

Thursday August 1 2002 0700 EST

Meteorology  
University Park, PA

General Obs.

Temp.		Wind		Barom.		- SHRA 1900-2030					
Max.	91 °F	Dir.	S-SW	Temp	72 °F						
Min.	67 °F	Vel.	0 m.p.h.	Read.	28.86 in.						
Set	70 °F	Char.	calm	Corr.	28.73 in.	0700		1300	1900		
R.H.	87 %	24 hr. Mov.	~ mi.	Sea L.	30.03 in.	Clds.	st	Clds.	3/10 cu	Clds.	<
Ppn.	0.04 in.	Prev. Dir.	-	3 hr. Tend.	+ .5 mb	Wx	Fg	Wx	Nice	Wx	clear
Ppn.	- in.	Snow Depth	- in.	Observer	DRW	Vis.	1 mi.	Vis.	17 mi.	Vis.	15 mi.

HDD: 0

CPD: 14

$\Sigma$ ADD: 0

$\Sigma$ COB: 14

$\Sigma$ PCNL: 0.04

T DATES: 70/69

T UNV: 68/66

Tw: 67

To: 66

PCNTB: 0.03

$\Sigma$ PCNTB: 0.03

Friday August 2 2002

0700 EST

Temp.			Wind	Barom.	General Obs.			
Max.	Dir.	Temp	* Over Night Low 72					
92 °F	SSW	72 °F						
Min.	Vel.	Read.						
70* °F	2 m.p.h.	28.8 in.	Set	Char.	Corr.	0700	1300	1900
72 °F	Light	28.74 in.	R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. 7110
66 %	— mi.	30.04 in.	10 ci					
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			Wx
0.00 in.	—	-0.0 mb	HZ					Gentle Breeze
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			Vis.
— in.	— in.	RSM	7 mi.					18 mi.

$\bar{T} = 81$   
HDD = 0  
CDD = 16  
E HDD = 0  
E CDD = 30  
E PCN<sub>L</sub> = 0.04

T<sub>Davis</sub> = 72/68  
T<sub>unv</sub> = 71/66

T<sub>w</sub> = 68  
T<sub>D</sub> = 60

PCN<sub>T<sub>8</sub></sub> = 0  
E PCN<sub>T<sub>8</sub></sub> = 0.03

Saturday, August 3, 2002  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 93 °F	Dir. —	Temp 72 °F	★ Record High Low (Previous: 70, 1988)			
Min. 71 °F	Vel. 0 m.p.h.	Read. 29.00 in.				
Set 73 °F	Char. Calm	Corr. 28.88 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 30.18 in.	Clds. Ci, Sc, AC 8/10	Clds.	Clds. AC, AS 5/10	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx + Fg	Wx	Wx - HZ	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 3 mi.	Vis. mi.	Vis. 17 mi.	

$\bar{T}$ : 82  
HDD: 0  
CDD: 17  
 $\Sigma$  HDD: 0  
 $\Sigma$  CDD: 47  
 $\Sigma$  PCNL: 0.04

$\bar{T}_{DAVIS}$ : 72/69  
 $\bar{T}_{UNV}$ : 70/66

$\bar{T}_W$ : 71  
 $\bar{T}_D$ : 70

PCNTB: 0.00  
 $\Sigma$  PCNTB: 0.03

Sunday, August 4, 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir.	Temp			
		-	70 °F			
Min.	68 °F	Vel.	Read.			
		0 m.p.h.	29.03 in.			
Set	70 °F	Char.	Corr.	0700	1300	1900
		Calm	28.91 in.			
R.H.	87 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		M mi.	30.23 in.	Clear		2/10 Ci, Cs
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		M	10.5 mb	Fg		
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	JEP	7 mi.	mi.	18 mi.

T: 80  
HDD: 0  
CDD: 15  
 $\Sigma$ HDD: 0  
 $\Sigma$ CDD: 102  
 $\Sigma$ PCNT: 0.04

T<sub>DAVIS</sub>: 7/1/67  
T<sub>UNV</sub>: 10/6/64

T<sub>w</sub>: 67  
T<sub>D</sub>: 66

PCNT<sub>B</sub>: 0.00  
 $\Sigma$ PCNT<sub>B</sub>: 0.03



Monday August 5 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir.	Temp	*OVERNIGHT LOW 73°		
		—	72 °F			
Min.	70 °F	Vel.	Read.			
		0 m.p.h.	28.90 in.			
Set	74 °F	Char.	Corr.	0700	1300	1900
		CALM	28.78 in.			
R.H.	71 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 9/10	Clds. 10/10
		— mi.	in.	As, Ac	Ac, As, Sc	Sc, As
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	STEADY <sub>mb</sub>	HZ	HZ	HZ, Fg
Ppn. Sol.	— in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		— in.	B.M.M.	10 mi.	10 mi.	5 mi.

$$\bar{F} = 81$$

$$\sum HDD = 0$$

$$\sum COD = 16$$

$$\sum HDD = 0$$

$$\sum COD = 78$$

$$\sum PCNL = 0.04$$

$$T_{DAVIS} = 73/67$$

$$T_U = 67$$

$$T_{UNV} = 72/63$$

$$T_D = 64$$

$$PCNTB = 0.00$$

$$\sum PCNTB = 0.03$$

Tuesday, August 6, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. N(350°)	Temp 70 °F		-RA 0900 - 0930 (EST) -RA 1000 - 1030 TSPA 1545 - 1725		
Min. 62 °F	Vel. 5 m.p.h.	Read. 28.88 in.				
Set 62 °F	Char. Gusty	Corr. 28.76 in.		0700	1300	1900
R.H. 57 %	24 hr. Mov. - mi.	Sea L. 30.09 in.	Clds. 2/10 Cu	Clds. 4/10 AlCu	Clds. Clear	
Ppn. Liq. 0.13 in.	Prev. Dir. -	3 hr. Tend. +2 / mb	Wx Breezy, Cool	Wx Breezy	Wx Breezy	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RAK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 74$   
HDD = 0  
CDD = 9  
 $\Sigma \text{HDD} = 0$   
 $\Sigma \text{CDD} = 87$   
 $\Sigma \text{PCN}_L = 0.17''$

$T_{\text{davis}} = 62/55$   $T_v = 54^\circ$   
 $T_{\text{uvv}} = 63/51$   $T_D = 48^\circ$

$\text{PCN}_{TB} = 0.13''$   
 $\Sigma \text{PCN}_{TB} = 0.16''$

Wednesday August 7, 2002  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. NNW	Temp 70 °F			
Min.	53 °F	Vel. 0 m.p.h.	Read. 29.09 in.			
Set	57 °F	Char. Calm	Corr. 28.97 in.			
				0700	1300	1900
R.H.	77 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. Clear	Clds.	Clds. 2/10 CU
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +10.7 mb	Wx Crisp	Wx	Wx gorgeous
Ppn. Sol.	— in.	Snow Depth — in.	Observer KRV	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\begin{aligned}\bar{T} &= 65 \\ HDD &= 0 \\ CDD &= 0 \\ \Sigma HDD &= 0 \\ \Sigma CDD &= 87 \\ \Sigma PCN_L &= 0.17\end{aligned}$$

$$\begin{aligned}T_{davis} &= 60/53 \\ T_{uvv} &= 55/51\end{aligned}$$

$$\begin{aligned}T_w &= 53 \\ T_d &= 50\end{aligned}$$

$$\begin{aligned}PCN_{T8} &= 0.00 \\ \Sigma PCN_{T8} &= 0.16\end{aligned}$$

Thursday August 8, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. NW	Temp 70 °F			
Min.	52 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set	56 °F	Char. Calm	Corr. 28.93 in.			
R.H.	87 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	0700 Clds. clear	1300 Clds.	1900 Clds. 2 60 Ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0mb	Wx -Fg	Wx	Wx clear
Ppn. Sol.	— in.	Snow Depth — in.	Observer RSM	Vis. 23 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 64$$

$$HDD = 1$$

$$CDD = 0$$

$$\sum HDD = 1$$

$$\sum CDD = 87$$

$$\sum PCN_j = 0.17$$

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

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

$$T_w = 53$$

$$T_D = 52$$



Friday August 9 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp			
79	°F		NE	68	°F		
Min.			Vel.	Read.			
54	°F		0 m.p.h.	29.10	in.		
Set			Char.	Corr.			
56	°F		calm	28.98	in.	0700	1300
							1900
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
72	%		- mi.	30.33	in.	Clear	Clear
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.00	in.		-	+1 mb	Cool		
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
-	in.		- in.	DRH	23 mi.		25 mi.

T: 67

H00: 0

C00: 2

$\Sigma$  H00: 1

$\Sigma$  C00: 89

$\Sigma$  PCNL: 0.17

T<sub>parts</sub>: 57/52

T<sub>unv</sub>:

T<sub>w</sub>: 51

T<sub>o</sub>: 47

PCN<sub>g</sub>: 0.00

$\Sigma$  PCN<sub>g</sub>: 0.16

Saturday, August 10, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
82 °F	-	68 °F				
Min.	Vel.	Read.				
56 °F	0 m.p.h.	29.04 in.				
Set	Char.	Corr.		0700	1300	1900
58 °F	Calm	28.93 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.			
78 %	M mi.	30.28 in.	2/10			1/10
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx		
0.00 in.	M	1.5 mb	-Fg			Wx Gentle Breeze
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.		
0.0 in.	0 in.	JEP	18 mi.		mi.	25 mi.

T: 69  
HDD: 0  
CDD: 4  
 $\Sigma$ HDD: 1  
 $\Sigma$ CDD: 93  
 $\Sigma$ PCNL: 0.17

T DAVIS: 160154 TW: 54  
TUNV: 57153 T0: 51

PCNTB: 0.00  
 $\Sigma$ PCNTB: 0.16

Sunday, August 11, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.			Dir.	Temp	* DUNT LOW 64			
88	°F		—	68				°F
Min.	*		Vel.	Read.				
58	°F		0 m.p.h.	28.98 in.				
Set			Char.	Corr.	0700	1300	1900	
65	°F		Calm	28.87 in.				
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
76	%		M mi.	30.18 in.	Clear		Clear	
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00	in.		M	14.5 mb	-Fg		#2	
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0	in.		0 in.	JEP	18 mi.		14 mi.	

T: 70  
HDD: 0  
CDD: 8  
 $\Sigma$ HDD: 1  
 $\Sigma$ CDD: 101  
 $\Sigma$ PCNL: 0.17

T<sub>DAVIS</sub>: 60159  
T<sub>UNV</sub>: 64157

T<sub>w</sub>: 60  
T<sub>D</sub>: 57

PCNTB: 0.00  
 $\Sigma$ PCNTB: 0.16

Monday, August 12, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	90 °F	Dir. —	Temp 70 °F	*OVNT LOW 61		
Min. *	65 °F	Vel. 0 m.p.h.	Read. 28.93 in.			
Set	68 °F	Char. Calm	Corr. 28.81 in.			
				0700	1300	1900
R.H.	73 %	24 hr. Mov. M mi.	Sea L. 30.12 in.	Clds. Clear	Clds.	Clds. 10/16 Cu Ni
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. 140 mb	Wx + Fg	Wx	Wx + TSRA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 2.5 mi.	Vis. mi.	Vis. 1 mi.

F: 78  
HDD: 0  
CDD: 13  
 $\Sigma$  HDD: 1  
 $\Sigma$  CDD: 114  
 $\Sigma$  PCNL: 0.17

T DAVIS: 08/63  
T UNV: 64/60

T W: 62  
T D: 59

PCNTB: 0.00  
 $\Sigma$  PCNTB: 0.16



Tuesday, August 13, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	91 °F	Dir.	CALM	Temp	1930-2015 +TSRA PK GWT (DAVIS) 59 mph PK GWT (TRAK) 77 mph TREE DAMAGE			
Min.	65 °F	Vel.	0 m.p.h.	Read.				29.00 in.
Set	66 °F	Char.	—	Corr.				28.87 in.
R.H.	82 %	24 hr. Mov.	— mi.	Sea L.	30.20 in.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	—	3 hr. Tend.	1 +1 mb	Clds.	Clds.	Clds.
	1.04 in.					Clear	2/10 Ci	4/10 Ci
Ppn.	Sol.	Snow Depth	Observer	Wx	6 mi.	Wx	Wx	Wx
	0.0 in.	0.0 in.	RAK	Fg		H2	H2	H2
				Vis.	6 mi.	Vis.	Vis.	Vis.
						15 mi.	15 mi.	15 mi.

$\bar{T} = 78$   
 $HDD = 0$   
 $CDD = 13$   
 $\Sigma HDD = 1$   
 $\Sigma CDD = 127$   
 $\Sigma PCNL = 1.21$

$T_{davis} = 67/66$   
 $T_{unv} = 66/64$

$T_w = 62^\circ$   
 $T_D = 60^\circ$

$PCNL_0 = 1.13$   
 $\Sigma RN_{75} = 1.29$

Wednesday, August 14, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 89 °F	Dir. E	Temp 72 °F	TSRA 1:10 - 2:40 LST			
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.93 in.				
Set 70 °F	Char. Calm	Corr. 28.81 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. Clear	Clds. 6/10 CU	Clds. 1/10 ST	
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. +10.3 mb	Wx +Hz	Wx Hz	Wx Hz	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 3 mi.	Vis. 15 mi.	Vis. 15 mi.	

$$\bar{T} = 77$$

$$HDD = 0$$

$$CDD = 12$$

$$\Sigma HDD = 1$$

$$\Sigma CDD = 139$$

$$\Sigma PCNL = 1.24$$

$$T_{davis} = 71/69$$

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

$$T_w = 68^\circ$$

$$T_d = 67^\circ$$

$$PCN_{TB} = 0.03$$

$$\Sigma PCN_{TB} = 1.32$$

Thursday August 15, 2002 0700 EST

Temp.			Wind			Barom.			General Obs.		
Max. 93 °F	Dir. S	Temp 71 °F	* Over-night Low 73 * Tied Record High 1938 + 1988								
Min. 70* °F	Vel. 0 m.p.h.	Read. 28.93 in.									
Set 75 °F	Char. Calm	Corr. 28.81 in.									
R.H. 47 %	24 hr. Mov. - mi.	Sea L. 30.09 in.	0700	1300	1900	Clds. 8/10 st	Clds. 8/10 CU	Clds. 8/10 st cu			
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. /+1.5 mb	Wx HZ	Wx HZ	Wx Fg	Wx HZ	Wx HZ	Wx Fg			
Ppn. Sol. - in.	Snow Depth - in.	Observer RJM	Vis. 15 mi.	Vis. 10 mi.	Vis. 10 mi.	Vis. 10 mi.	Vis. 10 mi.	Vis. 10 mi.			

$\bar{T} = 82$   
HDD = 0  
CDD = 17  
 $\Sigma HDD = 1$   
 $\Sigma CDD = 156$   
 $\Sigma PCN_Q = 1.24$

$T_{Davis} = 75/59$   
 $T_{unv} = 75/57$

$T_w = 64$   
 $T_0 = 54$

$PCN_{T0} = 0.00$   
 $\Sigma PCN_{T0} = 1.32$

Friday August 16 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F	Dir. SW	Temp 72 °F	- T52A 1600-1630			
Min. 72 °F	Vel. 1 m.p.h.	Read. 28.88 in.				
Set 72 °F	Char. Calm	Corr. 28.85 in.	0700	1300	1900	
R.H. 82 %	24 hr. Mov. - mi.	Sea L. 30.15 in.	Clds. 6/10 Ci, St	Clds. 6/10 Ci, Cu	Clds. 3/10 Ci	
Ppn. Liq. 0.06 in.	Prev. Dir. -	3 hr. Tend. +0 mb	Wx warm	Wx -H2	Wx H2	
Ppn. Sol. - in.	Snow Depth - in.	Observer DRH	Vis. 10 mi.	Vis. 15 mi.	Vis. 18 mi.	

$\bar{T}: 80$

$HDD: 0$

$CDD: 15$

$\Sigma HDD: 1$

$\Sigma CDD: 171$

$\Sigma PCN_L: 1.30$

$T_{parts}: 72/71$

$T_{uv}: 70/63$

$T_w: 68$

$T_0: 66$

$PCN_{rs}: 0.06$

$\Sigma PCN_{re}: 1.38$



Saturday, August 17, 2007  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. —	Temp 70 °F	-SHRA 1245-1300 LT		
Min.	72 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set	73 °F	Char. Calm	Corr. 28.82 in.			
R.H.	81 %	24 hr. Mov. M mi.	Sea L. 30.12 in.	0700 Clds. Ci 2/10	1300 Clds.	1900 Clds. Ci, St 7/10
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. 15 mi.	Vis. mi.	Vis. 18 mi.

T: 79  
HDD: 0  
CDD: 14  
 $\Sigma$ HDD: 1  
 $\Sigma$ CDD: 185  
 $\Sigma$ PCNL: 1.30

T DAVIS: 73/69  
TUNN: 73/60

TW: 69  
TD: 67

PCNTB: T  
 $\Sigma$ PCNTB: 1.38

Sunday, August 18, 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. SSW	Temp 70 °F	-SHRA 1430-1435LT -SHRA 1515-1530LT * Record high Low. Previous 71 (1955)		
Min. # 72 °F	Vel. 3 m.p.h.	Read. 28.78 in.			
Set 74 °F	Char. light	Corr. 28.66 in.			
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 29.95 in.	0700 Clds. 10/10 St	1300 Clds.	1900 Clds. 7 10 cu
Ppn. Liq. 0.02 in.	Prev. Dir. M	3 hr. Tend. 130 mb	Wx Hz	Wx	Wx Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 5 mi.	Vis. mi.	Vis. 15 mi.

F: 80

HDD: 0

CDD: 15

$\Sigma$  HDD: 1

$\Sigma$  CDD: 200

$\Sigma$  PCNL: 1.32

T<sub>DAVIS</sub>: 73/70

T<sub>VNY</sub>: 72/68

T<sub>w</sub>: 70

T<sub>D</sub>: 68

PCNTB: 0.01

$\Sigma$  PCNTB: 1.39

MONDAY AUGUST 19 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	88 °F		Dir.	—		Temp	70 °F		* TIES RECORD MAX MIN (1914)		
Min.	70 * °F		Vel.	0 m.p.h.		Read.	28.81 in.				
Set	70 °F		Char.	CALM		Corr.	28.70 in.		0700	1300	1900
R.H.	73 %		24 hr. Mov.	— mi.		Sea L.	30.00 in.		Clds. 9/10 Sc, As, Ci	Clds. Ci 6/10 As	Clds. 10/10 St
Ppn.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	STEADY mb		Wx H 3	Wx H 2	Wx H 2
Ppn.	— in.		Snow Depth	— in.		Observer	H.M.-M.		Vis. 9 mi.	Vis. 15 mi.	Vis. 15 mi.

$$T = 19$$

$$HDD = 0$$

$$CDD = 14$$

$$\Sigma HDD = 1$$

$$\Sigma CDD = 214$$

$$\Sigma PCNL = 1.32$$

$$T_{DAVIS} = 70/65$$

$$TW = 64$$

$$T_{UNV} =$$

$$TD = 61$$

$$PCNTB = 0.01$$

$$\Sigma PCNTB = 1.39$$

Tuesday, August 20, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. -	Temp 70 °F	20:30 - 22:30 - RA			
Min. 68 °F	Vel. 0 m.p.h.	Read. 28.96 in.				
Set 70 °F	Char. Calm	Corr. 28.74 in.	0700	1300	1900	
R.H. 76 %	24 hr. Mov. - mi.	Sea L. 30.05 in.	Clds. cu 6/10 As Ci	Clds. cu 5/10 cu	Clds. cu 5/10 As	
Ppn. Liq. 0.02 in.	Prev. Dir. -	3 hr. Tend. +21 mb	Wx Hz	Wx -Hz	Wx Cool	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PAK	Vis. 15 mi.	Vis. 25 mi.	Vis. 20 mi.	



$$\bar{T} = 76$$

$$HDD = 0$$

$$CDD = 11$$

$$\Sigma HDD = 1$$

$$\Sigma CDD = 225$$

$$\Sigma PCN_c = 1.34$$

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

$$T_{Univ} = 70/62$$

$$T_w = 65^\circ$$

$$T_D = 62^\circ$$

$$PCN_{T8} = 0.00$$

$$\Sigma PCN_{T9} = 1.39$$



Wednesday August 21, 2002  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 68 °F				
Min. 58 °F	Vel. 0 m.p.h.	Read. 29.12 in.				
Set 60 °F	Char. Calm	Corr. 29.01 in.	0700	1300	1900	
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. 1/10 Ci	Clds. 4/10 Cu	Clds. 2/10 Ci	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.4 mb	Wx -Hz	Wx Warm	Wx -Hz	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 15 mi.	Vis. 17 mi.	Vis. 15 mi.	

$$\bar{T} = 69$$

$$HDD = 0$$

$$CDD = 4$$

$$\sum HDD = 1$$

$$\sum CDD = 229$$

$$\sum PCN_c = 1.34$$

$$T_{dqv} = 61/57$$

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

$$T_w = 54$$

$$T_d = 55$$

$$PCN_{TB} = 0.00$$

$$\sum PCN_{TB} = 1.39$$

Thursday August 22, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SSW	Temp 70 °F	* overnight Low 71		
Min.	60* °F	Vel. 4 m.p.h.	Read. 29.00 in.			
Set	71 °F	Char. Light	Corr. 28.89 in.			
R.H.	66 %	24 hr. Mov. - mi.	Sea L. 30.20 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. - 0.0 mb	Clds. Ci 6/70 cu	Clds. Cu 4/10 Cu	Clds. CB 10/10 CB
Ppn. Sol.	- in.	Snow Depth - in.	Observer RIM	Wx Fg	Wx Hz	Wx TSRA
				Vis. 10 mi.	Vis. 10 mi.	Vis. 2 mi.

$$\bar{T} = 73$$

$$HDD = 0$$

$$CDD = 8$$

$$EHDD = 1$$

$$ECDD = 237$$

$$EPCN_1 = 1.34$$

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

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

$$T_w = 67$$

$$T_D = 54$$

$$PCN_{-10} = 0.00$$

$$EPCN_{-10} = 1.39$$

Friday 23 August 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 91 °F	Dir. NE	Temp 70 °F		+TSRA 1900 - 1930 -SMAA 1930 - 2030 LT OCCL -DZ ONT		
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.86 in.				
Set 69 °F	Char. calm	Corr. 28.74 in.		0700	1300	1900
R.H. 91 %	24 hr. Mov. - mi.	Sea L. 30.04 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St	
Ppn. Liq. 0.71 in.	Prev. Dir. -	3 hr. Tend. +1 mb	Wx Fg, DZ	Wx H2, DZ	Wx Lt. Fg, rain	
Ppn. Sol. - in.	Snow Depth - in.	Observer DRH	Vis. 1/2 mi.	Vis. 2 mi.	Vis. 2 mi.	

$\bar{T}: 80$

$HDD: 0$

$CDD: 15$

$\Sigma HDD: 1$

$\Sigma CDD: 252$

$\Sigma PCN_L: 2.05$

$T_{DAYS}: 68/68$

$T_{UNV}: 66/66$

$T_w: 67$

$T_o: 66$

$PCN_{to}: 0.66$

$\Sigma PCN_{to}: 2.05$

Saturday, August 24, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp		-SHRA 1050-1200 LT -SHRA 1845-2000 LT -TSRA 0200LT-0345LT -SHRA 0600-0645 LT		
70 °F	-	70 °F				
Min.	Vel.	Read.				
67 °F	0 m.p.h.	28.68 in.				
Set	Char.	Corr.		0700	1300	1900
69 °F	Calm	28.56 in.				
R.H.	24 hr. Mov.	Sea L.		Clds. SE	Clds.	Clds. 5/10
90 %	M mi.	29.86 in.		10/10		St, Ac
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx	Wx	Wx
0.40 in.	M	130 mb		HZ		HZ
Ppn. Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.
0.0 in.	0 in.	JEP		4 mi.	mi.	10 mi.

T: 69  
HDD: 0  
CDD: 4  
 $\Sigma$ HDD: 1  
 $\Sigma$ CDD: 256  
 $\Sigma$ PCNL: 2.45

T DAVIS: 68/68  
TUNV: 68/66

TN: 67  
TB: 66

PCNTB: 0.36  
 $\Sigma$ PCNTB: 2.41



Sunday, August 25, 2007 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	SHRA 1540-1745 LT			
81 °F	NNW	68 °F				
Min.	Vel.	Read.				
65 °F	5 m.p.h.	28.77 in.	Set	Char.	Corr.	
64 °F	light	28.66 in.				
R.H.	24 hr. Mov.	Sea L.	0700	1300	1900	
81 %	M mi.	29.97 in.	Clds. 6/10	Clds.	Clds. Ci	6/10 ST
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.03 in.	M	1.1 mb	Fg			- HZ
Ppn. Sol.	Snow Depth	Observer	Vis	Vis.	Vis.	
0.0 in.	0 in.	JEP	3 mi.		mi.	20 mi.

T: 74  
HDD: 0  
CDD: 9  
 $\Sigma$ HDD: 1  
 $\Sigma$ CDD: 265  
 $\Sigma$ PCN<sub>L</sub>: 2.48

T<sub>DAVIS</sub>: 66/63  
T<sub>UNV</sub>: 66/60

T<sub>W</sub>: 62  
T<sub>D</sub>: 60

PCN<sub>B</sub>: 0.03  
 $\Sigma$ PCN<sub>TB</sub>: 2.44

Monday, August 26, 2002  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 68 °F				
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.99 in.				
Set 60 °F	Char. Calm	Corr. 28.88 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. Ci 8/10 St	Clds. 7/10 Cu, Ac, Ci	Clds. 2/10 Cu ac Ci	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx +Hz	Wx light Breeze	Wx <sup>weak</sup> light breeze	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.	

$$T = 69$$

$$HDD = 0$$

$$CDD = 4$$

$$\Sigma HDD = 1$$

$$\Sigma CDD = ~~2.68~~$$

$$\Sigma PCN_L = ~~1.71~~ 2.48"$$

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

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

$$T_w = 57$$

$$T_d = 55$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 2.44$$

Tuesday, August 27, 2002  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 70 °F				
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.07 in.				
Set 62 °F	Char. Calm	Corr. 28.95 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 9/10 Ci	Clds. 8/10 Cu, Ci	Clds. 6/10 cu, ci	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx HZ	Wx light drizzle	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer KRV	Vis. 2v10 mi.	Vis. 22 mi.	Vis. 13 mi.	

$$\bar{T} = 70$$

$$HDD = 0$$

$$CDD = 5$$

$$\Sigma HDD = 1$$

$$\Sigma CDD = 273$$

$$\Sigma PCN_L = 2.48''$$

$$T_{davis} = 63/62$$

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

$$T_w = 59^\circ$$

$$T_d = 57^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 2.44''$$

Wednesday, August 28, 2002 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir.	Temp			
		-	70 °F			
Min.	62 °F	Vel.	Read.			
		0 m.p.h.	29.08 in.			
Set	63 °F	Char.	Corr.	0700	1300	1900
		Calm	24.76 in.			
R.H.	69 %	24 hr. Mov.	Sea L.	Clds. 10/10 AS	Clds. 10/10 St. AS	Clds. 10/10 AS
		- mi.	30.30 in.			
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		-	1+1 mb	Chilly	HZ	Lt. Rain
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0.0 in.	RAK	25 mi.	4 mi.	5 mi.

$$\bar{T} = 71$$

$$HDD = 0$$

$$CDD = 6$$

$$\Sigma HDD = 1$$

$$\Sigma CDD = 279$$

$$\Sigma PCN_L = 2.48''$$

$$T_{davis} = 62/57$$

$$T_{unv} = 61/53$$

$$T_w = 56^\circ$$

$$T_d = 52^\circ$$

$$PCN_{Tg} = 0.00$$

$$\Sigma PCN_{Tg} = 2.44''$$



Thursday, August 29, 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	Dir.	Temp	1200-1800 occasional -RA								
69 °F	—	70 °F									
Min.	Vel.	Read.									
56 °F	0 m.p.h.	29.03 in.									
Set	Char.	Corr.	0700			1300			1900		
57 °F	calm	28.91 in.									
R.H.	24 hr. Mov.	Sea L.	Clds.			Clds.			Clds.		
78 %	— mi.	30.27 in.	10/10 As Acx			19/10 st			2/10 As		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx			Wx			Wx		
0.02 in.	—	-0.5 mb	Cool			cool -HE			Cool		
Ppn. Sol.	Snow Depth	Observer	Vis.			Vis.			Vis.		
0.0 in.	0.0 in.	PAK	25 mi.			20 mi.			22 mi.		

$$\bar{T} = 63$$

$$HDD = 2$$

$$CDD = 0$$

$$\Sigma HDD = 3$$

$$\Sigma CDD = 279$$

$$\Sigma PCN_{1/2} = 2.50''$$

$$T_{Davis} = 58/54$$

$$T_{Unv} = 57/51$$

$$T_w = 53^\circ$$

$$T_d = 50^\circ$$

$$PCN_{15} = 0.00$$

$$\Sigma PCN_{15} = 2.44''$$

FRIDAY, AUGUST 30 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. —	Temp 69 °F	-DZ ~ 1430 * DRYNT LOW 57 also		
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.	67 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. 8/10 St, Sc	Clds. 5/10 cu	Clds. 5/10 ci
Ppn. Ljq.	T in.	Prev. Dir. —	3 hr. Tend. / +2 mb	Wx HZ EAST	Wx Sunny!	Wx Nice
Ppn. Sol.	— in.	Snow Depth — in.	Observer R. W. M.	Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 62$$

$$HDD = 3$$

$$CDD = 0$$

$$\Sigma HDD = 6$$

$$\Sigma CDD = 279$$

$$\Sigma PCNL = 2.50^k$$

$$T_{DAVIS} = 60/57 \quad T_u = 53$$

$$T_{UNV} = 57/54 \quad T_D = 48$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = 2.44^k$$

Saturday August 31 2002 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. NE	Temp 68 °F			
Min.	57 °F	Vel. 0 m.p.h.	Read. 29.24 in.			
Set	57 °F	Char. calm	Corr. 29.13 in.			
R.H.	96 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	0700 Clds. $\frac{6}{10}$ ci	1300 Clds.	1900 Clds. 5/10 CU CI
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Fg	Wx	Wx H2
Ppn. Sol.	— in.	Snow Depth — in.	Observer RSM	Vis. 3 mi.	Vis. mi.	Vis. 18 mi.

$$\bar{T} = 66$$

$$HDD = 0$$

$$CDD = 1$$

$$E HDD = 6$$

$$E CDD = 280$$

$$E PCN_L = 2.50''$$

$$T_{DAYS} = 57/57$$

$$T_{UNV} =$$

$$T_w = 57$$

$$T_D = 56$$

AUGUST TEMPS

$$\bar{T}_{MAX} = 83.8$$
$$\bar{T}_{MIN} = 63.6$$
$$\bar{T}_{AVG} = 73.7$$

$$PCN_{TB} = 0.00$$

$$E PCN_{TB} = 2.44''$$