

Tuesday, January 1, 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.				
Max.	40 °F	Dir.	SSW	Temp	72 °F	~1mb PRES JUMP ~0600 LT PCP VRY LT AT OBS TIME			
Min.	27 °F	Vel.	8 m.p.h.	Read.	28.60 in.	RB ~ 0850z MIX WITH SNOW - 1100z 0350 LT			
Set	35 °F	Char.		Corr.	28.48 in.	(PEP ENDED 0704 LT (07) BINOVCL W			
R.H.	92 %	24 hr. Mov.	- mi.	Sea L.	29.87 in.	Clds.	10/10	Clds.	10/10
Ppn.	0.04 in.	Prev. Dir.	-	3 hr. Tend.	-0.5 mb	Wx	RN-SN-	Wx	Overcast Breezy
Ppn.	T in.	Sol.		Snow Depth	1 in.	Observer	FJG	Vis.	8 mi.
								Vis.	12 mi.



$$\bar{T} = 34$$

$$H_{DD} = 31$$

$$\sum H_{DD} = 31$$

$$C_{DD} = 0$$

$$\sum C_{DD} = 0$$

$$\sum R_{NL} = 0.04'$$

$$\sum P_{NS} = T$$

$$T_{ANS} \quad 35/33$$

$$T_{UNV} \quad 34/32$$

$$P_{NG2} = 0.04'$$

$$\sum P_{NG2} = 0.04'$$

Wednesday 2 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F		Dir. NW	Temp 72 °F	0700-0704LT: -RN, -SN		
Min. 22 °F		Vel. 10 m.p.h.	Read. 28.78 in.	1240-1430LT: -SN		
Set 26 °F		Char. variable	Corr. 28.65 in.	1820-1900LT: occl -SN		
				0700	1300	1900
R.H. 70 %		24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. Cu 6/10	Clds.	Clds. 0/10
Ppn. Liq. 0.03 in.		Prev. Dir. —	3 hr. Tend. /+2.0 mb	Wx P.cloudy	Wx	Wx Clear w Breezy
Ppn. Sol. 1.1 in.		Snow Depth 1 in.	Observer JMZ	Vis. 12 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 31$$

$$HDD = 34$$

$$\sum HDD = 65$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 25/18$$

$$T_{UNV} = 25/16$$

$$\sum PCN_L = 0.07''$$

$$\sum PCN_S = 1.1''$$

$$PCN_{G2} = 0.02''$$

$$\sum PCN_{G2} = 0.06''$$

Thursday 3 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	26 °F	Dir. NW	Temp 71 °F	0700-0800: - SN		
Min.	12 °F	Vel. 5 m.p.h.	Read. 29.42 in.			
Set	13 °F	Char. Light Wind	Corr. 29.26 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov. / mi.	Sea L. 30.76 in.	Clds. C: 1/10	Clds.	Clds. C: 6/10 Sc
Ppn.	T in.	Prev. Dir. /	3 hr. Tend. 12.5 mb	Wx M. clear	Wx	Wx P. Cloudy
Ppn.	T in.	Snow Depth T in.	Observer pmv	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 19$   
HDD = 46  
EHDD = 111  
CDD = 0  
ECDD = 0  
 $EPCN_1 = 0.07''$   
 $EPCN_3 = 1.1''$

$T_{DAYS} = 14/7$   
 $T_{UNV} = ~~14~~ 14/5$

$T_{wi} -$   
 $T_D = 7$

$PCN_{02} = 0.00''$   
 $EPCN_{02} = 0.06''$

Friday 4 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	24	°F	Dir. WSW	Temp 71	1500-1530 LT : - SN		
Min.	13	°F	Vel. 3 m.p.h.	Read. 29.34 in.			
Set	15	°F	Char. light	Corr. 29.22 in.			
R.H.	70	%	24 hr. Mov. — mi.	Sea L. 30.71 in.	0700	1300	1900
Ppn.	T	in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Clds. 0/10	Clds.	Clds. ST 8/10 Sc
Ppn.	T	in.	Snow Depth T in.	Observer JMZ	Wx Clear	Wx	Wx M. Cloudy
					Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 19$$

$$HDD = 46$$

$$\sum HDD = 157$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 16/8$$

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

$$T_W = -$$

$$T_D = 8$$

$$\sum PCN_L = 0.07''$$

$$\sum PCN_S = 1.1''$$

$$PCN_{G2} = T$$

$$\sum PCN_{G2} = 0.06''$$



Saturday 5 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F		Dir. SW	Temp 72 °F	*Overnight Low = 28°		
Min. 15* °F		Vel. 2 m.p.h.	Read. 29.11 in.			
Set 31 °F		Char. light	Corr. 28.98 in.			
				0700	1300	1900
R.H. 40 %		24 hr. Mov. — mi.	Sea L. 30.40 in.	Clds. Sc 8/10 As Ac	Clds.	Clds. N <sub>3</sub> 10/10 Fog
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. — ± 0 mb	Wx M. Cloudy	Wx	Wx D <sub>2</sub> /Fog
Ppn. Sol. 0.0 in.		Snow Depth T in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 3 mi.

$$\bar{T} = 27$$

$$HDD = 38$$

$$\sum HDD = 195$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 34/11$$

$$T_{UNV} = 32/10$$

$$T_w = -$$

$$T_D = 10$$

$$\sum PCN_L = 0.07''$$

$$\sum PCN_S = 1.1''$$

$$PCN_{G2} = 0.00''$$

$$\sum PCN_{G3} = 0.06''$$

Sunday 6 January, 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. SW	Temp 72 °F	1620 - 1840 LT: -DZ			
Min. 31 °F	Vel. 2 m.p.h.	Read. 28.90 in.	1901 - 1931 LT: RA			
Set 41 °F	Char. Steady	Corr. 28.78 in.	1931 - 2341 LT: DZ			
			0441 - 0530 LT: -DZ			
			overnight low = 38°	0700	1300	1900
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 30.18 in.	Clds. st 10/10	Clds.	Clds. st 10/10	
Ppn. Liq. 0.03 in.	Prev. Dir. -	3 hr. Tend. +0.6 mb	Wx valley fog	Wx	Wx fog	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 8 mi.	Vis.	Vis. mi. 5 mi.	

$\bar{T}: 37$

HDD: 28

$\Sigma$ HDD: 223

$\Sigma$ CDD: 0

$T_{avg}: 41/41$

$T_{unv}: 37/37$

$T_L: 41$

$T_d: 41$

$\Sigma PCN_L: 0.10''$

$\Sigma PCN_s: 1.1''$

$PCN_{6_2}: 0.03''$

$\Sigma PCN_{6_3}: 0.09''$

Monday 7 January, 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 46 °F	Dir. —	Temp 73 °F	2200-2220 LT: -DZ					
Min. 41 °F	Vel. 0 m.p.h.	Read. 29.00 in.						
Set 43 °F	Char. Calm	Corr. 28.88 in.				0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 9/10 Sc	Clds.		Clds. 5/10 Sc		5/10 Sc
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx m. cloudy	Wx		Wx Pt Cloudy		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 20 mi.	Vis.		Vis. 25 mi.		

$\bar{T}: 44$

$T_{DAVIS}: 47/45$

$T_w: 42$

HDD: 21

$T_{WVV}: 39/37$

$T_d: 41$

$\Sigma HDD: 244$

$\Sigma CDD: 0$

$\Sigma PCN_{20}: 0.10''$

$PCN_{60}: T$

$\Sigma PCN_{30}: 1.1''$

$\Sigma PCN_{60}: 0.09''$

Tuesday 8 January 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	SW	Temp	75 °F	* Overnight Low: 50 ~ New Record: 66°F (old record 65°F set in 1998)		
Min.	43 °F	Vel.	0 m.p.h.	Read.	28.99 in.			
Set	50 °F	Char.	Calm	Corr.	28.85 in.			
						0700	1300	1900
R.H.	93 %	24 hr. Mov.	— mi.	Sea L.	30.21 in.	Clds.	Clds.	Clds.
						7/10 Cs		8/10 As 1/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	-0.1 mb	Wx	Wx	Wx
						McClear		P. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	ADB	Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

T: 55

T.OAV IS: 55/50

T<sub>D</sub>: 48

HDD: 10

Tuvv:

T<sub>w</sub>: 49

ΣHDD: 254

CDD: 0

ΣCDD: 0

ΣPCN<sub>L</sub>: 0.10"

ΣPCN<sub>S</sub>: 1.1"

PCN<sub>2</sub>: 0.00"

ΣPCN<sub>2</sub>: 0.09"



Wednesday 9 January 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67* °F		Dir. WSW	Temp 77 °F	0500-0530 LT: -DZ overnight 0600-0625 LT: RA low: 53°		
Min. 47 °F		Vel. 30 m.p.h.	Read. 28.82 in.	*new record high, old record: 66°, 1998		
Set 53 °F		Char. Gusty	Corr. 28.69 in.	*max gust = 45 m.p.h.		
				0700	1300	1900
R.H. 80 %		24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. SE 7/10 SC CE	Clds. 3/10 Ca	Clds. 9/10
Ppn. Liq. 0.03 in.		Prev. Dir. —	3 hr. Tend. +4.5 mb	Wx m. cloudy	Wx WINDY	Wx Clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 57$

HDD: 8

$\Sigma$ HDD: 262

CDD: 0

$\Sigma$ CDD: 0

$T_{DAME}: 54/45$

$T_{LNV}: 52/43$

MMTS: 67/46/53

$T_w: 50$

$T_d: 47$

$\Sigma PCN_L: 0.13''$

$\Sigma PCN_S: 1.1''$

$PCN_{L_2}: 0.05''$

$\Sigma PCN_{L_2}: 0.14''$

Thursday 10 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. WSW	Temp 72 °F	0840-0900LT -RA		
Min.	31 °F	Vel. 3 m.p.h.	Read. 29.00 in.			
Set	31 °F	Char. Steady	Corr. 28.87 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. 5/10 As	Clds.	Clds. 8/10 st
Ppn. Liq.	0.01 in.	Prev. Dir. —	3 hr. Tend. -0.3 mb	Wx P. Cloudy	Wx	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 22 mi.	Vis.	Vis. 25 mi.

$\bar{T}$ : 43  
HDD: 23  
 $\Sigma$ HDD: 285  
CDD: 6  
 $\Sigma$ CDD: 0

TDAVS: 33/27  
Tunv 30/25  
MMTS: 53/30/30

TW: -  
Td: 26

$\Sigma$ PCNL: 0.14"  
 $\Sigma$ PCNS: 1.1"

PCN<sub>23</sub>: 0.04"  
 $\Sigma$ PCN<sub>23</sub>: 0.18"

Friday 11 January 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 46	°F	Dir. SSE		Temp 73	°F	2000-2100 LT: -SHRA		
Min. 31*	°F	Vel. 6	m.p.h.	Read. 28.44	in.	2300-300 LT: RA		
Set 41	°F	Char. Steady		Corr. 28.32	in.	300-700 LT: -DZ/-RA + overnight low = 41°		
R.H. 93	%	24 hr. Mov. -	mi.	Sea L. 29.68	in.	Clds. N <sub>6</sub> 10%	Clds.	Clds. 3/10 St
Ppn. Liq. 0.51	in.	Prev. Dir. -		3 hr. Tend. -3.0	mb	Wx -SHRA	Wx	Wx m. Cloudy
Ppn. Sol. 0.0	in.	Snow Depth 0	in.	Observer JUT		Vis. 25	mi.	Vis. 25 mi.



$\bar{T} = 39$

HDD: 26

$\Sigma$ HDD: 311

$\Sigma$ CDD: 0

$T_{\text{obs}} = 40/39$

$T_{\text{uv}} = 39/37$

MMTS: 46/30/39

$T_w = 40$

$T_d = 39$

$\Sigma PCN_L = 0.65''$

$\Sigma PCN_S = 1.1''$

$PCN_{G_2} = 0.56''$

$\Sigma PCN_{G_2} = 0.74''$

Saturday 12 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F		Dir. NW	Temp 73 °F	0700-1030 LT: RA/Dz		
Min. 37* °F		Vel. 3 m.p.h.	Read. 28.84 in.	2000-2010 LT: -SHRA		
Set 37 °F		Char. Steady	Corr. 28.72 in.	* ties max/min record from 2006		
				0700	1300	1900
R.H. 66 %		24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. SE 10/10	Clds.	Clds. 1/10 ci
Ppn. Liq. 0.13 in.		Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Overcast	Wx	Wx M. Clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JLT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}: 44$

HDD: 21

$\Sigma$ HDD: 332

$\Sigma$ CDD: 0

$T_{\text{ams}}: 37/28$

$T_{\text{um}}: 36/25$

MMTS: 51/36/36

$T_w: 33$

$T_d: 27$

$\Sigma$ PCN<sub>6</sub>: 0.78"

$\Sigma$ PCN<sub>5</sub>: 1.1"

PCN<sub>8</sub>: 0.19"

$\Sigma$ PCN<sub>6</sub>: 0.93"



Sunday 13 January 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
43 °F	SSW	72 °F				
Min.	Vel.	Read.				
28 °F	0 m.p.h.	28.96 in.				
Set	Char.	Corr.				
28 °F	Calm	28.83 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
85 %	— mi.	30.25 in.	1/10 ci		10/10 St	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.1 mb	mi. Clear		Overcast	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	APB	23 mi.	mi.	20 mi.	

$\bar{T}$ : 36  
HDD: 29  
 $\Sigma$ HDD: 361  
CDD: 0  
 $\Sigma$ CDD: 0

TOAVIS: 29/25  
Tunv: 25/33  
mmts: 41/27/27

$T_w$ : —  
 $T_d$ : 24

$\Sigma$ PCN<sub>L</sub>: 0.78"  
 $\Sigma$ PCN<sub>S</sub>: 1.1"

PCN<sub>82</sub>: 0.00"  
 $\Sigma$ PCN<sub>82</sub>: 0.93"

Monday 14 January 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. SW	Temp 73 °F	-SN: 0220-0420 -SN: 0640 - at obs			
Min. 28 °F	Vel. 2 m.p.h.	Read. 28.71 in.				
Set 35* °F	Char. L. Wind	Corr. 28.58 in.	*overnight low: 35			
			0700	1300	1900	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 10/10 Ns	Clds. 9/10 Ns	Clds. 5t 9/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx -SN, FG	Wx Flurries	Wx m. cloudy	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer PMV	Vis. 3 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 34  
HDD: 31  
EHDD: 392  
CDD: 0  
ECDD: 0

T<sub>DAVES</sub>: 34/33  
T<sub>UNV</sub>: 34/32  
M<sub>MTS</sub>: 38/27/34

T<sub>w</sub>: -  
T<sub>d</sub>: 33

EPCN<sub>L</sub>: 0.78"  
EPCN<sub>S</sub>: 1.1"

PCN<sub>G2</sub>: T  
EPCN<sub>G2</sub>: 0.93"

Tuesday, 15 January 2008  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. WSW	Temp 73 °F	+RA 0700LT-0730LT +SN 0730LT-0900LT		
Min.	27 °F	Vel. 12 m.p.h.	Read. 28.70 in.	OCCL +SN 1420LT-1820LT +SN 2300LT-0040LT +SN 0300LT-0440LT		
Set	27 °F	Char. Breezy	Corr. 28.57 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 9/10 St	Clds. SC 8/10 CU	Clds. Ns 8/10 Ns
Ppn. Liq.	0.03 in.	Prev. Dir. —	3 hr. Tend. -0.7 mb	Wx m. Cloudy	Wx M. Cloudy	Wx -SHSN
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer ADB	Vis. 14 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 32

HDD: 33

EHDD: 425

CDD: 0

ECDD: 0

T DAVIS 27/21

TUNU: 21119

MMTS: 34/26/26

Tw: -

Ta: 20

$\xi PCN_L: 0.81''$

$\xi PCN_S: 1.1''$

$PCN_{e3}: 0.06'$

$\xi PCN_{e2}: 0.99''$

Wednesday 16 January 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 30 °F		Dir. WNW	Temp 72 °F	1500-1530 LT : -SHSN		
Min. 27 <sup>+</sup> °F		Vel. 5 m.p.h.	Read. 29.06 in.	1845-1915 LT : -SHSN		
Set 29 °F		Char. Steady	Corr. 28.94 in.	2040-0440 LT : -SN 0630-0700 LT : overnight low = 29° -SHSN		
R.H. 84 %		24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. Ns 9/10	Clds. ST 10/10 SC	Clds. 1/16 Ci
Ppn. Liq. 0.02 in.		Prev. Dir. —	3 hr. Tend. +2.0 mb	Wx -SHSN	Wx Overcast	Wx m. clear
Ppn. Sol. 0.2 in.		Snow Depth T in.	Observer JLT	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 29$

HDD: 36

$\Sigma$ HDD: 461

$\Sigma$ CDD: 0

$T_{DAVIS} = 27/23$

$T_{UNV} = 27/21$

MMTS: 28/25/26

$T_w = -$

$T_d = 23$

$\Sigma PCN_2 = 0.83''$

$\Sigma PCN_5 = 1.2''$

$PCN_{6+} = 0.01''$

$\Sigma PCN_{6+} = 1.00''$



Thursday 17 January 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	-SN 0700LT -1030LT			
32 °F	SSE	73 °F				
Min.	Vel.	Read.				
26 °F	2 m.p.h.	29.07 in.				
Set	Char.	Corr.				
28 °F	Steady	28.95 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds. AS	Clds.	Clds.	
72 %	— mi.	30.38 in.	8/10 Sc 9/10 Ci	10/10 N6	10/10 NS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	—	-1.4 mb	M. Cloudy	Light Snow	-SN/FOG	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T in.	0 in.	ADB	23 mi.	1 mi.	2 mi.	

T: 29  
HDD: 36  
 $\Sigma$ HDD: 497  
COD: 0  
 $\Sigma$ COD: 0

TDAVIS: 29/21  
TUNU: 27/19  
mmTS: 3/15/27

Tw: -  
Td: 20

$\Sigma$ PCN<sub>1</sub>: 0.83"

$\Sigma$ PCN<sub>2</sub>: 1.3"

PCN<sub>2</sub>: T  
 $\Sigma$ PCN<sub>2</sub>: 1.00"



Friday 18 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. WSW	Temp 74 °F	1035-0230LT: -SHSN			
Min. 28* °F	Vel. 6 m.p.h.	Read. 28.71 in.	0515-0545LT: -SHSN			
Set 36 °F	Char. steady	Corr. 28.58 in.	0645-0655LT: -SHSN			
			* Overnight Low = 32°			
			0700	1300	1900	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Clds. Sc 9/10 STNs	Clds. Ci 3/10 Cu	Clds. Ci 2/10	
Ppn. Liq. 0.21 in.	Prev. Dir. —	3 hr. Tend. ✓ +.3 mb	Wx M. Cloudy	Wx	Wx mostly SUNNY	
Ppn. Sol. 2.0 in.	Snow Depth 2 in.	Observer JMZ	Vis. 12 mi.	Vis. 25 mi.	Vis. 25 mi.	



$$\bar{T} = 32$$

$$HDD = 33$$

$$\Sigma HDD = 530$$

$$CDD = 0$$

$$\Sigma CDD = 0$$

$$T_{DAVIS} = 36/34$$

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

$$mmts = 36/27/35$$

$$T_w = -$$

$$T_D = 33$$

$$\Sigma PCN_L = 1.04''$$

$$\Sigma PCN_P = 3.3''$$

$$PCN_{62} = 0.21''$$

$$\Sigma PCN_{62} = 1.21''$$

Saturday January 19, 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. —	Temp 72 °F				
Min. 20 °F	Vel. 0 m.p.h.	Read. 29.16 in.				
Set 22 °F	Char. Calm	Corr. 29.05 in.				
			0700	1300	1900	
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. cu 10	Clds.	Clds. NS 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ± 0 mb	Wx partly cloudy	Wx	Wx -SN	
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer MK	Vis. 25 mi.	Vis. mi.	Vis. 15 mi.	

$\bar{T} = 29$   
 $HOD = 36$   
 $COD = 0$   
 $\Sigma HOD = 566$   
 $\Sigma COD = 0$   
 $\Sigma PCW_L = 1.04''$   
 $\Sigma PCW_S = 3.3''$

$T_{Davis} = 22/16$   
 $T_{WV} = 19/14$   
 $MMTS = 36/20/21$

$Gauges = 0.00''$   
 $\Sigma Gauges = 1.21''$

Sunday 20 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	30 °F	Dir. W	Temp 71 °F	1400-1800 LT : -SN		
Min.	10 °F	Vel. 7 m.p.h.	Read. 28.94 in.	1830-1930 LT : -SN		
Set	10 °F	Char. variable	Corr. 28.83 in.	0700	1300	1900
R.H.	58 %	24 hr. Mov. - mi.	Sea L. 30.32 in.	Clds. Sc 5/10	Clds.	Clds. Sc 1/10
Ppn. Liq.	T in.	Prev. Dir. -	3 hr. Tend. +2.5 mb	Wx p. cloudy	Wx	Wx m. clear
Ppn. Sol.	T in.	Snow Depth 1 in.	Observer JLT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}: 20$

HDD: 45

$\Sigma$ HDD: 611

$\Sigma$ CDD: 0

$T_{\text{ams}}: 9/-2$

$T_{\text{avr}}: 9/-2$

MMTS: 28/8/8

$T_w: -$

$T_d: -2$

$\Sigma PCN_2: 1.04''$

$\Sigma PCN_3: 3.3''$

$PCN_2: T$

$\Sigma PCN_2: 1.21''$



Monday 21 January 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	14 °F	Dir.	SW	Temp	72 °F	1630-1700 LT; Flurries		
Min.	7 °F	Vel.	3 m.p.h.	Read.	29.45 in.			
Set	7 °F	Char.	Steady	Corr.	29.34 in.			
R.H.	52 %	24 hr. Mov.	— mi.	Sea L.	30.85 in.	0700	1300	1900
Ppn.	4 in.	Prev. Dir.	—	3 hr. Tend.	2.0 mb	Clds.	Clds.	Clds.
						0/10	0/10	0/10
						Wx	Wx	Wx
						clear	clear	clear
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.	Vis.	Vis.
7	in.	1 in.	JLT	25 mi.		25' mi.	25 mi.	

$\bar{T} = 11$

HDD: 54

$\Sigma$ HDD: 665

$\Sigma$ CDD: 0

$T_{DAYS} = 6/-5$

$T_{WEEK} = 7/-4$

MMTS: 12/6/6

$T_w = -$

$T_d = -5$

$\Sigma PCN_L = 1.04''$

$\Sigma PCN_S = 3.3''$

$PCN_{67} = T$

$\Sigma PCN_{67} = 1.21''$

Tuesday 22 January 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	23 °F	Dir. SSW	Temp 72 °F			
Min.	7 °F	Vel. 6 m.p.h.	Read. 29.03 in.			
Set	22 °F	Char. Steady	Corr. 28.90 in.	* Overnight Low: 18		
				0700	1300	1900
R.H.	38 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. 1/10	Clds. ST 10/10 NS	Clds. NS 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -3.1 mb	Wx Clear	Wx -SMSN	Wx -SHSN
Ppn. Sol.	0.0 in.	Snow Depth 1 in.	Observer ADB	Vis. 25 mi.	Vis. 15 mi.	Vis. 10 mi.

F: 15  
HDD: 50  
EHDD: 715  
CDD: 0  
ECDD: 0

TDAVS: 22/-1  
Tuvv: 2110  
hmts: 22/5/21

Tw: -  
Td: 0

$\Sigma PCN_L: 1.04''$   
 $\Sigma PCN_S: 3.3''$

$PCN_{G_j}: 0.00''$   
 $\Sigma PCN_{G_j}: 1.21''$

Wednesday 23 January 2006

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F		Dir. WSW	Temp 72 °F	1105-1230 LT: -SN		
Min. 21 °F		Vel. 8 m.p.h.	Read. 28.82 in.	1500-1630 LT: -SN		
Set 21 °F		Char. variable	Corr. 28.70 in.	1830-1910 LT: -SN		
				0700	1300	1900
R.H. 68 %		24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 0/10	Clds. A5 3/10	Clds. 1/10 st
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. 40.5 mb	Wx Clear	Wx P. Cloudy	Wx m. Clear
Ppn. Sol. T in.		Snow Depth T in.	Observer JCT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 29$

HDD: 36

$\Sigma$ HDD: 751

$\Sigma$ CDD: 0

$T_{\text{trans}}: 21/12$

$T_{\text{curr}}: 19/12$

MMTS: 36/20/20

$T_d: 12$

$T_w: -$

$\Sigma$ PCN<sub>L</sub>: 1.04"

$\Sigma$ PCN<sub>S</sub>: 3.3"

PCN<sub>62</sub>: T

$\Sigma$ PCN<sub>62</sub>: 1.21"

Thursday 24 January 2008  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
27 °F	WSW	73 °F				
Min.	Vel.	Read.				
18 °F	1 m.p.h.	28.82 in.				
Set	Char.	Corr.				
19 °F	Steady	28.69 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
59 %	— mi.	30.13 in.	7/10 As	10/10 ST NS	3/10 Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	-0.3 mb	p. cloudy	-SHSN	p. cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	T in.	ADB	25 mi.	17 mi.	25 mi.	

F: 23

HDD: 42

EHDD: 793

COO: 0

ECOO: 0

Tunv: 19/7

Toavis: 19/7

mmts: 26/18/18

Td: 7

Tw: -

$\epsilon PCN_L: 1.04''$

$\epsilon PCN_B: 3.3''$

$PCN_{\alpha}: 0.00''$

$\epsilon PCN_{\beta}: 1.21''$



Friday 25 January 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 28 °F		Dir. WNW	Temp 72 °F	1300-1450LT: OCCl -SN 1730-1810LT: -SN		
Min. 14 °F		Vel. 14 m.p.h.	Read. 29.21 in.	2310-0100LT: OCCl -SN 0410-0450LT: -SN		
Set 14 °F		Char. Gusty	Corr. 29.08 in.	0700	1300	1900
R.H. 60 %		24 hr. Mov. — mi.	Sea L. 30.56 in.	Clds. Sc 1/10	Clds. Cu 1/10	Clds. Ci 1/10
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. +1.3mb	Wx M. clear	Wx Sunny	Wx Sunny
Ppn. Sol. T in.		Snow Depth T in.	Observer J.M.Z.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 21$$

$$HDD = 44$$

$$\sum HDD = 837$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 15/6$$

$$T_{UNV} = 16/5$$

$$MMS = 27/14/14$$

$$T_W = -$$

$$T_D = 5$$

$$\sum PCN_L = 1.04''$$

$$\sum PCN_J = 3.3''$$

$$PCN_{62} = T$$

$$\sum PCN_{62} = 1.21''$$

Saturday January 26, 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 25 °F	Dir. E	Temp 72 °F	-SN 0539-08			
Min. * 14 °F	Vel. 1 m.p.h.	Read. 29.64 in.	* OVRT LOW 16			
Set 17 °F	Char. Light	Corr. 29.52 in.				
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.41 in.	Clds. NS 10 10	Clds.	Clds. 10/16 st	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ~±0mb	Wx Light Snow	Wx	Wx overcast	
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer AK	Vis. 1.1 mi.	Vis. mi.	Vis. 20 mi.	



$\bar{T} = 20$   
 $HDD = 415$   
 $CDD = 0$   
 $\Sigma HDD = 882$   
 $\Sigma CDD = 0$   
 $\Sigma PCW_L = 1.04''$   
 $\Sigma PCW_S = 3.4''$

$T_{Davis} = -$   
 $T_{UV} = 18/14$   
 $MMS = 24/14/17$

$G_{avg} = T$   
 $\Sigma G_{avg} = 1.21''$

Sunday January 27 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 27 °F	Dir. —	Temp 72 °F	0700-1000 LT: -SN			
Min. 17* °F	Vel. 0 m.p.h.	Read. 28.88 in.	1930-2145 LT: -SN			
Set 23 °F	Char. calm	Corr. 28.76 in.	0000-0500 LT: -SN			
			*overnight low = 23°			
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	0700	1300	1900	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +0.3 mb	Clds. St 10/10	Clds.	Clds. Ci 2/10	
Ppn. Sol. 0.4 in.	Snow Depth 1 in.	Observer JCT	Wx overcast	Wx	Wx Fog	
			Vis. 15 mi.	Vis.	Vis. 5 mi.	

$\bar{T} = 22$

HDD: 43

$\Sigma$ HDD: 925

$\Sigma$ CDD: 0

$T_{DAMS} = -$

$T_{uvr} = 21/18$

MMTS: 25/17/22

$T_w = -$

$T_d = 18$

$\Sigma PCN_2 = 1.08''$

$\Sigma PCN_3 = 3.8''$

$PCN_2 = 0.05''$

$\Sigma PCN_4 = 1.26''$

Monday January 28 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 31 °F		Dir. NW	Temp 72 °F	0900-1100: -SN		
Min. 23* °F		Vel. 5 m.p.h.	Read. 29.05 in.			
Set 30 °F		Char. Light	Corr. 28.92 in.	*Overnight low: 29		
				0700	1300	1900
R.H. 75 %		24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 10/10 St	Clds. 9/10 St	Clds. 7/10 C, <del>As</del>
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. — +1 mb	Wx Overcast	Wx Mostly Cloudy	Wx M. Cloudy
Ppn. Sol. T in.		Snow Depth 1 in.	Observer PMV	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

T: 27

HDD: 38

EHDD: 963

CDD: 0

ECDD: 0

TOAVS: 29/22

TUVV: 30/19

MMTS: 30/22/29

TW: —

Td: 22

EPCNL: 1.08"

EPCNS: 3.8"

PCNG2: T

EPCNG2: 1.26"



Tuesday 29 January 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	OCCL - FZRA 0300LT - OBS.			
36 °F	SSE	73 °F				
Min.	Vel.	Read.				
28 °F	1 m.p.h.	28.68 in.				
Set	Char.	Corr.				
31 °F	Steady	28.55 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
92 %	— mi.	29.95 in.	10/10 NS	10/10 NS	10/10 NS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.02 in.	—	-1.2 mb	Fog -RA, -FZRA	Overcast	-RA Fog	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	1 in.	ADB	~3 mi.	9 mi.	~4 mi.	

T: 32

HDD: 33

$\Sigma$ HDD: 996

COO: 0

$\Sigma$ COO: 0

TOAVIS: 33/30

Tunv: 30/28

mmts: 35/27/30

Tw: -

Td: 29

$\Sigma$ PCN<sub>L</sub>: 1.10"

$\Sigma$ PCN<sub>S</sub>: 3.8"

PCN<sub>W</sub>: 0.02"

$\Sigma$ PCN<sub>W</sub>: 1.28"

Wednesday 30 January 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F		Dir. WSW	Temp 74 °F	0700-845LT: occl -FZRA, -RA, -SN		
Min. 30* °F		Vel. 18 m.p.h.	Read. 28.40 in.	1100-1315LT: -dz 1730-0530LT: -dz, occl -RA 0630-0645LT: occl -SN		
Set 32 °F		Char. Very Gusty	Corr. 28.27 in.	* Overnight Low = 32 Peak Gust at obs: 60mph		
R.H. 56 %		24 hr. Mov. — mi.	Sea L. 29.65 in.	0700 Clds. Sc 4/10	1300 Clds. Sc 6/10 Cy St	1900 Clds. 0/10
Ppn. Liq. 0.50 in.		Prev. Dir. —	3 hr. Tend. +8 mb	Wx Very Breezy	Wx Windy	Wx Clear
Ppn. Sol. T in.		Snow Depth 0 in.	Observer JMZ.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 36$$

$$HDD = 29$$

$$\sum HDD = 1025$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$\sum PCN_L = 1.60''$$

$$\sum PCN_S = 3.8''$$

$$T_{DAVIS} = 32/18$$

$$T_{UNV} = 32/23$$

$$mmts = 42/30/32$$

$$T_W = -$$

$$T_D = 18$$

$$PCN_{6E} = 0.55''$$

$$\sum PCN_{6Z} = 1.83''$$

Thursday 31 January 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	33 °F	Dir. W	Temp 76 °F	Ocal Flurries Obs - 1100 LT		
Min.	16 °F	Vel. 3 m.p.h.	Read. 29.33 in.	PKGUST 69 mph 0740 LT (1/31)		
Set	18 °F	Char. Steady	Corr. 29.19 in.	0700	1300	1900
R.H.	51 %	24 hr. Mov. — mi.	Sea L. 30.66 in.	Clds. 1/10 Ci	Clds. 2/10 Ci	Clds. 3/10
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +3.5 mb	Wx Clear	Wx Clear	Wx Clear
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F: 25  
HDD: 40  
EHDD: 1065  
CDD: 0  
ECDD: 0

TDAVIS: 18/5  
TUNU: 18/5  
MMS: 33/17/17

TW: -  
Td: 5

JAN. TEMP'S

$$\bar{T}_{MAX} = 36.9^{\circ}F$$

$$\bar{T}_{MIN} = 23.8^{\circ}$$

$$\bar{T}_{JAN} = 30.39^{\circ}$$

$$\sum PCN_L: 1.60''$$

$$\sum PCN_S: 3.8''$$

$$PCN_{63}: 0.00''$$

$$\sum PCN_{63}: 1.83''$$