

Friday 1 February 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F		Dir. E	Temp 74 °F	PL, OCCL +AL, -FZAA 03.5 - OBS		
Min. 18 * °F		Vel. 10 m.p.h.	Read. 28.98 in.			
Set 28 °F		Char. STEADY	Corr. 28.85 in.	*OUNT LAW 28		
				0700	1300	1900
R.H. 93 %		24 hr. Mov. mi.	Sea L. 30.27 in.	Clds. 10/10Ns	Clds. Ns 10/10	Clds. 10/10 Ns
Ppn. Liq. 0.34 in.		Prev. Dir.	3 hr. Tend. 7-3.0mb	Wx +PL FZAA	Wx Rain	Wx Light Snow
Ppn. Sol. 0.4 in.		Snow Depth T in.	Observer JCT/mrs	Vis. 1 mi.	Vis. ~3 mi.	Vis. ~5 mi.

T: 26

HDD: 39

EHDD: 39

LCDD: 0

Toms: 29/26

Tuvr: 27/25

MMTS: 32/17/27

Tu: -

Td: 26

EPN<sub>L</sub>: 0.34"

EPN<sub>S</sub>: 0.4"

PCN<sub>6</sub>: M-WILL  
SUM  
TOMORROW

EPN<sub>2</sub>: ↓

Saturday February 2, 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. W	Temp 74 °F	PL, OCCL + PL - FZRA 05-1030 RA, OCCL PL 1030-1150, -AA -SNRA 1500-1540 1150-1800 -SNRA 1540-1830			
Min. 28 °F	Vel. 7 m.p.h.	Read. 29.38 in.	#OUNT LOW ~ 30			
Set 30 °F	Char. Breezy	Corr. 29.26 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. 10 sc 10 cu	Clds.	Clds. 6/10 st	
Ppn. Liq. 0.85 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx Cloudy	Wx	Wx P. Cloudy	
Ppn. Sol. 0.4 in.	Snow Depth T in.	Observer AK	Vis. ~17 mi.	Vis. mi.	Vis. ~20 mi.	

$$F = 33$$

$$HPO = 32$$

$$CPO = 0$$

$$\Sigma HPO = 71$$

$$\Sigma CPO = 0$$

$$\Sigma PCW =$$

$$\Sigma PCW_s = 0.8''$$

$$T_{Davis} = 30/26$$

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

$$MATS: 36/27/29$$

$$G_{uget} =$$

$$\Sigma G_{uget} = 0.34''$$

Sunday February 3, 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SW	Temp 72 °F	FG: 23:00 - 06 -22, SG ~0930-1030 LT			
Min. 22 °F	Vel. 2 m.p.h.	Read. 29.04 in.				
Set 23 °F	Char. Light	Corr. 28.91 in.	0700	1300	1900	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. 9/10 st	Clds.	Clds. 14/10 st	
Ppn. Liq. T. in.	Prev. Dir. —	3 hr. Tend. ~ +1 mb	Wx Fog	Wx	Wx Overcast	
Ppn. Sol. T. in.	Snow Depth T in.	Observer PMV	Vis. ~2 mi.	Vis. mi.	Vis. ~20 mi.	

$\bar{T} = 28$

HDD = 37

CDD = 0

E HDD = 108

E CDD = 0

E PCM<sub>e</sub> = 1.19"

E PCM<sub>s</sub> = 0.8"

T<sub>DAVS</sub> = 22/21

T<sub>uv</sub> = 23/23

MMTS: 31/21/21

T<sub>d</sub>: -

T<sub>w</sub>: 21

PCN<sub>o2</sub> : 0.00"

PCN<sub>o2</sub> : 0.34"

Monday February 4, 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. ENE	Temp 74 °F	FG: 07:00-11:20 -SIV: 0:400-06:40			
Min. * 23 °F	Vel. 4 m.p.h.	Read. 29.05 in.				
Set 35 °F	Char. Light	Corr. 28.92 in.	*Overnight low: 32			
			0700	1300	1900	
R.H. 94 %	24 hr. Mov. / mi.	Sea L. 30.32 in.	Clds. 10/10 St.	Clds. 10/10 St	Clds. 10/10 Obs.	
Ppn. Liq. .01 in.	Prev. Dir. /	3 hr. Tend. -15 mb	Wx Overcast	Wx Fog	Wx Very Foggy mist	
Ppn. Sol. T in.	Snow Depth T in.	Observer PMV	Vis. 7 mi.	Vis. ~2 mi.	Vis. ~2 mi.	

$\bar{T} = 33$

HDD = 32

CDD = 0

EHDD = 140

ECDD = 0

$\epsilon PCN_L = 1.20''$

$\epsilon PCN_S = 0.8''$

$T_{DAVDS} = 35/33$

$T_{UVV} = 32/30$

MMTS: 42/21/34

$T_d = -$

$T_w = 33$

$PCN_{GZ} = 1.01''$

$\epsilon PCN_{GZ} = 0.35''$



Tuesday 5 February 2008  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SHRA 700LT-0710LT -SHRA 0600LT-0630			
41 °F	WSW	75 °F				
Min.	Vel.	Read.				
33 °F	1 m.p.h.	28.78 in.				
Set	Char.	Corr.				
38 °F	Steady	28.65 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
96 %	— mi.	30.03 in.	10/10 NS		10/10 NS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx Fog	Wx	Wx	
0.02 in.	—	-1.9 mb	Drizzle, mist		-RA	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	T in.	AAB	~2 mi.	mi.	~3 mi.	

T: 37

HOD: 28

EHOD: 168

COD: 0

ECOD: 0

TDAVIS: 38/37

Tunv: 37/37

mmts: 39/32/38

Tw: 37

Td: 37

$\epsilon PCN_L: 1.20''$

$\epsilon PCN_S: 0.8''$

$PCN_b: 0.02''$

$\epsilon PCN_a: 0.37''$

WEDNESDAY 6 FEBRUARY 2008  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. SW	Temp 77 °F	-RA, OCCL RA, TSM, 92 OBS - 1230 LT			
Min. * 38 °F	Vel. 15 m.p.h.	Read. 28.32 in.	OCCL 92 1500-2030 -RA 2300-0100, 0300-0600			
Set 56 °F	Char. GUSTY	Corr. 28.18 in.	* OVMT LOW 44			
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 29.49 in.	Clds. N 12/10 SC	Clds. S 9/10 SC	Clds. N 19/10 CA	
Ppn. Liq. 0.50 in.	Prev. Dir. —	3 hr. Tend. 1-3.0 mb	Wx BREEZY	Wx M. Cloudy	Wx T-storm Lightning	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	Vis. 25 mi.	Vis. 25 mi.	Vis. ~4 mi.	



$$\begin{aligned}\bar{T} &= 47 \\ H_{20} &= 18 \\ \Sigma H_{20} &= 186 \\ C_{20} &= 0 \\ \Sigma C_{20} &= 0\end{aligned}$$

$$\begin{aligned}T_{2MS} &= 57/54 \\ T_{UNV} &= 50/50 \\ \text{MMTB: } &56/37/56\end{aligned}$$

$$\begin{aligned}T_w &= 53 \\ T_0 &= 51\end{aligned}$$

$$\begin{aligned}\Sigma PCN_L &= 1.72'' \\ \Sigma PCN_S &= 0.8''\end{aligned}$$

$$\begin{aligned}PCN_{ca} &= 0.52' \\ \Sigma PCN_{62} &= M\end{aligned}$$

Thursday 7 February 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. *	62 °F	Dir. SW	Temp 74 °F	RA: <del>1440</del> 1440-1500 LT RA, TSRA: 1820-2000 LT -RA: 2100-2200 LT -RA, SN: 0600-0630 LT		
Min.	35 °F	Vel 8 m.p.h.	Read. 28.60 in.	* Record high: old 58°, 1904		
Set	36 °F	Char. Breezy	Corr. 28.77 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. 10/10 Sc	Clds. 10/10 St	Clds. 10/10 St
Ppn. Liq.	0.22 in.	Prev. Dir. —	3 hr. Tend. 1+3.0 mb	Wx Overcast	Wx Overcast	Wx Overcast
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer PMV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 49$$

$$HDD = 16$$

$$CDD = 0$$

$$E HDD = 202$$

$$E CDD = 0$$

$$T_{DAVES} = 37/30$$

$$T_{UNV} = 36/28$$

$$M M T S = 61/34/36$$

$$T_w = 37$$

$$T_d = 34$$

$$E PCN_2 = 1.94''$$

$$E PCN_3 = 0.8''$$

$$PCN_{62} = 0.22''$$

$$E PCN_{62} = M$$

Friday 8 February 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F	Dir. E		Temp 76 °F	0830-0930LT = -SMSN		
Min. 30 °F	Vel. 0 m.p.h.		Read. 28.75 in.	0630-0700LT = -SMSN		
Set 30 °F	Char. calm		Corr. 28.61 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 10/10 Ns	Clds. Sb 10 Cu	Clds. Cu 7 to	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. -+0 mb	Wx Light Snow	Wx cloudy	Wx mostly cloudy	
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer JMZ	Vis. 2 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 34$$

$$HDD = 31$$

$$\sum HDD = 233$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 29/25$$

$$T_{UNV} = 28/25$$

$$MMTS = 36/28/28$$

$$T_w = -$$

$$T_0 = 25$$

$$\sum PCN_L = 1.95$$

$$\sum PCN_S = 0.9''$$

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

$$\sum PCN_{G2} = M$$



Saturday February 9, 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 36 °F	Dir. SE	Temp 74 °F	-SN OB - 1020 -W OUL SN 0609 - OB					
Min. 28 °F	Vel. 2 m.p.h.	Read. 29.94 in.						
Set 31 °F	Char. Light	Corr. 29.82 in.	0700			1300		1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.64 in.	Clds. $\frac{10}{10}$ Ns	Clds.		Clds. $\frac{10}{10}$ Ns		
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. -1 mb	Wx Snow	Wx		Wx Drizzle		
Ppn. Sol. 2.0 in.	Snow Depth 2 in.	Observer AK	Vis. ~1 mi.	Vis.		Vis. ~3 mi.		

$$\bar{T} = 32$$

$$HDD = 33$$

$$CDD = 0$$

$$\Sigma HDD = 266$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_1 = 2.06''$$

$$\Sigma PCW_2 = 2.9''$$

$$T_{ours} = 30/29$$

$$T_{UNV} = 30/28$$

$$MMS = 36/28/29$$

$$G_{avg} = 0.13''$$

$$\Sigma G_{avg} = M$$

Sunday February 10, 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F	Dir. W	Temp 74 °F	-SN: 0800-1320 FG: 1320-1520 -RA: 1640-1800 SN: 0340-0500 SN: 0545-0615			
Min. 29 °F	Vel. 15 m.p.h.	Read. 28.60 in.				
Set 29 °F	Char. Breezy	Corr. 28.47 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 29.87 in.	Clds. C: 3/10 Sc	Clds.	Clds. 2/10 C:	
Ppn. Liq. 0.36" in.	Prev. Dir. —	3 hr. Tend. w+2 mb	Wx Breezy	Wx	Wx Clear	
Ppn. Sol. 2.5 in.	Snow Depth 3 in.	Observer PMV	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 35$$

$$HDD = 30$$

$$CDD = 0$$

$$E HDD = 296$$

$$E CDD = 0$$

$$E PCN_2 = 2.42''$$

$$E PCN_3 = 5.4''$$

$$T_{OAVES} = 29/28$$

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

$$M MTS = 39/29/29$$

$$PCN_{62L} = 0.31''$$

$$E PCN_{62} = M$$

Monday February 11, 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 30 °F	Dir. W	Temp 74 °F	-SN, SN: 1140-1720			
Min. 2 °F	Vel. 15 m.p.h.	Read. 29.20 in.				
Set 2 °F	Char. Breezy	Corr. 29.07 in.				
R.H. 57 %	24 hr. Mov. / mi.	Sea L. 30.59 in.	0700	1300	1900	
Clds. 5/10 Sc	Clds. 1/10 Cu	Clds. 2/10 Sc				
Ppn. Liq. .03 n.	Prev. Dir. /	3 hr. Tend. +2 mb	Wx P. Cloudy	Wx m. Sunny	Wx m. Clear	
Ppn. Sol. 0.6 in.	Snow Depth 3 in.	Observer PMV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 16$$

$$HOD = 49$$

$$CDD = 0$$

$$E(HOD) = 345$$

$$E(CDD) = 0$$

$$E(PCN_2) = 2.45''$$

$$E(PCN_3) = 6.0''$$

$$T_{DAVSS} = 2/-10$$

$$T_{JVV} = 1/-8$$

$$MMTS = 29/1/1$$

$$PCN_{02} = 0.05$$

$$EPCN_{02} = m$$

Tuesday February 12, 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SN 0300 LT - OBS			
16 °F	E	73 °F				
Min.	Vel.	Read.	*Overnight low: 5°F			
2 °F	1 m.p.h.	21.19 in.				
Set	Char.	Corr.	0700	1300	1900	
11 °F	Steady	21.06 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
80 %	- mi.	30 SS in.	19/10 NS	10/10 NS	10/10 NS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.08 in.	-	-0.1 mb	Fog -SN	-SN	-PL	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
1.2 in.	4 in.	ADB	1 mi.	2 mi.	2 mi.	

F: 9

HDD: 56

$\Sigma$ HDD: 401

CDD: 0

$\Sigma$ CDD: 0

TOAUS: 12/7

Tunv: 10/5

mmTS: 14/1/9

TW: -

Td: 6

$\Sigma$ PCN<sub>L</sub>: 2.53"

$\Sigma$ PCN<sub>S</sub>: 7.2"

PCN<sub>G3</sub>: 0.07'

$\Sigma$ PCN<sub>G3</sub>: 17



Wednesday 13 February 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	26 °F	Dir.	NNW	Temp	72 °F	Obs - 1400 LT: -SN		
Min.	11* °F	Vel.	1 m.p.h.	Read.	28.51 in.	1400-1730 LT: SN/-SN		
Set	26 °F	Char.	light	Corr.	28.39 in.	1730-2000 LT: -PL →		
R.H.	96 %	24 hr. Mov.	- mi.	Sea L.	29.70 in.	*overnight low = 18°F		
Ppn. Liq.	0.59 in.	Prev. Dir.	-	3 hr. Tend.	-1.0 mb	Clds.	0700	1300
Ppn. Sol.	5.0 in.	Snow Depth	7 in.	Observer	JCT	1900		
						Clds.	10/10	Ns
						Clds.	9/10	Obs
						Clds.	7/10	St
						Wx	-F <sub>3</sub> RA	
						Wx	SN	Fog
						Wx		P.CLOUDY
						Vis.	3 mi.	
						Vis.	1/2 mi.	
						Vis.		25 mi.

$\bar{T}: 19$

HDD: 46

$\Sigma$ HDD: 447

$\Sigma$ CDD: 0

$T_{DAVIS}: 26/25$

$T_{UNV}: 25/25$

MMTS: 24/9/24

2000-0440 LT: OCC. Feds

0440-Obs: - FARA/OCC PL

$T_d: 25$

$\Sigma$ PCN<sub>L</sub>: 3.12"

$\Sigma$ PCN<sub>S</sub>: 12.2"

PCN<sub>S</sub>: 0.46"

$\Sigma$ PCN<sub>S</sub>: M

Thursday 14 February 2008  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-FERR, OCCUR - F20Z OBS - 1130 -PL 1130-1200 -SN 1200-1400			
33 °F	NW	72 °F				
Min.	Vel.	Read.				
18 °F	2 m.p.h.	28.91 in.				
Set	Char.	Corr.	0700	1300	1900	
18 °F	Steady	28.91 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds. C:	Clds.	
77 %	— mi.	30.26 in.	1/10 SA	1/10 S	1/10 ST	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.13 in.	—	429 mb	M. Clear	M. Clear	M. Clear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
1.0 in.	7 in.	ADB	25 mi.	25 mi.	25 mi.	

T: 26

HDD: 39

E HDD: 486

CDD: 0

E CDD: 0

T DAVIS: 18/13

T UNU: 18/10

mmts: 32/17/17

TW: -

Td: 12

E PCN<sub>L</sub>: 3.25

E PCN<sub>S</sub>: 13.2"

PCN<sub>S</sub>: 0.14"

E PCN<sub>S</sub>: 17

Friday 15 February 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. WSW	Temp 76 °F	* Overnight low = 27.		
Min.	18* °F	Vel. 5 m.p.h.	Read. 28.88 in.			
Set	36 °F	Char. Variable	Corr. 28.74 in.			
R.H.	67 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0 mb	Clds. St 8/10	Clds. St 10/10 Cu	Clds. Cu 10/10
Ppn. Sol.	0.0 in.	Snow Depth 7 in.	Observer JMZ	Wx M. Cloudy	Wx Cloudy	Wx Cloudy
				Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 27$$

$$HDD = 38$$

$$\sum HDD = 524$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 36/26$$

$$T_{UNV} = 36/23$$

$$MMS : 36/16/36$$

$$T_W = -$$

$$T_D = 26$$

$$\sum PCN_L = 3.25''$$

$$\sum PCN_S = 13.2''$$

$$PCN_{62} = 0.00''$$

$$\sum PCN_{62} = 11.$$

Saturday February 16, 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. N	Temp 74 °F	OCC - 07, 56 1400-1900 LT			
Min. 12 °F	Vel. 2 m.p.h.	Read. 29.64 in.				
Set 13 °F	Char. Light	Corr. 29.52 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. Cu 5/10 SC	Clds.	Clds. 0/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Partly cloudy, cold	Wx	Wx Clear	
Ppn. Sol. T in.	Snow Depth 7 in.	Observer NJK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 25$$

$$HQB = 40$$

$$COD = 0$$

$$\Sigma HQB = 564$$

$$\Sigma COD = 0$$

$$\Sigma PCW_L = 3.25''$$

$$\Sigma PCW_S = 13.2''$$

$$T_{avg} = 15/9$$

$$T_{sum} = 14/7$$

$$AMTS = 36/12/13$$

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

$$\Sigma G_{avg} = M$$



Sunday February 17 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. W	Temp 74 °F			
Min.	13* °F	Vel. 4 m.p.h.	Read. 28.96 in.			
Set	31 °F	Char. light	Corr. 28.83 in.	* Overweight low: 24		
				0700	1300	1900
R.H.	75 %	24 hr. Mov. / mi.	Sea L. 30.25 in.	Clds. 8/10 Sc	Clds.	Clds. 10/10 Nc
Ppn. Liq.	0.00 in.	Prev. Dir. /	3 hr. Tend. -1.1 mb	Wx M. Cloudy	Wx	Wx L. Rain
Ppn. Sol.	0.0 in.	Snow Depth 6 in.	Observer PMV	Vis. 25 mi.	Vis. mi.	Vis. ~4 mi.

$\bar{T} = 25$   
NDD = 40  
COD = 0  
EHDD = 604  
ECOD = 0

$\text{EPCN}_6 = 3.25''$   
 $\text{\textcircled{E}PCN}_6 = 13.2''$

$T_{\text{DAVS}} = 32/24$   
 $T_{\text{AV}} = 28/19$   
mmts = 34/12/31

$\text{PCN}_{62} = 0.00''$   
 ~~$\text{EPCN}_{62} = 11$~~

Monday February 18 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. WSW	Temp 76 °F		-RA: 1120-1300 -RA: 1540-1640 RA: 1740-1840 FG: 2055-06		
Min. * 31 °F	Vel. 2 m.p.h.	Read. 28.48 in.		*Overnight low: 45		
Set 45 °F	Char. Light	Corr. 28.35 in.		0700	1300	1900
R.H. 100 %	24 hr. Mov. / mi.	Sea L. 29.71 in.	Clds. 10/10 Sc	Clds. 7/10 Sc	Clds. 2/10 Sc	
Ppn. Liq. 0.22 in.	Prev. Dir. /	3 hr. Tend. 14.5 mb	Wx Fog	Wx M. Cloudy	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 3 in.	Observer PMV	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 40$

HOD: 25

COD: 0

EHO: 629

ECDU: 0

$EPN_L = 3.47''$

$EPN_C = 13.2''$

$T_{DAVIS} = 46/46$

$T_{UNV} = 43/43$

MMTS: 47/31/44

$T_w = 45$

$T_b = 45$

$PCN_{62} = .24'$

$EPN_{62} = M$

Tuesday 19 February 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. SSW	Temp 74 °F	2200-0030 LT: occasional -SN		
Min.	24 °F	Vel. 14 m.p.h.	Read. 28.64 in.			
Set	24 °F	Char. Gusty	Corr. 28.51 in.	0700	1300	1900
R.H.	55 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. Sc 6/10	Clds.	Clds. 9/10 Sc
Ppn.	T in.	Prev. Dir. —	3 hr. Tend. +1.7 mb	Wx p. cloudy	Wx	Wx P. Cloudy
Ppn.	T in.	Snow Depth T in.	Observer JCT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 36

HDD: 29

ΣHDD: 658

ΣCDD: 0

T<sub>avms</sub>: 24/10

T<sub>unv</sub>: 23/10

MMTS: 46/23/23

T<sub>w</sub>: —

T<sub>d</sub>: 10

ΣPCN<sub>L</sub>: 3.47"

ΣPCN<sub>S</sub>: 13.2"

PCN<sub>S</sub>: 0.01"

ΣPCN<sub>S</sub>: M

Wednesday 20 February 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 30 °F	Dir. SW	Temp 74 °F		1000-1115 LT: -SN		
Min. 14 °F	Vel. 1 m.p.h.	Read. 28.88 in.		1230-1400 LT: -SN		
Set 14 °F	Char. light	Corr. 28.76 in.		0100-0120 LT: -SN		
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.22 in.		0700 Clds. SC 1/10	1300 Clds. ST CS 7/10	1900 Clds. NS SC 3/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 40.9 mb		Wx m. sunny	Wx M. Cloudy	Wx -SN
Ppn. Sol. T in.	Snow Depth T in.	Observer JCT		Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.

$\bar{T}: 22$

HDD: 43

$\Sigma$ HDD: 701

$\Sigma$ LOD: 0

$T_{\text{arrs}}: 14/2$

$T_{\text{arr}}: 14/1$

MMTS: 28/13/13

$T_L: -$

$T_a: 2$

$\Sigma$ PCNL: 3.47"

$\Sigma$ PCNL<sub>s</sub>: 13.2"

PCNL<sub>0</sub>: T

$\Sigma$ PCNL<sub>0</sub>: M



Thursday February 21 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 25 °F	Dir. W	Temp 74 °F	-SIV: 1600-1900			
Min. 9 °F	Vel. 6 m.p.h.	Read. 29.29 in.				
Set 9 °F	Char. Light	Corr. 29.16 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. / mi.	Sea L. 30.07 in.	Clds. 0/10	Slds. 2/10 Ci	Clds. 0/10	
Ppn. Liq. 0.01 in.	Prev. Dir. /	3 hr. Tend. +1.5 mb	Wx Clear	Wx M. Clear	Wx M. Cloudy	
Ppn. Sol. T in.	Snow Depth T in.	Observer PMV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 17$

HOD = 48

COO = 0

EHO = 749

E(CO) = 0

T<sub>DAVES</sub>: 9/2

T<sub>urr</sub>: 10/3

MNTS: 23/8/8

T<sub>wi</sub> -

T<sub>d</sub>: 2

EPCN<sub>6</sub> = 3.48"

EPCN<sub>5</sub> = 13.2"

PdCN<sub>6</sub> = 0.01"

EPCN<sub>62</sub> = M

Friday 22 February 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	28 °F	Dir. S	Temp 73 °F	2230 - 0700 LT : -SN, occl SN  * Overnight Low = 22		
Min.	9* °F	Vel. 6 m.p.h.	Read. 28.88 in.			
Set	22 °F	Char. Light	Corr. 28.75 in.			
R.H.	85 %	24 hr. Mov. / mi.	Sea L. 30.18 in.	0700 Clds. NS 10/10	1300 Clds. NS 10/10	1900 Clds. St 10/10
Ppn. Liq.	0.18 in.	Prev. Dir. /	3 hr. Tend. -1.3 mb	Wx Light Snow	Wx Light Freezing Rain	Wx Cloudy
Ppn. Sol.	1.7 in.	Snow Depth 2 in.	Observer JMJ	Vis. 1 1/2 mi.	Vis. 25 mi.	Vis. 25 mi.

$$T = 19$$

$$HDD = 46$$

$$\Sigma HDD = 795$$

$$CDD = 0$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_e = 3.66$$

$$\Sigma PCW_b = 14.9$$

$$T_{DAVIS} = 22/18$$

$$T_{UNV} = 21/18$$

$$MMTS = 26/8/21$$

$$T_W = -$$

$$T_D = 18$$

$$PCN_{62} = 0.16''$$

$$\Sigma PCN_{62} = M$$

Saturday February 23, 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 27 °F	Dir. N	Temp 74 °F		-SN 0700-1140 1200-1220 -SN 1720-0040 <del>1720-0040</del>		
Min. 22 °F	Vel. 1 m.p.h.	Read. 29.65 in.		COUNT LOW = 26		
Set 26 °F	Char. Light	Corr. -0.53 in.		0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.41 in.	Clds. SE 10/10	Clds.	Clds. Cs 4/10	
Ppn. Liq. 0.19 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx cloudy	Wx	Wx P. cloudy	
Ppn. Sol. 2.0 in.	Snow Depth 4 in.	Observer ABK	Vis. 2.1 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 25$$

$$HDD = 40$$

$$CDD = 0$$

$$\sum HDD = 835$$

$$\sum CDD = 0$$

$$\sum PCW_i = 385$$

$$\sum PCW_s = 16.9$$

$$T_{DAYS} = 27/25$$

$$T_{WV} = 26/25$$

$$AMTS = 26/20/25$$

$$G_{avg} = 0.18''$$

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

Sunday 24 February 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F		Dir. SW	Temp 74 °F	0700-0915 LT: Occasional - SN		
Min. 16 °F		Vel. 3 m.p.h.	Read. 29.00 in.			
Set 16 °F		Char. light	Corr. 28.88 in.			
				0700	1300	1900
R.H. 84 %		24 hr. Mov. - mi.	Sea L. 30.34 in.	Clds. 0/10	Clds.	Clds. 4/10 Ci
Ppn. Liq. T in.		Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx Sunny	Wx	Wx P. Cloudy
Ppn. Sol. T in.		Snow Depth 4 in.	Observer JCT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 26

HDD: 39

EHDD: ~~874~~ 874

ECDD: 0

Tams: 17/12

Tuv: 16/12

MMTS: 33/14/16

Tw: -

Td: 12

$\Sigma PCN_c: 3.85''$

$\Sigma PCN_s: 16.9''$

$PCN_c: T$

$\Sigma PCN_c: M$



Monday 25 February 2008  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
41 °F	SW	74 °F				
Min.	Vel.	Read.				
16 * °F	1 m.p.h.	28.86 in.				
Set	Char.	Corr.	* Overnight Low: 25			
25 °F	Steady	28.73 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
78 %	— mi.	30.16 in.	2/10 As	3/10 As		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	±0.3 mb	M.Clear	M.Clear		
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	3 in.	ADB	~20 mi.	~25 mi.	mi.	

T: 89  
HDD: 36  
EHDD: 980  
CDD: 0  
ECDD: 0

TDAVIS: 26/19  
Turnv: 25/18  
mmts: 39/15/25

Tw: —  
Td: 19

$\Sigma PCN_L$ : 385"

$\Sigma PCN_S$ : 16.9"

$PCN_{80}$ : 0.00"

$\Sigma PCN_{80}$ : m

Tuesday 26 February 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. /	Temp 74 °F	-SN: 0540-06, 0600-RA, PL			
Min. 23 °F	Vel. 0 m.p.h.	Read. 28.57 in.				
Set 30 °F	Char. Colm	Corr. 28.44 in.	*Overnight low: 30			
			0700	1300	1900	
R.H. 89 %	24 hr. Mov. / mi.	Sea L. 29.84 in.	Clds. 10/100 Ns	Clds. 10/10 Ns	Clds. 10/10 St	
Ppn. Liq. T in.	Prev. Dir. /	3 hr. Tend. -20 mb	Wx -SN, -PL	Wx -RA PL	Wx mist/fog	
Ppn. Sol. T in.	Snow Depth 2 in.	Observer PMV	Vis. ~3 mi.	Vis. 2 mi.	Vis. 2 mi.	

$\bar{T} = 30$   
 $HDD = 35$   
 $CDD = 0$   
 $E HDD = 945$   
 $E CDD = 0$

$T_{DAVS} = 30/27$   
 $T_{UNV} = 28/27$   
mmts: 35/23/28

$T_{WS} =$   
 $T_d = 27$

$E PCV_L = 3.85''$

$E PCV_S = 16.9''$

$PCV_{L2} = 0.20''$   
 $E PCV_{L2} = M$

Wednesday 27 February 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. NWN	Temp 74 °F		-SN-PL-FZRA: 0700-1000 OCLL-SN,-PL,-FZRA: 1000-1400 -RA: 1400-1600 -RASIV: 1600-2000 OCLL-SN: 2000-2100 SEN: 0200-0600 -SN-ob		
Min. 26 °F	Vel. 7 m.p.h.	Read. 28.47 in.				
Set 26 °F	Char. Light	Corr. 28.34 in.		0700	1300	1900
R.H. 91 %	24 hr. Mov. / mi.	Sea L. 29.74 in.	Clds. 10/10 Ns	Clds.	Clds.	
Ppn. Liq. 0.26 in.	Prev. Dir. /	3 hr. Tend. / +1.5 mb	Wx L. SNOW	Wx	Wx	Wx
Ppn. Sol. 0.10 in.	Snow Depth 2 in.	Observer PMV	Vis. ~20 mi.	Vis. mi.	Vis. mi.	Vis. mi.

$\bar{T} = 31$   
HDD = 84  
CDD = 0  
EHDD = 979  
ELDD = 0

T<sub>DAYS</sub> = 27/24  
T<sub>UNV</sub> = 27/21  
M<sub>MTS</sub> = 34/26/26

T<sub>w</sub>: —  
T<sub>D</sub>: 24

EPCN<sub>L</sub> = 4.11"  
EPCN<sub>S</sub> = 17.0"

PCN<sub>2</sub> 0.28"  
EPCN<sub>2</sub>: M

Thursday 28 February 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 28 °F	Dir. W	Temp 74 °F		-SN: 1230-1320 -SN: 0130-0220, 0645-085		
Min. 11 °F	Vel. 7 m.p.h.	Read. 28.92 in.				
Set 11 °F	Char. Light	Corr. 28.79 in.		0700	1300	1900
R.H. 71 %	24 hr. Mov. / mi.	Sea L. 30.26 in.	Clds. Ns 4/10 Sc	Clds. Sc 6/10 Sc	Clds. Sc 1/10 Sc	
Ppn. Liq. T in.	Prev. Dir. /	3 hr. Tend. +2.0 mb	Wx -SN	Wx M. Cloudy	Wx m. clear	
Ppn. Sol. T in.	Snow Depth 2 in.	Observer PMV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 20$$

$$HDD = 45$$

$$COD = 0$$

$$E_{HDD} = 1024$$

$$E_{COD} = 0$$

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

$$T_{UNV} = 10/1$$

$$M_{MIS} = 27/10/10$$

$$T_{wi} =$$

$$T_0 = 3$$

$$E_{PCN_6} = 4.11''$$

$$E_{PCN_5} = 17.0''$$

$$PCN_{62} = T$$

$$E_{PCN_{62}} = M$$



Friday 29 February 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	22 °F	Dir. SSW	Temp 73 °F	0700-0730 LT : -SN		
Min.	10 °F	Vel. 3 m.p.h.	Read. 29.19 in.			
Set	10 °F	Char. Light	Corr. 29.06 in.			
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.55 in.	0700 Clds. 0/10	1300 Clds. 10/10 CS	1900 Clds. 10/10 NS
Ppn.	Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.3 mb	Wx Sunny	Wx VIRGA	Wx SNOW
Ppn.	Sol. T in.	Snow Depth 1 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 2.3 mi.

$$\bar{T} = 16$$

$$HDD = 49$$

$$\sum HDD = 1073$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$\sum PCN_6 = 4.11''$$

$$\sum PCN_5 = 17.0''$$

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

$$T_{UNV} = 7/1$$

$$MMS = 218/8$$

Feb Temp's

$$\bar{T}_{max} = 35.8^\circ F$$

$$\bar{T}_{min} = 19.7^\circ$$

$$\bar{T}_{avg} = 27.74^\circ$$

$$T_W = -$$

$$T_D = 2$$

$$PCN_6Z = T$$

$$\sum PCN_6Z = M$$