

Monday, September 1, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 80 °F	-RA 0015 - 0100LT +RA 0100 - 0245LT -RA 0245 - 0330LT DZ 0330 - OBS LT			
Min. 54* °F	Vel. 0 m.p.h.	Read. 29.05 in.	*OVNT LOW 60°			
Set 61 °F	Char. Calm	Corr. 28.91 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.25 in.	Clds. 10/10 NIS	Clds. 10/10 Sc	Clds. 10/10 St	
Ppn. Liq. 1.12 in.	Prev. Dir. M	3 hr. Tend. Steady mb	Wx Fg, DZ	Wx Fg	Wx Fg	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 1 mi.	Vis. 4 mi.	Vis. 2 mi.	

$\bar{T}: 63$
HDD: 2
CDD: 0
 Σ HDD: 2
 Σ CDD: 0
 Σ PCN: 1.12

$T_{DAVIS}: 60/60$ $T_w: 61$
 $T_{UNV}: 63/60$ $T_D: 61$

$PCN_{TB}: 1.35$
 $\Sigma PCN_{TB}: 1.35$

THURSDAY SEPTEMBER 2 2003

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir.	80 °F	* ONNT LOW: 64 DZ 0800-1100 LT RA OCCNL + RA 1100-1200 LT DZ OCCNL - RA 1200-1400 LT - RA OCCNL RA 1445-1700 LT - RA OCCNL RA 2115-0245 LT over		
Min.	61 * °F	Vel.	28.92 in.			
Set	67 °F	Char.	28.78 in.	0700	1300	1900
R.H.	96 %	24 hr. Mov.	Sea L.	Clds. AC	Clds. Sc	Clds.
		- mi.	30.09 in.	10/10 St	1/10 Sc	10/10 NS
Ppn. Liq.	0.40 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		-	- + 1 mb	Fg	Fg, DZ	- Ra, Fg
Ppn. Sol.	- in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		- in.	M.M.M.	15 mi.	15 mi.	2 mi.

$$\bar{T} = 66$$

$$400 = 0$$

$$C00 = 1$$

$$\Sigma H00 = 3$$

$$\Sigma C00 = 1$$

$$\Sigma PCNL = 1.52$$

$$TDAVIS = 68/68$$

$$TANU = 70/70$$

$$TW = 66$$

$$TD = 66$$

→ DZ 0000L - RA 024500L - 06000L

$$PCNTB = 0.36$$

$$\Sigma PCNTB = 1.71$$

Wednesday, September 3, 2003
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	69 °F	Dir.	—	Temp	81 °F	RA 1330-1430 LT (OCNL)		
Min.	61 °F	Vel.	0 m.p.h.	Read.	28.94 in.	-RA/DZ 1800-2145 LT		
Set	61 °F	Char.	Calm	Corr.	28.80 in.	-RA/DZ 0430-OBS LT (OCNL)		
R.H.	100 %	24 hr. Mov.	17 mi.	Sea L.	30.13 in.	0700	1300	1900
Ppn. Liq.	0.07 in.	Prev. Dir.	M	3 hr. Tend.	Steady mb	Clds.	Clds.	Clds.
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JEP	70/10 NS	10/10 NS	10/10 Sc
						Wx	Wx	Wx
						-DZ, HZ	-DZ	Fg
						Vis.	Vis.	Vis.
						10 mi.	10 mi.	6 mi.

\bar{T} : 65
HDD: 0
CDD: 0
 Σ HDD: 3
 Σ CDD: 1
 Σ PCNL: 1.59

T_{DAVIS} : 61/61
 T_{UNN} : 64/62

T_w : 61
 T_D : 61

PCN_{TB} : 0.00
 ΣPCN_{TB} : 1.71

Thursday, September 4, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. W	Temp 74 °F	*Overnight Low = 62° -TS 0815-0830LT			
Min. 61* °F	Vel. 1 m.p.h.	Read. 28.77 in.	-SHRA 0830-1045LT -SHRA 1630-1645LT -TSRA 1815-1835LT RA 2030-0000LT			
Set 62 °F	Char. Steady	Corr. 28.64 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 7/10 Ci, St Cs	Clds. 10/10 St	Clds. 9/10 Cu, AC	
Ppn. Liq. 0.39 in.	Prev. Dir. —	3 hr. Tend. 10.5 mb	Wx Fg	Wx HZ	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 5 mi.	Vis. 15 mi.	Vis. 20 mi.	

$$\bar{T} = 66^\circ$$

$$HDD = 0$$

$$CDD = 1$$

$$\Sigma HDD = 3$$

$$\Sigma CDD = 2$$

$$\Sigma PCML = 1.98''$$

$$T_{\text{Davis}} = 65^\circ$$

$$T_{\text{WV}} = 68^\circ$$

$$T_w = 60^\circ$$

$$T_D = 59^\circ$$

$$PCMLB = M$$

$$\Sigma PCMLTB = M$$

Friday, September 5, 2003
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-TSRA 1815-1845LT			
74 °F	NNW	78 °F				
Min.	Vel.	Read.				
55 °F	4 m.p.h.	28.92 in.				
Set	Char.	Corr.	0700	1300	1900	
57 °F	Steady	28.74 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. (S, AC)	Clds.	Clds.	
89 %	M mi.	30.03 in.	4/10 Sc, Ci		9/10 Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.06 in.	M	12.0 mb	HZ			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	JEP	15 mi.	mi.	25 mi.	

$\bar{T}: 65$
HDD: 0
CDD: 0
 Σ HDD: 3
 Σ CDD: 2
 Σ PCNL: 2.04"

$T_{\text{DAVIS}}: 57/55$
 $T_{\text{UNIV}}: 61/53$

$T_W: 55$
 $T_D: 54$

$PCN_{TB}: M$
 $\Sigma PCN_{TB}: M$

Saturday, September 6, 2003 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir.	Temp			
		-	78 °F			
Min.	50 °F	Vel.	Read.			
		0 m.p.h.	29.05 in.			
Set	51 °F	Char.	Corr.	0700	1300	1900
		calm	28.91 in.			
R.H.	84 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		- mi.	30.28 in.	CLR		3/10 ci
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		-	1.0 mb	FG		
Ppn. Sol.	- in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		- in.	SMM	5 mi.	mi.	25 mi.

$$\bar{T} = 58$$

$$HDD = 7$$

$$CDD = 0$$

$$\Sigma HDD = 10$$

$$\Sigma CDD = 2$$

$$\Sigma PCNL = 2.04''$$

$$T_{DAVIS} = 51/51$$

$$T_{ONV} = 51/51$$

$$T_w = 49$$

$$T_D = 46$$

$$PCNTB = M$$

$$\Sigma PCNTB = M$$

Sunday Sept 7, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 78 °F	*OUR Night Low - 52			
Min. *50 °F	Vel. — m.p.h.	Read. 28.92 in.				
Set 54 °F	Char. Calm	Corr. 28.79 in.				
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	0700 Clds. 7/10 Ci	1300 Clds.	1900 Clds. 8/10 Cs	
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. -0.0 mb	Wx Valley Fog	Wx	Wx	
Ppn. Sol. — in.	Snow Depth in.	Observer JAS	Vis. 4 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 60$$

$$H00 = 5$$

$$C00 = 0$$

$$\Sigma H00 = 15$$

$$\Sigma C00 = 2$$

$$\Sigma PCN_L = 2.04^*$$

$$T_{davis} = 54/54$$

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

$$T_w = 54$$

$$T_D = 54$$

$$PCN_{T0} = 4$$

$$\Sigma PCN_{T0} = 11$$

Monday, September 8, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	75 °F	Dir.	—	Temp	★OUNT LOW 57°		
				81 °F			
Min.	54* °F	Vel.	0 m.p.h.	Read.			
				28.99 in.			
Set	58 °F	Char.	Calm	Corr.			
				28.85 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	M mi.	Sea L.	Clds.	Clds.	Clds. Ci, 9/10Cu
				30.19 in.	4/10 Ci		
Ppn. Liq.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	Wx	Wx	Wx
				141.0 mb	Fg		—
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				JEP	2.5 mi.	mi.	15 mi.

T: 65

HDD: 0

CDD: 0

Σ HDD: 15

Σ CDD: 2

Σ PCNL: 2.04"

T_{DAVIS}: 58/57

T_{UNV}: 59/57

T_w: 57

T_o: 56

PCNTB: 0.00

Σ PCNTB: 1M

Tues, September 9, 2003
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. NNE	Temp 74 °F	*ovnt low 69			
Min. * 57 °F	Vel. 2 m.p.h.	Read. 29.08 in.				
Set 60 °F	Char. light	Corr. 28.96 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 10/10 Sc	Clds. 10/10 Sc	Clds. St. 5/10 Cl, Sc	
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx HZ	Wx HZ	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 7 mi.	Vis. 20 mi.	Vis. 20 mi.	

$$\bar{T} = 66$$

$$HDD = 0$$

$$CDD = 1$$

$$\sum HDD = 15$$

$$\sum CDD = 3$$

$$\sum PCN_L = 2.04''$$

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

$$T_{LWR} = 62/59$$

$$TW = 56$$

$$T_D = 53$$

$$PCN_{TIS} = 0.00$$

$$\sum PCN_{TIS} = M$$

Wednesday, September 10, 2003
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp		-SHRA 1315-1345LT		
68	°F	—	78 °F				
Min.		Vel.	Read.				
52	°F	0 m.p.h.	29.17 in.				
Set		Char.	Corr.		0700	1300	1900
53	°F	Calm	29.04 in.				
R.H.		24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.
93	%	M mi.		30.40 in.	Clear	3/10 Cu	9/10 CLR
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx
	0.01 in.	M		110.5 mb	Valley Fg		
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.
	0.0 in.	0 in.		JEP	20 mi.	25 mi.	20 mi.

T: 60
HDD: 5
CDD: 0
 Σ HDD: 20
 Σ CDD: 3
 Σ PCNL: 2.05"

T_{DAVIS}: 53/52
T_{UNV}: 52/51

T_w: 52
T_D: 51

PCNTB: M
 Σ PCNTB: M

Thursday, September 11, 2003 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. NE	Temp 76 °F			
Min.	52 °F	Vel. 0 m.p.h.	Read. 29.15 in.			
Set	54 °F	Char. Calm	Corr. 29.07 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. 0/10 CLR	Clds. 1/10 AC CU	Clds. 1/10 CI
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. 10.5 mb	Wx Valley Fg	Wx HZ	Wx HZ
Ppn. Sol.	— in.	Snow Depth — in.	Observer BPM	Vis. 3 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 62^\circ$
HDD = 3
CDD = 0
 $\Sigma \text{HDD} = 23$
 $\Sigma \text{CDD} = 3$

$T_{\text{DOWNS}} = 57^\circ$
 $T_{\text{ANNU}} = 55^\circ$

$T_w = 51^\circ$
 $T_D = 48^\circ$

$\Sigma \text{PCNL} = 2.05''$

PCNLTB = M
 $\Sigma \text{PCNLTB} = M$



FRIDAY SEPTEMBER 12 2003

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. E	Temp 73 °F	*OUNT LOW 60		
Min.	54 °F	Vel. 6 m.p.h.	Read. 29.12 in.			
Set	60 °F	Char. STEADY	Corr. 29.00 in.			
				0700	1300	1900
R.H.	84 %	24 hr. Mov. - mi.	Sea L. 30.36 in.	Clds. 7/10 Ci Ac	Clds.	Clds. 10/10 Ci AC SC
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. STEADY mb	Wx KZ	Wx	Wx -
Ppn. Sol.	- in.	Snow Depth - in.	Observer M.M.M.	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$\Sigma HDD = 23$$

$$\Sigma CDD = 3$$

$$\Sigma PCNL = 2.05''$$

$$TDAVIS = 60/58$$

$$TNAV = 63/57$$

$$TW = 57$$

$$TD = 55$$

$$PCNTB = M$$

$$\Sigma PCNTB = M$$

Saturday, September 13, 2008 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	69 °F	Dir.	NNE	Temp	0030-0145 - RA 0215-0245 - RA 0350-0405 - RA 0600-0725 - RA		
Min.	58 °F	Vel.	5 m.p.h.	Read.	29.10 in.		
Set	58 °F	Char.	light	Corr.	0700	1300	1900
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	Clds.	Clds.	Clds.
				30.33 in.	10/10 St		10/10 NS
Ppn. Liq.	0.02 in.	Prev. Dir.	—	3 hr. Tend.	Wx	Wx	Wx
				10.5 mb	-DZ		-02
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				SMM	3 mi.	mi.	3 mi.

T = 64

HDD = 1

CDD = 0

EHDD = 24

ECDD = 3

EPCNL = 2.07"

T_{DAVIS} = 58/58

T_W = 576

T_{UNV} = 60/59

T_D = 55

PCNLTB = M
EPCNLTB = M

Sunday Sept 14, 2003

0700 EST
 Meteorological Observatory
 University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. SE	Temp 72 °F	Read. 29.00 in.	* ONT LOW 60 0820-0845: -RA 0900-0915: -RA 0950-1140: -RA 1205-1245: -RA 0825-1630: -RA OCNL RA, TR		
Min. * 58 °F	Vel. 5 m.p.h.	Char. light	Corr. 28.88 in.	0700	1300	1900
Set 67 °F	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. 9/10 SC	Clds.	Clds. 10/10 NS	
R.H. 98 %	Prev. Dir.	3 hr. Tend. -0.0 mb	Wx —	Wx	Wx DZ	
Ppn. Liq. 0.49 in.	Snow Depth — in.	Observer JAS	Vis. 20 mi.	Vis.	Vis. 10 mi.	
Ppn. Sol. — in.						

$T = 67$
 $HDD = 1$
 $CDD = 0$
 $\Sigma HDD = 25$
 $\Sigma CDD = 3$
 $\Sigma PCNL = 2.56$

$T_{davis} = 70/68$
 $T_{unv} = 72/66$

$T_w = 11$
 $T_d = 66$

$PCN_{70} = 11$
 $\Sigma PCN_{70} = 11$

Monday, September 15, 2003

0700 EST

Meteorological
University Park, PA

General Obs.

Temp.		Wind	Barom.			
Max.	74 °F	Dir. S	Temp 72 °F	-RA 1245-1315 LT DZ 1945-2015 LT		
Min.	67 °F	Vel. 3 m.p.h.	Read. 28.93 in.			
Set	68 °F	Char. light	Corr. 28.81 in.	0700	1300	1900
R.H.	95 %	24 hr. Mov. M mi.	Sea L. 30.12 in.	Clds. 10/10 Sc	Clds. 7/10 Tcu cu sc	Clds. 9/10 Sc
Ppn. Liq.	0.01 in.	Prev. Dir. M	3 hr. Tend. Steady mb	Wx HZ	Wx HZ	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 5 mi.	Vis. 7 mi.	Vis. 22 mi.

HDD: 0
CDD: 6
 Σ HDD: 25
 Σ CDD: 9
 Σ PCNL: 2.57"

T DAVIS: 68/67
T UNV: 70/68

T W: 67
T D: 67

PCNTB: 17
 Σ PCNTB: 17

Tuesday, Sept 16, 2003
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp			* VIS 5 mi east, 20 mi west 16:15-17:55 LT +RA, RA, -RA 18:20-19:30 LT RA, -RA		
76 °F	—	78 °F					
Min.	Vel.	Read.					
52 °F	— m.p.h.	29.01 in.					
Set	Char.	Corr.			0700	1300	1900
53 °F	Calm	28.88 in.					
R.H.	24 hr. Mov.	Sea L.			Clds.	Clds.	Clds.
62 %	— mi.	30.23 in.			1/10 St	3/10 Cu	Clear
Ppn. Liq.	Prev. Dir.	3 hr. Tend.			Wx	Wx	Wx
0.88 in.	—	11.0 mb			HZ	Nice.	
Ppn. Sol.	Snow Depth	Observer			Vis.	Vis.	Vis.
— in.	— in.	SGH			5* mi.	25 mi.	25 mi.

$$\bar{T} = 64$$

$$+HDD = 7$$

$$CDD = 0$$

$$\Sigma HDD = 26$$

$$\Sigma CDD = 9$$

$$\Sigma PCN_L = 3.45''$$

$$T_{Davis} = 55/55$$

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

$$T_W = 47$$

$$T_D = 41$$

$$PCN_{TB} = M$$

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

Wednesday, September 17, 2003 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. —	Temp 78 °F			
Min.	51 °F	Vel. 0 m.p.h.	Read. 29.18 in.			
Set	52 °F	Char. Calm	Corr. 29.05 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov. M mi.	Sea L. 30.41 in.	Clds. Clear	21 Cu	Clds. Clear
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. 42.0 mb	Wx HZ,	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Valley Fg	Vis. 5 mi.	20 mi.
					20 mi.	20 mi.

T: 62
HDD: 3
CDD: 0
 Σ HDD: 29
 Σ CDD: 9
 Σ PCNL: 3.45"

T_{DAVIS}: 54/53
T_{UNV}: 52/50

T_w: 50
T_D: 48

PCNTB: 0.00
 Σ PCNTB: 17

Thursday, September 18, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	* Overnight Low = 54°			
71	°F	NNE	78 °F				
Min.		Vel.	Read.				
51*	°F	5 m.p.h.	29.14 in.				
Set		Char.	Corr.	0700	1300	1900	
55	°F	Variable	29.00 in.				
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
77	%	— mi.	30.35 in.	10/10 Sc	10/10 NS	10/10 NS	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00	in.	—	-0.0 mb	H2, Valley Fg	-RA, breezy	RA, Breezy	
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
—	in.	— in.	BPM	6 mi.	20 mi.	18 mi.	

$\bar{T} = 61^\circ$
HDD = 4
CDD = 0
ZHDD = 33
ZCDD = 9

$T_{max} = 57^\circ$
 $T_{min} = 55^\circ$

$T_w = 51^\circ$
 $T_p = 48^\circ$

$\Sigma PCM = 3.45''$

$PCM_{TB} = M$
 $\Sigma PCM_{TB} = M$

FRIDAY SEPTEMBER 19 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp			* OVERNIGHT LOW 63 ** ISABEL'S PK. E-WIND 43 MPH 46 MPH 1905 PRESET -RA 1640 - 1800 LT (OCCNL-RA 185-194) -RA OCCNL RA, +RA WITH SQUALLS 2115 - 0000 LT -RA OCCNL D2 0000 - OBS LT		
68 °F	SE	73 °F					
Min.	Vel.	Read.					
55 * °F	24 m.p.h.	29.47 in.					
Set	Char.	Corr.			0700	1300	1900
65 °F	GUSTY **	28.35 in.					
R.H.	24 hr. Mov.	Sea L.			Clds.	Clds.	Clds.
94 %	— mi.	29.65 in.			10/10 NS		10/10 St
Ppn. Liq.	Prev. Dir.	3 hr. Tend.			Wx Squall	Wx	Wx
1.34 in.	—	1+1 mb			RA, Gusts to 35		-DE
Ppn. Sol.	Snow Depth	Observer			Vis.	Vis.	Vis.
— in.	— in.	M.M.M.			12 mi.	mi.	~10 mi.

$$\bar{T} = 62$$

$$HDB = 3$$

$$COD = 0$$

$$\Sigma HDB = 36$$

$$\Sigma COD = 9$$

$$\Sigma PCNL = 4.794$$

$$TANV = 68/64$$

$$TDAVIS = 65/64$$

$$TW = 64$$

$$TD = 63$$

$$PCN_{TB} = 0.71$$

$$\Sigma PCN_{TD} = M$$

Saturday, September 20, 2003 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp	OBS - 1115 ^u - RA 1130-1215 ^u - RA 1245-1915 ^u - RA OCCL RA		
66	°F		---	71 °F			
Min.			Vel.	Read.			
60	°F		0 m.p.h.	29.04 in.			
Set			Char.	Corr.	0700	1300	1900
61	°F		calm	28.92 in.			
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
84	%		— mi.	30.26 in.	4/10 Cu		0/10
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
.24	in.		—	19.5 mb	—		—
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
—	in.		— in.	SMM	15 mi.	mi.	25 mi.

$$\bar{T} = 63$$

$$HDD = 2$$

$$COD = 0$$

$$\Sigma HDD = 38$$

$$\Sigma COD = 9$$

$$\Sigma PCNL = 503''$$

<

$$T_{DAVS} = 61/60$$

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

$$T_W = 58$$

$$T_D = 56$$

$$PCNTB = .27$$

$$\Sigma PCNTB = M$$

Sunday September 21, 2003 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.			Dir.		Temp				
70	°F		-		75	°F			
Min.			Vel.		Read.				
49	°F		-	m.p.h.	21.14	in.			
Set			Char.		Corr.				
51	°F		calm		24.01	in.	0700	1300	1900
R.H.			24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.	
100	%		-	mi.	30.31	in.	7/10 Sc		8/10 Cs
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
0.00	in.		-		11.0	mb	valley fog		HZ
Ppn.	Sol.		Snow Depth		Observer	Vis.	Vis.	Vis.	
-	in.		-	in.	JAS	3	mi.	mi.	20

$$\bar{T} = 60$$

$$HOD = 5$$

$$COO = 0$$

$$\Sigma HOD = 43$$

$$\Sigma COO = 9$$

$$\Sigma PCWL = 5.03''$$

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

$$T_{unw} = 51/50$$

$$\bar{T}_w = 51$$

$$T_d = 51$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0$$

Monday, September 22, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp	★DVNT LOW 63°		
68	°F		S	71 °F			
Min.			Vel.	Read.			
51★	°F		3 m.p.h.	29.00 in.			
Set			Char.	Corr.	0700	1300	1900
64	°F		light	28.88 in.			
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
93	%		M mi.	30.21 in.	10/108t	10/10Sc	NS
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.00	in.		M	L-1.0mb	Fg		RA
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
0.0	in.		0 in.	JEP	2 mi.	10 mi.	— mi.

T: 60
HDD: 5
CDD: 0
 Σ HDD: 48
 Σ CDD: 9
 Σ PCNL: 5.03"

T DAVIS: 64/63
TUNY: 66/62

TW: 63
TD: 62

PCNTB: 0.00
 Σ PCNTB: 11

Tuesday, Sept 23, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	71 °F		Dir.	WSW		Temp	71 °F		15:55 - 16:55 LT - RA 16:55 - 01:50 LT RA, cont -RA, + RA		
Min.	60 °F		Vel.	7 m.p.h.		Read.	28.68 in.				
Set	60 °F		Char.	light		Corr.	28.56 in.		0700	1300	1900
R.H.	78 %		24 hr. Mov.	— mi.		Sea L.	29.88 in.		Clds. Cu, 8/10 Ci	Clds. Cu 6/10 Ac	Clds. Ci 7/10 Cu
Ppn. Liq.	1.22 in.		Prev. Dir.	—		3 hr. Tend.	- to 0mb		Wx HZ	Wx breezy, cool	Wx HZ
Ppn. Sol.	— in.		Snow Depth	— in.		Observer	SGH		Vis. 12 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 66$$

$$HDD = 0$$

$$CDD = 1$$

$$\Sigma HDD = 48$$

$$\Sigma CDD = 10$$

$$\Sigma PCN_L = 6.25''$$

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

$$T_{unv} = 62/59$$

$$T_w = 56$$

$$T_D = 53$$

$$PCN_{TB} = M$$

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

Wednesday, September 24, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SHRA 1315-1330 LT			
68 °F	—	75 °F				
Min.	Vel.	Read.				
49 °F	0 m.p.h.	29.00 in.				
Set	Char.	Corr.	0700	1300	1900	
50 °F	Calm	28.87 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
90 %	M mi.	30.23 in.	2/10 Ci	0/10 CLR	0/10 CLR	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx HZ,	Wx	Wx	
T in.	M	11.5 mb	Valley Fg			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	JEP	20 mi.	25 mi.	— mi.	

T: 59
HDD: 6
CDD: 0
 Σ HDD: 54
 Σ CDD: 10
 Σ PCNL: 6.25"

T_{DAVIS}: 52/50
T_{UNV}: 54/50

T_w: 48
T_D: 47

PCN_{TB}: 0.00
 Σ PCN_{TB}: 11

Thursday, September 25, 2003 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. SW	Temp 77 °F	* ovnt low 56		
Min.	50 °F	Vel. 3 m.p.h.	Read. 28.73 in.			
Set	50 °F	Char. light	Corr. 28.59 in.			
R.H.	72 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. —0.0 mb	Clds. 8/10 Ci Ac	Clds. 10/10 St	Clds. 5/10 Ci
Ppn. Sol.	— in.	Snow Depth — in.	Observer SMM	Wx HZ	Wx HZ	Wx HZ
				Vis. 20 mi.	Vis. 18 mi.	Vis. 12 mi.

$$\bar{T} = 60$$

$$HDD = 5$$

$$CDD = 0$$

$$\Sigma HDD = 59$$

$$\Sigma CDD = 10$$

$$\Sigma PCNL = 6.25''$$

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

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

$$T_w = 51$$

$$T_0 = 47$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = M$$

FRIDAY SEPTEMBER 26 2003

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. —	Temp 74 °F	-SHRA 1145-1300 LT -DE 0630-0830			
Min. 47 °F	Vel. 0 m.p.h.	Read. 28.91 in.				
Set 48 °F	Char. CALM	Corr. 28.79 in.	0700	1300	1900	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 10/10 Sc	Clds.	Clds. 10/10 Sc	
Ppn. Liq. 0.4 in.	Prev. Dir.	3 hr. Tend. +0.5 mb	Wx F9.02	Wx	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer J.M.M.	Vis. 1/8 mi.	Vis. mi.	Vis. 12 mi.	

$$\bar{T} = 56$$

$$HDD = 9$$

$$CDD = 0$$

$$\Sigma HDD = 68$$

$$\Sigma CDD = 10$$

$$\Sigma PCNL = 6.36''$$

$$TDAVIS = 48/48$$

$$TNUV = 52/50$$

$$TW = 48$$

$$TJ = 47$$

Saturday, September 27, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SW	Temp 71 °F	*Overnight Low = 64° -0Z OBS-0805LT		
Min.	47 * °F	Vel. 7 m.p.h.	Read. 28.73 in.			
Set	65 °F	Char. Variable	Corr. 28.61 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 2/10 cu sc	Clds.	Clds. 10/10 ¹⁵ 10
Ppn. Liq.	Trace in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx Hz, Valley Fg	Wx	Wx FRA, LFG
Ppn. Sol.	— in.	Snow Depth — in.	Observer BPM	Vis. 15 mi.	Vis. mi.	Vis. 1 mi.

$\bar{T} = 58$

HDD = 7

CDD = 0

Σ HDD = 75

Σ CDD = 10

Σ PCNLTB = 6.36"

$T_{UNV} = 68^{\circ}$

$T_{DAYS} = 65^{\circ}$

$T_w = 60^{\circ}$

$T_D = 57^{\circ}$

PCNLTB = M

Σ PCNLTB = M

Sunday September 26, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 76 °F		1815 - 2030	TS RA, TAA	
Min. 53 °F	Vel. — m.p.h.	Read. 28.65 in.		2030 - 2345	-RA	
Set 53 °F	Char. calm	Corr. 28.52 in.		0030 - 0230	-RA	
				0410 - 0425	-RA	
R.H. 106 %	24 hr. Mov. — mi.	Sea L. 29.80 in.		0700	1300	1900
Ppn. Liq. 0.85 in.	Prev. Dir. —	3 hr. Tend. — 0.0mb		Clds. 9/10 SC	Clds.	Clds. 19/10 NS
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS		Wx Vally Fy	Wx	Wx -RA, HZ
				Vis. 4 mi.	Vis. mi.	Vis. 8 mi.

$$\bar{T} = 63$$

$$H_{CO} = 2$$

$$C_{CO} = 0$$

$$\Sigma H_{CO} = 77$$

$$\Sigma C_{CO} = 10$$

$$\Sigma PCN_L = 7.21''$$

$$T_{dau5} = 53/53$$

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

$$T_w = 53$$

$$T_a = 53$$

$$PCN_{T8} = 14$$

$$\Sigma PCN_{T8} = 14$$

Monday, September 29, 2003

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp		-RA 1945-2015 LT				
63 °F	WSW	74 °F						
Min.	Vel.	Read.						
48 °F	10 m.p.h.	28.83 in.						
Set	Char.	Corr.						
49 °F	Steady	28.71 in.						
R.H.	24 hr. Mov.	Sea L.		0700	1300	1900		
86 %	M mi.	30.07 in.		Clds. Sc, Ac, 8/10 AS	Clds.	Clds. 6/10 Sc		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx	Wx	Wx		
T in.	M	+1.0 mb		H2		-		
Ppn. Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.		
0.0 in.	0 in.	JEP		25 mi.	mi.	10 mi.		

\bar{T} : 56
HDD: 9
CDD: 0
 Σ HDD: 86
 Σ CDD: 10
 Σ PCN_L: 7.21"

T_{DAVIS}: 48/45
T_{UNV}: 50/46

T_w: 47
T_D: 45

PCN_{TB}: M
 Σ PCN_{TB}: M

Tues, Sept 30, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SW	Temp 73 °F				
Min. 43 °F	Vel. 2 m.p.h.	Read. 29.07 in.				
Set 44 °F	Char. light	Corr. 28.95 in.				
			0700	1300	1900	
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 1/10 Cu	Clds. 7/10 Cu	Clds. 6/10 Cu	As CS
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. 14.5 mb	Wx HZ	Wx Breezy	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 18 mi.	Vis. 25 mi.	Vis. 20 mi.	

$\bar{T} = 49$
HDD = 16
CDD = 0
 Σ HDD = 102
 Σ CDD = 10
 Σ PCNL = 7.21"

$T_{\text{dawn}} = 44/43$
 $T_{\text{dusk}} = 46/42$

$T_w = 38$
 $T_o = 30$

Set
TEMPS!

$T_{\text{max}} = 69.6$
$T_{\text{min}} = 53.7$
$T_{\text{set}} = 61.65^\circ\text{F}$

PCN_{TR} = M
 Σ PCN_{TR} = M