Snow Depth — in.	Observer J.M.M.	Vis. 12 mi.	Vis. 13 mi.	Vis. 15 mi.	

$$\bar{T} = 70$$

$$HDD = 0$$

$$CDD = 8$$

$$\Sigma ADD = 10$$

$$\Sigma CDD = 70$$

$$\Sigma PCNL = 0.43$$

$$TDAVIS = 68/65$$

$$\Sigma UNV = 64/63$$

$$TW = 64$$

$$TD = 61$$

$$PCNTB = 0.00''$$

$$\Sigma PCNTB = 0.09''$$

Saturday, September 21, 2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp			*OVNIT LOW 71° * Record Max Min (Previous to 1906)		
81 °F	—	70 °F					
Min. *	Vel.	Read.					
68 °F	0 m.p.h.	28.77 in.					
Set	Char.	Corr.			0700	1300	1900
71 °F	Calm	28.65 in.					
R.H.	24 hr. Mov.	Sea L.			Clds. 10/10	Clds.	Clds.
81 %	M mi.	29.95 in.			AS, AC		4 st 10
Ppn. Liq.	Prev. Dir.	3 hr. Tend.			Wx	Wx	Wx
0.00 in.	M	1.5 mb			H2		Humid
Ppn. Sol.	Snow Depth	Observer			Vis.	Vis.	Vis.
0.0 in.	0 in.	JEP			15 mi.	mi.	7 mi.

T: 75
HDD: 0
CDD: 10
 Σ HDD: 10
 Σ CDD: 80
 Σ PCNL: 0.43

T DAVIS: 71167
TUNV: 70164

TW: 67
TD: 65

PCNTB: 0.00
 Σ PCNTB: 0.09

Sunday September 22 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 69 °F	* Record Max Min (Previous 66 1931, 1978, 1980) -SHRA 1300-1400 LT -SHRA 530-550 LT			
Min. 67* °F	Vel. 0 m.p.h.	Read. 28.82 in.				
Set 67 °F	Char. Cdm	Corr. 28.71 in.				
			0700	1300	1900	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. $\frac{1}{10}$ st	Clds.	Clds. 10 CU 10 SC	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx +Fg	Wx	Wx +TSRA	
Ppn. Sol. — in.	Snow Depth — in.	Observer RSM	Vis. 4 mi.	Vis. mi.	Vis. 2 mi.	

$$\bar{T} = 71$$

$$HDD = 0$$

$$CDD = 6$$

$$E HDD = 10$$

$$E CDD = 86$$

$$E PCN_f = 0.45^{\circ}$$

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

$$T_{unv} = 66/62$$

$$T_w = 66$$

$$T_D = 59$$

$$PCN_{T8} = 0.00$$

$$E PCN_{T8} = 0.09$$

Monday September 23, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. NW	Temp 70 °F	-TSRA 16:50 - 17:30 LT +TSRA 18:15 - 20:15 LT +RA 20:15 - 21:00 LT			
Min. 53 °F	Vel. 3 m.p.h.	Read. 29.09 in.				
Set 53 °F	Char. Light	Corr. 28.97 in.	0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.33 in.	Clds. 3/10 St	Clds. 1/10 Cu	Clds. clear	
Ppn. Liq. 1.07 in.	Prev. Dir. —	3 hr. Tend. +1.7 mb	Wx Cool	Wx lt. breeze	Wx starlit	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 17 mi.	Vis. 25 mi.	Vis. 0 mi.	

$T = 66$
 $HDD = 0$
 $CDD = 1$
 $\Sigma HDD = 10$
 $\Sigma CDD = 87$
 $\Sigma PCN_L = 1.52$

$T_{davis} = 53/49$
 $T_{unv} = 54/46$
 $T_w = 50^\circ$
 $T_d = 47^\circ$

$PCN_{TB} = 0.74''$
 $\Sigma PCN_{TB} = 0.83''$

Tuesday September 24, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. —	Temp 69 °F				
Min. 46 °F	Vel. 0 m.p.h.	Read. 29.19 in.				
Set 47 °F	Char. Calm	Corr. 29.07 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.45 in.	Clds. Clear	Clds. 11/10 Cu, Ci, Ac	Clds. 3/10 Ci	
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Fg valley	Wx Nice	Wx Pleasant	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 2.6 mi.	Vis. 25 mi.	Vis. 8 mi.	

$\bar{T} = 57$
 $HDD = 8$
 $CDD = 0$
 $\Sigma HDD = 18$
 $\Sigma CDD = 87$
 $\Sigma PCW_L = 1.52''$

$T_{davis} = 50/48$
 $T_{unv} = 45/42$

$T_w = 44^\circ$
 $T_d = 41^\circ$

$PCW_{TB} = 0.00''$
 $\Sigma PCW_{TB} = 0.83$

Wednesday, September 25, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. —	Temp 69 °F	* Overnight low 490			
Min. 47* °F	Vel. 0 m.p.h.	Read. 29.15 in.				
Set 51 °F	Char. Calm	Corr. 29.03 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. 4/10 Ci	Clds. 7110 CU CI	Clds. 10110 AS	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1 mb	Wx Valley Fg	Wx Nice	Wx HZ	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PAK	Vis. 8 mi.	Vis. 25 mi.	Vis. 20 mi.	

$$\bar{T} = 60$$

$$HDD = 5$$

$$CDD = 0$$

$$\Sigma HDD = 23$$

$$\Sigma CDD = 87$$

$$\Sigma PCN_L = 1.52$$

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

$$T_{unv} = 48/44$$

$$T_w = 49^\circ$$

$$T_d = 45^\circ$$

$$PCN_{13} = 0.00$$

$$\Sigma PCN_{13} = 0.83$$

Thursday, September 26, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	Dir.	Temp	*Overnight low 68°								
71 °F	—	68 °F	-RA 430-800								
Min.	Vel.	Read.									
51* °F	0 m.p.h.	29.01 in.									
Set	Char.	Corr.	0700			1300			1900		
58 °F	CALM	28.89 in.									
R.H.	24 hr. Mov.	Sea L.	Clds.			Clds.			Clds.		
93 %	— mi.	30.24 in.	10/10 NS+			10/10 NS			10/10 ST		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx			Wx			Wx		
0.01 in.	—	1-1 mb	-RA			-RA			F9-RA		
Ppn. Sol.	Snow Depth	Observer	Vis.			Vis.			Vis.		
0.0 in.	0.0 in.	PAK	20 mi.			mi.			4 mi.		

$\bar{T} = 61$
HDD = 4
CDD = 0
 $\Sigma HDD = 27$
 $\Sigma CDD = 87$
 $\Sigma PCN_L = 1.53''$

$T_{Davis} = 57/54$ $T_w = 55^\circ$
 $T_{max} = 57/51$ $T_d = 53^\circ$

$PCN_{75} = 0.00$
 $\Sigma PCN_{75} = 0.83$

FRIDAY SEPTEMBER 27 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F	Dir. —	Temp 68 °F		-RA/RA 0800-2300 LT		
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.60 in.		RA 0300-0645 RA 0745-0800		
Set 56 °F	Char. CALM	Corr. 28.49 in.		0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.72 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St	
Ppn. Liq. 1.34 in.	Prev. Dir. —	3 hr. Tend. -1.5 mb	Wx Ra, Fg	Wx Fg	Wx -RABR	
Ppn. Sol. — in.	Snow Depth — in.	Observer JFMH	Vis. 8 mi.	Vis. 8 mi.	Vis. 5 mi.	

$$\bar{F} = 58$$

$$HDB = 7$$

$$CDD = 0$$

$$\Sigma HDB = 34$$

$$\Sigma CDD = 87$$

$$\Sigma PCN_L = 2.87''$$

$$TRAVS = 56/56$$

$$TMNV = 55/54$$

$$TW = 52$$

$$TD = 53$$

$$PCNTB = 0.76$$

$$\Sigma PCNTB = 1.59$$

Saturday September 28, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	67 °F	Dir.	-	Temp	* overnight low of 60°F		
Min.	56* °F	Vel.	0 m.p.h.	Read.	-RA 0800 LT - 0940 RA 1640-1830 LT		
Set	60 °F	Char.	Calm	Corr.	RA 0940 - 1010 LT -RA 1010 - 1025 -RA 1955-2025 LT -RA 1040 - 1150 LT -RA 1305 - 1440 LT		
R.H.	80 %	24 hr. Mov.	- mi.	Sea L.	0700	1300	1900
Ppn. Liq.	0.48 in.	Prev. Dir.	-	3 hr. Tend.	Clds.	Clds.	Clds. 7/10
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	Wx	Wx	Wx
					cool		HZ
					Vis.	Vis.	Vis.
					25 mi.	mi.	15 mi.

Ci, Ac

* / +20 mb

RJM

$\bar{T} = 62$
HDD = 3
CDD = 0
 $E_{HDD} = 37$
 $E_{CDD} = 87$
 $E_{PCN_f} = 3.35''$

$T_{Davis} = 60/56$
 $T_{unv} = 60/51$

$T_w = 57$
 $T_o = 54$

$PCN_{TB} = 0.47$
 $E_{PCN_{TB}} =$

Sunday, September 29, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. -	Temp 66 °F			
Min.	46 °F	Vel. 0 m.p.h.	Read. 29.08 in.			
Set	47 °F	Char. Calm	Corr. 28.97 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov. M mi.	Sea L. 30.24 in.	Clds. Ci 7/10	Clds.	Clds. 3/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx Fg	Wx	Wx -H ₂
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 3 mi.	Vis. mi.	Vis. 10 mi.

T: 57
HDD: 8
CDD: 0
 Σ HDD: 45
 Σ CDD: 87
PCNL: 3.35

T Davis: 48/45
T VNV: 48/41

TW: 44
TD: 41

PCNTB: 0.00
 Σ PCNTB:

Monday, September 30, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. —	Temp 67 °F	*Overnight low 51°			
Min. 47 °F	Vel. 0 m.p.h.	Read. 29.06 in.				
Set 51 °F	Char. CALM	Corr. 28.95 in.				
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	0700	1300	1900	
Clds. 2/10 As c;	Clds. Ac, As 6/10	Clds. 1/10 Ac				
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Valley Fg	Wx NICE	Wx -Fg	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RAK	Vis. 4 mi.	Vis. 20 mi.	Vis. 8 mi.	

$$\bar{T} = 58$$

$$HDD = 7$$

$$CDD = 0$$

$$\Sigma AOD = 52$$

$$\Sigma CDD = 87$$

$$\Sigma PCN_L = 3.35$$

$$T_{davis} = 52/51$$

$$T_{mvr} = 46/44$$

$$T_w = 49^\circ$$

$$T_d = 47^\circ$$

SEPT. TEMPS

$$\bar{T}_{MAX} = 76.2$$

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

$$\bar{T}_{SEP} = 66.0$$

$$PCN_{T3} = 0.00$$

$$\Sigma PCN_{T3} =$$