



T: 52

HDD: 13

CDD: 0

$\Sigma$  HDD: 13

$\Sigma$  CDD: 0

$\Sigma$  PCN<sub>i</sub>: 0.14"

T<sub>DAVIS</sub>: 45/44

T<sub>W</sub>: 45

T<sub>UNV</sub>: 48/44

T<sub>D</sub>: 45

PCN<sub>TB</sub>: M

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

Thursday, October 2, 2003

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.		Wind		Barom.					
Max.	Dir.	Temp		-DZ OBS - 0825LT -RA 0540 - 0600LT					
55 °F	W	73 °F							
Min.	Vel.	Read.							
39 °F	5 m.p.h.	28.96 in.							
Set	Char.	Corr.							
39 °F	Steady	28.83 in.					0700	1300	1900
R.H.	24 hr. Mov.	Sea L.					Clds.	Clds.	Clds.
62 %	mi.	30.17 in.					6/10 Sc Cu	4/10 Sc	3/10 Sc
Ppn. Liq.	Prev. Dir.	3 hr. Tend.					Wx	Wx	Wx
0.01 in.	—	10.5 mb						BREEZY	
Ppn. Sol.	Snow Depth	Observer					Vis.	Vis.	Vis.
0.0 in.	0 in.	BPM					25 mi.	20 mi.	20 mi.

HOD = 18  
COD = 0  
 $\Sigma$ HOD = 31  
 $\Sigma$ COD = 0

$T_{Dms} = 39^\circ$   
 $T_{NW} = 43^\circ$

$T_w = 35^\circ$   
 $T_D = 27^\circ$

$\Sigma PCM = 0.15'$

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

FRIDAY OCTOBER 3 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	49 °F	Dir.	—	Temp	* TIES RECORD SOLID MMR (1974)		
Min.	34 °F	Vel.	0 m.p.h.	72 °F	-GS 1150-1155LT		
Set	34 °F	Char.	CALM	Read.	-RA 1225-1230LT		
				29.02 in.	-AA, GS, OR 1750-1755LT		
				Corr.	0700	1300	1900
R.H.	82 %	24 hr. Mov.	— mi.	28.90 in.	Clds.	Clds.	Clds.
					SEA L.		3/10 SC
					30.31 in.		
Ppn. Liq.	0.02 in.	Prev. Dir.	—	3 hr. Tend.	Wx 150	Wx	Wx
				STEADY mb	VALENTY #0		
Ppn. Sol.	T* in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				M.M.M.	25 mi.	mi.	20 mi.

$$T = 42$$

$$MDD = 23$$

$$CDB = 0$$

$$\Sigma MDD = 54$$

$$\Sigma CDB = 0$$

$$\Sigma PCNL = 0.17$$

$$TDNVS = 35/32$$

$$TANV = 26/32$$

$$TW = 32$$

$$TD = 29$$

$$PCNTB = 4$$

$$\Sigma PCNTB = 4$$

Saturday, Oct. 4, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. SW	Temp 74 °F	0020 - 0030 LT - RA		
Min.	34 * °F	Vel. 5 m.p.h.	Read. 28.51 in.	0115 - 0505 LT - RA		
Set	47 °F	Char. gusty	Corr. 28.38 in.	* DUNT LOW = 44		
R.H.	80 %	24 hr. Mov. - mi.	Sea L. 29.73 in.	0700	1300	1900
Ppn. Liq.	0.06 in.	Prev. Dir. -	3 hr. Tend. 1-2.0 mb	Clds. 10/10 St	Clds.	Clds. 2/10 Sc
Ppn. Sol.	- in.	Snow Depth - in.	Observer SMM	Wx	Wx	Wx
				Vis. 25 mi.	Vis.	Vis. 25 mi.

$T = 45$   
 $HDD = 20$   
 $CDD = 0$   
 $\Sigma HPD = 74$   
 $\Sigma CDD = 0$   
 $\Sigma PCNL = 0.03$

$T_{DAVIS} = 47/45$   $T_w = 44$   
 $T_{UNV} = 48/46$   $T_b = 41$

$PCNTB = M$   
 $\Sigma PCNTB = M$



Sunday Oct 5, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. WSW	Temp 72 °F	0850 - 1340 -RA OCNL RA, +RA		
Min.	41 °F	Vel. 5 m.p.h.	Read. 28.80 in.	1623-1648 -RA		
Set	43 °F	Char. Light	Corr. 28.68 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 5/10 SC	Clds.	Clds. 1/10 Ci
Ppn. Liq.	0.21 in.	Prev. Dir. —	3 hr. Tend. 1.0 mb	Wx —	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JAS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\begin{aligned}\bar{T} &= 46 \\ HOD &= 19 \\ COD &= 0 \\ \Sigma HOD &= 93 \\ \Sigma COD &= 0 \\ \Sigma PCNL &= 0.44\end{aligned}$$

$$\begin{aligned}T_{davis} &= 43/38 \\ T_{unu} &= 45/37\end{aligned}$$

$$\begin{aligned}T_w &= 41 \\ T_d &= 40\end{aligned}$$

$$\begin{aligned}PCNTB &= M \\ \Sigma PCNTB &= M\end{aligned}$$

Monday October 6, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. —	Temp 72 °F			
Min.	34 °F	Vel. 0 m.p.h.	Read. 28.97 in.			
Set	35 °F	Char. Calm	Corr. 28.85 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. M mi.	Sea L. 30.26 in.	Clds. 1/10 Ci	Clds. 3/10 Cu	Clds. 0/10 -
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. +1.5 mb	Wx Valley Fg	Wx	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 44$

HDD: 21

CDD: 0

$\Sigma$ HDD: 114

$\Sigma$ CDD: 0

$\Sigma$ PCNL: 0.44

$T_{\text{DAVIS}}: 36/35$

$T_W: 33$

$T_{\text{UNY}}: 36/33$

$T_D: 30$

$PCNTB: 0.00$

$\Sigma PCNTB$  M

Tues., Oct 7, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. —	Temp 72 °F			
Min.	35 °F	Vel. — m.p.h.	Read. 29.00 in.			
Set	36 °F	Char. calm	Corr. 28.88 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. Ci, 1/10 St	Clds. 1/10 Ci	Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx valley fog	Wx	Wx Pleasant
Ppn. Sol.	— in.	Snow Depth — in.	Observer SGT	Vis. 18 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 45$$

$$HDD = 20$$

$$CDD = 0$$

$$\Sigma HDD = 134$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = .44''$$

$$T_{oasis} = 36/35$$

$$T_{wv} = 35/33$$

$$T_w = 33$$

$$T_D = 30$$

$$PCN_{TB} = M$$

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

WEDNESDAY OCTOBER 8 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F		Dir. —	Temp 74 °F	* OVERNIGHT LOW 44°		
Min. 36 * °F		Vel. 0 m.p.h.	Read. 29.08 in.			
Set 44 °F		Char. CALM	Corr. 28.96 in.			
				0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 10/10 st	Clds. 0/10 CLR	Clds. 0/10 CLR
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Fg	Wx	Wx
Ppn. Sol. 0.0 in.		Snow Depth — in.	Observer M.M.M.	Vis. 1/8 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 50$$

$$HDD = 15$$

$$COD = 0$$

$$\Sigma HDD = 149$$

$$\Sigma COD = 0$$

$$\Sigma PCNL = .44''$$

$$T_{DAVIS} = 42/42$$

$$T_{UNV} =$$

$$T_W = 44$$

$$T_D = 44$$

$$PCNTB = M$$

$$\Sigma PCNTB = M$$



Thursday, October 9, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	*Overnight Low 48°			
71 °F	SSE	75 °F				
Min.	Vel.	Read.				
44* °F	0 m.p.h.	29.13 in.				
Set	Char.	Corr.	0700	1300	1900	
49 °F	Calm	29.00 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. Ci	Clds. Ci, Co	Clds. AS	
74 %	— mi.	30.36 in.	4/10 Cs	1/10 Cu	6/10 Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	1.5 mb	Fg	H2	H2	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.00 in.	0 in.	BPM	3/5 mi.	20 mi.	20 mi.	

$T = 60^\circ$   
HDD = 5  
CDD = 0  
 $\Sigma$ HDD = 156  
 $\Sigma$ CDD = 0

$T_{UNV} = 48^\circ$   
 $T_{DAVIS} = 48^\circ$

$T_W = 45^\circ$   
 $T_D = 41^\circ$

$\Sigma$ PCNL = 0.44"

PCNLTB = M  
 $\Sigma$ PCNLTB = M

Friday, October 10, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp			*DVNT LOW 54°		
73 °F	—	81 °F					
Min.	Vel.	Read.					
*49 °F	0 m.p.h.	29.07 in.					
Set	Char.	Corr.		0700	1300	1900	
55 °F	Calm	28.93 n.					
R.H.	24 hr. Mov.	Sea L.		Clds.	Clds.	Clds.	
100 %	M mi.	30.28 in.		10/10 St		4/10 Ci	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx	Wx	Wx	
0.00 in.	M	41.0 mb		Fg		HZ	
Ppn. Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.	
0.0 in.	0 in.	JEP		1.5 mi.	mi.	20 mi.	

$\bar{T}: 61$

HDD: 4

CDD: 0

$\Sigma$  HDD: 160

$\Sigma$  CDD: 0

$\Sigma$  PCN<sub>L</sub>: 0.44"

$\bar{T}_{DAVIS}: 55/55$

$\bar{T}_{UNV}: 55/53$

$\bar{T}_W: 55$

$\bar{T}_D: 55$

PCN<sub>TB</sub>: 0.00

$\Sigma$  PCN<sub>TB</sub>: 11

Saturday, October 11, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	73 °F	Dir.	—		Temp	80 °F		
Min.	52 °F	Vel.	0 m.p.h.		Read.	29.10 in.		
Set	52 °F	Char.	calm		Corr.	28.95 in.		
R.H.	90 %	24 hr. Mov.	— mi.		Sea L.	1.36 in.		
Ppn. Liq.	0.00 in.	Prev. Dir.	—		3 hr. Tend.	30.31 mb		
Ppn. Sol.	— in.	Snow Depth	— in.		Observer	SMM		
						0700	1300	1900
						Clds.	Clds.	Clds.
						X		0/10
						Wx	Wx	Wx
						+FG		—
						Vis.	Vis.	Vis.
						< 1/4 mi.	mi.	20 mi.

$$\bar{T} = 63$$

$$HDD = 2$$

$$CDD = 0$$

$$\Sigma HDD = 102$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.44''$$

$$T_{DAVIS} = 53/52$$

$$T_W = 50$$

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

$$T_D = 49$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = M$$

Sunday Oct 12, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 76 °F				
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.80 in.				
Set 46 °F	Char. calm	Corr. 28.67 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Clds. Ci 4/10 ci, cu cst	Clds.	Clds. Ci 7/10 AS	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 11.0 mb	Wx Fg	Wx	Wx HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 1/2 mi.	Vis. mi.	Vis. 15 mi.	

$$\bar{T} = 58$$

$$MOO = 7$$

$$COO = 0$$

$$\Sigma MOO = 169$$

$$\Sigma COO = 0$$

$$\Sigma PCN_L = 0.44$$

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

$$T_{unu} = 46/45$$

$$T_w = 46$$

$$T_u = 46$$

$$PCN_{T3} = 4$$

$$\Sigma PCN_{T6} = 17$$



Monday, October 13, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. WSW	Temp 78 °F			
Min.	46 °F	Vel. 3 m.p.h.	Read. 28.92 in.			
Set	47 °F	Char. light	Corr. 28.79 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov. M mi.	Sea L. 30.16 in.	Clds. Clear	Clds. Clear	Clds. C 3/10
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. +1.5 mb	Wx Valley Fog	Wx	Wx HZ
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T}: 60$

HDD: 5

CDD: 0

$\Sigma$  HDD: 174

$\Sigma$  CDD: 0

$\Sigma$  PCNL: 0.44

$T_{DAVIS}: 48/46$       $T_W: 45$

$T_{UNV}: 46/44$       $T_D: 43$

$PCN_{TB}: 0.00$

$\Sigma PCN_{TB}: 17$

Tues, October 14, 2003  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.			Dir.	Temp	* ovnt icw 49			
68	°F		—	77				°F
Min.			Vel.	Read.				
47	*°F		— m.p.h.	28.70	in.			
Set			Char.	Corr.	0700	1300	1900	
49	°F		calm	28.57				
R.H.			24 hr. Mov.	Sea L.	Clds. cc,	Clds. St.	Clds. Ms	
69	%		— mi.	29.92	10/10 Ac	10/10 Sc, Bk	10/10 Ms	
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
—	in.		—	7-1.0 mb	—	HZ	RA	
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.	
—	in.		— in.	SGH	25 mi.	20 mi.	5 mi.	

$$\begin{aligned}\bar{T} &= 58 \\ HDD &= 7 \\ CDD &= 0 \\ \Sigma HDD &= 181 \\ \Sigma CDD &= 0 \\ \Sigma PCN_L &= .44''\end{aligned}$$

$$\begin{aligned}T_{oasis} &= 49/46 \\ T_{uvv} &= 48/46\end{aligned}$$

$$\begin{aligned}T_w &= 44 \\ T_o &= 39\end{aligned}$$

$$\begin{aligned}PCN_{TB} &= M \\ \Sigma PCN_{TB} &= M\end{aligned}$$

Wednesday, October 15, 2003  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	100 °F	Dir.	W	Temp	77 °F	-RA 1600-1715 LT OCCNL			
Min.	49 °F	Vel.	23 m.p.h.	Read.	28.34 in.	RA 1715 - 2300 LT			
Set	49 °F	Char.	G31	Corr.	28.20 in.	-RA 2300-0000 LT			
R.H.	93 %	24 hr. Mov.	11 mi.	Sea L.	29.53 in.	0700	1300	1900	
Ppn. Liq.	0.91 in.	Prev. Dir.	M	3 hr. Tend.	43.0 mb	Clds.	10/10 NS	Clds.	8/10 Cu
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JEP	Wx	DZ	Wx	Windy
						Vis.	25 mi.	Vis.	25 mi.
								Vis.	Breezy

-RA 1600-1715 LT OCCNL  
RA 1715 - 2300 LT  
-RA 2300-0000 LT  
DZ 0400-0800 LT OCCNL

0700	1300	1900
Clds.	8/10 Cu	4/10 Cu
Wx	Windy	Breezy
Vis.	25 mi.	25 mi.

T: 55

HDD: 10

CDD: 0

$\Sigma$  HDD: 191

$\Sigma$  CDD: 0

$\Sigma$  PCNL: 1.35

T DAVIS: 49/45

T<sub>w</sub>: 48

T<sub>UNV</sub>: 52/42

T<sub>D</sub>: 47

PCN<sub>TB</sub>: 1.83

$\Sigma$  PCN<sub>TB</sub>: 11

Thursday, October 16, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. SW	Temp 74 °F	OBS-0830 LT - RA		
Min.	47 °F	Vel. 6 m.p.h.	Read. 28.70 in.	1000-1010 LT - RA		
Set	48 °F	Char. gusty	Corr. 28.57 in.	1030-1200 LT - RA		
R.H.	61 %	24 hr. Mov. - mi.	Sea L. 29.93 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir. -	3 hr. Tend. 1.5 mb	Clds. CLR	Clds. 10/10 NS	Clds.
Ppn.	- in.	Snow Depth - in.	Observer SMM	Wx	Wx -RA	Wx
				Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

\* 60 mph PK GUST

T = 03  
HDD = 12  
CDD = 0  
 $\Sigma$ HDD = 203  
 $\Sigma$ CDD = 0  
 $\Sigma$ PCNL = 1.35<sup>+</sup>

T<sub>DAVIS</sub> : 48/37  
T<sub>UNW</sub> : 48/33

T<sub>w</sub> : 42  
T<sub>o</sub> : 35

PCNTB : 0.00  
 $\Sigma$ PCNTB : M



FRIDAY OCTOBER 17 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	57 °F		Dir.	-		Temp	-RA (OCCASIONAL) 1300-1630 LT		
Min.	43 °F		Vel.	0 m.p.h.		Read.	28.99 in.		
Set	44 °F		Char.	CALM		Corr.	28.87 in.		
R.H.	86 %		24 hr. Mov.	- mi.		Sea L.	30.25 in.		
Ppn.	Liq.	0.01 in.	Prev. Dir.	-		3 hr. Tend.	+1 mb		
Ppn.	Sol.	0.0 in.	Snow Depth	- in.		Observer	JRM:JM		
						0700	1300	1900	
						Clds.	Clds.	Clds.	
						10/10 As	19/10 Ms	6/10 Sc	
						Wx	Wx	Wx	
						H2	-DZ, Fg	Fg	
						Vis.	Vis.	Vis.	
						10 mi.	6 mi.	- mi.	

$$\bar{T} = 50$$

$$HDD = 15$$

$$CDD = 0$$

$$\Sigma HDD = 218$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 1.36''$$

$$TDAVIS = 43/42$$

$$TW = 42$$

$$TNAV = 45/43$$

$$TD = 40$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = M$$

Saturday, October 18, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.		Dir.	Temp	*RA 1100-1845 LT (OCAL)				
119	°F	SW	72					°F
Min.		Vel.	Read.					
36	°F	2 m.p.h.	28.98	in.				
Set		Char.	Corr.	0700	1300	1900		
36	°F	Light	28.86	in.				
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
87	%	— mi.	30.26	in.	10/10	10/10		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
0.16	in.	—	-0.0	mb	Valley Fog	—		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0.0	in.	0 in.	BPM	15	mi.	—		

$$HDD = 22$$

$$CDD = 0$$

$$\bar{T} = 43^\circ$$

$$\Sigma HDD = 240$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 1.52''$$

$$T_{\text{Davis}} = 37^\circ$$

$$T_{\text{UNV}} = 39^\circ$$

$$T_w = 33^\circ$$

$$T_o = 30^\circ$$

$$PCNLB = M$$

$$\Sigma PCNLB = M$$

Sunday October 19, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. W	Temp 72 °F	*OUR MT LOW - 47			
Min. 36 °F	Vel. 17 m.p.h.	Read. 28.72 in.				
Set 49 °F	Char. br. slk	Corr. 28.60 in.	0700	1300	1900	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 6/10 Sc 5+	Clds.	Clds. 4/10 Sc CU	
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. -1.0 mb	Wx —	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 15 mi.	Vis. — mi.	Vis. 25 mi.	

$$\bar{T} = 44$$

$$MOD = 20$$

$$COD = 0$$

$$\Sigma MOD = 261$$

$$sCOD = 0$$

$$\Sigma PCN_L = 1.52$$

$$T_{davis} = 40/44$$

$$T_{unu} = 52/43$$

$$T_w = 46$$

$$T_d = 45$$

$$PCN_{TB} = 11$$

$$\Sigma PCN_{TB} = 17$$

Monday, October 20, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
60 °F	—	72 °F				
Min.	Vel.	Read.				
37 °F	0 m.p.h.	29.03 in.				
Set	Char.	Corr.				
38 °F	Calm	28.91 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
89 %	M mi.	30.31 in.	3/10 Ci AS AC	1/10 Ci	2/10 Cu Ci	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	M	FD.5 mb	valley Fg	HZ	HZ	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	JEP	25 mi.	25 mi.	20 mi.	

$\bar{T}: 49$   
HDD: 16  
CDD: 0  
 $\Sigma$  HDD: 277  
 $\Sigma$  CDD: 0  
 $\Sigma$  PCN<sub>L</sub>: 1.52

$T_{DAVIS}: 37/35$   
 $T_{UNV}: 39/37$

$T_w: 36$   
 $T_D: 35$

$PCN_{TB}: 0.00$   
 $\Sigma PCN_{TB}: M$



Tues, Oct 21, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. SW	Temp 71 °F	* avnt low 56		
Min.	38* °F	Vel. 10 m.p.h.	Read. 28.43n.			
Set	64 °F	Char. gusty	Corr. 28.31 in.			
R.H.	56 %	24 hr. Mov. — mi.	Sea L. 29.61 in.	0700 Clds. Cu 6/10 Sc	1300 Clds. Sc 9/10 Cu	1900 Clds. 9/10 Sc
Ppn.	Liq. — in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx —	Wx HZ	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer SGT	Vis. 25 mi.	Vis. 20 mi.	Vis. 18 mi.

$$\bar{T} = 52$$

$$+HDD = 13$$

$$LDD = 0$$

$$\Sigma HDD = 290$$

$$\Sigma LDD = 0$$

$$\Sigma PCN_L = 1.52''$$

$$T_{basis} = 64/52$$

$$T_{uv} = 66/46$$

$$T_w = 55$$

$$\bar{T}_b = 48$$

$$PCN_{TB} = M$$

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

Wednesday, October 22, 2003  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-RA 2130-2215 LT			
69 °F	WNW	74 °F				
Min.	Vel.	Read.				
46 °F	6 m.p.h.	28.46 in.				
Set	Char.	Corr.				
46 °F	Steady	28.33 in.	0700	1300	1900	
R.H.	24 hr. Mbv.	Sea L.	Clds.	Clds.	Clds.	
86 %	M mi.	29.68 in.	10/10 Sc AC		10/10 Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	M	Steady mb			-DL	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	JEP	25 mi.	mi.	- mi.	

$\bar{T}: 58$

HDD: 7

CDD: 0

$\Sigma$ HDD: 297

$\Sigma$ CDD: 0

$\Sigma$ PCNL: 1.52

$T_{DAVIS}: 46/41$

$T_W: 44$

$T_{UNV}: 48/39$

$T_D: 42$

PCNTB: M

$\Sigma$ PCNTB: M

Thursday, October 23, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. W	Temp 72 °F	-SHRA 0900-0920LT -SHSN 1915-1930LT		
Min.	34 °F	Vel. 5 m.p.h.	Read. 28.58 in.			
Set	35 °F	Char. Variable	Corr. 28.46 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov. - mi.	Sea L. 29.85 in.	Clds. 10/10 Sc	Clds. Ac 10/10 Sc	Clds. 9/10 Sc
Ppn. Liq.	Trace in.	Prev. Dir. -	3 hr. Tend. 1.0 mb	Wx	Wx Chilly Breezy	Wx
Ppn. Sol.	Trace in.	Snow Depth 0 in.	Observer BPM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.



$$\bar{T} = 41^\circ$$

$$HDD = 24$$

$$CDD = 0$$

$$\Sigma HDD = 321$$

$$\Sigma CDD = 0$$

$$\Sigma RNL = 1.52''$$

$$T_{ANN} = 37^\circ$$

$$T_{DAVIS} = 35^\circ$$

$$T_w = 31^\circ$$

$$T_o = 24^\circ$$

$$PCNCTB = M$$

$$\Sigma PCNCTB = M$$

FRIDAY OCTOBER 24 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp	* OUNT LOW 26 -56 0815-1100 LT		
44	°F	-		72 °F			
Min. *			Vel.	Read.			
35	°F	0	m.p.h.	28.93 in.			
Set			Char.	Corr.	0700	1300	1900
37	°F	CALM		28.81 in.			
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
93	%	-	mi.	30.21 in.	9/10 Ac		CLR
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx
7	in.	-		+1.5 mb			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
7	in.	0 in.	H.M.M.	25 mi.		mi.	25 mi.

$\bar{F} = 40$   
 $KDD = 25$   
 $CDD = 0$   
 $\Sigma KDD = 346$   
 $\Sigma CDD = 0$

$TWV = 39/32$   
 $TDAVIS = 37/32$

$TW = 36$   
 $TD = 35$

$\Sigma PCNL = 1.52''$

$PCNTB = M$   
 $\Sigma PCMB = M$



Saturday, October 25, 2003  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp			
50	°F			72	°F		
Min.			Vel.	Read.			
37	°F		0 m.p.h.	29.70 in.			
Set			Char.	Corr.			
43	°F		calm	29.53 in.	0700	1300	1900
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
49	%		— mi.	30.98 in.	9/10 Ci		9/10 Ci
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.00	in.		—	✓+1.5 mb			
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
—	in.		— in.	SMM	25 mi.	mi.	25 mi.

$\bar{T} = 44$   
HDD = 21  
CDD = 0  
 $\Sigma HDD = 367$   
 $\Sigma BDD = 0$

$T_{UNV} = 44/32$

$T_w = 36$

$T_{DAVIS} = 44/34$

$T_D = 25$

$\Sigma PCNL = 1.52''$

PCNTB = M  
 $\Sigma PCNTB = M$

Sunday, October 26, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. 5	Temp 72 °F	*OUNT Low 51			
Min. * 43 °F	Vel. W m.p.h.	Read. 29.05 in.				
Set 51 °F	Char. gusty	Corr. 28.87 in.				
R.H. 68 %	24 hr. Mov. - mi.	Sea L. 30.23 in.	0700	1300	1900	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. -1.0 mb	Clds. 6/10 Ci AC	Clds.	Clds. 10/10 NS	
Ppn. Sol. - in.	Snow Depth - in.	Observer SMM	Wx	Wx	Wx -RA	
			Vis. 20 mi.	Vis. mi.	Vis. 8 mi.	

$$\bar{T} = 51$$

$$HDD = 14$$

$$CDD = 0$$

$$\Sigma HDD = 381$$

$$ECDD = 0$$

$$\Sigma PCNL = 150^{\circ}$$

$$T_{unv} = 51/46$$

$$T_{DAYS} = M/M$$

$$T_w = 46$$

$$T_D = 41$$

$$PCNTB = M$$

$$\Sigma PCNTB = M$$

Monday October 27, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. NW	Temp 74 °F	-RA 1430-1530LT +RA 1530-1600LT RA 1600-2100LT +RA 2100LT-2130LT RA 2130-2200LT -RA 0330-0650LT +RA 2200-0200LT +RA 0200-0330LT			
Min. 50 °F	Vel. 2 m.p.h.	Read. 28.70 in.	Corr. 28.58 in.	0700	1300	1900
Set 50 °F	Char. Light	R.H. 100 %	24 hr. Mov. M mi.	Sea L. 29.93 in.	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 0.70 in.	Prev. Dir. M	3 hr. Tend. -1.5 mb	Wx -RA, Fg	Wx -RA, Fg	Wx HZ	Clds. 10/10 SE
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 1.5 mi.	Vis. 15 mi.	Vis. 15 mi.	Vis. 15 mi.

T: 57

HDD: 8

CDD: 0

$\Sigma$  HDD: 389

$\Sigma$  CDD: 0

$\Sigma$  PCNL: 2.22"

T<sub>DAVIS</sub>: 49/49

T<sub>UNV</sub>: 52/50

T<sub>w</sub>: 50

T<sub>D</sub>: 50

PCNTB: M

$\Sigma$  PCNTB: M

Tues, Oct 28, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	51 °F	Dir.	ESE	Temp	72 °F	07:00 - 14:45 RA, -RA, 0chl +RA		
Min.	33 °F	Vel.	2 m.p.h.	Read.	28.76 in.			
Set	33 °F	Char.	light	Corr.	28.64 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov.	— mi.	Sea L.	30.05 in.	Clds. Ci	Clds. Cu cc	Clds. Ac
Ppn. Liq.	0.73 in.	Prev. Dir.	—	3 hr. Tend.	+1.0 mb	4/10 Cu	6/10 Cs	10/10 Sc
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	SBH	Wx	Wx	Wx
						valley fog	H. Wind	
						Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

$$\begin{aligned}\bar{T} &= 42 \\ \text{HDD} &= 23 \\ \text{CDD} &= 0 \\ \sum \text{HDD} &= 412 \\ \sum \text{CDD} &= 0 \\ \sum \text{PCN}_L &= 2.95''\end{aligned}$$

$$\begin{aligned}T_{\text{travis}} &= 35/33 \\ T_{\text{unv}} &= 33/32\end{aligned}$$

$$\begin{aligned}T_w &= 30 \\ T_D &= 27\end{aligned}$$

$$\begin{aligned}\text{PCN}_{\text{TB}} &= M \\ \sum \text{PCN}_{\text{TB}} &= M\end{aligned}$$



Wednesday, October 29, 2003  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	★ OVNT LOW 43°			
53 °F	—	74 °F	-RA 0350LT-08S			
Min. ★	Vel.	Read.				
33 °F	0 m.p.h.	28.51 in.				
Set	Char.	Corr.				
43 °F	Calm	28.39 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
100 %	M mi.	29.75 in.	10/10 NS	10/10 SC	10/10 AC SC	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.07 in.	M	-1.0 mb	-RA, Fg			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	JEP	1 mi.	15 mi.	25 mi.	

$\bar{T}: 43$

$T_{\text{DAVIS}}: 43/42$

$T_w: 43$

HDD: 22

$T_{\text{UNV}}: 46/42$

$T_D: 43$

CDD: 0

$\Sigma \text{HDD}: 434$

$\Sigma \text{CDD}: 0$

$\Sigma \text{PCW}: 3.02$

$\text{PCNTB}: M$

$\Sigma \text{PCNTB}: M$

Thursday, October 30, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.			Dir.		Temp		-RA 085-0900LT -RA 1045-1200LT -DZ 1750-1755LT		
51	°F		SW		74	°F			
Min.			Vel.		Read.				
38	°F		2	m.p.h.	29.03	in.			
Set			Char.		Corr.		0700	1300	1900
38	°F		Light		28.90	in.			
R.H.			24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
64	%		-	mi.	30.29	in.	7/10 CC 1/10 AC	CLEAR	CLEAR
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
0.07	in.		-		2.0	mb			
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
0.0	in.		0	in.	BPM		25	mi.	25
							25	mi.	25

$$\bar{T} = 45$$

$$HDD = 20$$

$$CDD = 0$$

$$\Sigma HDD = 454$$

$$\Sigma CDD = 0$$

$$\Sigma PCM = 30911$$

$$T_{unv} = 39^\circ$$

$$T_{Davis} = 39^\circ$$

$$T_w = 34^\circ$$

$$T_D = 28^\circ$$

$$PCM_{TB} = M$$

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

FRIDAY OCTOBER 31 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. —	Temp 73 °F	% DVNT LOW 43		
Min.	38 * °F	Vel. 0 m.p.h.	Read. 29.10 in.			
Set	43 °F	Char. CALM	Corr. 28.95 in.			
R.H.	74 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. 1/10 c.	Clds.	Clds. 8/10 St
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx HR	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0.0 in.	Observer M.M.M.	Vis. 2.0 mi.	Vis. mi.	Vis. 2.5 mi.

$$\bar{T} = 50$$

$$HDD = 15$$

$$CDD = 0$$

$$\Sigma HDD = 469$$

$$\Sigma CDD = 0$$

$$\Sigma PCNTB = 2.09''$$

$$T_{max} = 43/39$$

$$T_{min} = 46/41$$

$$T_W = 40$$

$$T_D = 36$$

$$PCNTB = M$$

$$\Sigma PCNTB = M$$

OCTOBER TEMPS.

$\bar{T}_{max}$	=	58.9
$\bar{T}_{min}$	=	40.4
$\bar{T}_{oct}$	=	49.66