

Thursday March 1, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. E	Temp 76 °F	-SN 0600 - 0630			
Min. 29 °F	Vel. 2 m.p.h.	Read. 29.04 in.				
Set 30 °F	Char. Light	Corr. 28.91 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. Cs 8/10	Clds. 10/10 AS	Clds. Ns 12/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -1 mb	Wx mostly cloudy	Wx overcast	Wx Rain	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer AK	Vis. 25 mi.	Vis. ~17 mi.	Vis. ~17 mi.	

$$\bar{T} = 33$$

$$H00 = 33$$

$$C00 = 0$$

$$\epsilon H00 = 33$$

$$\epsilon C00 = 0$$

$$\epsilon PCU = T$$

$$\epsilon PCU_s = T$$

$$T_{Davis} = 32/27$$

$$T_{UV} = 30/25$$

$$G_{uv} = T$$

$$\epsilon G_{uv} = T$$

Friday March 2, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. SW	Temp 76 °F	- RA 1904-2002 - RA 0001 RA 2129-0700			
Min. * 30 °F	Vel. 4 m.p.h.	Read. 28.68 in.				
Set 39 °F	Char. Lght	Corr. 28.53 in.	* DUNT LOW 38			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	Clds. N_5 $\frac{10}{10}$	Clds. $\frac{0}{10}$	Clds. 7/10 ST	
Ppn. Liq. 0.53 in.	Prev. Dir. —	3 hr. Tend. -3 mb	Wx Rain	Wx Clear	Wx Hi. Cloudy	
Ppn. Sol. 0 in.	Snow Depth 1 in.	Observer AK	Vis. 6.3 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 37$$

$$I+DD = 28$$

$$CDD = 0$$

$$\sum HDD = 60$$

$$\sum CDD = 0$$

$$\sum PCW_L = 0.53$$

$$\sum PCN_3 = T$$

$$T_{DAYS} = 38/38$$

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

$$G_{avg} = 0.55$$

$$\sum G_{avg} = 0.55$$

Saturday March 3, 2007
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. WSW	Temp 76 °F	-SHRA 2020-2040 LT		
Min.	35 °F	Vel. 5 m.p.h.	Read. 28.52 in.			
Set	35 °F	Char. light variable	Corr. 28.39 in.	0700	1300	1900
R.H.	69 %	24 hr. Mov. - mi.	Sea L. 29.66 in.	Clds. 4/10 ST CU	Clds.	Clds. 10/10 Hs, Sc
Ppn. Liq.	T in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx M. Cloudy	Wx	Wx -SN, breezy
Ppn. Sol.	0.0 in.	Snow Depth T in.	Observer GDP	Vis. 25 mi.	Vis. mi.	Vis. ~3 mi.

$$\bar{T} = 43$$

$$HOD = 22$$

$$CDD = 0$$

$$\Sigma HOD = 82$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.53''$$

$$\Sigma PCNS = T$$

$$T_{DMIS} = 35.5/26$$

$$T_{UNV} = 34/25$$

$$T_w = N/A$$

$$T_b = 26^*$$

*Sam Davis

G2: T
 $\Sigma G2: 0.55''$

Sunday, 4 March, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	44 °F	Dir.	W	Temp	0800-0850LT: -SHSN/SHSN 1850-2020LT: -SHSN/OCNL--SHSN 0000LT-085: OCNL-SHSN			
				74.5 °F				
Min.	25 °F	Vel.	9 m.p.h.	Read.				28.64 in.
Set	25 °F	Char.	steady	Corr.	28.51 in.			
R.H.	75 %	24 hr. Mov.	- mi.	Sea L.	29.93 in.	0700	1300	1900
Ppn. Liq.	0.01 in.	Prev. Dir.	-	3 hr. Tend.	+1.0 mb	Clds.	Clds.	Clds.
						10 As, Cu, Ns		10 As
Ppn. Sol.	0.2 in.	Snow Depth	T in.	Observer	AGM	Wx	Wx	Wx
						-- SHSN		Brak
				Vis.	25 mi.	Vis.	mi.	~20 mi.

$T = 35^\circ$
HDD = 30
 $\Sigma \text{HDD} = 112$

$T_{\text{DAVIS}} = 25^\circ/10^\circ$
 $T_{\text{UNV}} = 27^\circ/19^\circ$
 $T_{\text{KPSH}} = 27^\circ/\text{M}$

$T_v = \text{---}$
 $T_b = 18^\circ$

$\Sigma \text{PCN}_L = 0.54''$
 $\Sigma \text{PCN}_S = 0.2''$

$\text{PCN}_{L78} = 0.62''$

$\text{PCN}_{Q2} = 0.05''$
 $\Sigma \text{PCN}_{Q2} = 0.60''$

Monday, 5 March, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 31 °F	Dir. WSW	Temp 75 °F		0950-1430LT: -SH SNs/ocNL SH SN 1720-2230LT: ocNL -SH SN/--SH SN 550LT-OBS: -SN		
Min. 24* °F	Vel. 18 m.p.h.	Read. 28.66 in.				
Set 27 °F	Char. steady	Corr. 28.53 in.	*Overnight low = 25°			
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 10/10 Ns, Sc	Clds. 10/10 NS	Clds. 2/10 CU	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ✓ +0.0 mb	Wx -SN	Wx -SN -SH -OCST	Wx Breezy	
Ppn. Sol. 0.2 in.	Snow Depth T in.	Observer AGM	Vis. = 4 mi.	Vis. E~17 SE 4 mi.	Vis. 25 mi.	

$$\bar{T} = 28^\circ$$

$$HDD = 37$$

$$\Sigma HDD = 149$$

$$\Sigma PCN_1 = 0.54''$$

$$\Sigma PCN_3 = 0.4''$$

$$T_{DAVIS} = 26.5^\circ / 20.5^\circ$$

$$T_{UNV} = 27^\circ / 21^\circ$$

$$T_{KPSU} = 27^\circ / M$$

$$T_w = -$$

$$T_b = 20^\circ$$

† from puck of ice of a previous days (?) precipitation

$$PCN_{62} = 0.06''^\dagger$$

$$\Sigma PCN_{62} = 0.66''$$

Tuesday, 6 March 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	34 °F		Dir.	NW	Temp	74 °F	0700-0800 LT: -SHSN		
Min.	7 °F		Vel.	13 m.p.h.	Read.	29.23 in.	0900-1900 LT: -SHSN		
Set	7 °F		Char.	Steady.	Corr.	29.10 in.	1900-1915 LT: +SHSN		
							0700	1300	1900
R.H.	52 %		24 hr. Mov.	- mi.	Sea L.	30.61 in.	Clds. ST.	Clds.	Clds.
							1/10	0 TD	3/10 Ci
Ppn. Liq.	.01 in.		Prev. Dir.	-	3 hr. Tend.	42.5 mb	Wx	Wx	Wx
							Cold.	Sunny, windy	M, Clear
Ppn. Sol.	.1 in.		Snow Depth	T in.	Observer	JMZ	Vis.	Vis.	Vis.
							25 mi.	25 mi.	25 mi.

$$\bar{T} = 21$$

$$MDD = 44$$

$$\Sigma MDD = 193$$

$$T_{Davis} = 7^{\circ} / -7^{\circ}$$

$$T_{UNV} = 7^{\circ} / -6^{\circ}$$

$$T_w = -$$

$$T_D = -7^{\circ}$$

$$\Sigma PCN_L = 0.55''$$

$$\Sigma PCN_S = 0.5''$$

$$PCN_{G2} = 0.01''$$

$$\Sigma PCN_{G2} = 0.67''$$

Wednesday, 7 March 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SN 0120LT-0200LT SN 0200LT-0220LT -SN 0220LT-Obs. * Overnight Low: 12°			
21 °F	ESE	74 °F				
Min.	Vel.	Read.				
7 °F	0 m.p.h.	29.05 in.	0700	1300	1900	
Set	Char.	Corr.	Clds.	Clds.	Clds.	
14 °F	Calm	28.92 in.	10/10 Ns	9/10 SC	7/10 SC	
R.H.	24 hr. Mov.	Sea L.	Wx	Wx	Wx	
81 %	- mi.	30.39 in.	-SN, Fog	M. Cloudy	Cloudy	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Vis.	Vis.	Vis.	
0.16 in.	-	1-1.8 mb	0.7 mi.	25 mi.	25 mi.	
Ppn. Sol.	Snow Depth	Observer				
2.0 in.	2" in.	AJB				

T: 14
HDD: 51
EHDD: 244
CDD: 0
ECDD: 0
EPCN_L: 0.71"
EPCN_S: 2.5"

TDAVIS: 13/8
Tunv: 13/9

Tw: —
To: 9

PCN₆₃: 0.15
EPCN₆₃: 0.82"

Thursday March 8, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 26 °F	Dir. SW	Temp 74 °F	-SN 08-1100 all SN -SN 1524-1713			
Min. 9 °F	Vel. 3 m.p.h.	Read. 29.04 in.				
Set 10 °F	Char. Light	Corr. 28.82 in.	0700	1300	1900	
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. C: 5/10 Cs	Clds.	Clds. C: 5/10 Cs	
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. ~+1 mb	Wx Sunny, Cold	Wx	Wx Sunny	
Ppn. Sol. 1.7 in.	Snow Depth 2 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 18$$

$$H00 = 47$$

$$C00 = 0$$

$$\sum H00 = 291$$

$$\sum C00 = 0$$

$$\sum RLU_L = 0.77''$$

$$\sum RLU_S = 4.2''$$

$$T_{Davis} = 11/3$$

$$T_{UNU} = 10/3$$

$$G_{avg} = 0.06$$

$$\sum G_{avg} = 0.88''$$

Friday March 12, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. —	Temp 74 °F				
Min. 10 °F	Vel. 0 m.p.h.	Read. 29.24 in.				
Set 14 °F	Char. Calm	Corr. 28.12 in.	*0.14 low 14			
						0700
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. Ci 3/10 Cs	Clds. 0/10	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Sunny	Wx Clear	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer AK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 22$
 $H00 = 43$
 $C00 = 0$
 $\Sigma H00 = 334$
 $\Sigma C00 = 0$
 $\Sigma PCW_L = 0.77''$
 $\Sigma PCW_S = 4.2''$

$T_{Darts} = 17/8$
 $T_{UNV} = 16/9$

$G_{avg} = 0.00$
 $\Sigma G_{avg} = 0.88''$

Saturday March 10, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F		Dir. SW	Temp 73 °F			
Min. 14 °F		Vel. 8 m.p.h.	Read. 29.22 in.			
Set 34 °F		Char. Light	Corr. 28.91 in.	MOON LOW 34		
				0700	1300	1900
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. Ci 6 Cs	Clds.	Clds. Ns 10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1 mb	Wx Partly Sunny	Wx	Wx Light Rain	
Ppn. Sol. 0.0 in.	Snow Depth 1 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 6.3 mi.	

$$\bar{T} = 28$$

$$HND = 37$$

$$CDD = 0$$

$$\Sigma HND = 371$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_1 = 0.77''$$

$$\Sigma PCN_2 = 4.2''$$

$$T_{Davis} = 34/26$$

$$T_{UV} = 30/23$$

$$G_{avg} = 0.00$$

$$\Sigma G_{avg} = 0.88''$$

Sunday March 11, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F		Dir. WSW	Temp 74 °F	-RA 1513-1918		
Min. 34 °F		Vel. 4 m.p.h.	Read. 29.24 in.			
Set 34 °F		Char. LT44+	Corr. 29.11 in.	0700	1300	1900
R.H. 75 %		24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 0 10	Clds.	Clds. As 10 ci
Ppn. Liq. 0.07 in.		Prev. Dir. —	3 hr. Tend. +3 mb	Wx Sunny	Wx	Wx Sunny
Ppn. Sol. 0.0 in.		Snow Depth T in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 43$$

$$H00 = 22$$

$$C00 = 0$$

$$\Sigma H00 = 393$$

$$\Sigma C00 = 0$$

$$\Sigma PLW_L = 0.84''$$

$$\Sigma PLW_S = 4.2''$$

$$T_{Davis} = 35/28$$

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

$$G_{aged} = 0.09''$$

$$\Sigma G_{aged} = 0.97''$$

Monday March 12, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 46 °F	Dir. —			Temp 73 °F				
Min. 28 °F	Vel. 0 m.p.h.			Read. 29.26 in.				
Set 29 °F	Char. Calm			Corr. 29.13 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.			Sea L. 30.44 in.	Clds. C 4/10 (cont'd)	Clds.	Clds. Sc 10 As	
Ppn. Liq. 0.00 in.	Prev. Dir. —			3 hr. Tend. +1 mb	Wx Sunny	Wx	Wx Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.			Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\Sigma HDD = 421$$

$$\Sigma (DD) = 0$$

$$\Sigma PCN_1 = 0.84''$$

$$\Sigma PCN_2 = 4.2''$$

$$T_{Davis} = 31/24$$

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

$$G_{avg} = 0.00''$$

$$\Sigma G_{avg} = 0.97''$$

Tuesday, March 13, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. —		Temp 74 °F			
Min. 29 °F	Vel. 0 m.p.h.		Read. 29.05 in.			
Set 41 °F	Char. Calm		Corr. 28.93 in.	OUNT LOW 34		
R.H. 49 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. A _s 10 C _s	0700 Clds.	1300 Clds.	1900 Clds. Cirrus 4/10 CiCum
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — ±0 mb	Wx Cloudy	Wx	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 43$$

$$H00 = 22$$

$$C00 = 0$$

$$\sum H00 = 443$$

$$\sum C00 = 0$$

$$\sum \rho C N_L = 0.84''$$

$$\sum \rho X N_S = 4.2''$$

$$T_{\text{Quits}} = 44/28$$

$$T_{\text{WV}} = 43/27$$

$$G_{\text{avg}} = 0.00''$$

$$\sum G_{\text{avg}} = 0.97''$$

Wednesday, March 14, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	70° °F	Dir.	WSW	Temp	76 °F			
Min.	41 °F	Vel.	4 m.p.h.	Read.	28.82 in.			
Set	51 °F	Char.	Steady	Corr.	28.68 in.	*Overnight Low: 49°		
R.H.	74 %	24 hr. Mov.	— mi.	Sea L.	30.03 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	-0.5 mb	Clds. Ci, As 5/10 cc, cc, cc	Clds. 10/10 Ns	Clds. 10/10 St
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	ADB	Wx P. Cloudy	Wx Overcast Drizzle	Wx Overcast
				Observer	ADB	Vis. 25 mi.	Vis. 16 mi.	Vis. 10 mi.

F: 56

T_{DAVS}: 54/46

T_w: 47

HDD: 9

T_{UNV}: 52/43

T_o: 43

ΣHDD: 452

CDD: 0

ΣCDD: 0

ΣPCN_L: 0.84"

ΣPCN_S: 4.2"

PCN₆₂ = 0.00"

ΣPCN₆₂ = 0.97"

Thursday, 15 March, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	NNE	Temp	77 °F	-RA 1012-1202 RA 1202-1222 -RA 1222-1244 -RA 1323-1402 *overnight: 52		
Min.	51 °F	Vel.	8 m.p.h.	Read.	28.77 in.			
Set	52 °F	Char.	Steady	Corr.	28.63 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	29.98 in.	Clds.	Clds.	Clds.
Ppn.	0.21 in.	Prev. Dir.	—	3 hr. Tend.	+2.0 mb	10/10 Nb	10/10 St, As	
						Wx	Wx	Wx
						-RA, Fog	Chilly, breezy T=37F	
Ppn. Sol.	0.0 in.	Snow Depth	0.0 in.	Observer	ADB	Vis.	Vis.	Vis.
						~4 mi.	~20 mi.	mi.

F: 59

HDD: 6

ΣHDD: 458

CDD: 0

ΣCDD = 0

ΣPCN_L = 1.05"

ΣPCN_S = 4.2"

ToAUV: 49/47

Tunv: 46/46

more obs:

TS 2244-0002

Occl. RA 0002-obs.

Tw: 49

To: 49

PCN_G = 0.25"

ΣPCN_G = 1.22"

Friday March 16, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. NINE	Temp 74 °F		-SHRA 0800 - 1400 LT		
Min. 23 °F	Vel. 2 m.p.h.	Read. 29.03 in.		-SHSN 1400 - 1600 LT		
Set 23 °F	Char. Light + Variable	Corr. 28.90 in.		-SHSN 0300 - 0400 LT		
				0700	1300	1900
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 10/10 NS	Clds. 10/10 NS	Clds. 10/10 NS	
Ppn. Liq. 0.22" in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx -SHSN OVCAS	Wx -SN/SN	Wx -SHSN	
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer CJP	Vis. 0.25 mi.	Vis. 0.4 mi.	Vis. 0.25 mi.	

$T = 38$

$HDD = 27$

$CDD = 0$

$\Sigma HDD = 485$

$\Sigma CDD = 0$

$\Sigma PCN_2 = 1.27''$

$\Sigma PCN_3 = 4.3''$

$T_{DAVIS} = 24/22$

$T_{UNV} = 23/21$

~~10/21~~

$TW = N/A$

$T_D = 22^*$

*from Davis

$G_2: 0.02''$
 $\Sigma G_2: 1.24''$

March 17, 2007 Sunday 34
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 26 °F	Dir. NE	Temp 73 °F	- SHSN (LOCAL MODERATE) 0800-0800 LT			
Min. 21 °F	Vel. 6 m.p.h.	Read. 28.68 in.	* REC. SNOW (2nd = 5.0, 1956)			
Set 21 °F	Char. Breezy	Corr. 28.55 in.	0700	1300	1900	
R.H. 81 %	24 hr. Mow — mi.	Sea L. 29.84 in.	Clds. 10/10 NS	Clds.	Clds.	
Ppn. Liq. 0.99 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx - SHSN OVERCAST	Wx	Wx	
Ppn. Sol. 7.6 in.	Snow Depth 8 in.	Observer GSP	Vis. 24 mi.	Vis. mi.	Vis. mi.	

$$\bar{T} = 24$$

$$HDD = 41$$

$$CDD = 0$$

$$\Sigma HDD = 526$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 2.26''$$

$$\Sigma PCN_5 = 11.9''$$

$$T_{DAVIS} = 26/24$$

$$T_{WV} = 21/16$$

$$T_W = N/A$$

$$T_D = 16^{th}$$

2.26''

*from NWS

$$GZ: 0.26''$$

$$\Sigma GZ: 1.50''$$

$$\bar{T} = 26^\circ$$

$$\text{HDD} = 39$$

$$\Sigma \text{HDD} = 565$$

$$\Sigma \text{PCN}_1 = 2.26''$$

$$\Sigma \text{PCN}_2 = 11.9''$$

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

$$T_{\text{UNV}} = 21^\circ/12^\circ$$

$$T_{\text{KPSU}} = 18^\circ/\text{M}$$

$$T_w = \text{M}$$

$$T_b = 12^\circ\text{K}$$

* Walker ref (DAYS) not updating since yesterday,
so data from KPSU/KUNV used where available

$$\text{PCN}_{\text{UNV}} = 0.56''$$

$$\text{PCN}_{\text{KPSU}} = \text{T}$$

$$\Sigma \text{PCN}_{\text{KPSU}} = 1.50''$$

Monday, 19 March, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. SW	Temp 73.5 °F	Snow pack very granular, dense, crusty on top rimoh			
Min. 21 °F	Vel. 1 m.p.h.	Read. 29.08 in.				
Set 22 °F	Char. ~ calm	Corr. 28.96 in.				
R.H. 59 %	24 hr. Mov. — mi.	Sea L. 30.41 in.	(1315)			
Ppn. Liq. 0.00" in.	Prev. Dir. —	3 hr. Tend. -0.4 mb	0700	1300	1900	
Ppn. Sol. 0.0" in.	Snow Depth 5 in.	Observer AGM	Clds. 2/10 As, Ci	Clds. 10/10 As	Clds. 10/10 NS	
			Wx clear and chilly	Wx overcast	Wx -Ra	
			Vis. 25 mi.	Vis. 25 mi.	Vis. 4 mi.	

$\bar{T} = 29^\circ$
HDD = 36
 $\Sigma \text{HDD} = 601$
 $\Sigma \text{PCN}_L = 2.26''$
 $\Sigma \text{PCN}_S = 11.9''$

$T_{\text{DAYS}} = 23.5^\circ/10^\circ$
 $T_{\text{UNW}} = 23^\circ/9^\circ$
 $T_{\text{KFSU}} = 24^\circ/\text{M}$

$T_W = -$
 $T_D = 10^\circ$

$\text{PCN}_{G2} = 0.00''$
 $\Sigma \text{PCN}_{G2} = 1.50''$

Tuesday 20 March, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. WNW	Temp 74 °F	DCCI -SN: 1400-1515 LT			
Min. 22* °F	Vel. 3 m.p.h.	Read. 29.11 in.	SN, OCCI +SN: 1515-1600 LT			
Set 38 °F	Char. Light	Corr. 28.98 in.	SN PL: 1600-1900 LT			
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 31.38 in.	- RA, OCCI RA: 1900-2230			
Ppn. Liq. .45" in.	Prev. Dir. —	3 hr. Tend. +4.5 mb	*Overnight Low = 36°			
Ppn. Sol. 1.5" in.	Snow Depth 4 in.	Observer JMZ	0700	1300	1900	
			Clds. 3/10 CU	Clds. P -	Clds. P -	
			Wx Partly Cloudy	Wx Sunny	Wx Clear	
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 33$$

$$HDD = 32$$

$$\Sigma HDD = 633$$

$$\Sigma PCN_L = 2.71''$$

$$\Sigma PCN_S = 13.4''$$

$$T_{DAVIS} = 38^\circ/27$$

$$T_{UNV} = 37^\circ/27^\circ$$

$$T_w = 34^\circ$$

$$T_o = 27^\circ$$

$$PCN_{62} = 0.65''$$

$$\Sigma PCN_{62} = 2.15''$$

$\bar{T}: 35$

HDD: 30

Σ HDD: 663

CDD: 0

Σ CDD: 0

Σ PCN_L: 2.71"

Σ PCN_S: 13.4"

TDAVS: 27/14

TUNV: 25/14

TW: —

TO: 14°

PCN_{σ₃}: 0.00

Σ PCN_{σ₂}: 2.15"

Thursday March 22, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	48 °F		Dir.	SW		Temp	74 °F		
Min.	26 °F		Vel.	2 m.p.h.		Read.	29.84 in.		
Set	38 °F		Char.	Light		Corr.	29.72 in.		
R.H.	70 %		24 hr. Mov.	— mi.		Sea L.	30.35 in.		
Ppn. Liq.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	-2 mb		
Ppn. Sol.	0.0 in.		Snow Depth	2 in.		Observer	NAK		
							0700	1300	1900
							Clds. Cs 8/10	Clds. As 12/10 NAK	Clds. As 10/10
							Wx Mostly Cloudy	Wx Cloudy STRA	Wx Cloudy
							Vis. 25 mi.	Vis. 4 mi.	Vis. 25 mi.

QVNA LOWS 38

$$\bar{T} = 37$$

$$HDD = 28$$

$$CDD = 0$$

$$\sum HDD = 691$$

$$\sum CDD = 0$$

$$\sum PCNL = 2.71''$$

$$\sum PCNS = 13.4''$$

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

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

$$G_{avg} = 0.00''$$

$$\sum G_{avg} = 2.15''$$

Friday March 23, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NW	Temp 76 °F		-RA 0000 RA 1359-1839 -RA 1035-2246		
Min. 38 °F	Vel. 2 m.p.h.	Read. 29.24 in.		-RA 0039-133 -RA 626-708, 745-065		
Set 56 °F	Char. Light	Corr. 29.02 in.		*JUNY LOW = 56		
			0700	1300	1900	
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. 10 10 NS	Clds. P/10 NS	Clds.	
Ppn. Liq. 0.31 in.	Prev. Dir. —	3 hr. Tend. 42 mb	Wx Rain	Wx SHRA	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 6.3 mi.	Vis. 2 mi.	Vis. mi.	

$$\bar{T} = 53$$

$$t_{DO} = 12$$

$$CO_2 = 0$$

$$\Sigma H_2O = 703$$

$$\Sigma CO_2 = 0$$

$$\Sigma PCN_2 = 3.02''$$

$$\Sigma PCN_5 = 13.4''$$

$$T_{Davis} = 53/49$$

$$T_{UVV} = 52/45$$

$$b_{avg} = 0.29''$$

$$\Sigma b_{avg} = 2.24''$$

Saturday March 24, 2007
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 56 °F	Dir. E	Temp 76 °F	- SHRA 0900 - 1220 LT + SH RA 1310 - 1420 LT - SH RA 1440 - 1520 LT OCLL - SHRA 0040 - 0700 LT					
Min. 44 °F	Vel. 0 m.p.h.	Read. 29.17 in.						
Set 44 °F	Char. Calm	Corr. 29.04 in.	0700			1300		1900
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 10/10 AS	Clds.		Clds. 10/10 AS		
Ppn. Liq. 0.33 in.	Prev. Dir. —	3 hr. Tend. 1+0.5mb	Wx overcast	Wx		Wx overcast		
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer GDP	Vis. 25 mi.	Vis.		Vis. 15 mi.		

$\bar{T} = 50$
 $HOD = 15$
 $CPD = 0$

$\Sigma HOD = 710$
 $\Sigma CPD = 0$

$\Sigma PCNL = 3.854$
 $\Sigma PCNS = 13.4''$

$T_{AVG} = 45/43$
 $T_{UNV} = 45/41$

$TW = 43$
 $T_D =$

$G2 = 0.33'$
 $\Sigma G2 = 2.57'$

Sunday March 25, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F	Dir. N	Temp 75 °F	1525-1625 LT: - SHRA 1625-1645 LT: + SHRA 1645-1800 LT: - SHRA			
Min. 41 °F	Vel. 2 m.p.h.	Read. 29.23 in.				
Set 45 °F	Char. <i>light</i> heavy	Corr. 29.09 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. - mi.	Sea L. 30.47 in.	Clds. <i>st</i> 9/10	Clds.	Clds. $\frac{2}{10}$ <i>As, Ci</i>	
Ppn. Liq. 0.08 in.	Prev. Dir. -	3 hr. Tend. /+2.1 mb	Wx <i>M. cloudy.</i>	Wx	Wx <i>rather mild</i>	
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 50$$

$$HDD = 15$$

$$CDD = 0$$

$$\sum HDD = 733$$

$$\sum CDD = 0$$

$$\sum PCN_L = 3.43''$$

$$\sum PCN_S = 13.4''$$

$$T_{DAVIS} = 46/40$$

$$T_{UNV} = 41/36$$

$$T_W = 42$$

$$T_D =$$

$$G_2 = 0.09''$$

$$\sum G_2 = 2.66$$

Monday, 26 March, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. SSW	Temp 75.5 °F			
Min.	43° °F	Vel. 8 m.p.h.	Read. 29.14 in.			
Set	45 °F	Char. active	Corr. 29.01 in.	*overnight low = 45°		
				0700	1300	1900
R.H.	84 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. $\frac{10}{10}$ Ci, Cu, As	Clds.	Clds. $\frac{9}{10}$ Cw
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -0.2mb	Wx Hazy, Full dark of thin clouds, mild	Wx	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. ~20 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 53^\circ$$

$$HDD = 12$$

$$\Sigma HDD = 745$$

$$\Sigma PCN_e = 3.43''$$

$$\Sigma PCN_s = 13.4''$$

$$T_{DAYS} = 44^\circ / 40.5^\circ$$

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

$$T_{KPSU} = 44^\circ / M$$

$$T_v = 43^\circ$$

$$T_o = 40.5^\circ$$

$$PCN_{LTB} = 0.53''$$

$$PCN_{GZ} = 0.00''$$

$$\Sigma PCN_{GZ} = 2.66''$$

Tuesday March 27, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. WSW	Temp 76 °F	0515-0530 LT = -5HRA			
Min. 45 °F	Vel. 4 m.p.h.	Read. 28.91 in.	Overnight low = 60°			
Set 62 °F	Char. Variable	Corr. 28.77 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. Ci 5/10 <i>overcast</i>	Clds. <i>ds</i> 10/10	Clds. <i>st.</i> 6/10 <i>cu.</i>	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 41.2 mb	Wx Mild.	Wx <i>Rain</i> <i>Overcast</i>	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 6.3 mi.	Vis. 25 mi.	

$$\bar{T} = 57$$
$$HDD = 8$$
$$\Sigma HDD = 753$$

$$T_{DAVIS} = 62/56$$
$$T_{UNV} = 61/54$$

$$T_W = 58$$
$$T_D = 55^\circ$$

$$\Sigma PCN_c = 3.43''$$
$$\Sigma PCN_s = 13.4''$$

$$PCN_{G_2} = T$$
$$\Sigma PCN_{G_2} = 2.66''$$

Wednesday, 28 March 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	TS 1404-1500 LT			
79 °F	NE	76 °F	TS 1500-1540 LT			
Min.	Vel.	Read.	TS 1600-1640 LT			
55 °F	2 m.p.h.	29.01 in.	TS 1700-1720 LT			
Set	Char.	Corr.	TS 1803-1845 LT			
56 °F	Steady	28.87 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
77 %	— mi.	30.22 in.	10 st 10		0 10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.07 in.	—	2.3 mb	Overcast		Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	20 mi.	mi.	25 mi.	

$$\bar{T} = 67$$

$$HDD = 0$$

$$\sum HDD = 753$$

$$CDD = Q$$

$$\sum CDD = Q$$

$$\sum PCN_L = 3.50''$$

$$\sum PCN_S = 13.4''$$

$$T_{DAVIS} = 56/51$$

$$T_{unv} = 54/48$$

$$T_w = 52$$

$$T_D = 49$$

$$PCN_{02} = 0.08''$$

$$\sum PCN_{02} = 2.74''$$

Thursday March 29, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. NE	Temp 74 °F				
Min. 32 °F	Vel. 4 m.p.h.	Read. 29.82 in.				
Set 33 °F	Char. Light	Corr. 29.70 in.				
			0700	1300	1900	
R.H. 44 %	24 hr. Mov. — mi.	Sea L. 30.41 in.	Clds. 8/10	Clds. 9/10	Clds. 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Sunny	Wx Sunny Clear	Wx Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 216$
 $HOD = 19$
 $COD = 0$
 $\Sigma HOD = 772$
 $\Sigma COD = 2$
 $\Sigma PCN_2 = 3.50''$
 $\Sigma PCN_3 = 13.4''$

$T_{Davis} = 35/13$
 $T_{UNU} = 32/12$

$G_{unged} = 0.00''$
 $\Sigma G_{unged} = 2.74''$

Friday March 30, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	57 °F	Dir.		Temp	1105-1115 LT: -SHRA						
				74 °F							
Min.	31 °F	Vel.	0 m.p.h.	Read.				29.25 in.			
Set	33 °F	Char.	calm	Corr.	29.12 in.	0700	1300	1900			
R.H.	51 %	24 hr. Mov.	— mi.	Sea L.	30.55 in.	Clds.	1/10 Ci	Clds.	1/10 Ci	Clds.	9/10 AC
Ppn.	T in.	Liq.	—	Prev. Dir.	—	3 hr. Tend.	+2 mb	Wx	Sunny	Wx	M. Sunny
Ppn.	0.0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	JMZ	Vis.	25 mi.	Vis.	25 mi.
								Vis.	25 mi.	Vis.	25 mi.

$$\bar{T} = 44$$

$$MDD = 21$$

$$\Sigma MDD = 793$$

$$\Sigma PCN_L = 350''$$

$$\Sigma PCN_S = 13.4''$$

$$T_{DAVIS} = 35/16$$

$$T_{UNV} = 32/16$$

$$T_w = r$$

$$G_2 = T$$

$$\Sigma G_2 = 2.74''$$

Saturday March 31, 2007

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. NE	Temp 74 °F	*overnight low = 41		
Min.	33* °F	Vel. 3 m.p.h.	Read. 29.07 in.			
Set	41 °F	Char. <i>light variable</i>	Corr. 28.94 in.			
R.H.	47 %	24 hr. Mov. — mi.	Sea L. 30.24 in.			
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	0700 Clds. 10/10 AC	1300 Clds.	1900 Clds. 2/10 CW
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer GJP	Wx OVCAST	Wx	Wx M-clear
				Vis. 25 mi.	Vis.	Vis. 25 mi.

$$\bar{T} = 51$$

$$HDD = 14$$

$$CDD = 0$$

$$\Sigma HDD = 807$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 3.50''$$

$$\Sigma PCN_S = 13.4''$$

$$T_{DAVIS} = 43/24$$

$$T_{LNV} = 41/23$$

$$T_W = 34$$

$$T_D = 22$$

$$GZ: 0.00''$$

$$\Sigma GZ: 2.74''$$