

Friday, 1 April, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.			Dir.			Temp			1535-1550: -RA SH 1830-0130LT: Light Fog		
51	°F		WNW			77.5	°F				
Min.			Vel.			Read.					
45	°F		6	m.p.h.		28.92	in.				
Set			Char.			Corr.			0700	1300	1900
45	°F		variable			28.79	in.				
R.H.			24 hr. Mov.			Sea L.			Clds.	Clds.	Clds.
72	%		—	mi.		30.16	in.		$\frac{4}{10}$ Ac, Sc		$\frac{5}{10}$ Ci, Cs, Cu
Ppn. Liq.			Prev. Dir.			3 hr. Tend.			Wx	Wx	Wx
T	in.		—			+1.3	mb		Partly cloudy		Increasing clouds
Ppn. Sol.			Snow Depth			Observer			Vis.	Vis.	Vis.
0.00	in.		0	in.		AGM			25	mi.	mi. ~20

$\bar{T} = 48$   
HDD = 17  
CDD = 0

$T_{DAYS} = 46^{\circ}/38^{\circ}$   
 $T_{WY} = 46^{\circ}/36^{\circ}$

$T_w = 41.5^{\circ}$   
 $T_b = 37^{\circ}$

$\Sigma HDD = 17$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_i = Trace$   
 $\Sigma PCN_o = 0.0^{\circ}$

$PCN_{178} = 0.00^{\circ}$   
 $\Sigma PCN_{178} = 0.00^{\circ}$

Saturday, 2 April, 2005

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	OCNL -RA: 2045-0445LT; 0605-085 w/ OCNL RA: 0100-0300LT.			
63 °F	ENE	78.5 °F				
Min.	Vel.	Read.	☉ Cloud ceiling obscuring top of Nittany ridge, and Tussey to far SSW. Some embedded fog in mountain ridge crevices on Tussey.			
44 °F	5, 10 m.p.h.	29.33 in.				
Set	Char.	Corr.	0700	1300	1900	
44 °F	variable	29.19 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
100 %	— mi.	29.53 in.	10 10 St, Ns		10 10 Ns	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx--RA: ☉ Overcast w/ spotty fog	Wx	Wx	
0.19 in.	—	-3.6 mb			D4	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	~20 mi.	mi.	4 mi.	



$T = 54^\circ$   
HDD = 11  
CDD = 0

$T_{DAVIS} = 45^\circ/44^\circ$   
 $T_{UNV} = 46^\circ/45^\circ$

$T_w = 44^\circ$   
 $T_D = 44^\circ$

$\Sigma PCN_L = 0.19''$   
 $\Sigma PCN_S = 0.0''$   
 $\Sigma HDD = 20$

$PCN_{L18} = 0.00''$

$\Sigma PCN_{L18} = 0.00''$

Sunday, 3 April, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. WNW	Temp 75.5 °F	-RA: 085-0920LT -RA/RA: 0920-1345LT, OCNL +RA: 0930-1030 OCNL -DL/DL: 1345-1700LT -RA: 1700-1950, 2040-0030LT -SN: 0351-OBS		
Min. 32 °F	Vel. 20 <del>5</del> 27 m.p.h.	Read. 28.13 in.			
Set 34 °F	Char. breezy	Corr. 28.00 in.	0800	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 29.36 in.	Clds. 10 10 Ns, Sc	Clds.	Clds. Sc 10 10
Ppn. Liq. 0.57 in.	Prev. Dir. —	3 hr. Tend. / +3.1 mb	Wx blustery -SN	Wx	Wx -SHRA -SHSN
Ppn. Sol. 0.4 in.	Snow Depth T in.	Observer AGM	Vis. ~13 mi.	Vis. mi.	Vis. ~15 mi.

$\bar{T} = 40$

HDD = 25

CDD = 0

$\Sigma$  HDD = 53

$\Sigma$  TCN<sub>L</sub> = 0.76"

$\Sigma$  TCN<sub>S</sub> = 0.4"

T<sub>DAVS</sub> = 34°/30°

T<sub>UNV</sub> = 36°/30°

T<sub>w</sub> = 32.5°

T<sub>b</sub> = 30°

⊕ Snowfall taken from car tops at adjacent vicinity.

Pressure minimum at ~0500LT, 29.26" bst.

Temperature min of 32°F at 0615LT.

Max Wind Gust of 37 mph overnight

PCN<sub>USE</sub> = 0.00"

$\Sigma$  PCN<sub>USE</sub> = 0.00"

Monday 4 April 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F	Dir. W	Temp 75 °F	Read. 28.68 in.	Overnight low = 36° - SHSN OBS - 10:00 LT 13:20 - 2130 LT		
Min. 33 * °F	Vel. 16 m.p.h.	Corr.				
Set 37 °F	Char. Breezy	0700				
R.H. 60% %	24 hr. Mov. - mi.	Sea L. 29.95 in.	Clds. 1/10 Ci	Clds. CLR	Clds. Cu 1/10	
Ppn. Liq. 0.10 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx Breezy	Wx Breezy	Wx Breezy	
Ppn. Sol. 0.2 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\Sigma HDD = 81$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.86''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{davis} = 37/24$$

$$T_{UNV} = 37/25$$

$$T_w = M$$

$$T_d = 24$$

$$PCN_{LTB} = M$$

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



Tuesday, April 5, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. SSW	Temp 74 °F				
Min. 34 °F	Vel. 0 m.p.h.	Read. 29.01 in.				
Set 37 °F	Char. Calm	Corr. 28.89 in.	0700	1300	1900	
R.H. 54 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. 0/10	Clds. 1/10 ci	Clds. <i>ev</i> 9/10 cs	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.8 mb	Wx Sunny	Wx Sunny	Wx —	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 42$$

$$HDO = 23$$

$$COD = 0$$

$$\sum HDO = 104$$

$$\sum COD = 0$$

$$\sum PCN_L = 0.86''$$

$$\sum PCN_S = 0.6''$$

$$T_{\text{DAYS}} = 40/24$$

$$T_{\text{W}} = 39/27$$

$$t_w = M$$

$$T_c = M$$

$$PCN_{LTA} = M$$

$$PCN_{LTS} = M$$

Wednesday, April 6, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. SW	Temp 78 °F	* overnight low 45-			
Min. 37 °F	Vel. 1 m.p.h.	Read. 28.91 in.				
Set 47 °F	Char. light	Corr. 28.78 in.	0700	1300	1900	
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 7/10 cs	Clds.	Clds. ci 6/10 cs sc	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.8 - mb	Wx —	Wx	Wx —	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 53$$

$$HOD = 12$$

$$COD = 0$$

$$\Sigma HOD = 116$$

$$\Sigma COD = 0$$

$$\Sigma PCNL = 0.16''$$

$$\Sigma PCNL_s = 0.16''$$

$$T_{UV} = 45/30$$

$$T_{davis} = 47/39$$

$$T_w = 47'$$

$$T_d = 35'$$

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

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



$\bar{T} = 64$   
HDD = 1  
CDD = 0  
 $\Sigma HDD = 117$   
 $\Sigma CDD = 0$   
 $\Sigma PCNL = 0.96$   
 $\Sigma PCNS = 0.6$

$\bar{T}_{davis} = 60/45$   
 $\bar{T}_{UNV} = 55/39$

$T_w = 52$   
 $T_d = 40$

PCN<sub>LB</sub> = N/A  
 $\Sigma PCN_{LB} = N/A$

0700 EST

Friday, 8 April, 2005

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	-RA/-DE: 1520-1745LT -DE: 1745-1835LT			
77 °F		NNE	78 °F				
Min.		Vel.	Read.				
44 °F		5 m.p.h.	28.80 in.				
Set		Char.	Corr.	0700	1300	1900	
44 °F		variable	28.67 in.				
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
83 %		— mi.	30.03 in.	$\frac{3}{10}$ Cu, Sc			
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx Cool + clearing skies	Wx	Wx	
0.02 in.		—	+2.6 mb				
Ppn. Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.		0 in.	AGM	25 mi.	mi.	mi.	



$$T = 61^\circ$$

$$HDD = 4$$

$$CDD = 0$$

$$\Sigma HDD = 121$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.88''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{DAVIS} = 46.5^\circ / 41^\circ$$

$$T_{UNV} = 45^\circ / 39^\circ$$

$$T_w = 42.5^\circ$$

$$T_b = 40.5^\circ$$

$$PCN_{LTA} = 0.00''$$

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



Saturday, 9 April, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.				
Max.			Dir.			Temp							
64	°F		ENE			78.5	°F						
Min.			Vel.			Read.							
39	°F		4	m.p.h.		29.02	in.						
Set			Char.			Corr.							
41	°F		light			29.89	in.	0700	1300	1900			
R.H.			24 hr. Mov.			Sea L.		Clds.	Clds.	Clds.			
61	%		—	mi.		30.28	in.	$\frac{0}{10}$	$\frac{0}{10}$	$\frac{0}{10}$			
Ppn.	Liq.		Prev. Dir.			3 hr. Tend.		Wx	Wx	Wx			
0.00	in.		—			/+2.3	mb	Clear	Clear + Bright	Wx tranquil end to a magnificent day			
Ppn.	Sol.		Snow Depth			Observer		Vis.	Vis.	Vis.			
0.0	in.		0	in.		AGM		25	mi.	25	mi.	25	mi.



T = 52  
HDD = 13  
CDD = 0

T<sub>DAVIS</sub> = 43.5°/31.5°  
T<sub>UNV</sub> = 41°/32°

T<sub>y</sub> = 37°  
T<sub>b</sub> = 52°

Σ HDD = 134  
Σ CDD = 0  
Σ PCN<sub>L</sub> = 0.88"  
Σ PCN<sub>A</sub> = 0.6"

PCN<sub>UTB</sub> = 0.00"  
Σ PCN<sub>UTB</sub> = N/A

Sunday, 10 April, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
65 °F	—	78.5 °F				
Min.	Vel.	Read.				
39 °F	0 m.p.h.	28.97 in.				
Set	Char.	Corr.				
41 °F	calm	28.84 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
72 %	— mi.	30.23 in.	$\frac{1}{10}$ ci	Clear	$\frac{0}{10}$	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+1.1 mb	Clear	Clear	Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	25 mi.	25 mi.	

$$\bar{T} = 52$$

$$HDD = 13$$

$$CDD = 0$$

$$\Sigma HDD = 147$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.88''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{DAVIS} = 42.5^\circ / 33^\circ$$

$$T_{UNV} = 41^\circ / 32^\circ$$

$$T_w = 37.5^\circ$$

$$T_b = 32.5^\circ$$

$$PCN_{LTB} = 0.00''$$

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

Monday 11 April 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	75 °F	Dir.	ENE	Temp	*overnight low = 47°			
Min.	41* °F	Vel.	1 m.p.h.	80 °F				
Set	47 °F	Char.	light	Read.	29.04 in.			
				Corr.	28.91 in.	0700	1300	1900
R.H.	44 %	24 hr. Mov.	- mi.	Sea L.	30.29 in.	Clds. Ci	Clds.	Clds. 9/20
Ppn.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	+1.0 mb	Wx -	Wx	Wx Clear
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	KAA	Vis. 25 mi.	Vis.	Vis. 25 mi.

$$T = 08$$

$$HDD = 7$$

$$CDD = 0$$

$$\Sigma HDD = 154$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.88^N$$

$$\Sigma PCN_S = 0.6^N$$

$$T_{davis} = 49/28$$

$$T_{UNV} = 48/23$$

$$T_w = M$$

$$T_d = 28$$

$$PCN_{LTD} = M$$

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

Tuesday, April 12, 2005 0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. NNE	Temp 78 °F			
Min. 33 °F	Vel. 4 m.p.h.	Read. 29.00 in.			
Set 34 °F	Char. Light + Variable	Corr. 28.87 in.	0700	1300	1900
R.H. 44 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. Ci 3/10	Clds. Ci, Ac 4/10	Clds. Ci 4/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Mostly Sunny	Wx Mostly Sunny	Wx Pt. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 49$$

$$HDD = 16$$

$$CDD = 0$$

$$\Sigma HDD = 170$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.88''$$

$$\Sigma PCN_S = 6.6''$$

$$T_{DAVES} = 37/17$$

$$T_{DURV} = 36/19$$

$$T_w = M$$

$$T_d = M$$

$$PCN_{LTB} = M$$

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



Wednesday April 13, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.			Dir.		Temp				
57	°F		NNE		78	°F			
Min.			Vel.		Read.				
33	°F		2	m.p.h.	28.78	in.			
Set			Char.		Corr.		OVERNIGHT LOW = 34°		
37	°F		light		28.65	in.	0700	1300	1900
R.H.			24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
101	%		—	mi.		in.	3/10		1/10
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
0.00	in.		—		4.9	mb	h clear		
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
0.0	in.		0	in.	SUM		25	mi.	25

$\bar{F} = 45$   
 $HDD = 20$   
 $CDD = 0$   
 $\Sigma HDD = 190$   
 $\Sigma CDD = 0$   
 $\Sigma PCWL = 0.88''$   
 $\Sigma PCWLS = 0.6''$

$\bar{T}_{CALCS} = 29/21$   
 $T_{WV} = 34/14$

$T_0 = -$   
 $T_a = 27$

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



T = 49  
HDD = 16  
CDD = 0  
 $\Sigma$ HDD = 206  
 $\Sigma$ CDD = 0  
 $\Sigma$ PCNL = 0.88"  
 $\Sigma$ PCNS = 0.6"

T<sub>davis</sub> = 43/27  
T<sub>UNV</sub> = 39/26

T<sub>w</sub> = 39  
T<sub>d</sub> = 26

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A

Friday, 15 April, 2005

0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp			
67	°F		ENE	79.5	°F		
Min.			Vel.	Read.			
41	°F		4 m.p.h.	29.25	in.		
Set			Char.	Corr.			
42	°F		steady	29.11	in.	0700	1300 1900
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
78	%		— mi.	30.51	in.	$\frac{0}{10}$ sec $\frac{10}{10}$ below	$\frac{0}{10}$
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.00	in.		—	/ +3.1 mb	Clear, with 1% S, A to S		clear
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
0.0	in.		0 in.	AGM	25 mi.	mi.	25 mi.



T = 54

HDD = 11

CDD = 0

$\Sigma$ HDD = 217

$\Sigma$ CDD = 0

$\Sigma$ PCN<sub>s</sub> = 0.88"

$\Sigma$ PCN<sub>s</sub> = 0.6"

T<sub>DAVIS</sub> = 43.5°/33°

T<sub>UNV</sub> = 43°/32°

T<sub>w</sub> = 39°

T<sub>o</sub> = 25.5°

PCN<sub>LTB</sub> = 0.00"

$\Sigma$ PCN<sub>LTB</sub> = N/A

Saturday, 16 April, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. E	Temp 77.5 °F			
Min.	35 °F	Vel. 2 m.p.h.	Read. 29.41 in.			
Set	37 °F	Char. light	Corr. 29.28 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. — mi.	Sea L. 30.71 in.	Clds. $\frac{0}{10}$	Clds.	Clds. Ci $\frac{1}{10}$
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. /+2.0 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.

$\bar{T} = 49^\circ$   
HDD = 16  
CDD = 0

$T_{DAVIS} = 36^\circ/23^\circ$   
 $T_{UNY} = 36^\circ/27^\circ$

$T_w = 33^\circ$   
 $T_b = 26.5^\circ$

$\Sigma HDD = 233$   
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.88''$   
 $\Sigma PCN_S = 0.6''$

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





Sunday, 17 April, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SSW	Temp 78 °F			
Min.	37 °F	Vel. 1 m.p.h.	Read. 29.18 in.			
Set	42 °F	Char. light	Corr. 29.05 in.	* OVERNIGHT LOW = 40°		
				0700	1300	1900
R.H.	54 %	24 hr. Mov. — mi.	Sea L. 29.44 in.	Clds. C: $\frac{1}{10}$	Clds.	Clds. Ci 4/10 Ce —
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.3 mb	Wx M. Clear	Wx	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 53$$

$$HDD = 12$$

$$CDD = 0$$

$$\Sigma HDD = 245$$

$$\Sigma CDD = 0$$

$$T_{DAVIS} = 43.5^\circ / 23^\circ$$

$$T_{UNV} = 43^\circ / 27^\circ$$

$$T_w = 36.5^\circ$$

$$T_b = 28.5^\circ$$

$$\Sigma PCN_L = 0.88''$$

$$\Sigma PCN_S = 0.6''$$

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

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

Monday 18 April 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F		Dir. WNW	Temp 77 °F			
Min. 42* °F		Vel. 3 m.p.h.	Read. 29.03 in.			
Set 52 °F		Char. light	Corr. 28.90 in.	*overnight low = 49°		
				0700	1300	1900
R.H. 59 %		24 hr. Mov. - mi.	Sea L. 30.26 in.	Clds. Clear	Clds.	Clds. Cs 3/10
Ppn. 0.00 in.	Liq.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx Haze	Wx	Wx m. Clear
Ppn. 0.10 in.	Sol.	Snow Depth 8 in.	Observer KAA	Vis. 26 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 58$$

$$HDD = 7$$

$$CDD = 0$$

$$\Sigma HDD = 252$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.88''$$

$$\Sigma PCN_S = 0.16''$$

$$T_{davis} = 53/42$$

$$T_{UNV} = 50/39$$

$$T_w = 47$$

$$T_d = 40$$

$$PCN_{LTB} = M$$

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

Tuesday, April 19<sup>th</sup>, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. SW	Temp 75 °F			
Min.	46 °F	Vel. 0 m.p.h.	Read. 28.91 in.			
Set	51 °F	Char. Calm	Corr. 28.78 in.	0700	1300	1900
R.H.	59 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. Cs 3/10	Clds. Cu, Ci, Ac 3/10	Clds. Sc 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -1+0.7 mb	Wx Haze	Wx Increasing clouds from approaching front	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 61$$

$$HDD = 4$$

$$CDD = 0$$

$$\sum HDD = 256$$

$$\sum CDD = 0$$

$$\sum PCN_L = 0.88''$$

$$\sum PCN_S = 0.6''$$

$$T_{DAVIS} = 53/39$$

$$T_{UNV} = 50/37$$

$$T_d = M$$

$$T_w = M$$

$$PCN_{ITB} = M$$

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

Wednesday April 20, 2005 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp 78 °F		* overnight low 57 1150-1730 TSPA 1730-1750 - RA		
Min. 51* °F	Vel. 2 m.p.h.	Read. 28.81 in.				
Set 59 °F	Char. light	Corr. 28.68 in.		0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.00 in.		Clds. St 9/10 Ci	Clds. 5/10 Cu	Clds. St 9/10 Cu
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +1 - mb		Wx valley Fog	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM		Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

T = 00

HPD = 0

CDD = 1

SHDD = 254

ECDD = 1

EPCL = 0.90"

Σ PCNL = 0.6"

T<sub>max</sub> = -

T<sub>daily</sub> = 59/50

T<sub>d</sub> = 50

T<sub>d</sub> = 50

PCNL<sub>max</sub> = N/A

Σ PCNL<sub>max</sub> = N/A



Thursday, April 21, 2005  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F		Dir. NNE	Temp 72 °F	2000 - 2120 LT - SHRA		
Min. 46 °F		Vel. 7 m.p.h.	Read. 28.80 in.			
Set 46 °F		Char. Steady	Corr. 28.68 in.	0700	1300	1900
R.H. 66 %		24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. <sup>st</sup> 10/10 <sup>so</sup>	Clds.	Clds. <sup>sc</sup> 7/0
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. +1.1/mb	Wx —	Wx	Wx —
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer TPH	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 63$   
CDD = 0  
HDD = 2  
 $\Sigma CDD = 1$   
 $\Sigma HDD = 256$   
 $\Sigma PCN_L = 0.90''$   
 $\Sigma PCN_S = 0.6''$

$\bar{T}_{davis} = 47/40$   
 $\bar{T}_{UNV} = 46/39$

$\bar{T}_w = 44$   
 $\bar{T}_d = 35$

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

Friday, 22 April, 2005

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. —	Temp 77.5 °F			
Min.	40 °F	Vel. 0 m.p.h.	Read. 28.78 in.			
Set	42 °F	Char. calm	Corr. 28.65 in.	0700	1300	1900
R.H.	57 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. $\frac{4}{10}$ St, Ac, As, Ci	Clds.	Clds. $\frac{10}{10}$ Ns, Sc
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx Cloudy get bright	Wx	Wx -RA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.



$T = 51^\circ$

HDD = 14

CDD = 0

$\Sigma$ HDD = 270

$\Sigma$ ODD = 1

$\Sigma$ PCN<sub>L</sub> = 0.90"

$\Sigma$ PCN<sub>S</sub> = 0.6"

$T_{DAVIS} = 42.5^\circ / 28^\circ$

$T_{UNY} = 43^\circ / 32^\circ$

$T_w = N/A$

$T_o = 28^\circ$

PCN<sub>L78</sub> = 0.00"

$\Sigma$ PCN<sub>L78</sub> = N/A

Saturday, 23 April, 2005 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	51 °F	Dir.	S	Temp	77 °F	1725-2125LT: OCNL -RA/RA, +RA at times. Otherwise -DZ. * OUNT LOW 44	
Min.	42 °F	Vel.	2 m.p.h.	Read.	28.31 in.	2125-2225LT: -DZ 0025-0150LT: RA/-RA ending as -DZ 0230-0440LT: -RA/RA]-DZ	
Set	47 °F	Char.	light	Corr.	28.18 in.	0700	1300
R.H.	94 %	24 hr. Mov.	— mi.	Sea L.	29.51 in.	Clds.	Clds.
Ppn.	0.27 in.	Prev. Dir.	—	3 hr. Tend.	-0.9 mb	Wx = Cloudy, -RA]	Wx -DZ]
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	AGM	Vis. = 10, with ~15 down Mt. Nittany	Vis. mi.
							1900 Clds. 10 Ns, St 10 Wx -DZ]



T = 47°  
HDD = 18  
ΣHDD = 288  
ECDD = 1

ΣPCN<sub>L</sub> = 1.17"  
ΣPCN<sub>S</sub> = 0.6"

T<sub>DAVS</sub> = 46°/45.5°  
T<sub>UNV</sub> = 46°/46°

T<sub>W</sub> = 46°  
T<sub>D</sub> = 45°

\* Additional Obs:  
Mountain top fog --  
ceiling obscuring top of Tussey  
ridge, and the very top peak of  
Mt. N-Hang.

PCN<sub>LTS</sub> = 0.00"  
ΣPCN<sub>LTS</sub> = N/A

Sunday, 24 April, 2005

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. WSW	Temp 74 °F	0915-0940LT: OCNL -RA/-DE 1450-1530LT: -RA/-DE 1530-1705LT: RA/-RA, w/ Thunder 1615-1640		
Min.	35 °F	Vel. 12618 m.p.h.	Read. 28.18 in.	1825-2010LT: -RA, then -DE 2240-0100LT: OCNL -RA/-DE/RA 0445-OBS: A few flakes of wet snow		
Set	36 °F	Char. gusty	Corr. 28.05 in.	0700	1300	1900
R.H.	78 %	24 hr. Mov. — mi.	Sea L. 29.41 in.	Clds. 10/10 Sc, St	Clds.	Clds. 10/10 Cy Sc
Ppn. Liq.	0.16 in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx Cloudy and blustery	Wx	Wx Flurries
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 15 mi. 4 mi SE



T = 48  
HDD = 17  
 $\Sigma$  HDD = 305  
 $\Sigma$  CDD = 1

T<sub>DAVIS</sub> = 36°/30°  
T<sub>UNY</sub> = 37°/30°

T<sub>b</sub> = 30°  
T<sub>w</sub> = 33.5°

$\Sigma$  PCN<sub>1</sub> = 1.33"  
 $\Sigma$  PCN<sub>2</sub> = 0.6"

PCN<sub>LTB</sub> = 0.00"  
 $\Sigma$  PCN<sub>LTB</sub> = N/A



Monday 25 April 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F		Dir. SW	Temp 73 °F	wintry mix 14:20 - 18:30 LT SNSH 18:30 - 19:30		
Min. 33 °F		Vel. 7 m.p.h.	Read. 28.30 in.	OCCN - SNSH 19:30 - OBS		
Set 35 °F		Char. breezy	Corr. 28.18 in.	0700	1300	1900
R.H. 89 %		24 hr. Mov. — mi.	Sea L. 29.55 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0.05 in.		Prev. Dir. —	3 hr. Tend. — mb	Wx SNSH	Wx	Wx
Ppn. Sol. 0.2 in.		Snow Depth T in.	Observer KAA	Vis. ~ 6 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 38$$

$$ADD = 27$$

$$CDD = 0$$

$$\Sigma HDD = 334$$

$$\Sigma CDD = 1$$

$$\Sigma PCN_L = 1.38''$$

$$\Sigma PCN_S = 0.8''$$

$$T_{Davis} = 35/32$$

$$T_{INV} = 36/32$$

$$T_w = M$$

$$T_d = 32$$

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

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

Tuesday, April 26, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F	Dir. S	Temp 74 °F		-SN OBS - 0830 <del>1220</del> -RU 0830 -1030 -Ds 1200 - 1330		
Min. 35* °F	Vel. 2 m.p.h.	Read. 28.66 in.		* Overnight Low = 40°		
Set 44 °F	Char. Light + Variable	Corr. 28.53 in.		0700	1300	1900
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. Cs 9/10 As	Clds. Cs, As 6/10 Acn	Clds. Cs 7/10 Cs	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.9 mb	Wx Mostly Cldy	Wx M. Cloudy	Wx —	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MLS	Vis. ~ 15 mi.	Vis. 25 mi.	Vis. 25 mi.	

T = 43  
HDD = 28  
CDD = 1  
 $\Sigma$ HDD = 377  
 $\Sigma$ CDD = 1  
 $\Sigma$ PCN<sub>L</sub> = 1.38"  
 $\Sigma$ PCN<sub>S</sub> = 0.8"

T<sub>DAVIS</sub> = 46/36  
T<sub>UNV</sub> = 41/37

T<sub>w</sub> = M  
T<sub>a</sub> = M

PCN<sub>LTB</sub> = M  
 $\Sigma$ PCN<sub>LTB</sub> = M

Wednesday April 27, 2005

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. WSW	Temp 78 °F	* overnight low 52 2226 - 2250 LT -02 0000 - 0045 LT -SHRA 0300 - 0310 LT -SHRA		
Min.	44 °F	Vel. 8 m.p.h.	Read. 28.55 in.			
Set	52 °F	Char. breezy	Corr. 28.42 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov. - mi.	Sea L. 29.76 in.	Clds. 7/10 Sc Cu	Clds. 6/10 Cu	Clds. 7/10 Sc Cu
Ppn. Liq.	1 in.	Prev. Dir. -	3 hr. Tend. 1.9 - mb	Wx M. cloudy	Wx M. cloudy	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F = 57  
CDD = 0  
HDD = 8  
EWD = 1  
ΣHDD = 364  
ΣPENL = 1.38"  
ΣPENL<sub>s</sub> = 0.8"

Tuv = 54/43  
Tclwts = 51/41

T<sub>2</sub> = 46  
T<sub>1</sub> = 40

PCNL<sub>TH</sub> = N/A  
ΣPCNL<sub>TB</sub> = N/A

Thursday, April 28, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. WSW	Temp 76 °F			
Min.	42 °F	Vel. 3 m.p.h.	Read. 28.80 in.			
Set	45 °F	Char. Steady	Corr. 28.67 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 1/10 CU	Clds. 2/10 NS, SC, CU, AS	Clds. 5/12 CU
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx —	Wx -RA	Wx —
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer TPH	Vis. 20 mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{T} = 51$   
CDD = 0  
HDD = 14  
 $\Sigma$ CDD = 1  
 $\Sigma$ HDD = 378  
 $\Sigma$ PCNL = 1.38"  
 $\Sigma$ PCNs = 0.8"

$\bar{T}_{\text{davis}} = 46138$   
 $\bar{T}_{\text{UNV}} = 46135$

$T_w = 44$   
 $T_d = 34$

PCN<sub>LTB</sub> = N/A  
 $\Sigma$ PCN<sub>LTB</sub> = N/A



Friday, 29 April, 2005

0700 EST

			General Obs.		
Temp.	Wind	Barom.	1125-1440 LT: OCNL -RA 0210LT - OBS: --RA/-RA		
Max. 55 °F	Dir. —	Temp 77 °F			
Min. 42 °F	Vel. 0 m.p.h.	Read. 28.84 in.			
Set 44 °F	Char. calm	Corr. 28.71 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 10/10 Ns	Clds.	Clds. 10/10 Ns
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Light Rain Overcast w/ --RA	Wx	Wx Overcast
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25, except -15 to SSE mi.	Vis. mi.	Vis. 25 mi.



$\bar{T} = 49^\circ$   
HDD = 16

$\Sigma HDD = 394$   
 $\Sigma CDD = 1$

$\Sigma PCN_L = 1.40''$   
 $\Sigma PCN_S = 0.8''$

$T_{DAVIS} = 43.0^\circ / 40.0^\circ$   
 $T_{UNV} = 43^\circ / 37^\circ$

$T_v = 42^\circ$   
 $T_s = 39.5^\circ$

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

Saturday, 30 April, 2005

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. E	Temp 78 °F	085-0935LT: -RA/-DZ 2015-2040LT: -RA SH 2320LT-OBS: OCNL -RA/-DZ 0700LT-OBS: Fog, thickening		
Min.	44 °F	Vel. 5 m.p.h.	Read. 28.65 in.	*overnight low = 47°		
Set	48 °F	Char. Variable	Corr. 29.52 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov. — mi.	Sea L. 21.87 in.	Clds. $\frac{10}{10}$ Ns, St	Clds.	Clds. $\frac{10}{10}$ Ns, St
Ppn. Liq.	0.09 in.	Prev. Dir. —	3 hr. Tend. L -1.0 mb	Wx Overcast, -DZ, and Fog	Wx	Wx Overcast
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM SBS	Vis. 5, except -3 along Tuesday Mt (NE-S)	Vis. mi.	Vis. 8 mi.

$\bar{T} = 49^\circ$   
HDD = 16  
 $\Sigma$  HDD = 410  
 $\Sigma$  CDD = 1

$T_{DAVIS} = 48.5^\circ / 48^\circ$   
 $T_{UMV} = 49^\circ / 48^\circ$

$T_c = 48^\circ$   
 $T_b = 48^\circ$

$\Sigma PCN_c = 1.49^\circ$   
 $\Sigma PCN_s = 0.8^\circ$

APRIL TEMPS.  
 $\bar{T}_{MAX} = 62.5$   
 $\bar{T}_{MIN} = 39.7$   
 $\bar{T}_{APP} = 51.13$

$PCN_{LTB} = 0.00^\circ$   
 $\Sigma PCN_{LTB} = N/A$

