

Thursday November 1, 2007 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F		Dir. —	Temp 72 °F			
Min. 35 °F		Vel. 0 m.p.h.	Read. 29.46 in.			
Set 53 °F		Char. Calm	Corr. 29.25 in.	OUNK LOW = 50		
				0700	1300	1900
R.H. 67 %		24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. Cu 10	Clds.	Clds. 10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. ± 0 mb	Wx Cloudy	Wx	Wx Clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 50$$

$$H00 = 15$$

$$C00 = 0$$

$$\Sigma H00 = 15$$

$$\Sigma C00 = 0$$

$$\Sigma PCW_i = 0.00''$$

$$T_{Davis} = 55/47$$

$$T_{UVV} = 54/43$$

$$T_U = 53$$

$$T_d = 49$$

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

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

Friday 2 November 2007 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. NE	Temp 74 °F	0845-0915 LT : -SMRA			
Min. 32 °F	Vel. 0 m.p.h.	Read. 29.18 in.				
Set 32 °F	Char. calm	Corr. 29.05 in.				
R.H. 85 %	24 hr. Mov. - mi.	Sea L. 30.47 in.	0700 Clds. % 10	1300 Clds. % 10	1900 Clds. % 10	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. +1.2 mb	Wx Sunny	Wx Sunny	Wx clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer Jmz	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} : 44$

HDD: 21

$\Sigma$  HDD: 36

CDD: 0

$\Sigma$  CDD: 0

$\Sigma$  PCN<sub>L</sub>: Tiate

T<sub>DAVIS</sub>: 33/28

T<sub>UNV</sub>: 28/25

T<sub>D</sub>: 28

PCN<sub>62</sub>: T

$\Sigma$  PCN<sub>62</sub>: T

Saturday 3 November 2007

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	E	Temp	74 °F			
Min.	28 °F	Vel.	1 m.p.h.	Read.	28.92 in.			
Set	24 °F	Char.	light	Corr.	28.80 in.	0700	1300	1900
R.H.	96 %	24 hr. Mov.	— mi.	Sea L.	30.27 in.	Clds. Cs	Clds.	Clds.
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	-1.5 mb	5/10 Ci		0/10
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JLT	Wx	Wx	Wx
						p. cloudy		Clear
						Vis.	Vis.	Vis.
						20 mi.	mi.	35 mi.

$\bar{T}: 42$

$T_{avg}: 30/28$

$T_d: 28$

HDD: 23

$T_{min}: 28/27$

$\Sigma HDD: 59$

CDD: 0

$\Sigma CDD: 0$

$\Sigma PCN_e: T$

$PCN_{e,r}: 0.00$

$\Sigma PCN_e: T$

Sunday, 4 November 2007 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
58 °F	SW	74 °F				
Min.	Vel.	Read.				
29 * °F	1 m.p.h.	28.79 in.				
Set	Char.	Corr.	* Overnight Low: 39°			
40 °F	Steady	28.66 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
93 %	— mi.	30.04 in.	9/10 Ci Cs		2/10 As, Ac	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.7 mb	m, Cloudy		Cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	25 mi.	mi.	25 mi.	

F: 44

T Davis: 39/34

Tw: 39

HDD: 21

T Lunu: 37/32

Td: 38

EHDD: 80

CDD: 0

ECDD: 0

EPCNL: T

PCN<sub>63</sub>: 0.00"

EPCN<sub>5</sub>: 0.0"

EPCN<sub>63</sub>: T



Monday, 5 November, 2007

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
51 °F	—	74 °F				
Min.	Vel.	Read.				
32 °F	0 m.p.h.	28.83 in.				
Set	Char.	Corr.				
32 °F	calm	28.71 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
92 %	— mi.	30.12 in.	~ $\frac{0}{10}$ As, Cs	4/10 Sc	$\frac{10}{10}$ Ns	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.9 mb	Clear + chilly	P. Cloudy	Rain	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	25 mi.	25 mi.	

$\bar{T} = 42^\circ$   
HDD = 23  
 $\Sigma \text{HDD} = 103$   
 $\Sigma \text{CDD} = 0$

$T_{\text{DAYS}} = 32^\circ/30^\circ$   
 $T_{\text{UNV}} = 30^\circ/30^\circ$   
 $T_{\text{XPSU}} = \text{M/M}$

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

$\Sigma \text{PCN}_L = T$   
 $\Sigma \text{PCN}_S = 0.0''$

$\text{PCN}_{62} = 0.00''$   
 $\Sigma \text{PCN}_{62} = T$

Tuesday November 6, 2007

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. WSW	Temp 74 °F		TSRA 1820-1900 -RA 1400-2220 -RA 2320-0200		
Min. 32 °F	Vel. 13 m.p.h.	Read. 28.98 in.		FOUNT LOW 37		
Set 37 °F	Char. Breezy	Corr. 28.87 in.		0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. Cu 5/10	Clds. 2/10 Cu, Sc	Clds. Cu 7/10	
Ppn. Liq. 0.28 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx winny, Sunny	Wx M-Cloudy	Wx M, Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 44$$

$$HDD = 21$$

$$\sum DD = 0$$

$$\sum HDD = 124$$

$$\sum CDD = 0$$

$$\sum PCW = 0.28''$$

$$T_{Davis} = 38/32$$

$$T_{UVV} = 36/30$$

$$T_w = 37$$

$$T_d = 31$$

$$G_{avg} = 0.08''$$

$$\sum G_{avg} = 0.28''$$

Wednesday 7 November 2007

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 44 °F		Dir. WSW		Temp 74 °F		~ 1030 : - SHSN LT 1450-1500 : - SHSN LT		
Min. 34 °F		Vel. 8 m.p.h.		Read. 28.94 in.		0215-0500 : - dz, occl - SHRA 0550-0610 : - SHRA		
Set 37 °F		Char. variable		Corr. 28.81 in.		0700	1300	1900
R.H. 72 %		24 hr. Mov. — mi.		Sea L. 20.21 in.		Clds. Sc 9/10 st	Clds.	Clds. cu 10/16
Ppn. Liq. 0.06 in.		Prev. Dir. —		3 hr. Tend. +2.1 mb		Wx M. Cloudy	Wx	Wx Cloudy
Ppn. Sol. T in.		Snow Depth 0 in.		Observer JmZ		Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}: 39$

HDD: 26

$\Sigma$ HDD: 150

CDD: 0

$\Sigma$ CDD: 0

$\Sigma$ PCN<sub>L</sub>: 0.34"

$\Sigma$ PCN<sub>J</sub>: T

T<sub>DAVIS</sub>: 37/31

T<sub>UNV</sub>: 37/30

T<sub>w</sub>: 37

T<sub>0</sub>: 31

PCN<sub>62</sub>: 0.06

$\Sigma$ PCN<sub>62</sub>: 0.34"

Thursday November 8, 2007 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. —	Temp 74 °F	SHSN ~ 1500 LT			
Min. 27 °F	Vel. 0 m.p.h.	Read. 29.34 in.				
Set 29 °F	Char. Calm	Corr. 29.23 in.	0700	1300	1900	
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. St 6 Cu	Clds. 10 Ci, As, S	Clds. Sc 8/10 Cu	
Ppn. Liq. 0.1 in.	Prev. Dir. —	3 hr. Tend. — ±0mb	Wx partly sunny	Wx cloudy but bright	Wx M. Cloudy	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AK	Vis. ~20 mi.	Vis. 25 mi.	Vis. 25 mi.	



$$\begin{aligned}\bar{T} &= 35 \\ HOD &= 30 \\ CDD &= 0 \\ \Sigma HOD &= 180 \\ \Sigma CDD &= 0 \\ \Sigma PCW_L &= 0.34'' \\ \Sigma PCW_S &= T\end{aligned}$$

$$\begin{aligned}T_{Dens} &= 29/27 \\ T_{WU} &= 28/27\end{aligned}$$

$$\begin{aligned}t_w &= \sim \\ T_d &= \sim\end{aligned}$$

$$\begin{aligned}G_{aged} &= T \\ \Sigma G_{aged} &= 0.34''\end{aligned}$$



Friday November 9 2007

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	42 °F	Dir.	—	Temp	74 °F				
Min.	29* °F	Vel.	0 m.p.h.	Read.	28.90 in.				
Set	34 °F	Char.	calm	Corr.	28.78 in.	*overnight low = 31°F			
						0700	1300	1900	
R.H.	80 %	24 hr. Mov.	— mi.	Sea L.	30.18 in.	Clds.	10/10 St	Clds. Ns	10/10 Ns
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	-0.8 mb	Wx	overcast	Wx	Light Snow
Ppn. Sol.	0 in.	Snow Depth	0 in.	Observer	JGT	Vis.	25 mi.	Vis.	10 mi.
								Vis.	20 mi.



$\bar{T}: 36$

HDD: 29

$\Sigma$ HDD: 209

CDD: 0

$\Sigma$ CDD: 0

$\Sigma$ PCN<sub>L</sub>: 0.34"

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

$T_{unv}: 32/27$

$T_{avis}: 35/28$

$T_u = -$

$T_d = 28$

PCN<sub>6</sub>: 0.00"

$\Sigma$ PCN<sub>6</sub>: 0.34"

Saturday 10 November 2007 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F		Dir. ENE	Temp 73 °F	0800-1330LT: -SMSN		
Min. 34 °F		Vel. 2 m.p.h.	Read. 28.90 in.	1330-0210LT: -SMRA, occl dz, occl -SMSN		
Set 34 °F		Char. light	Corr. 28.77 in.	0210-0530LT: -SMSN		
R.H. 90 %		24 hr. Mov. — mi.	Sea L. 30.17 in.	0700 Clds. NS 10/10 ST	1300 Clds.	1900 Clds. 9/10 ST
Ppn. Liq. 0.14 in.		Prev. Dir. —	3 hr. Tend. / +1.3 mb	Wx Fog Overcast	Wx	Wx M. cloudy
Ppn. Sol. T in.		Snow Depth 0 in.	Observer JMZ	Vis. 4 mi.	Vis. mi.	Vis. 25 mi.

T: 36

HDD: 29

$\Sigma$ HDD: 238

CDD: 0

$\Sigma$ CDD: 0

TDAVIS: 35/34

TUNV: 34/32

Tw: -

Td: -

$\Sigma$ PCN<sub>L</sub> = .48"

$\Sigma$ PCN<sub>D</sub> = T

PCN<sub>62</sub> : 0.13

$\Sigma$ PCN<sub>62</sub> : .47"

Sunday 11 November 2007  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
40 °F	NNW	72 °F				
Min.	Vel.	Read.				
28 °F	0 m.p.h.	29.13 in.				
Set	Char.	Corr.				
29 °F	Calm	29.00 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
92 %	— mi.	30.34 in.	no AS		10 st, AS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.7 mb	no clear Fog		cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	2 mi.		mi. ~20 mi.	

F: 34

HDD: 31

$\Sigma$ HDD: 269

CDD: 0

$\Sigma$ CDD: 0

T DAVIS: 29/27

T UNV: 28/27

TW: -

Td: 27

$\Sigma$ PCN<sub>L</sub>: 0.48"

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

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

$\Sigma$ PCN<sub>g</sub>: 0.47"

Monday, 12 November, 2007 0700 EST

Temp.			Wind	Barom.	General Obs.						
Max.			Dir.	Temp	2110-0010LT: -RA/DZ/-DZ, with thunder 2230-2300LT.						
45	°F		SW	74				°F			
Min.			Vel.	Read.							
28	°F		4	m.p.h.	29.02	in.					
Set			Char.	Corr.							
41	°F		light	28.90	in.	0700	1300	1900			
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.				
96	%		-	mi.	30.29	in.	10/10	st	10/10	st	
Ppn. Liq.			Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx				
0.03	in.		-		Overcast	Overcast	Cloudy				
Ppn. Sol.			Snow Depth	Observer	Vis.	Vis.	Vis.				
0.0	in.		0	in.	AGM	~5	mi.	~10	mi.	~17	mi.



$$\bar{T} = 37^\circ$$
$$MDD = 28$$
$$\Sigma MDD = 297$$

$$T_{DAVIS} = 40.5^\circ / 39.5^\circ$$
$$T_{UMV} = 39^\circ / 39^\circ$$
$$T_{KPSU} = M/M$$

$$T_w = 40^\circ$$
$$T_b = 40^\circ$$

$$\Sigma PCN_L = 0.51''$$
$$\Sigma PCN_S = T$$

$$PCN_{LTB} = 0.03''$$

$$PCN_{G2} = 0.04''$$
$$\Sigma PCN_{G2} = 0.51''$$



Tuesday November 13, 2007 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F		Dir. NW	Temp 74 °F	-RA 0000 RA 1500 - 0100 -RA 0340 - 0700 TSRA ~ 2130 LT		
Min. & 41 °F		Vel. 4 m.p.h.	Read. 29.44 in.	POUAT LOW = 48		
Set 51 °F		Char. Light	Corr. 29.32 in.	0700	1300	1900
R.H. 91 %		24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. N <sub>c</sub> 10/10	Clds. C <sub>i</sub> , A <sub>c</sub> ~0/10	Clds. 9/10
Ppn. Liq. 0.48 in.		Prev. Dir. —	3 hr. Tend. +1 mb	Wx Light Rain	Wx A sunny day!	Wx Clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AK	Vis. 6.3 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{F} = 49$$

$$H00 = 16$$

$$C00 = 0$$

$$\Sigma H00 = 313$$

$$\Sigma C00 = 0$$

$$\Sigma PCW_2 = 0.99''$$

$$\Sigma PCW_3 = T$$

$$T_{Dams} = 51149$$

$$T_{WV} = 50146$$

$$T_w = 51$$

$$T_d = 50$$

$$G_{avg} = 0.49''$$

$$\Sigma G_{avg} = 1.00''$$

Wednesday 14 November 2007

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F		Dir. SW	Temp 74 °F	0700-0705 LT: -RA		
Min. 39 °F		Vel. 2 m.p.h.	Read. 28.71 in.			
Set 48 °F		Char. light	Corr. 28.58 in.	0700	1300	1900
R.H. 85 %		24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. St 10/10	Clds.	Clds. St 10/10
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. -±0 mb	Wx Overcast	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JMJ	Vis. ~20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} : 49$

CDD: 0

$\Sigma$ CDD: 0

HDD: 16

$\Sigma$ HDD: 329

$T_{DAVIS} : 48/44$

$T_{UNV} : 37/37$

$T_w = 46$

$T_D = 44$

$\Sigma PCN_L = 0.994$

$\Sigma PCN_S = T$

$PCN_{62} : T$

$\Sigma PCN_{62} : 1.00''$

Thursday, November 15, 2007 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F		Dir. WNW	Temp 74 °F	-RA 01L RA 2100 - 0700		
Min. 40 °F		Vel. 4 m.p.h.	Read. 28.44 in.			
Set 41 °F		Char. Light	Corr. 28.23 in.	0700	1300	1900
R.H. 95 %		24 hr. Mov. — mi.	Sea L. 29.35 in.	Clds. $N_s$ $\frac{10}{10}$	Clds. $\frac{10}{10} N_s, St$	Clds. $Sc$ $\frac{7}{10}$
Ppn. Liq. 0.72 in.		Prev. Dir. —	3 hr. Tend. ✓ ±0 mb	Wx Rain	Wx -DZ, -RA]	Wx M, Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AK	Vis. ~63 mi.	Vis. ~20 mi.	Vis. 25 mi.

$$\bar{T} = 51$$

$$H_{00} = 14$$

$$C_{00} = 0$$

$$\Sigma H_{00} = 343$$

$$\Sigma C_{00} = 0$$

$$\Sigma P_{LW_2} = 1.71''$$

$$\Sigma P_{LW_3} = T$$

$$T_{Davis} = 41/40$$

$$T_{UNV} = 41/37$$

$$T_w = 41$$

$$T_d = 40$$

$$G_{avg} = 0.74''$$

$$\Sigma G_{avg} = 1.74''$$

Friday 16 November 2007

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. NW	Temp 72 °F	0700-1030 LT: -SHRA			
Min. 34 °F	Vel. 12 m.p.h.	Read. 28.68 in.	1215-1300 LT: -dz			
Set 34 °F	Char. breezy	Corr. 28.56 in.	1400-1415 LT: -SHRA			
			0700	1300	1900	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. Sc 3/10	Clds. NS 5/10	Clds. Ci 2/10	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +1.1mb	Wx P. Cloudy	Wx P. Cloudy Flurries	Wx m. clear	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 39$

$T_{\text{DAVIS}} = 34/27$

$T_W = -$

$HDD = 26$

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

$T_D = 26^\circ$

$\sum HDD = 369$

$CDD = 0$

$\sum CDD = 0$

$\sum PCN_L = 1.75''$

$\sum PCN_S = T$

$PCN_{G2} = 0.05''$

$\sum PCN_{G2} = 1.79''$



Saturday, 17 November, 2007 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. SW	Temp 72 °F		0745-0845LT: --SH SN/OCNL -SH SN 1200-1330LT: OCNL -SH SN 1950-2200LT: OCNL -SH SN OCNL --SH SN at other periods not mentioned above		
Min. 33 °F	Vel. 2 m.p.h.	Read. 28.84 in.				
Set 33 °F	Char. light	Corr. 28.72 in.				
			0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. ~10 As, St	Clds.	Clds. 10 Ms, St, As	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.3mb	Wx Clouds trying to break	Wx	Wx -DZ/-SN	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. -18 mi.	

$\bar{T} = 35^\circ$   
HDD = 30  
 $\Sigma \text{HDD} = 399$

$T_{\text{DAVIS}} = 32^\circ/25.5^\circ$   
 $T_{\text{UNY}} = 30^\circ/23^\circ$

$T_w = \text{N/A}$   
 $T_o = 26^\circ$

$\Sigma \text{PCN}_L = 1.75''$   
 $\Sigma \text{PCN}_S = T$

$\text{PCN}_{q2} = T$   
 $\Sigma \text{PCN}_{q2} = 1.79''$

Sunday, 18 November, 2007 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. NNE	Temp 72 °F	1830-2050 LT: 0CNL -RA/-DZ/-SP/-SN 2050-LT-OBS: -SN/0CNL--SN, mixed with -SP prior to midnight		
Min.	32 °F	Vel. 2 m.p.h.	Read. 29.02 in.	(5th latest of		
Set	33 °F	Char. light	Corr. 28.90 in.	* 1st measurable of 07-08 winter (11 years)		
				0700	1300	1900
R.H.	99 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. 10 10 NS	Clds.	Clds. 10 10 NS
Ppn. Liq.	0.20 in.	Prev. Dir. —	3 hr. Tend. /+1.7 mb	Wx -SN	Wx	Wx -SN
Ppn. Sol.	0.5* in.	Snow Depth T in.	Observer AGM	Vis. ~1 mi.	Vis. mi.	Vis. ~1.5 mi.

$T = 37^\circ$   
HDD = 28  
 $\Sigma \text{HDD} = 427$

$T_{\text{DAVS}} = 33.5^\circ / 33^\circ$   
 $T_{\text{UNV}} = 32^\circ / 32^\circ$

$T_v = 33^\circ$   
 $T_o = 33^\circ$

$\Sigma \text{PCN}_L = 1.95''$   
 $\Sigma \text{PCN}_S = 0.5''$

$\text{PCN}_{\text{LTS}} = 0.07''$        $\text{PCN}_{G2} = *$   
 $\Sigma \text{PCN}_{G2} = *$

Monday, 19 November, 2007 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	OBS-0115LT: -SN/OCNL --SN, except -SN/SN 0750-0850LT 0115-0215LT: --SN/-DZ 0215LT-OBS: -DZ/OCNL --RA * Mountains obscured by clouds Temperature Notes: Max=32.8, Min=31.7, Set=32.7			
33 °F	NE	71.5 °F				
Min.	Vel.	Read.				
32 °F	3 m.p.h.	29.18 in.				
Set	Char.	Corr.	0700	1300	1900	
32 °F	light	29.06 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
100 %	— mi.	30.48 in.	$\frac{10}{10}$ Ns, St	$\frac{10}{10}$ St	$\frac{10}{10}$ St	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.37 in.	—	+0.7mb	-DZ/--RA	overcast	fog/overcast	
Ppn. Sol.	Snow Depth	Observer	Vis. -2, *	Vis.	Vis.	
2.0 in.	1 in.	AGM	but 10 SW mi.	12 mi.	4 mi.	

$\bar{T} = 33^\circ$   
HDD = 32  
 $\Sigma \text{HDD} = 459$

$T_{\text{DAVIS}} = 33.5^\circ / 32.5^\circ$   
 $T_{\text{UNV}} = 32^\circ / 32^\circ$

$T_w = 32.5^\circ$   
 $T_D = 32.5^\circ$

$\Sigma \text{PCN}_L = 2.32''$   
 $\Sigma \text{PCN}_S = 2.5''$

(2 day total)  $\rightarrow \text{PCN}_{GZ} = 0.55''$   
 $\Sigma \text{PCN}_{GZ} = 2.34''$

Tuesday 20 November 2007

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 41 °F		Dir. SSW	Temp 73 °F	0700-0705 LT: -SHRA		
Min. 32* °F		Vel. 3 m.p.h.	Read. 28.90 in.	0700-0800 LT: -SHRA		
Set 39 °F		Char. Steady	Corr. 28.78 in.	0000-0035 LT: +RA		
				0035-0615 LT: DZ/-Ra/+Ra		
				*overnight = 38°		
				0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. St 10/10	Clds. N <sub>s</sub> 10/10	Clds. St 10/10
Ppn. Liq. 0.11 in.		Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx fog/ overcast	Wx -DZ	Wx fog/overcast
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JLT	Vis. 2 mi.	Vis. 4 mi.	Vis. 5 mi.

$\bar{T}: 37$

HDD: 28

$\Sigma$ HDD: 487

CDD: 0

$\Sigma$ CDD: 0

$T_{\text{DAYS}} = 39/39$

$T_{\text{HRR}} = 37/37$

$T_w = 39^\circ$

$T_d = 39^\circ$

$\Sigma PCN_L: 2.43''$

$\Sigma PCN_S: 2.5''$

$PCN_{6_3}: 0.13''$

$\Sigma PCN_{6_2}: 2.47''$



Wednesday 21 November 2007

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 49 °F		Dir. NNE	Temp 72 °F	0715-0815 LT: D <sub>z</sub>		
Min. 39 <sup>+</sup> °F		Vel. 1 m.p.h.	Read. 28.82 in.	0900-1100 LT: -SHRA		
Set 45 °F		Char. light	Corr. 28.70 in.	* overnight $\approx$ 42°		
R.H. 42 %		24 hr. Mov. — mi.	Sea L. 30.05 in.	0700 Clds. Ac 8/10 contnls	1300 Clds. Ac 7/10	1900 Clds. Ac 7/10
Ppn. Liq. 0.09 in.		Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx m. cloudy	Wx m. cloudy	Wx m. cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JLT	Vis. 12 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 44$

$T_{\text{max}}: 45/45$

$T_w: 44$

$\text{CDD}: 0$

$T_{\text{min}}: 41/41$

$T_d: 43$

$\Sigma \text{CDD}: 0$

$\text{HDD}: 21$

$\Sigma \text{HDD}: 508$

$\Sigma \text{PCN}_L: 2.52''$

$\text{PCN}_5: 0.08''$

$\Sigma \text{PCN}_5: 2.5''$

$\Sigma \text{PCN}_6: 2.55''$

THURSDAY 22 NOV 2007

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. SW	Temp 76 °F	-SUNNY ~ 1930 LT ~ 2130-2230 LT 0630-0645 LT			
Min. 45 * °F	Vel. 5 m.p.h.	Read. 28.50 in.	* Q/N/T LAW 52			
Set 58 °F	Char. STEADY	Corr. 28.36 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. - mi.	Sea L. 29.67 in.	Clds. 10/10 SE ALL	Clds.	Clds. 7/10 AS Se	
Ppn. Liq. 0.01 in.	Prev. Dir. -	3 hr. Tend. -1.3 mb	Wx B/N/DVC BALMY -SUNNY	Wx	Wx BREEZY	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WTS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 55$$

$$H_{20} = 10$$

$$\Sigma H_{20} = 518$$

$$T_{DMS} = 59/53$$

$$T_{JUV} = 55/50$$

$$T_w = 56$$

$$T_D = 54$$

$$\Sigma PCN_L = 2.53''$$

$$\Sigma PCN_S = 2.5''$$

$$PCN_{02} = 0.03''$$

$$\Sigma PCN_{02} = 2.58''$$

FRIDAY 23 NOV 2007

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. WNW	Temp 72 °F	SHRA 1100-1200 LT -SINRA ~1600 LT			
Min. 27 °F	Vel. 5 m.p.h.	Read. 28.98 in.				
Set 27 °F	Char. L1647	Corr. 28.85 in.	0700	1300	1900	
R.H. 68 %	24 hr. Mov. - mi.	Sea L. 30.27 in.	Clds. Cs, Ns 9/10 Sc	Clds.	Clds. 3/10 Sc	
Ppn. Liq. 0.08 in.	Prev. Dir. -	3 hr. Tend. 141.5 mb	Wx BRISK	Wx	Wx m. clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WTS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 46$$

$$H_{20} = 19$$

$$\Sigma H_{20} = 537$$

$$T_{AMS} = 28/18$$

$$T_{UNU} = 28/16$$

$$T_0 = 18$$

$$\Sigma PCN_L = 2.61''$$

$$\Sigma PCN_S = 2.5''$$

$$PCN_{L2} = 0.08''$$

$$\Sigma PCN_{L2} = 2.66''$$

Saturday 24 November 2007  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. WSW	Temp 71 °F	- SHSN 1000 LT - 1610 LT		
Min.	20 °F	Vel. 1 m.p.h.	Read. 29.28 in.			
Set	21 °F	Char. Steady	Corr. 29.15 in.	0700	1300	1900
R.H.	92 %	24 hr. Mov. — mi.	Sea L. 30.61 in.	Clds. 4/10 Ci	Clds.	Clds. 8/10 Ci AS
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +0.3 mb	Wx D, Clear Full moon	Wx	Wx m. Cloudy
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F: 28  
HDD: 37  
EHDD: 574

Toavis: 22/19  
Tunu: 21/18

To: 19

$\epsilon_{PCN_2}$ : 2.61"  
 $\epsilon_{PCN_3}$ : 2.5"

$\epsilon_{PCN_3}$ : 2.66"  
 $\epsilon_{PCN_2}$ : 2.66"



Sunday 25 November 2007

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
37 °F	SW	71 °F				
Min.	Vel.	Read.				
20 °F	2 m.p.h.	29.17 in.				
Set	Char.	Corr.	Overnight low - 26			
27 °F	Steady	29.04 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
72 %	— mi.	30.48 in.	9/10		7 Cs, Ci, 10 As	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	70.3 mb	Clear		Increasing Clouds	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	25 mi.	mi.	25 mi.	

T: 39

HDD: 36

ΣHDD: 610

T Davis: 29/21

Tunn: 27/18

Td: 19

ΣPCN<sub>L</sub>: 2.61"

ΣPCN<sub>S</sub>: 2.5"

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

ΣPCN<sub>0.2</sub>: 2.66"

Monday, 26 November, 2007 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	2210-2245: -RA	*Overnight		
46 °F	-	72 °F	2245-220LT: RA/-RA	low = 38°		
Min.	Vel.	Read.	220-400LT: -RA/-DZ			
25* °F	0 m.p.h.	28.87 in.	545LT-OBS: -RA/-DZ/--RA			
Set	Char.	Corr.	Tussey mtn obscured by fog at OBS			
39 °F	calm	28.75 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
98 %	- mi.	30.14 in.	10/10 Ns, St	10/10 Ns	10/10 Ns	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.47 in.	-	-0.4 mb	Sprinkles	Light Rain	Rain	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	3-4 mi.	3 mi.	3.5 mi.	

$\bar{T} = 36^\circ$   
HDD = 29  
 $\Sigma \text{HDD} = 639$

$T_{\text{DAVIS}} = 38.5^\circ / 38^\circ$   
 $T_{\text{UNV}} = 37^\circ / 37^\circ$   
 $T_{\text{KPSU}} = 39^\circ / 36^\circ$

$T_D = 38.5^\circ$   
 $T_W = 38.5^\circ$

$\Sigma \text{PCN}_L = 3.08''$   
 $\Sigma \text{PCN}_S = 2.5''$

$\text{PCN}_{\text{LTB}} = 0.55''$

$\text{PCN}_{\text{GZ}} = 0.49''$   
 $\Sigma \text{PCN}_{\text{GZ}} = 3.15''$

Tuesday November 27, 2007 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. W	Temp 72 °F	- RA 0000 - RA 0700 - 2008 RA 2104 - 0031 TSRA 2300			
Min. 8 39 °F	Vel. 13 m.p.h.	Read. 29.18 in.	- RA 0401 - 0443 - RA 0557 - 0655			
Set 40 °F	Char. breezy	Corr. 29.00 in.	* ON W Low = 40			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	0700	1300	1900	
Ppn. Liq. 0.87 in.	Prev. Dir. —	3 hr. Tend. 23 mb	Clds. Cu 10 st	Clds. 8 Ci, Cs, 10 As, Ac	Clds. Cu 6/10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Wx Cloudy	Wx Clouds Thinning	Wx P/Cloudy	
			Vis. ~20 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 47$$

$$HDD = 18$$

$$CDD = 0$$

$$\Sigma HDD = 657$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_2 = 3.95''$$

$$\Sigma PCW_5 = 2.5''$$

$$T_{0avn3} = 39/37$$

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

$$T_w = 40$$

$$T_s = 42$$

$$G_{avg} = 0.87''$$

$$\Sigma G_{avg} = 4.02''$$



T = 35

HDD: 30

Σ HDD: 687

CDD: 0

Σ CDD: 0

Σ PCN<sub>L</sub> = 3.96"

Σ PCN<sub>S</sub> = 2.5"

T DAVIS = 23/18

T UNV = 28/18

TW: -

T<sub>0</sub>: 18

PCN<sub>62</sub> = 0.01"

Σ PCN<sub>62</sub> = 4.03"



Thursday November 29, 2007 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F		Dir. SW	Temp 72 °F			
Min. 8 27 °F		Vel. 3 m.p.h.	Read. 28.92 in.			
Set 39 °F		Char. Light	Corr. 28.79 in.	Overt low = 39		
				0700	1300	1900
R.H. 51 %		24 hr. Mov. — mi.	Sea L. 29.83 in.	Clds. St 10	Clds.	Clds. Sc 3/10 Cw
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. -3 mb	Wx mostly cloudy	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 34$$

$$HDD = 31$$

$$CDD = 0$$

$$\Sigma HDD = 718$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_2 = 3.96''$$

$$\Sigma PCW_3 = 2.5''$$

$$T_{Davis} = 37/27$$

$$T_{UNV} = 37/23$$

$$T_w = 38$$

$$T_a = 34$$

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

$$\Sigma G_{avg} = 4.03''$$

Friday November 30, 2007

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. SW	Temp 72 °F	0750-0805 LT: -BA		
Min.	25 °F	Vel. 2 m.p.h.	Read. 29.11 in.			
Set	25 °F	Char. light	Corr. 28.98 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. Sc 4/10	Clds. Ci 1/10	Clds. 0/10
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx P. Cloudy	Wx Sunny	Wx clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JIMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.



$$\bar{T} = 39$$

$$HDD = 26$$

$$\sum HDD = 744$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$\sum PCN_L = 3.96''$$

$$\sum PCN_S = 2.5''$$

$$T_{DAVIS} = 25/14$$

$$T_{UNV} = 25/14$$

$$T_W = -$$

$$T_D = 14$$

NOV. 2015

$$\bar{T}_{max} = 48.3^\circ F$$

$$\bar{T}_{min} = 31.5^\circ$$

$$\bar{T}_{mv} = 39.88^\circ$$

$$PCN_{G2} = T$$

$$\sum PCN_{G2} = 4.03''$$