

Monday November 1, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. W	Temp 74 °F			
Min.	46 °F	Vel. 4 m.p.h.	Read. 28.97 in.			
Set	47 °F	Char. light	Corr. 28.95 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 8/10 Lc	Clds. 8/10 Ac Sc	Clds.
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.9 / mb	Wx —	Wx —	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLU	Vis. 25 mi.	Vis. 26 mi.	Vis. mi.



F = 56
COB = 0
HOD = 9
ΣCOB = 0
ΣHOD = 9
ΣPCNL = 0.00°

T_{unv} = 46/41
T_{avis} = 46/42

T_{unv} = 44
U = 41

PCNL_{unv} = N/A
ΣPCNL_{unv} = N/A

Tuesday November 2, 2004

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F		Dir. SW	Temp 76 °F	# OVR LOW 50		
Min. 47 °F	*	Vel. 6 m.p.h.	Read. 28.92 in.			
Set 53 °F		Char. light	Corr. 28.79 in.	0700	1300	1900
R.H. 67 %		24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 19/16 Sc	Clds.	Clds. 10/10 20/20 50/50
Ppn. 0.00 in.	Liq.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx —	Wx	Wx DZ
Ppn. 0.0 in.	Sol.	Snow Depth 0 in.	Observer KPPF	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.

$F = 53$
 $HDD = 12$
 $CDD = 0$
 $\Sigma HDD = 21$
 $\Sigma CDD = 0$
 $\Sigma PCN_{LB} = 0.00''$

$T_{DAVIS} = 53/44$
 $T_{UNV} = 52/43$

$T_w = 49$
 $T_d = 44$

$PCN_{LB} = N/A$
 $\Sigma PCN_{LB} = N/A$

Wednesday November 3, 2004
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NNW	Temp 75 °F		1700-1820 LT SHRA		
Min. 47 °F	Vel. 6 m.p.h.	Read. 28.96 in.		1820-1900 DZ		
Set 47 °F	Char. Steady	Corr. 28.83 in.		1900-2100 -SHRA		
				2100-2140 DZ		
				2240-2300 -SHRA		
				2340-0000 -SHRA		
				0220-0240 -SHRA		
				0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. Sc 7/10 Oc Cs	Clds. Cs 6/10	Clds. Ci 5/10	Cs
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. +1.2/mb	Wx —	Wx —	Wx —	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 59$
CDD = 0
HDD = 6
 $\Sigma CDD = 0$
 $\Sigma HDD = 27$
 $\Sigma PCN_L = 0.10$

$\bar{T}_{davis} = 46/41$ $T_w = 45$
 $\bar{T}_{UNV} = 46/39$ $T_d = 41$

$PCN_{GTB} = N/A$
 $\Sigma PCN_{GTB} = N/A$



Thursday November 4, 2004
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. E	Temp 74 °F			
Min.	37 °F	Vel. 1 m.p.h.	Read. 28.82 in.			
Set	39 °F	Char. Light	Corr. 28.69 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. St 10/10 Sc	Clds. St 10/10 Sc	Clds. St 10/10 Sc
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend. -1.51 mb	Wx —	Wx —	Wx SvRA
Ppn. Sol.	— in.	Snow Depth — in.	Observer TPH	Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 46$
CDD = 0
HDD = 19
 $\Sigma CDD = 0$
 $\Sigma HDD = 46$
 $\Sigma PCN_L = 0.10$

$\bar{T}_{davis} = 39/32$
 $T_{UNV} = 39/32$

$\bar{T}_w = 38$
 $\bar{T}_d = 32$

PCN_{LTB} = N/A
 $\Sigma PCN_{LTB} = N/A$

Friday November 5, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	73 °F	* overnight low - 40° 0830 - 12:34 LT - SHRA 1305 - 1521 LT - SHRA 1724 - 1925 LT - SHRA OCCL SHRA 2003 - 2020 LT - SHRA 2102 - 2212 LT - SHRA 2324 - 0000 LT - SHRA 0100 - 0210 LT - SHRA		
51 °F	W	°F				
Min.	Vel.	Read.	28.62 in.			
39 °F	1614 m.p.h.					
Set	Char.	Corr.	28.50 in.	0700	1300	1900
40 °F	varying					
R.H.	24 hr. Mov.	Sea L.	29.87 in.	Clds.	Clds.	Clds.
76 %	- mi.			4/10 cu		0/10 -
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	11.9 mb	Wx	Wx	Wx
0.31 in.	-			breezy + M. clear		Clear
Ppn. Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.
0.0 in.	0 in.	SUM		25 mi.	mi.	25 mi.

$\bar{T} = 45$
 $CDD = 0$
 $HDD = 0$
 $\Sigma CDD = 0$
 $\Sigma HDD = 0$
 $\Sigma PCNL = 0.41"$

$T_{clavis} = 40/31$
 $T_{unv} = 41/30$

$T_w = 37$
 $T_d = 33$

$PCNL_{TB} = N/A$
 $\Sigma PCNL_{TB} = N/A$

Saturday, 6 November, 2004 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. WSW	Temp 73 °F			
Min.	40 °F	Vel. 616 12 m.p.h.	Read. 28.71 in.			
Set	43 °F	Char. breezy	Corr. 28.59 in.	⊕ OVERNIGHT LOW ~ 42°F		
				0700	1300	1900
R.H.	62 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -0.7 mb	Wx clear	Wx	Wx clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$T = 44$
 $HDD = 21$
 $\Sigma HDD = 87$
 $\Sigma PCN_L = 0.41''$

$T_{DAYS} = 42.5^\circ / 31.0^\circ$
 $T_{WY} = 41.0^\circ / 30.0^\circ$

$T_w = 37.0''$
 $T_o = 31.0''$

$PCN_{LTD} = 3.85''$
 $\Sigma PCN_{LTD} = N/A$

Sunday, 7 November, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. SW	Temp 73 °F			
Min.	43* °F	Vel. 4 m.p.h.	Read. 28.69 in.			
Set	48 °F	Char. steady	Corr. 28.57 in.	* OVERNIGHT LOW 47		
				0700	1300	1900
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 0/10	Clds.	Clds. 4/10 cu
Ppn. Liq.	0.00" in.	Prev. Dir. —	3 hr. Tend. / +0.6mb	Wx Clear	Wx	Wx —
Ppn. Sol.	0.0" in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 52^\circ$
HDD = 13
 $\Sigma \text{HDD} = 100$
 $\Sigma \text{PCN}_1 = 0.41''$

$T_{\text{DAVIS}} = 49.5/43.5^\circ$
 $T_{\text{UNV}} = 48^\circ/41^\circ$

$T_v = 45.5^\circ$
 $T_D = 43^\circ$

$\text{PCN}_{\text{UTB}} = 0.00''$
 $\Sigma \text{PCN}_{\text{UTB}} = \text{N/A}$

Monday November 5, 2004

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. NW	Temp 73 °F			
Min.	37 °F	Vel. 8 m.p.h.	Read. 28.97 in.			
Set	37 °F	Char. Steady	Corr. 28.85 in.	0700	1300	1900
R.H.	67 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. $\frac{7}{10}$ Sc Cu Ci	Clds. Cu Cs $\frac{7}{10}$	Clds. Cu $\frac{8}{10}$
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +2.9 / mb	Wx breezy	Wx —	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 54$$

$$HDD = 11$$

$$CDD = 0$$

$$\sum HDD = 111$$

$$\sum CDD = 0$$

$$\sum TNL = 0.41''$$

$$T_{sun} = 27/26$$

$$T_{davis} = 31/25$$

$$T_w = 33$$

$$T_d = 27$$

$$PCNL_{TB} = N/A$$

$$\sum PCNL_{TB} = N/A$$

Tuesday November 9 2004

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. NNW	Temp 73 °F	* 2nd Latest Freezing or below 1st freeze NOV 15, 1946		
Min.	31 * °F	Vel. 2 m.p.h.	Read. 29.27 in.			
Set	31 °F	Char. Calm	Corr. 29.15 in.			
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 30.58 in.	0700 Clds. Ci Cs 4/10 Cu	1300 Clds. Cu 4/10 Cu	1900 Clds. Ci 8/10 Cu
Ppn.	Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	Wx —	Wx —
Ppn.	Sol. T in.	Snow Depth — in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T = 38
HDD = 27
CDD = 0
E HDD = 138
E CDD = 0
E PCNL = 0.41 "

Tmax = 32/24
Tmin = 32/23

Tw = 32
Td = 29

PCNL_{UTO} = N/A
E PCNL_{UTO} = N/A

Wednesday November 10 2004 Meteorological Observatory
 0700 EST Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. N	Temp 72 °F	*RH from Davis*		
Min.	27 °F	Vel. 9 m.p.h.	Read. 29.28 in.			
Set	29 °F	Char. Steady	Corr. 29.15 in.			
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Clds. 1/10 ci	Clds. 10/10 Cu 10 SC	Clds. 4/10 Ag
Ppn. Sol.	— in.	Snow Depth — in.	Observer TPH	Wx —	Wx —	Wx —
				Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 35$
CDD = 0
HDD = 30
 $\Sigma CDD = 0$
 $\Sigma HDD = 168$
 $\Sigma PCN_L = 0.41$

$\bar{T}_{\text{Davis}} = 28/21$
 $\bar{T}_{\text{UNV}} = 26/23$

$\bar{T}_w = \text{Davis}$
 $\bar{T}_d = \text{Davis}$

$PCN_{\text{LTB}} = \text{N/A}$
 $\Sigma PCN_{\text{LTB}} = \text{N/A}$

Thursday November 11, 2004
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 47 °F		Dir. WSW	Temp 73 °F	*Overnight Low - 38		
Min. 29* °F		Vel. 1 m.p.h.	Read. 29.05 in.			
Set 38 °F		Char. Calm	Corr. 28.92 in.			
				0700	1300	1900
R.H. 76 %		24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. Co 7/10 Cl	Clds.	Clds. 10/15 Cl
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. 1.1 mb	Wx —	Wx	Wx —
Ppn. Sol. — in.		Snow Depth — in.	Observer TPH	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 38$
CDD = 0
HDD = 27
 $\Sigma CDD = 0$
 $\Sigma HDD = 195$
 $\Sigma PCNL = 0.41$

$\bar{T}_{davis} = 40132$
 $\bar{T}_{unv} = 37130$

$T_w = 37$
 $T_d = 31$

PCNL_{LTB} = N/A
 $\Sigma PCNL_{LTB} = N/A$

Friday November 12, 2024 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. E	Temp 72 °F		0200-0200LT -SHRA 0200-0410 LT SHRA 0410-0805 LT -SHRA OLL SHRA		
Min. 34 °F	Vel. 365 m.p.h.	Read. 29.05 in.				
Set 35 °F	Char. Varying	Corr. 28.93 in.		0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.34 in.		Clds. Sc 10/10 cu	Clds.	Clds. 10 St, Sc 10
Ppn. Liq. 0.44 in.	Prev. Dir. —	3 hr. Tend. 0.5 / mb		Wx -SHRA	Wx	Wx -DZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM		Vis. 10 mi.	Vis. mi.	Vis. 10 mi.

$$\bar{T} = 48$$

$$COD = 0$$

$$HOD = 17$$

$$\Sigma LDD = 0$$

$$\Sigma HDD = 212$$

$$\Sigma PCNL = 0.85''$$

$$\bar{T}_{\text{axis}} = 35/35$$

$$T_{\text{inv}} = 20/34$$

$$T_{\text{to}} = 35$$

$$T_{\text{d}} = 35$$

$$PCNL_{TB} = N/A$$

$$\Sigma PCNL_{TB} = N/A$$

Saturday, 13 November, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. N	Temp 73 °F	085-1230 LT: -RA / ocnl RA, frequently mixed w/-SN and/or -PE after 0900.			
Min. 29 °F	Vel. 4 m.p.h.	Read. 29.30 in.	1230-1730: ocnl --RA/--SN			
Set 29 °F	Char. gusty	Corr. 29.18 in.	1730-1855: -RA			
			0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.62 in.	Clds. $\frac{0}{10}$	Clds.	Clds. $\frac{0}{10}$	
Ppn. Liq. 0.16 in.	Prev. Dir. —	3 hr. Tend. /+2.1 mb	Wx clear	Wx	Wx clear	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 33$$

$$HDD = 32$$

$$\Sigma HDD = 244$$

$$\Sigma PCN_s = 1.01''$$

$$\Sigma PCN_s = \text{Trace}$$

$$T_{DAVIS} = 32.5^\circ / 23.0^\circ$$

$$T_{UNV} = 28^\circ / 21^\circ$$

$$T_w = M$$

$$T_b = 23^\circ$$

$$PCN_{UB} = 0.00''$$

$$\Sigma PCN_{UB} = N/A$$

Sunday, 14 November, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir.	Temp			
		-	72 °F			
Min.	24 °F	Vel.	Read.			
		0 m.p.h.	29.59 in.			
Set	24 °F	Char.	Corr.	* Barograph reading 30.77" at OBS		
		calm	29.47 in.	0700	1300 (995)	1900
R.H.	74 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		- mi.	30.94 in. *	0/10		1/10 ci
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		-	+0.7 mb	clear		-
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	AGM	25 mi.	mi.	10 mi.

$$\bar{T} = 33$$

$$HDD = 32$$

$$\Sigma HDD = 274$$

$$\Sigma PCN_L = 1.01''$$

$$\Sigma PCN_S = \text{Trace}$$

$$T_{\text{DAVIS}} = 23.5^\circ / 16.6^\circ$$

$$T_{\text{UNV}} = 25^\circ / 18^\circ$$

$$T_w = M$$

$$T_o = 17^\circ$$

⊙ Read pressure from barometer was off top of "Correction" chart at OBS.

$$PCN_{\text{LTS}} = 0.00''$$

$$\Sigma PCN_{\text{LTS}} = \text{N/A}$$

Monday November 15, 2024

0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.	* overnight low 27		
Max.	Dir.	Temp				
48 °F	NW	72 °F				
Min.	Vel.	Read.				
24 °F	2 m.p.h.	29.45 in.				
Set	Char.	Corr.		0700	1300	1900
31 °F	light	29.33 in.		Clds.	Clds.	Clds.
R.H.	24 hr. Mov.	Sea L.		2/10 Sc Ci	1/10 Ci	1/10 Ci
81 %	- mi.	30.77 in.		Wx	Wx	Wx
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		M. clear	-	-
0.00 in.	-	7.1 ✓ mb		Vis.	Vis.	Vis.
Ppn. Sol.	Snow Depth	Observer		25 mi.	25 mi.	25 mi.
0.0 in.	0 in.	SUM				

T = 34
CDD = 0
HDD = 29
 Σ HDD = 305
 Σ CDD = 0
 Σ PCNL = 1.01"

Tdavis = N/A
Turnv = 30/21

Tu = 3E
Td = 26



PCNL_{TB} = N/A
 Σ PCNL_{TB} = N/A

Tuesday November 16, 2004

0700 EST

Meteorological
University Park, PA

General Obs.

Temp.		Wind	Barom.	*overnight low = 53°		
Max.	57 °F	Dir.	72 °F			
Min.	31 * °F	Vel.	Read.			
		0 m.p.h.	29.24 in.			
Set	33 °F	Char.	Corr.	0700	1300	1900
		Calm	29.12 in.	Clds. to	Clds. to	Clds.
R.H.	73 %	24 hr. Mov.	Sea L.	7 to	7 to	2/10 ci
		mi.	30.54 in.	Wx	Wx	Wx
Ppn.	— in.	Prev. Dir.	3 hr. Tend.	—	—	—
		—	-1.0 mb	Vis.	Vis.	Vis.
Ppn.	— in.	Snow Depth	Observer	25 mi.	25 mi.	25 mi.
		— in.	KAPP			

HDD = 21
CDD = 0
 Σ HDD = 326
 Σ CDD = 0
 Σ PCNL = 1.01"

T_{max} = 37/27
T_{min} = 34/27

T_d = 30
T_w = 35

PCN_{LTB} = M
 Σ PCN_{LTB} = M

Wednesday, November 17, 2004
0700 EST

Meteorological Observations
University Park, PA

General Obs.

Temp.		Wind	Barom.	*Overnight Low - 40*		
Max.	59 °F	Dir. W	Temp 74 °F			
Min.	33* °F	Vel. 1 m.p.h.	Read. 29.17 in.			
Set	44 °F	Char. Light	Corr. 29.04 in.			
R.H.	77 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	0700 Clds. 10/10 Sc	1300 Clds. 10/10 Sc	1900 Clds. 10/10 Sc
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx —	Wx —	Wx —
Ppn. Sol.	— in.	Snow Depth — in.	Observer TPH	Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

$\Sigma CDD = 0$
 $HDD = 19$
 $\Sigma CDD = 0$
 $\Sigma HDD = 345$
 $\Sigma PCNL = 1.01$

$T_{davis} = 44/39$
 $T_{UNV} = 42/37$

$T_w = 47$
 $T_d = 37$

$PCN_{LTB} = N/A$
 $\Sigma PCN_{LTB} = N/A$

Thursday, November 18, 2004 0700 EST Meteorological University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. WSW	Temp 74 °F	2000 - 2120 - SHRA 2200 - 0000 DZ *Overnight Low - 49		
Min.	44 * °F	Vel. 2 m.p.h.	Read. 29.01 in.			
Set	49 °F	Char. Steady	Corr. 28.88 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. St 10/10 S	Clds.	Clds.
Ppn. Liq.	0.06 in.	Prev. Dir. —	3 hr. Tend. -.12 mb	Wx FGDHZ	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer TPH	Vis. 3 mi.	Vis. mi.	Vis. mi.

CDD = 0
HDD = 15
 Σ CDD = 0
 Σ HDD = 360
 Σ PCNL = 1.07

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

T_w = 52
T_d = 45

PCNL_{LTB} = N/A
 Σ PCNL_{LTB} = N/A

Friday November 19, 2004 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp			
59	°F		W	74	°F		
Min.			Vel.	Read.			
49	°F		0 m.p.h.	28.97	in.		
Set			Char.	Corr.			
50	°F		light	28.85	in.	0700	1300
R.H.			24 hr. Mov.	Sea L.		Clds.	1900
93	%		- mi.	30.21	in.	Clds. 10/10 st	Clds. 10/10 st, sc
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.		Wx	Wx
0.0	in.		-	0.0 - mb		Wx Valley Fog	Wx FG
Ppn.	Sol.		Snow Depth	Observer		Vis.	Vis.
0.00	in.		0 in.	SLM		3 mi.	5 mi.

T = 54
MOD = 11
COD = 0
 Σ HOD = 371
 Σ COD = 0
 Σ PCNL = 1.67"

T_{davis} = 50/49
T_{univ} = 50/50

T_w = 50
T_i = 48

PCNL TB = N/A
 Σ PCNL TB = N/A

Saturday, 20 November, 2004 0700 EST

Temp.			Wind	Barom.	General Obs.			
Max.	Dir.	Temp	1530-1845 LT: -DE/ocnl. -RA 0020-OBS: ocnl -RA/-DE, R+Haze					
57 °F	ENE	74 °F						
Min.	Vel.	Read.						
47 °F	1 m.p.h.	28.94 in.	Set	Char.	Corr.	0700	1300	1900
47 °F	light	28.82 in.	R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
78 %	— mi.	30.19 in.	10/10 St, Nc			10/10 St		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			
0.14 in.	—	-0.7 mb	-DE + FG					
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			
0.0 in.	0 in.	AGM	4 mi.					2.5 mi.



T = 52
GDD = 0
HDD = 13
 Σ HDD = 384
 Σ PCN_L = 1.21"

T_{DAYS} = 48.0°/47.5°
T_{WV} = 48°/46°

T_w = 47°
T_b = 46.5°

PCN_{LTB} = 0.00"
 Σ PCN_{LTB} = N/A

Sunday, 21 November, 2004 0700 EST

Temp.			Wind		Barom.	General Obs.		
Max.	Dir.	Temp	Periods of -RA/DZ: 085-0715LT, 0815-0850LT, 0920-0935LT, 1555-1650LT, 1945-2000LT Ocnl -DZ all other times 0715-0115LT,					
53 °F	SW	74 °F						
Min.	Vel.	Read.						
47 °F	3 m.p.h.	29.04 in.						
Set	Char.	Corr.				0700	1300	1900
50 °F	steady	28.92 in.						
R.H.	24 hr. Mov.	Sea L.				Clds. Ac, As, 9 St, Ci, 10 Cs, Sc	Clds.	Clds. 3/10 Cu 0 Ci
97 %	— mi.	30.28 in.						
Ppn. Liq.	Prev. Dir.	3 hr. Tend.				Wx Light valley fog + gurgling clouds	Wx	Wx
0.08 in.	—	+1.3 mb						
Ppn. Sol.	Snow Depth	Observer				Vis.	Vis.	Vis.
0.0 in.	0 in.	AGM				18 mi.	mi.	10 mi.

$\bar{T} = 50$
CDD = 0
HDD = 15
 $\Sigma \text{HDD} = 399$
 $\Sigma \text{PCN}_L = 1.29^{\text{h}}$

$T_{\text{DAVIS}} = 49.5^{\circ}/49.5^{\circ}$
 $T_{\text{UNV}} = 50^{\circ}/50^{\circ}$

$T_w = 49.5^{\circ}$
 $T_b = 49^{\circ}$

$\text{PCN}_{\text{LTB}} = 0.00''$
 $\Sigma \text{PCN}_{\text{LTB}} = \text{N/A}$

T = 49
ADD = 16
CDD = 0
EADD = 415
ECDD = 0
EPCNL = 1.29

Tdays = 39/45
Turn = 34/41

TW = 391
Tel = 35

PCNLTB = N/A
EPCNLTB = N/A

Tuesday November 23, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F	Dir. —	Temp 74 °F		RA, 000L RA 1320LT - 1745 LT PL 1445 - 1515 LT		
Min. 37 °F	Vel. — m.p.h.	Read. 28.99 in.				
Set 37 °F	Char. Calm	Corr. 28.87 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 10/10 ST SC	Clds. 10/10 S	Clds. 10/10 S	
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. N/A mb	Wx Dense Fog	Wx FG	Wx -FG	
Ppn. Sol. T in.	Snow Depth — in.	Observer KAT	Vis. 1/8 mi.	Vis. 1 mi.	Vis. 2 mi.	

T = 41
HDD = 24
CDD = 0
EHDD = 439
ECDD = 0
 $\Sigma PCN_L = 1.40$

TDAVIS = 38/38
TUNV = 38/38

TW = 38
Td = 38

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

$$\begin{aligned}\bar{T} &= 43 \\ H_{20} &= 22 \\ C_{20} &= 0 \\ \Sigma H_{20} &= 461 \\ \Sigma C_{20} &= 0 \\ \Sigma PCN_L &= 1.50''\end{aligned}$$

$$\begin{aligned}T_{20MS} &= 49/49 \\ T_{JNV} &= 48/48\end{aligned}$$

$$\begin{aligned}T_w &= 47.5 \\ T_d &= 47\end{aligned}$$

Thursday November 25, 2004 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. WSW	Temp 76 °F	* overnight low 51		
Min.	48 °F	Vel. 9 m.p.h.	Read. 28.13 in.	OBS - 0848 LT - SHRA 0934-1034 LT - SHRA OCLL SHRA 1034-1129 LT SHRA OCLL SHRA 1529-1800 LT - SHRA 1923-2018 LT - SHRA CONTINUE ON BACK		
Set	52 °F	Char. Dusty	Corr. 28.00 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov. — mi.	Sea L. 29.31 in.	Clds. S W 10 10 Cu	Clds.	Clds. 10/10 S
Ppn. Liq.	0.75 in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx -SHRA	Wx	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 54$
HDD = 11
CDD = 0
 $\sum HDD = 472$
 $\sum CDD = 0$
 $\sum PCPL = 2.25''$

Turu = SH/S2
Tewis = N/A

T_w = S1
T_d = 49

0453-0523 LT -SHRA OCCL 45M12A
0551-0635 -SHRA

$\sum PCNLTB = N/A$
 $\sum PCNLTB = N/A$

Friday November 26, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	085-0710 LT -SHRA 0745-0824 LT -SHRA 0909-11:35 LT OCCL -SHRA 1315-1323 LT -SN 1725-1752 LT OCCL -SN			
53	°F	SW	72 °F				
Min.		Vel.	Read.				
27	°F	1 m.p.h.	28.80 in.				
Set		Char.	Corr.	0700	1300	1900	
27	°F	calm	28.74 in.	Clds.	Clds.	Clds.	
R.H.		24 hr. Mov.	Sea L.	8/10			
74	%	— mi.	30.16 in.	Wx	Wx	Wx	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	—			
0.02	in.	—	42 mb	Vis.	Vis.	Vis.	
Ppn.	Sol.	Snow Depth	Observer	25	mi.	mi.	
0	in.	0 in.	SLM				

T = 40
MDD = 25
COD = 0
ΣHOD = 497
ΣCOD = 0
ΣPCNL = 2.27

Time = 28/21
Days = N/A

TW = 22
Tcl = 21

PCNL TB = N/A
ΣPCNL TB = N/A

Saturday November 27, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	41 °F	Dir.	SSE	Temp	* overnight low 38		
Min.	27* °F	Vel.	3 m.p.h.	72 °F			
Set	39 °F	Char.	Calm	Read.			
R.H.	67 %	24 hr. Mov.	- mi.	Sea L.	30.28 in.	Clds. 9/10 st _{cc}	
Ppn. Liq.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	0 - mb	Wx	Wx -02
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	SLM	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 34$
HDD = 31
CDD = 0
 $\Sigma HDD = 528$
 $\Sigma CDD = 0$
 $\Sigma PCNL = 2.27''$

$T_{air} = 41/23$
 $T_{davis} = N/A$

$T_o = 34$
 $T_d = 29$

$PCNL_{TB} = N/A$
 $\Sigma PCNL_{TB} = N/A$

Sunday November 28, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.					
Max.	50 °F	Dir. WSW	Temp 74 °F	# Overnight low 44 1858-2008 LT -SHRA 2219-0111 LT -SHRA OCCL SHRA 0112-0523 LT SHRA 0119-0151LT +SHRA 0524-085 -SHRA					
Min.	39 °F	Vel. 14 m.p.h.	Read. 28.57 in.						
Set	49 °F	Char. breezy	Corr. 28.45 in.				0700	1300	1900
R.H.	96 %	24 hr. Mov. — mi.	Sea L. 29.80 in.				Clds. 10/16 Cu	Clds.	Clds. 9 Cu, Sc 10
Ppn. Liq.	0.65 in.	Prev. Dir. —	3 hr. Tend. 2.1 ✓ mb	Wx -SHRA	Wx	Wx Breezy			
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 20 mi.	Vis.	Vis. 25 mi.			

T = 4B
HDD = 20
CDD = 0
ΣHDD = 548
ΣCDD = 0
ΣPCNL = 2.92"

T_{unv} = 50/48
T_{clav} = N/A

T_w = 48
T_d = 48

PCNL_{TB} = N/A
ΣPCNL_{TB} = N/A

Monday, 29 November, 2004 0700 EST

Temp.			Wind	Barom.	General Obs.			
Max.	Dir.	Temp	-RA: 0.5 - 0.15 LT					
51 °F	NW	73 °F						
Min.	Vel.	Read.						
34 °F	4 m.p.h.	29.13 in.	Set	Char.	Corr.	0700	1300	1900
34 °F	steady	29.01 in.	R.H.	24 hr. Mov.	Sea L.	Clds. 0700	Clds. 1300	Clds. 1900
78 %	— mi.	30.43 in.	8/10 St, As, 9/10 Ci, Cu	9/10 Cc St AC	9/10 St	Wx Magenta + Golden Sunrise	Wx —	Wx —
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	0.03 in.	—	+1.3 mb	Vis.	Vis.	Vis.
Ppn. Sol.	Snow Depth	Observer	0.0 in.	0 in.	AGM	25 mi.	25 mi.	25 mi.

$\bar{T} = 43$
HDD = 22
 $\Sigma HDD = 570$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 2.95''$

$T_{HDD} = 34^\circ/28^\circ$
 $T_{DAYS} = 34^\circ/28^\circ$

$T_w = M$
 $T_b = 28^\circ$

$PCN_{LTD} = 0.00''$
 $\Sigma PCN_{LTD} = N/A$

Tuesday 30 November 2001 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	42	°F	Dir.	—	Temp	72	°F	
Min.	33	°F	Vel.	— m.p.h.	Read.	29.06	in.	
Set	36	°F	Char.	Calm	Corr.	28.94	in.	
R.H.	86	%	24 hr. Mov.	— mi.	Sea L.	30.35	in.	
Ppn.	—	in.	Prev. Dir.	—	3 hr. Tend.	—	mb	
Ppn.	—	in.	Snow Depth	— in.	Observer	KAA		
					Vis.	25	mi.	
					Vis.	20	mi.	
					Vis.	25	mi.	
					Clds.	10/10	St	
					Clds.	10/10	St	
					Clds.	10/10	St	
					Wx	—		
					Wx	—		
					Wx	—		

$T = 58$
 $HDD = 27$
 $CDD = 0$
 $\Sigma HDD = 597$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 2.95''$

$T_{Davis} = 36/32$
 $T_{UNV} = 36/32$

$T_w = 39$
 $T_d = 37$

NOV. TEMPS.
 $\bar{T}_{max} = 52.9$
 $\bar{T}_{min} = 37.0$
 $\bar{T}_{NOV} = 44.9$

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