

Sunday, January 1, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F	Dir. WSW	Temp 76 °F	SN5H - ~1000-1100 LT 3157 OCNL VERY LIGHT DRIZZLE AT 08			
Min. 30 °F	Vel. 6 m.p.h.	Read. 28.88 in.				
Set 35 °F	Char.	Corr. 28.67 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. mi.	Sea L. 30.07 in.	Clds. 10/10 St	Clds.	Clds. St 10/10	
Ppn Liq. 0.02 in.	Prev. Dir.	3 hr. Tend. +1.8 mb	Wx OVERCAST	Wx	Wx Overcast	
Ppn Sol. T in.	Snow Depth T in.	Observer FJG	Vis. 10 mi.	Vis. mi.	Vis. 5 mi.	

$$\bar{T} = 34$$

$$HDD = 31$$

$$CDD = 0$$

$$\sum HDD = 31$$

$$\sum CDD = 0$$

$$\sum PCN_L = 0.03''$$

$$\sum PCN_S = T$$

$$T_{DNIS} = 35/31$$

$$T_{UNV} = 34/30$$

Monday, January 2, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. SE	Temp 74 °F			
Min.	34 °F	Vel. 3 m.p.h.	Read. 28.86 in.			
Set	37 °F	Char. Light Variable	Corr. 28.74 in.	0700	1300	1900
R.H.	68 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. St 8/10 ac	Clds.	Clds. 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -0.3 mb	Wx Mostly Cloudy	Wx	Wx Rain ^N
Ppn. Sol.	0.0 in.	Snow Depth T in.	Observer SBS	Vis. 20 mi.	Vis. mi.	Vis. 5 mi.

$$\bar{T} = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\Sigma HDD = 59$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.02''$$

$$\Sigma PCN_S = T$$

$$T_{Davis} = 38/31$$

$$T_{unv} = 34/28$$

$$T_{wet} = 34$$

$$T_{dew} = 30$$

$$PCN_{LT8} = N/A$$

$$\Sigma PCN_{LT8} = N/A$$

Tues, January 3, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F	Dir. N	Temp 74 °F	Read. 28.64 in.	- RA 09:55 - 21:30 LT - TERA 01:20 LT - RA 23:30 - 05:29 LT OCCNL DR AT 08		
Min. 34 °F	Vel. 2 m.p.h.	Corr. 28.52 in.				
Set 35 °F	Char. light & Var					
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 29.9 in.	Clds. 10/10 SK	Clds.	Clds. SK 10/10 SC	
Ppn. Liq. 0.50 in.	Prev. Dir. -	3 hr. Tend. + 2.0 mb	Wx Overcast DR	Wx	Wx -DR	
Ppn. Sol. 0.00 in.	Snow Depth T in.	Observer RAB	Vis. 2 mi.	Vis. mi.	Vis. 5 mi.	

$$\bar{T} = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\Sigma HDD = 87$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.52''$$

$$\Sigma PCNS = T$$

$$T_{\text{max}} = 37/36$$

$$T_{\text{min}} = 34/34$$

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

$$T_{\text{dew}} = 30$$

$$PCNLB = N/A$$

$$\Sigma PCNLB = N/A$$

Wed January 4, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. S	Temp 73 °F	-DZ 065-0730			
Min. 35 °F	Vel. 3 m.p.h.	Read. 28.9 in.				
Set 36 °F	Char. light & var.	Corr. 28.78 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. - mi.	Sea L. 30.19 in.	Clds. 10/10 st	Clds.	Clds. st 10/10	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. -1 mb	Wx overcast	Wx	Wx Fog, -DZ	
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer RAB	Vis. 10 mi.	Vis. mi.	Vis. 2 mi.	

$$\bar{T} = 38$$

$$\#DD = 27$$

$$CDD = 0$$

$$\sum HOD = 115$$

$$\sum CDD = 0$$

$$\sum PCNL = 0.52$$

$$\sum PCNS = T$$

$$T_{\text{trans}} = 36/34$$

$$T_{\text{unv}} = 36/34$$

$$\bar{T}_D = 35$$

$$T_D = 34$$

PCNLTS = N/A
E PCNLTS = N/A

Thursday, January 5, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. *	Dir.	Temp	OCLL-RA 1845-2055 LT OCLL-RA 2330-0220 LT -SHRA 0435-0535 LT * occurred overnight ** overnight low: 38°F			
42 °F	WSW	74 °F				
Min. **	Vel.	Read.	* occurred overnight ** overnight low: 38°F			
36 °F	10 m.p.h.	28.48 in.				
Set	Char.	Corr.	0700	1300	1900	
40 °F	Gusty	28.35 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. 6t 5c	Clds.	Clds. 6t 10/10	
76 %	— mi.	29.71 in.				
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx overcast	
0.09 in.	—	+0.2 mb	Fog			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	SBS	10 mi.	mi.	10 mi.	

$$\bar{T} = 39$$

$$HDD = 26$$

$$CDD = 0$$

$$\sum HDD = 141$$

$$\sum CDD = 0$$

$$\sum PCN_s = 0.41''$$

$$\sum PCN_s = T$$

$$T_{on-is} = 40/35$$

$$T_{un} = 39/34$$

$$T_{wet} = 38$$

$$T_{dew} = 35$$

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

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

Friday, January 6, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 41 °F	Dir. NNW	Temp 73 °F	Read. 28.62 in.	OCCNL SHSN AOB LIGHT SNOW 02:00-0530 LT -SMA 0825-0845 LT		
Min. 31 °F	Vel. 7 m.p.h.	Corr. 28.50 in.				
Set 33 °F	Char. var.					
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	0700	1300	1900	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Clds. 8/10 St, Ns	Clds.	Clds. Ws 10/10	
Ppn. Sol. 0.4 in.	Snow Depth T in.	Observer RAB	Wx MC -SHSN	Wx	Wx Flurries	
			Vis. 10 mi.	Vis. mi.	Vis. 10 mi.	

$$\bar{T} = 36$$

$$HDD = 29$$

$$CDD = 0$$

$$\sum HDD = 100$$

$$\sum CDD = 0$$

$$\sum PCN_L = 0.65''$$

$$\sum PCN_S = 0.7''$$

$$T_{unw} = 32/28$$

$$T_{axis} = 32/29$$

$$T_w = 32$$

$$T_{dew} = 31$$

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

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

Saturday, January 7, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F		Dir. SW	Temp 72 °F	- SH SW 1000-1030 LT OCC - SH SW 1520-1730 LT OCC - SH SW 1830-2300 LT		
Min. 21 °F		Vel. 1 m.p.h.	Read. 28.70 in.			
Set 21 °F		Char. Light	Corr. 28.58 in.	* Davis		
				0700	1300	1900
R.H. 64 %	*	24 hr. Mov. - mi.	Sea L. 30.01 in.	Clds. 6+	Clds.	Clds. 10/10
Ppn. T in.	Liq.	Prev. Dir. -	3 hr. Tend. - +0.0 mb	Wx Mostly Cloudy	Wx	Wx Flurries
Ppn. T in.	Sol.	Snow Depth T in.	Observer SBS	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$$\bar{T} = 27$$

$$HDD = 38$$

$$CDD = 0$$

$$\sum HDD = 209$$

$$\sum CDD = 0$$

$$\sum PCN_{WB} = 0.65''$$

$$\sum PCN_S = 0.4$$

$$T_{Davis} = 21/14$$

$$T_{UW} = 21/14$$

$$T_{wet} = N/A$$

$$T_{dew} = N/A$$

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

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

Sunday, Jan. 8, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. * 34 °F	Dir. WSW	Temp 72 °F	- SHSN 14:40 - 1700 LT - SHSN 22:40 - 23:00 LT - SHSN 03:30 - 0400 LT			
Min. ** 21 °F	Vel. 3 m.p.h.	Read. 28.90 in.	* Occurred at obs			
Set 34 °F	Char. light & var.	Corr. 28.72 in.	** overnight low near 30°F, temps ^{rose}			
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	0700 Clds. 9/10 str	1300 Clds.	1900 Clds. 6 Ci, As, 10 Cs	
Ppn. Liq. .02 in.	Prev. Dir. —	3 hr. Tend. +2.5 mb	Wx Mostly cloudy	Wx	Wx Fair	
Ppn. Sol. T in.	Snow Depth T in.	Observer RAB	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 28$$

$$HDD = 37$$

$$CDD = 0$$

$$\Sigma HDD = 245$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = .67''$$

$$\Sigma PCN_S = .4''$$

$$T_{Davis} = 34/30$$

$$T_{uvu} = 32/28$$

$$\bar{T}_W = 33$$

$$\bar{T}_d = 28$$

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

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

Monday, 9 January, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. SW	Temp 73 °F			
Min.	33 °F	Vel. 3 m.p.h.	Read. 28.66 in.			
Set	35 °F	Char. steady	Corr. 28.53 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. $\frac{4}{10}$ Cu, As, Ac	Clds. $\frac{4}{10}$ Cu, Ac, Ci	Clds. 9/10 str.
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. — +0.0 mb	Wx P. Cloudy	Wx P. Cloudy and quite breezy	Wx M. Cloudy breezy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 37^\circ$
HDD = 28
 $\Sigma \text{HDD} = 273$

$T_{\text{DAVIS}} = 37.5^\circ / 30^\circ$
 $T_{\text{UNV}} = 36^\circ / 28^\circ$

$T_w = -$
 $T_o = 30^\circ$

$\Sigma \text{PCN}_L = 0.67''$
 $\Sigma \text{PCN}_S = 0.4''$

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

Tuesday, Jan 10, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	WSW	Temp	71 °F	PEAK GUST 48 mph at 11:20 LT		
Min.	35 °F	Vel.	1 m.p.h.	Read.	29.30 in.			
Set	37 °F	Char.	light	Corr.	29.19 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov.	- mi.	Sea L.	30.60 in.	Clds. Al.	Clds. cu	Clds. Ac
Ppn. Liq.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	+ 1.0 mb	Wx	Wx	Wx
Ppn. Sol.	0.00 in.	Snow Depth	0 in.	Observer	RAB	Mostly cloudy	Mostly sunny	Mostly clear
						Vis.	Vis.	Vis.
						10 mi.	15 mi.	25 mi.

$$\bar{T} = 47$$

$$HDD = 18$$

$$CDD = 0$$

$$\pm HDD = 241$$

$$ZCDD = 0$$

$$\sum PCN_L = 0.67''$$

$$\sum PCN_S = 0.4''$$

$$T_{davis} = 36/31$$

$$T_{unv} = 34/28$$

$$T_W = 35$$

$$T_d = 33$$

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

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

Wednesday, January 11, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. WSW	Temp 72 °F			
Min.	35 * °F	Vel. 4 m.p.h.	Read. 28.95 in.			
Set	43 °F	Char. Light: Variable	Corr. 28.83 in.	*overnight low 40		
				0700	1300	1900
R.H.	61 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. st 8/10	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -1.7 mb	Wx -Fg Mostly cloudy	Wx OVERCAST -RA, FFG	Wx OVERCAST -RA, FFG
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 10 mi.	Vis. 6.3 mi.	Vis. 6.3 mi.

$$\bar{T} = 40$$

$$HDD = 25$$

$$CDD = 0$$

$$\Sigma HDD = 316$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.67''$$

$$\Sigma PCN_S = 0.4''$$

$$T_{Davis} = 42/36$$

$$T_{WV} = 41/34$$

$$T_{tot} = 39$$

$$T_{dev} = 34$$

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

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

Thursday January 12, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 47 °F	Dir. —	Temp 72 °F		OCCUR - SHRA 1030 - 1540 TS SHRA 1600 - 1640 TS SHRA 1720 - 1800 SHRA 1800 - 1840 TS SHRA 1840 - 1900 SHRA 1900 - 1920 TS SHRA 2040 - 2100		
Min. 37 °F	Vel. 0 m.p.h.	Read. 28.85 in.				
Set 38 °F	Char. Calm	Corr. 28.72 in.		0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 1/10 AS	Clds. 3/10 - Ci	Clds. 0/10	
Ppn. Liq. 0.22 in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	Wx M. clear	Wx M. clear	Wx clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 42$$

$$HDD = 23$$

$$CDD = 0$$

$$\Sigma HDD = 339$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.89''$$

$$\Sigma PCN_S = 0.4''$$

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

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

$$T_W = 36$$

$$T_D = 33.5$$

Friday January 13, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. —	Temp 71 °F			
Min.	33 °F	Vel. 0 m.p.h.	Read. 29.76 in.			
Set	33 °F	Char. Calm	Corr. 20.04 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. 4/10 ci	Clds. 2/10 ci	Clds. 10/20 sc
Ppn. Liq.	0.0 in.	Prev. Dir. —	3 hr. Tend. 1-0.5 mb	Wx M-clear	Wx M-clear pleasant	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$$\bar{T} = 45$$

$$HDD = 20$$

$$CDD = 0$$

$$\Sigma HDD = 359$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_s = 0.89''$$

$$\Sigma PCN_g = 0.4''$$

$$T_{DND_s} = 34.5/29.0$$

$$T_{UNV} = 34/30$$

$$T_w = 31$$

$$T_D = 28$$

Saturday, January 14, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F	Dir. WNW	Temp 71 °F		-RA 2108 - 2152 LT -RA/RA 2152 - 2232 LT -RA 2232 - 0153 LT RA/+RA 0153 - 0303 LT -RA 0303 - 0323 LT *Overnight Low = 47°F		
Min. 33* °F	Vel. 7 m.p.h.	Read. 28.12 in.				
Set 47 °F	Char. Gusty	Corr. 28.00 in.		0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.31 in.		Clds. SC 10/10 St	Clds.	Clds. 9 St, Sc 10 Cu
Ppn. Liq. 0.62 in.	Prev. Dir. —	3 hr. Tend. V -6.2 mb		Wx Cloudy	Wx	Wx -- SN, v. breezy
Ppn. Sol. 00 in.	Snow Depth 0 in.	Observer MLS		Vis. ~17 mi.	Vis. mi.	Vis. ~12 mi.

$\bar{T} = 46$
 $HDD = 19$
 $CDD = 0$
 $\Sigma HDD = 378$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 1.51''$
 $\Sigma PCN_S = 0.4''$

$\bar{T}_{DAVIS} = 47/43$
 $T_{CONV} =$

$T_w = M$
 $T_a = M$

$PCN_{OTC} = N/A$
 $\Sigma PCN_{LTO} = N/A$

Sunday, 15 January, 2006 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	48 °F	Dir.	NW	Temp	0920-1100LT: -RA/OCNL RA 1220-1300LT: -SN/-PE, wet snowflakes 1300-1630LT: -SN/--SN, larger flakes 1630-0015LT: OCNL--SN		
Min.	18 °F	Vel.	10 @ 20 m.p.h.	Read.			
Set	18 °F	Char.	breezy	Corr.	28.66 in.	0700	1300
R.H.	64 %	24 hr. Mov.	- mi.	Sea L.	30.01 in.	Clds.	Clds.
Ppn. Liq.	0.05 in.	Prev. Dir.	-	3 hr. Tend.	+1.5 mb	Wx Finally a winters morning + breezy	Wx
Ppn. Sol.	0.2 in.	Snow Depth	T in.	Observer	AGM	Vis.	Vis.
						25 mi.	mi.
							25 mi.
							3/10 Ci, Ac
							M. Clear



T = 33

HDD = 32

Σ HDD = 410

Σ PCN_L = 1.56"

Σ PCN_S = 0.6"

T_{DAVIS} = 18.5°/8°

T_{UNV} = 18°/5°

T_{KPSU} = 18°

T_w = -

T_o = 75°

PCN_{LTS} = 0.68"

Σ PCN_{LTS} = N/A

Monday, 16 January, 2006

0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	31 °F	Dir.	NE	Temp	69 °F		
Min.	18 °F	Vel.	1 m.p.h.	Read.	28.76 in.		
Set	20 °F	Char.	light	Corr.	28.65 in.		
R.H.	63 %	24 hr. Mov.	— mi.	Sea L.	30.05 in.		
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+0.3 mb		
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	AGM		
				0700	1300	1900	
				Clds.	Clds.	Clds.	
				10 Ci, Cs, Ac		9/10	
				Wx overcast high clouds	Wx	Wx mostly cloudy	
				Vis.	Vis.	Vis.	
				25 mi.	mi.	10 mi.	



$\bar{T} = 26^\circ$
HDD = 39
 $\Sigma \text{HDD} = 449$

$T_{\text{DAVIS}} = 20.5^\circ / 9.5^\circ$
 $T_{\text{UNV}} = 18^\circ / 10^\circ$

$T_w = -$
 $T_b = 9.5^\circ$

$\Sigma \text{PCN}_L = 1.56''$
 $\Sigma \text{PCN}_S = 0.6''$

$\text{PCN}_{\text{LTD}} = 0.02''$
 $\Sigma \text{PCN}_{\text{LTD}} = \text{N/A}$



Tuesday Jan. 17, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	31 °F	Dir.	E	Temp	69 °F	*OYN LOW 26 **DAVIS		
Min. *	19 °F	Vel.	2 m.p.h.	Read.	28.89 in.			
Set	30 °F	Char.	light	Corr.	28.78 in.			
R.H.	52** %	24 hr. Mov.	— mi.	Sea L.	30.08 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	0 mb	Clds.	Clds. A1	Clds. S1
						10/10 St	10/10 St	10/10 St
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	RAB	Wx	Wx	Wx
						Mostly cloudy	Mostly cloudy -FZRA	FZRA
						Vis.	Vis.	Vis.
						15 mi.	10 mi.	10 mi.

$\bar{T} = 25$
HDD = 40
 $\Sigma \text{HDD} = 489$
CDD = 0
 $\Sigma \text{CDD} = 0$
 $\Sigma \text{PCNL} = 1.56''$
 $\Sigma \text{PCNS} = 0.0''$

$T_{\text{Davis}} = 30/14$
 $T_{\text{Juv}} = 28/16$

$T_w = \text{N/A}$
 $T_d = 14$
Davis

$\text{PCNLTB} = \text{N/A}$
 $\Sigma \text{PCNLTB} = \text{N/A}$

Wednesday, 18 January, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.			
Max. *	Dir.	Temp	PL-FZRA 1115-1215 LT -FZRA 1215-1350 LT -PL-FZRA 1430-1510 LT -FZRA 1850-1930 LT FZRA 1950-2100 LT RA 2100-06s * OCCURRED NEAR TODAY'S OBS IN AM ** OCCURRED NEAR YESTERDAY'S OBS IN AM			R-record daily rainfall (old record - 1.12" in 1978)	
39 °F	SW	70 °F					
Min. **	Vel.	Read.					
29 °F	4 m.p.h.	28.26 in.					
Set	Char.	Corr.					
38 °F	Light: variable	28.14 in.	0700	1300	1900		
R.H.	24 hr. Mov.	Sea L.	Clds. Ns	Clds.	Clds.		
100 %	- mi.	29.50 in.	10/10	10/10 CB	10/10 ST		
Ppn. Lig.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
1.49 in. R	-	W-0.0 mb	RA, FG	-FG OVERCAST -SN	-FG OVERCAST		
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
T in.	0 in.	SBS	5 mi.	25 mi.	25 mi.		

$$\bar{T} = 34$$

$$HDD = 31$$

$$CDD = 0$$

$$\sum HDD = 520$$

$$\sum CDD = 0$$

$$\sum PCN_L = 3.06''$$

$$\sum PCN_S = 0.6''$$

$$T_{Davis} = 37/37$$

$$T_{UW} = 39/39$$

$$T_{ref} = 38$$

$$T_{new} = 38$$

$$PCN_{178} = 1.24''$$

$$\sum PCN_{178} = N/A$$

Thursday January 20, 1972
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. Wst	Temp 70 °F	Temp 70 °F	RA 0700 - 0730 LT - SHRA 0730 - 0850 LT - SHSN 0850 - 1400 LT - SHSN 1940 - 2000 LT		
Min. 27 °F	Vel. 4 m.p.h.	Read. 29.05 in.	Read. 29.05 in.			
Set 28 °F	Char. 45kt variable	Corr. 20.93 in.	Corr. 20.93 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 0/10	Clds. Strat 8/10	Clds. 0/10	
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend. +1.0 mb	Wx clear	Wx m cloudy	Wx clear	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 33$
HDD = 32
CDD = 0
EHDD = 552
ECDD = 0
EPCN₂ = 3.06"
EPCN₅ = 0.6"

T_{DAVIS} = 29/20
TUNV =

T_W = N/A
T_D = 20"

PCN_{LTP} = 3.16"

" Data from DAVIS

Friday January 20, 2000
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	50 °F	Dir.	West	Temp	70 °F	* overnight low = 34°			
Min.	26 °F	Vel.	10 m.p.h.	Read.	29.95 in.				
Set	49 °F	Char.	Wusty	Corr.	20.83 in.				
R.H.	57 %	24 hr. Mov.	- mi.	Sea L.	30.13 in.	0700	1300	1900	
Clds.	3/10 AC	Clds.	10/10 AC	Clds.	3/10 AC				
Ppn. Liq.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	-±0.0 mb	Wx	Wx	Wx	Mostly Cloudy
Miclar	overcast					25 mi.	25 mi.	25 mi.	
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	CJP				

$$\bar{T} = 38$$

$$HDD = 27$$

$$CDD = 0$$

$$\Sigma HDD = 579$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 3.06''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{DAYS} = 51/35$$

$$T_{UNV} = 43/28$$

$$T_W = 42$$

$$T_D = 34$$

Saturday, January 21, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. SSW	Temp 70 °F			
Min.	46 °F	Vel. 7 m.p.h.	Read. 28.71 in.			
Set	49 °F	Char. Gusty	Corr. 28.60 in.	0700	1300	1900
R.H.	59 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. Ac 9/10 As St	Clds.	Clds. 3/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -1.2 mb	Wx Mostly Clardy	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 53$$

$$HDD = 12$$

$$CDD = 0$$

$$\sum HDD = 591$$

$$\sum CDD = 0$$

$$\sum PCNL = 3.06''$$

$$\sum PCNS = 0.6''$$

$$T_{DAVIS} = 50/36$$

$$T_{UNV} = 46/36$$

$$T_d = M$$

$$T_w = M$$

$$PCN_{50} = W/A$$

$$\sum PCN_{50} = N/A$$

Sunday, 22 January, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir.	Temp	OCNL - RASH: 0740-1140LT		
	—		69.5 °F			
Min.	24 °F	Vel.	Read.			
		0 m.p.h.	29.40 in.	At Obs:		
Set	24 °F	Char.	Corr.	SPOTTY FROST and LIGHT FOG to East		
		calm	29.29 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.75 in.	9 10 Ci, Cs		9 St, As, 10 Ac
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx Fair w/	Wx	Wx	Wx
T in.	—	+1.1 mb	Increasing cirrus clouds			M. Cloudy
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
0.0 in.	0 in.	AGM	25 mi.		mi.	25 mi.

$$\bar{T} = 41^\circ$$
$$HDD = 24$$

$$T_{DAVIS} = 26^\circ/21.5^\circ$$
$$T_{UNV} = 23^\circ/21^\circ$$

$$T_{WB} = N/A$$
$$T_{DP} = 21.5^\circ$$

$$\Sigma HDD = 616$$
$$\Sigma PCN_L = 3.05''$$
$$\Sigma PCN_S = 0.6''$$

$$PCN_{LTS} = 1.41''$$
$$\Sigma PCN_{LTS} = N/A$$

MONDAY 23 JANUARY 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F	Dir. -	Temp 71 °F	* ONNT LOW 32 -RA 2150 - 0000 LT			
Min. 24 °F	Vel. 0 m.p.h.	Read. 28.92 in.	-F2M, -PL 0000 - 0530 LT, OCC - F2M, PL, -SN -RA 0530 - 0555			
Set 33 °F	Char. CALM	Corr. 28.80 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	Clds. 10/10 Ns	Clds. 10/10 Ns, St	Clds. 5/10	
Ppn. Liq. 0.48 in.	Prev. Dir. -	3 hr. Tend. -2.0 mb	Wx -RA	Wx Overcast	Wx partly cloudy	
Ppn. Sol. 0.4 in.	Snow Depth T in.	Observer WJS	Vis. 7 mi.	Vis. ~ 15 mi.	Vis. 10 mi.	

$$\begin{aligned}\bar{T} &= 31 \\ H_{DD} &= 34 \\ \sum H_{DD} &= 650 \\ \sum PCN_L &= 3.53 \\ \sum PCN_S &= 1.0\end{aligned}$$

$$\begin{aligned}T_{DMS} &= 33/31 \\ T_{UNV} &= 32/32\end{aligned}$$

$$\begin{aligned}T_w &= N/A \\ T_D &= 31\end{aligned}$$

Tues. Jan 24, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	39 °F	Dir.	WSW	Temp	70 °F	*DAVIS - RA 0721-1042 LT, OCCNL FZRA - RA 1400-1430 LT			
Min.	25 °F	Vel.	2 m.p.h.	Read.	28.74 in.				
Set	26 °F	Char.	light	Corr.	28.63 in.				
R.H.	88%*	24 hr. Mov.	- mi.	Sea L.	30.03 in.	0700	1300	1900	
Clds.	0/10	Clds.	0/10	Clds. St	10/10				
Ppn. Liq.	.04 in.	Prev. Dir.	-	3 hr. Tend.	-1.0 mb	Wx	clear	Wx	partly cloudy
Wx	clear	Wx	partly cloudy	Wx	changing +RA +0 +SN				
Ppn. Sol.	0.0 in.	Snow Depth	T in.	Observer	RAB	Vis.	15 mi.	Vis.	10 mi.
Vis.	15 mi.	Vis.	10 mi.	Vis.	1 mi.				

$\bar{T} = 32$

HDD = 33

Σ HDD = 683

CDD = 0

Σ CDD = 0

Σ PCNL = 357"

Σ PCV_s = 1.0

T_{DAIS} = 26/23

T_{UNW} = 25/23

T_W = N/A

T_d = 23
DAIS

PCNL_{LTB} = N/A

Σ PCNL_{LTB} = N/A

Wednesday, 25 January, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. W	Temp 70 °F		-SHRA 1730-1750 LT 0ccl -SN +SHRA 1850-1900 LT 0330-0500 LT +SHSN 1900-1920 LT -SHSN 2250-2310 LT 0ccl -SN 0130-0250 LT x overnight low 30°F ** Davis		
Min. * 25 °F	Vel. 19 m.p.h.	Read. 28.48 in.				
Set 30 °F	Char. Gusty	Corr. 28.36 in.		0700	1300	1900
R.H. ** 70 %	24 hr. Mov. - mi.	Sea L. 29.75 in.	Clds. sc 10/10	Clds. 10/10 CB	Clds. 10/10 CB	
Ppn. Liq. 0.15 in.	Prev. Dir. -	3 hr. Tend. -1.5 mb	Wx Breezy	Wx Fog (VRCST) -SN	Wx Fog (VRCST) -SN	
Ppn. Sol. 0.5 in.	Snow Depth T in.	Observer SBS	Vis. 25 mi.	Vis. 6.3 mi.	Vis. 6.3 mi.	

$$\begin{aligned}\bar{T} &= 35 \\ H_{DD} &= 30 \\ \Sigma H_{DD} &= 713 \\ C_{DD} &= 0 \\ \Sigma C_{DD} &= 0 \\ \Sigma PCN_L &= 3.72'' \\ \Sigma PCN_S &= 1.5''\end{aligned}$$

$$\begin{aligned}T_{Davis} &= 30/24 \\ T_{UVV} &= 30/23\end{aligned}$$

$$\begin{aligned}T_{wet} &= n/a \\ T_{dew} &= n/a\end{aligned}$$

$$\begin{aligned}PCN_{LTB} &= \\ \Sigma PCN_{LTB} &= N/A\end{aligned}$$

Thursday January 26, 2000
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 32 °F	Dir. NW	Temp 70 °F		-SHSN 08:40 - 09:00 LT		
Min. 22 °F	Vel. 11 m.p.h.	Read. 24.03 in.		-SHSN 11:40 - 13:40 LT		
Set 22 °F	Char. busty	Corr. 20.91 in.		OCCL - SHSN 1500 - 1740 LT		
				-SHSN 1820 - 2120 LT		
				-SHSN 0040 - 0100 LT		
				0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 6/10 AC	Clds. AC 1/10	Clds. 0/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1+0.8 mb	Wx M. cloudy	Wx clear	Wx clear	
Ppn. Sol. 0.2 in.	Snow Depth T in.	Observer OP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 27$$

$$HDD = 38$$

$$CPD = 0$$

$$\Sigma HDD = 751$$

$$\Sigma HDD = 0$$

$$\Sigma PCN_2 = 3.72''$$

$$\Sigma PUNS = 1.74''$$

$$T_{DNFS} = 23/11$$

$$T_{UNV} = 21/9$$

$$TW = N/A$$

$$T_D = 11 \circ$$

◦ Data from Davis

Friday January 27, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	30 °F	Dir. WSW	Temp 70 °F			
Min.	10 °F	Vel. 2 m.p.h.	Read. 29.41 in.			
Set	19 °F	Char. light	Corr. 29.29 in.	0700	1300	1900
R.H.	72%	24 hr. Mov. — mi.	Sea L. 30.59 in.	Clds. 0/10	Clds. 0/10	Clds. Cs 1/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -30.0 mb	Wx clear	Wx clear	Wx mostly clear
Ppn. Sol.	0.0 in.	Snow Depth T in.	Observer OSP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 24$$

$$HDD = 41$$

$$CDD = 0$$

$$\Sigma HDD = 792$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 3.72''$$

$$\Sigma PCN_S = 1.7''$$

$$T_{DAVIS} = 20/13$$

$$T_{UNV} = 10/12$$

$$T_W = N/A$$

$$T_D = 13''$$

A Data from Davis

Saturday, January 28, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	42 °F	Dir.	W	Temp	70 °F			
Min.	19* °F	Vel.	4 m.p.h.	Read.	29.13 in.			
Set	36 °F	Char.	Light + Variable	Corr.	29.02 in.			
R.H.	43 %	24 hr. Mov.	— mi.	Sea L.	30.43 in.	* Overst Low = 32°F		
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	L - 0.1 mb	0700	1300	1900
Ppn. Sol.	0.0 in.	Snow Depth	T in.	Observer	MLS	Clds. As 2/10 Cs	Clds.	Clds. 3/10 Ci, Cs
						Wx Mostly Clear	Wx Another mild January day	Wx Fair
						Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{F} = 31$$

$$HDD = 34$$

$$CDD = 0$$

$$\sum HDD = 826$$

$$\sum CDD = 0$$

$$\sum PCN = 3.72"$$

$$\sum PCN_s = 1.7"$$

$$T_{max} = 36/15$$

$$T_{min} = 34/19$$

$$T_w = 17$$

$$T_s = 17$$

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

$$\sum PCN_{UD} = N/A$$

Sunday, 29 January, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	56 [Ⓢ] °F	Dir.	Temp	* Daws instruments down, data obtained or calculated from UNV. Ⓢ Stevenson Screen vandalized overnight, possible minor illegitimacy (<1°F) in readings		
			69.5 °F			
Min.	33 [Ⓢ] °F	Vel.	Read.			
		0* m.p.h.	28.68 in.			
Set	34 [Ⓢ] °F	Char.	Corr.	0700	1300	1900
		calm*	28.56 in.			
R.H.	78%*	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	28.95 in.	$\frac{10}{10}$ St, Ns		$\frac{10}{10}$ St, Ns
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	7-3.0 mb	Cloudy		-DZ
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	AGM	~20 mi.	mi.	~15 mi.

$$\bar{T} = 45^\circ$$

$$HDD = 20$$

$$\Sigma HDD = 846$$

$$\Sigma PCN_L = 3.72''$$

$$\Sigma PCN_S = 1.7''$$

$$T_{DAVIS} = M/M$$

$$T_{UNV} = 32^\circ/28^\circ$$

$$T_{KPSU} = M/M$$

$$T_{up} = M$$

$$T_{op} = 28^\circ$$

$$PCN_{up} = 0.00''$$

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

Monday, 30 January, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	Dir.	Temp	-RA/-DZ: 740-810LT -RA/RA: 1015-1415LT TRA: 1540-1615LT -RA/-DZ: 1850-1930LT			*Overnight low = 43°			
50 °F	W	71 °F							
Min.	Vel.	Read.							
34* °F	4 m.p.h.	28.60 in.							
Set	Char.	Corr.							
44 °F	steady	28.48 in.							
R.H.	24 hr. Mov.	Sea L.	Clds.		Clds.		Clds.		
82 %	— mi.	29.72 in.	$\frac{10}{10}$ Ac, Cu, Sc		$\frac{6}{10}$ Sc, Cu		$\frac{10}{10}$ St, (Kc?)		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx Widespread cumulus, but lack of fog		Wx		Wx		
0.22 in.	—	+0.5 mb			P. cloudy		Overcast		
Ppn. Sol.	Snow Depth	Observer	Vis.		Vis.		Vis.		
0.0 in.	0 in.	AGM	25 mi.		25 mi.		~20 mi.		

$$\bar{T} = 42^\circ$$

$$HDD = 23$$

$$\Sigma HDD = 869$$

$$\Sigma PCN_e = 3.94''$$

$$\Sigma PCN_s = 1.7''$$

$$T_{DAMS} = 45^\circ / 39.5^\circ$$

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

$$T_{WB} = 41.5^\circ$$

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

$$PCN_{WB} = 0.17''$$

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

Tuesday, January 31, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 54 °F	Dir. NW	Temp 71 °F				-RA 2325-01:04 LT -RA 0611-08 0657		
Min. 36 °F	Vel. 5 m.p.h.	Read. 28.54 in.				-RA 00:04-00:26 LT -RA 00:26-01:13 LT RA+RA 01:13-01:48 LT -RA/RA 01:48-05:08 LT		
Set 37 °F	Char. Light* Variable	Corr. 28.42 in.				0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.80 in.		Clds. st / _{sc} 10/10		Clds. 14/5c		Clds. Sc 10/10
Ppn. Liq. 0.32 in.	Prev. Dir. —	3 hr. Tend. +1.3 mb		Wx Cloudy		Wx DUCK		Wx Overcast
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS		Vis. ~20 mi.		Vis. 2.5 mi.		Vis. ~10 mi.

$$\bar{T} = 45$$

$$HDD = 20$$

$$CDD = 0$$

$$\sum HDD = 887$$

$$\sum CDD = 0$$

$$\sum PCN_L = 4.26''$$

$$\sum PCN_S = 1.7''$$

$$T_{DAVIS} = 37/33$$

$$T_{UW} = 37/32$$

$$T_d = M$$

$$T_w = M$$

JAN TEMPS

$$\bar{T}_{MAX} = 43.6$$

$$\bar{T}_{MIN} = 28.7$$

$$\bar{T}_{GM} = 36.2$$

$$(+9.6^\circ)$$

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

$$\sum PCN_{LTD} = N/A$$