

Saturday, April 1, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F		Dir. SW	Temp 84 °F	-RA 1929 - 2034 LT RA 2034 - 2112 LT -RA 2112 - 2223 LT		
Min. 45* °F		Vel. 6 m.p.h.	Read. 28.64 in.	*Cvngt Low = 59°		
Set 59 °F		Char. Gusty	Corr. 28.49 in.	0700	1300	1900
R.H. 82 %		24 hr. Mov. — mi.	Sea L. 29.81 in.	Clds. Ac 8/10 As Sl	Clds.	Clds. 10 St, As 10
Ppn. Liq. 0.10 in.		Prev. Dir. —	3 hr. Tend. L -0.7 mb	Wx Mostly Cloudy, w/ shwrs in dist	Wx	Wx Overcast
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. ~15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 61$
 $HOD = 4$
 $CDD = 0$
 $\Sigma HOD = 4$
 $\Sigma CDD = 0$
 $\Sigma PCWL = 0.10''$

$T_{DAVIS} = 59/54$
 $T_{LOW} = 57/52$

$T_d = M$
 $T_w = M$

$PCWL_{TO} = M/A$
 $\Sigma PCWL_{TO} = M/A$

Sunday, 2 April, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. N	Temp 76 °F	0845-0925LT: -RA SH 0925-1005LT: RA SH/OCNL +RASH		
Min. 46 °F	Vel. 3 m.p.h.	Read. 28.96 in.			
Set 46 °F	Char. steady	Corr. 28.83 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. $\frac{10}{10}$ Sc	Clds.	Clds. $\frac{8}{10}$ Ci, Cs
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. /+1.9 mb	Wx Overcast yet pleasant	Wx	Wx Increases and lowering cirrus deck
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 54^\circ$
HDD = 11
 $\Sigma \text{HDD} = 15$

$T_{\text{DAVIS}} = 47.5^\circ / 40.5^\circ$
 $T_{\text{UNV}} = 45^\circ / 37^\circ$
 $T_{\text{KPSU}} =$

$T_{\text{WB}} = 43^\circ$
 $T_{\text{DP}} = 40^\circ$

$\Sigma \text{PCN}_1 = 0.15''$
 $\Sigma \text{PCN}_2 = 0.0''$

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

Monday, 3 April, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. S		Temp 79.5 °F	0340-0355LT: -RA/-DZ		
Min. 45* °F	Vel. 8 m.p.h.		Read. 28.67 in.			
Set 53 °F	Char. varying velocity		Corr. 28.53 in.	* Overnight low = 52°F		
				0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.		Sea L. 29.88 in.	Clds. 10 St, Sc, 10 As	Clds.	Clds. st 10/10 Cu*
Ppn. Liq. 0.01 in.	Prev. Dir. —		3 hr. Tend. -1.3 mb	Wx cloudy, light fog along Penns Valley	Wx	Wx over cast
Ppn. Sol. 0.0 in.	Snow Depth 0 in.		Observer AGM	Vis. 15 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 55^\circ$
HDD = 10
 $\Sigma \text{HDD} = 25$

$T_{\text{DAVIS}} = 53^\circ/47^\circ$
 $T_{\text{UNV}} = 52^\circ/43^\circ$
 $T_{\text{KPSU}} = 52^\circ/\text{M}$

$T_{\text{WB}} = 50^\circ$
 $T_{\text{DP}} = 47^\circ$

$\Sigma \text{PCN}_L = 0.16''$
 $\Sigma \text{PCN}_S = 0.0''$

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

Tuesday, April 4 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. W	Temp 73 °F	- RA 1155-1218 LT + RA 1225-1233 LT - RA 1233-1313 LT - T3RA 1702-1822 LT - RA 1822-1908 LT - RA 2219-2324 LT - RA 0500-510 LT - SNST 0430			
Min. 35 °F	Vel. 30 m.p.h.	Read. 20.88 in.				
Set 35 °F	Char. Breezy	Corr. 20.72 in.	0700	1300	1900	
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 4/10 CU	Clds. 7/10 CU	Clds. 5+ 10/10	
Ppn. Liq. 0.45 in.	Prev. Dir. —	3 hr. Tend. 1.0 mb	Wx Partly Sunny Breezy	Wx Partly Sunny Breezy	Wx -DZ	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer RAB	Vis. 15 mi.	Vis. 25 mi.	Vis. 10 mi.	

$$\bar{T} = 49$$

$$HDD = 16$$

$$\Sigma HDD = 41$$

$$\Sigma PCNL = 61''$$

$$\Sigma PCNS = T$$

$$T_{Ouv} = 35/24$$

$$T_{uv} = 34/27$$

$$T_w = 31$$

$$T_o = 24$$

$$PCNLTB = N/A$$

$$\Sigma PCNLTB = N/A$$

Wednesday, April 5, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. NW	Temp 72 °F	OCLL-RA 1430-2232 LT OCLL-SN 2233-0137 LT OCLL-SH3N 0234-0457 LT OCLL-SH3N 0607-0645 LT -SH3N 0740-0750 LT *using davis Ta			
Min. 26 °F	Vel. 6.29 12 m.p.h.	Read. 28.57 in.				
Set 27 °F	Char. Gusty	Corr. 28.45 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. Cu 6/10 Sc	Clds. 7/10 Sc	Clds. 10/10 Sc	
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. n/a mb	Wx Partly cloudy (snow squall 10 mins prior)	Wx Mc cloudy	Wx OVCST	
Ppn. Sol. 0.2 in.	Snow Depth T in.	Observer SBS	Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\sum HDD = 69$$

$$\sum CDD = 0$$

$$\sum P(N_1) = 0.71''$$

$$\sum P(N_2) = 0.2''$$

$$T_{avg} = 27/22$$

$$T_{uvr} = 28/21$$

$$T_{wet} = n/a$$

$$T_{dew} = n/a$$

$$P(N_{1B}) = n/a$$

$$\sum P(N_{1B}) = n/a$$

Thursday April 06, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. West	Temp 72 °F		-SHSN 1600 - 1640 LT		
				-SHSN 1720 - 1800 LT		
Min. 27 °F	Vel. 3 m.p.h.	Read. 28.00 in.				
Set 38 °F	Char. light variable	Corr. 28.00 in.	* OVERNIGHT LOW = 30°			
			0700	1300	1900	
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 29.34 in.	Clds. 10/10 AC SC	Clds. CU 9/10 BKN	Clds. CI 2/10 CS	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx OVERCAST	Wx P. Cloudy	Wx Continues w/ clear	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 38$$

$$HDD = 27$$

$$CDD = 0$$

$$\Sigma HDD = 96$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.71''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{DAVIS} = 38/30$$

$$T_{UNR} = 37/28$$

$$T_W = 34$$

$$T_D = 28$$

Friday April 07, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	58 °F	Dir.	SSW	Temp	-SIRA 0050 - 0800 LT		
Min.	38 °F	Vel.	3 m.p.h.	Read.	28.58 in.		
Set	44 °F	Char.	light rain	Corr.	28.45 in.		
R.H.	79 %	24 hr. Mov.	— mi.	Sea L.	29.73 in.		
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	-0.6 mb		
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	COP		
				* overnight low = 44 °F			
				0700	1300	1900	
				Clds. Ac 10/10 As CB	Clds.	Clds. Ac 10/10 Sc AS	
				Wx - RA - Fu ONCAST	Wx	Wx - T-SRA in vicinity	
				Vis.	25 mi.	Vis.	~15 mi.

$$\bar{T} = 48$$

$$HDD = 17$$

$$CDD = 0$$

$$\Sigma HDD = 113$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 0.21''$$

$$\Sigma PCN_5 = 0.2''$$

$$T_{DAVEJ} = 45/37.5$$

$$T_{UNV} = 39/36$$

$$T_W = 41$$

$$T_D = 38$$

Saturday, April 8, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F		Dir. ENE	Temp 72 °F	-RA 005 - 0938 LT -RA 0432- -RA/RA 0938 - 1125 LT • 0636LT -RA 2059 - 2103LT RA/RA 2103 - 2133LT -RA 2133 - 2315 LT		
Min. 37 °F		Vel. 7 m.p.h.	Read. 28.61 in.			
Set 37 °F		Char. Gusty	Corr. 28.49 in.	0700	1300	1900
R.H. 85 %		24 hr. Mov. — mi.	Sea L. 29.87 in.	Clds. St 10/10 StFr	Clds.	Clds. 2/10 As
Ppn. Liq. 0.13 in.		Prev. Dir. —	3 hr. Tend. /+24 mb	Wx Cloudy	Wx	Wx Anvil clouds existing to east
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$T = 54$
 $HDD = 11$
 $CDD = 0$
 $\Sigma HDD = 124$
 $\Sigma CDD = 0$
 $\Sigma PCW_c = 0.84''$
 $\Sigma PCW_s = 0.2''$

$T_{DAVIS} = 37/33$
 $T_{UNV} = 36/32$

$T_d = m$
 $T_w = m$

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

Sunday, 9 April, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. ENE	Temp 70.5 °F	920-945LT: -SH SN/ocnl -RA/-SH SH			
Min. 28 °F	Vel. 3 m.p.h.	Read. 29.01 in.				
Set 31 °F	Char. steady	Corr. 28.89 in.	0700	1300	1900	
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. 0/10	Clds.	Clds. 0/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx Clear skies	Wx	Wx A tranquil twilight	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 38^\circ$
HDD = 27
 $\Sigma \text{HDD} = 151$

$T_{\text{DAVIS}} = 33.5^\circ / 21.5^\circ$
 $T_{\text{UNV}} = 30^\circ / 19^\circ$
 $T_{\text{KPSU}} = 28.5^\circ / 28.5^\circ$

$T_{\text{WB}} = M$
 $T_{\text{DB}} = 22^\circ$

$\Sigma \text{PCN}_L = 0.84''$
 $\Sigma \text{PCN}_S = 0.2''$

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

Monday, 10 April, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. —	Temp 73.5 °F	** Scattered light fog from Shingleton to Lement, and down Penns Valley at OBS.		
Min.	31* °F	Vel. 0 m.p.h.	Read. 29.12 in.			
Set	34 °F	Char. calm	Corr. 29.00 in.	* Overnight low = 33°		
				0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. $\frac{7}{10}$ Ci, ACi, Cs	Clds. $\frac{4}{10}$ Ci, ACi	Clds. $\frac{10}{10}$ Cu ST
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.8 mb	Wx Bright ** start thru thin cirrus deck	Wx M. Sunny	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 44^\circ$
HDD = 21
 $\Sigma \text{HDD} = 172$

$T_{\text{DAVIS}} = 35.5^\circ / 27.0^\circ$
 $T_{\text{UNV}} = 32^\circ / 27^\circ$
 $T_{\text{KPSU}} = 30^\circ / \text{M}$

$T_w = 31.5^\circ$
 $T_b = 27^\circ$

$\Sigma \text{PCN}_L = 0.84''$
 $\Sigma \text{PCN}_S = 0.2''$

$\text{PCN}_{L_{10}} = 0.00''$
 $\Sigma \text{PCN}_{L_{10}} = \text{N/A}$

Tuesday, 11 April 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F		Dir. SSE	Temp 72 °F			
Min. 4 34 °F		Vel. 0 m.p.h.	Read. 29.26 in.			
Set 41 °F		Char. very light	Corr. 29.14 in.	* ONN LOW 40		
				0700	1300	1900
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.53 in.	Clds. 0/10	Clds. ci 9/10 ci st	Clds. ci 6/10 cs	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 13.0 mb	Wx Bright Sunny	Wx Bright	Wx Partly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAB	Vis. 15 mi.	Vis. 20 mi.	Vis. 20 mi.	

$$\bar{T} = 50$$

$$HDD = 15$$

$$\Sigma HDD = 187$$

$$\Sigma PCN_L = 0.84''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{DWS} = 44/33$$

$$T_{UNV} = 39/32$$

$$T_W = 39$$

$$T_D = 32$$

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

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

Wednesday, April 12, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. SW	Temp 76 °F			
Min.	41 °F	Vel. 3 m.p.h.	Read. 29.10 in.			
Set	58 °F	Char. Light	Corr. 28.97 in.	* overnight low 55		
				0700	1300	1900
R.H.	41 %	24 hr. Mov. - mi.	Sea L. 30.33 in.	Clds. C: 5/10 Cs	Clds. AC 10/10 AS	Clds. BC 6/10 KC
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +0.3 mb	Wx Partly Cloudy	Wx overcast	Wx P. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.



$$T = 58$$

$$HDD = 7$$

$$CDD = 0$$

$$\Sigma HDD = 194$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.84''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{avg} = 59/39$$

$$T_{unv} = 57/39$$

$$T_{wet} = 49$$

$$T_{acw} = 40$$

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

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

Thursday April 13, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. WSW	Temp 76 °F	Read. 29.01 in.	-SHRA	2120 - 2200 LT	0700
Min. 54 °F	Vel. 6 m.p.h.	Set 55 °F		TS RA	2240 - 2330 LT	
	Char. Breezy	Corr. 28.87 in.		TS+RA	2320 - 0001 LT	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.16 in.		TS-RA	0001 - 0100 LT	
Ppn. Liq. 0.30 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb		TS+RA	0120 - 0200 LT	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP		TS	0320 - 0340 LT	
				Clds.	0700	
				Clds. Cu	1300	
				Clds. Sc	1900	
				Clds. Cn		
				Wx		
				Wx	P. Cloudy	
				Wx	P. Cloudy	
				Vis.	~17 mi.	
				Vis.	25 mi.	
				Vis.	25 mi.	

$$\bar{T} = 63$$

$$HDD = 2$$

$$CDD = 0$$

$$\Sigma HDD = 196$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.14''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{DAIES} = 55/52$$

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

$$T_W = 52$$

$$T_D = 50$$

Friday April 14, 2006
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. SW	Temp 74 °F	Read. 28.78 in. Corr. 28.45 in.	TS	1420 - 1500 LT	
Min. 52 °F	Vel. 1 m.p.h.			TS - RA	1500 - 1600 LT	
Set 53 °F	Char. light calm			TS - RA	1700 - 1740 LT	
				- SHRA	1800 - 1830 LT	
				- SHRA	0500 - 0640 LT	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 10/10 AC	Clds.	Clds. AC 8/10	
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. -0.2mb	Wx OVC LKST -T9	Wx	Wx Mostly cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer OP	Vis. 25 mi.	Vis.	Vis. mi. ~25 mi.	

$$\bar{T} = 61$$

$$HDD = 4$$

$$CDD = 0$$

$$E HDD = 200$$

$$E CDD = 0$$

$$E PCN_L = 1.23''$$

$$E PCN_S = 0.2''$$

$$T_{DAVIS} = 54/50$$

$$T_{UNV} = 52/46$$

$$T_N = 50$$

$$T_D = 47.5$$

Saturday, April 15, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. SSW	Temp 80 °F		-RA 1045 - 1118 LT -RA/RA 1108 - 1221 LT -RA 1242 - 1248 LT		
Min. 53* °F	Vel. 6 m.p.h.	Read. 28.44 in.				
Set 63 °F	Char. Gusty	Corr. 28.30 in.	*Ovngt Low = 60°F			
			0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 29.60 in.	Clds. C5 7/10 AS AC	Clds.	Clds. 0/10 —	
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. /+0.8 mb	Wx Partly Sunny	Wx	Wx Brilliant sunshine to end a brilliant day	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. (70*) 25 mi.	

$$F = 59$$

$$HDO = 6$$

$$CDO = 0$$

$$\Sigma HDO = 206$$

$$\Sigma CDO = 0$$

$$\Sigma PCNL = 1.30''$$

$$\Sigma PCNS = 0.2''$$

$$T_{DAVIS} = 63/56$$

$$T_{UNV} = 61/54$$

$$T_d = m$$

$$T_w = m$$

$$PCN_{LTD} = m$$

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

Sunday, 16 April, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. N	Temp 75 °F			
Min.	44 °F	Vel. 3 m.p.h.	Read. 28.67 in.			
Set	47 °F	Char. light	Corr. 28.54 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 7 10 Cc, Cu, Sc	Clds.	Clds. 8 10 As
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. /+2.0 mb	Wx Considerable cloudiness	Wx	Wx Cloudy from virga
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 60^\circ$
HDD = 5
 $\Sigma \text{HDD} = 211$

$T_{\text{DAVIS}} = 48^\circ/41^\circ$
 $T_{\text{UNV}} = 46^\circ/37^\circ$
 $T_{\text{KFSU}} = 45^\circ/43^\circ$

$T_w = 44^\circ$
 $T_b = 41^\circ$

$\Sigma \text{PCN}_L = 1.30''$
 $\Sigma \text{PCN}_S = 0.2''$

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

Monday, 17 April, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
70 °F	NE	74.5 °F				
Min.	Vel.	Read.				
39 °F	3 m.p.h.	28.67 in.				
Set	Char.	Corr.				
41 °F	light	28.54 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
65 %	— mi.	29.91 in.	$\frac{9}{10}$ Ci, Ac, As	$\frac{0}{10}$	$\frac{0}{10}$	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.8 mb	cloudy yet bright	hazy, rapid clearing	clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	25 mi.	15 mi.	

$\bar{T} = 55^\circ$
HDD = 10
 $\Sigma \text{HDD} = 221$

$T_{\text{DAVIS}} = 43^\circ/30^\circ$
 $T_{\text{UNV}} = 41^\circ/30^\circ$
 $T_{\text{KPSU}} = 39^\circ/21^\circ$

$T_w = 36.5^\circ$
 $T_b = 30^\circ$

$\Sigma \text{PCN}_c = 1.30''$
 $\Sigma \text{PCN}_s = 0.2''$

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

Tuesday, April 10 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. N	Temp 74 °F	OWN LOW 41			
Min. 40 °F	Vel. 3 m.p.h.	Read. 28.84 in.				
Set 43 °F	Char. light	Corr. 28.72 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 0/10	Clds. 1/10 CU	Clds. Cu 3/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / 1.0 mb	Wx Clear Bright	Wx Bright Clear	Wx Partly Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 52$$

$$HDD = 13$$

$$\Sigma HDD = 234$$

$$\Sigma PCN_L = 1.30''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{davis} = 48/38$$

$$T_{uv} = 43/36$$

$$T_w = 41$$

$$T_a = 35$$

$$PCN_{LB} = 0.00$$

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

Wednesday, April 19, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. W	Temp 76 °F			
Min.	43 °F	Vel. 1 m.p.h.	Read. 28.83 in.			
Set	* 48 °F	Char. Light	Corr. 28.70 in.	* overnight low 44		
				0700	1300	1900
R.H.	73 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 0/10	Clds. 1/10 Ci, Cc	Clds. 1/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Sunny	Wx TOP-10	Wx TOP-10 cont'd.
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 57$$

$$HDD = 8$$

$$CDD = 0$$

$$\Sigma HDD = 242$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 1.30''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{davis} = 50/41$$

$$T_{unv} = 48/39$$

$$T_{wet} = 45$$

$$T_{dew} = 42$$

$$PCN_{WB} = 0.00''$$

$$\Sigma PCN_{WB} = n/a$$

Thursday April 20, 2006
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. —	Temp 76 °F			
Min.	45 °F	Vel. 0 m.p.h.	Read. 28.90 in.			
Set	50 °F	Char. Calm	Corr. 28.76 in.	0700	1300	1900
R.H.	44 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 0/10	Clds. 4/10	Clds. 6/10
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend. +0.8 mb	Wx Clear	Wx Mostly Sunny	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer CSD	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 60$$

$$HDD = 5$$

$$CDD = 0$$

$$\Sigma HDD = 247$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 1.30''$$

$$\Sigma PCN_3 = 0.2''$$

$$T_{DAVIS} = 52/35$$

$$T_{UNV} = 52/30$$

$$T_W = 41$$

$$T_D = 29$$

Friday April 21, 2006
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. —	Temp 80 °F				
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.92 in.				
Set 54 °F	Char. Calm	Corr. 28.77 in.	* overnight low = 54°			
			0700	1300	1900	
R.H. 38 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. CO 9/10 cumulus	Clds. —	Clds. AS 10/10	
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx P. Sunny	Wx —	Wx Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 67$$

$$HDD = 0$$

$$CDD = 2$$

$$\Sigma HDD = 247$$

$$ECDD = 2$$

$$\Sigma PCN_2 = 1.30''$$

$$\Sigma PCN_5 = 0.2''$$

$$T_{DNVS} = 56/34$$

$$T_{UNV} = 52/34$$

$$T_W = 43$$

$$T_D = 29$$

Saturday, April 22, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. E	Temp 76 °F	-RA/RA 1944-2123 LT		
Min.	44 °F	Vel. 2 m.p.h.	Read. 28.88 in.	-RA 2123-0259 LT		
Set	45 °F	Char. Light	Corr. 28.75 in.	-RA/RA 0259-0409 LT		
R.H.	100 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	0700	1300	1900
Ppn. Liq.	0.39 in.	Prev. Dir. —	3 hr. Tend. — +0.1 mb	Clds. $\frac{10}{10}$ St	Clds.	Clds. $\frac{10}{10}$ St
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Wx Overcast with -RA	Wx	Wx Cloudy
				Vis. ~15 mi.	Vis. mi.	Vis. ~20 mi.

F = 59
HDD = 6
CDD = 0
 Σ HDD = 253
 Σ CDD = 2
2PCW_i = 1.69"
2PCW_s = 0.2"

T_{bars} = 46/44
T_{uv} = 45/43

T_w = m
T_d = m

PCW_{TD} = N/A
 Σ PCW_{TD} = N/A

Sunday, 23 April, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. SSW	Temp 74.5 °F	OBS-1500LT: RA/-RA, w/+RA/RA 1310-1335LT.		
Min.	43 °F	Vel. 1 m.p.h.	Read. 28.71 in.	1500-1815LT: -DZ/ocnl-RA		
Set	44 °F	Char. light	Corr. 28.58 in.	* Mountain ridge tops obscured by cloud base NE→SE, majority of Tussey ridge obscured SE→SSW at OBS.		
R.H.	98 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 10 ST	Clds. 10 ST	Clds. 9 Cu, Ac, 10 Cs
Ppn. Liq.	0.63 in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx Cloudy with ceiling = 600' ±d	Wx	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 46^\circ$
HDD = 19
 $\Sigma \text{HDD} = 272$
 $\Sigma \text{CDD} = 2$

$T_{\text{DAVIS}} = 43.5^\circ / 43.5^\circ$
 $T_{\text{UNV}} = 45^\circ / 45^\circ$
 $T_{\text{KPSU}} = 44^\circ / 44^\circ$

$T_w = 43.5^\circ$
 $T_o = 43.5^\circ$

$\Sigma \text{FCN}_L = 2.32''$
 $\Sigma \text{FCN}_S = 0.2''$

$\text{FCN}_{\text{LTS}} = 0.06''$
 $\Sigma \text{FCN}_{\text{LTS}} = \text{N/A}$

Monday, 24 April, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. WSW	Temp 73.5 °F	940-1035LT: -TRASH, w/TRASH/ +TRASH 855-910LT.			
Min. 44* °F	Vel. 2 m.p.h.	Read. 28.70 in.	220-535LT: -RA/ocnl RA			
Set 48 °F	Char. light	Corr. 28.58 in.	*overnight low = 47° 0700 1300 1900			
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 10/10 Cu, Sc	Clds. 9/10 Cu	Clds. Cu 10/10	
Ppn. Liq. 0.21 in.	Prev. Dir. —	3 hr. Tend. /+1.8 mb	Wx Cloudy but pleasant	Wx M. Cloudy	Wx Partly cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.	

$$\bar{T} = 56^\circ$$

$$HDD = 9$$

$$\Sigma HDD = 281$$

$$\Sigma CDD = 2$$

$$\Sigma PCN_L = 2.53''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{DAVIS} = 47.5^\circ / 46.5^\circ$$

$$T_{UNV} = 50^\circ / 46^\circ$$

$$T_{KPSU} = 46.5^\circ / 46.5^\circ$$

$$T_w = 47^\circ$$

$$T_D = 46.5^\circ$$

$$PCN_{LTS} = 0.06''$$

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

Tuesday, 25 April 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F		Dir. WSW	Temp 75 °F			
Min. 46 °F		Vel. 2 m.p.h.	Read. 28.71 in.			
Set 50 °F		Char. light	Corr. 28.58 in.			
				0700	1300	1900
R.H. 80 %		24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. 7/10 ci	Clds. 2/10 W	Clds. Sc 10/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. -5 mb	Wx Bright partly cloudy	Wx Mostly cloudy	Wx -DZ
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer RAB	Vis. 15 mi.	Vis. 15 mi.	Vis. 5 mi.

$$\bar{T} = 54$$

$$HDD = 11$$

$$\Sigma HDD = 292$$

$$\Sigma CDD = 2$$

$$\varepsilon PCN_L = 2.53''$$

$$\varepsilon PCN_S = 0.2''$$

$$T_{Davis} = 51/45$$

$$T_{unv} = 50/43$$

$$T_w = 48$$

$$T_D = 44$$

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

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

Wednesday, April 26, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. W	Temp 72 °F	OCCL - RA 1642 - 1930 LT			
Min. 30 °F	Vel. 2 m.p.h.	Read. 28.84 in.				
Set 34 °F	Char. Light	Corr. 28.72 in.	0700	1300	1900	
R.H. 56 %	24 hr. Mov. - mi.	Sea L. 30.12 in.	Clds. Cs 2/10	Clds. Ci 2/10	Clds. C 0/10	
Ppn. Liq. 0.08 in.	Prev. Dir. -	3 hr. Tend. +1.5 mb	Wx Mostly Sunny	Wx	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 49$$

$$HDD = 16$$

$$CDD = 0$$

$$\Sigma HDD = 308$$

$$\Sigma CDD = 2$$

$$\Sigma PCN_L = 2.61''$$

$$\Sigma PCN_S = 0.3''$$

$$T_{Davis} = 35/26$$

$$T_{UVV} = 34/27$$

$$T_{wet} = 31$$

$$T_{dew} = 24$$

$$PCN_{LTO} = n/a$$

$$\Sigma PCN_{LTO} = n/a$$

April 27, 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F	Dir. SW	Temp 74 °F				
Min. 34 °F	Vel. 3 m.p.h.	Read. 28.77 in.				
Set 45 °F	Char. light + variable	Corr. 28.64 in.	* overnight low = 26°			
			0700	1300	1900	
R.H. 45 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 0/10	Clds. CU 9/10 BKN	Clds. AC 0/10 CB	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx clear	Wx M. Sunny	Wx cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 48$$

$$HDD = 17$$

$$CDD = 0$$

$$\Sigma HDD = 325$$

$$\Sigma CDD = 2$$

$$\Sigma PCN_L = 2.61''$$

$$\Sigma PCN_S = 0.2''$$

$$T_{DAYS} = 47/29$$

$$T_{UNJ} = 45/28$$

$$TW = 37$$

$$T_D = 25$$

April 28, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. NNE	Temp. 74 °F	- SHRA 1900 - 2030 LT			
Min. 36 °F	Vel. 2 m.p.h.	Read. 29.09 in.				
Set 42 °F	Char. USNA 3. Variable	Corr. 20.95 in.				
R.H. 48 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 0/10	Clds.	Clds. 0/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx -Fl Clear	Wx	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 52$$

$$KDD = 13$$

$$CID = 0$$

$$\Sigma HDS = 338$$

$$\Sigma LDD = 2$$

$$\Sigma PCM = 2.61''$$

$$\Sigma PCNS = 0.2''$$

$$T_{MVS} = 44/26$$

$$T_{UV} = 39/27$$

$$T_w = 35$$

$$T_b = 285$$

Saturday, April 29, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	64 °F	Dir.	ENE	Temp	74 °F			
Min.	37 °F	Vel.	1 m.p.h.	Read.	29.29 in.			
Set	40 °F	Char.	Calm	Corr.	29.17 in.	0700	1300	1900
R.H.	55 %	24 hr. Mov.	— mi.	Sea L.	30.58 in.	Clds.	Clds.	Clds.
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+1.7 mb	Wx	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	MLS	Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.



T = 51

HDD = 14

CDD = 0

Σ HDD = 352

Σ CDD = 2

Σ PCN = 2.61"

Σ PCNs = 0.2"

T DAVIS = 48/27

T OUV = 41/28

TW = m

TD = m

PCNLTs = N/A

Σ PCNLTs = N/A

Sunday, 30 April, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir.	-	Temp	72 °F	
Min.	40* °F	Vel.	0 m.p.h.	Read.	29.23 in.	
Set	45 °F	Char.	calm	Corr.	29.11 in.	*Overnight low = 41°
R.H.	53 %	24 hr. Mov.	- mi.	Sea L.	30.50 in.	0700 1300 1900
Ppn. Liq.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	∟ +1.4 mb	Clds. Clds. Clds.
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	AGM	9/10 Cs Wx Wx
				Vis.	25 mi.	Wx Wx Wx
						Clear
						Vis. Vis. Vis.
						mi. mi. mi.

$\bar{T} = 54^\circ$
HDD = 11
 $\Sigma \text{HDD} = 363$
 $\Sigma \text{CDD} = 2$

$T_{\text{DAVIS}} = 47.0^\circ / 30.5^\circ$
 $T_{\text{UNV}} = 43^\circ / 32^\circ$
 $T_{\text{KPSH}} = 43^\circ / \text{M}$

$T_w = 39^\circ$
 $T_b = 31^\circ$

$\Sigma \text{PCN}_L = 2.61''$
 $\Sigma \text{PCN}_S = 0.2''$

APRIL TEMPS
 $\bar{T}_{\text{MAX}} = 65.0^\circ \text{ F}$
 $\bar{T}_{\text{MIN}} = 40.2$
 $\bar{T}_{\text{AIR}} = 52.6$

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