

Sund. day October 01, 2020

0700 EST

Meteorological Observatory
Univeristy Park, PA

* OVERCAST LOW = SHRA

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SW	Temp 69 °F	OCC L - SHRA 1000 - 1200 LT OCC L - SHRA 1420 - 1440 LT OCC L - SHRA 1640 - 1740 LT OCC L - SHRA 1840 - 2040 LT - SHRA 2240 - 2300 LT + SHRA 2300 - 2345 LT OCC L SHRA 2345 - 0000 LT 0000 - 0320 LT		
Min. 41* °F	Vel. 3 m.p.h.	Read. 29.97 in.			
Set 52 °F	Char. light & variable	Corr. 29.75 in.	0700	1300	1900
R.H. 96 %	24 hr. Mov. - mi.	Sea L. 30.06 in.	Clds. 9/10 AC	Clds.	Clds. 8 Sc, Cu, 10 Ns
Ppn. Liq. 0.32 in.	Prev. Dir. -	3 hr. Tend. 140.8 mb	Wx M. cloudy - FG	Wx	Wx Decreasing clouds
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer OP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 48$$

$$HDD = 17$$

$$CDD = 0$$

$$\Sigma HDD = 17$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 0.32''$$

$$T_{DAVES} = 52/51$$

$$T_{WV} = 52/50$$

$$T_W = 51$$

$$T_D = 51$$

$$G_2: 0.35''$$

$$\Sigma G_2: 0.35''$$

MONDAY, 2 October, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. -		Temp 71 °F	1500-1715LT: OCNL-SH RA 1715-1750LT: -SHAA		
Min. 43 °F	Vel. 0 m.p.h.		Read. 29.04 in.			
Set 45 °F	Char. calm		Corr. 28.92 in.	0700	1300	1900
R.H. 98 %	24 hr. Mov. - mi.		Sea L. 30.30 in.	Clds. 0/10 -	Clds.	Clds. Sc, Cu, As
Ppn. Liq. 0.02 in.	Prev. Dir. -		3 hr. Tend. /+1.0 mb	Wx Clear, light fog/mist at base of mountains	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.		Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 54^\circ$
HDD = 11
 $\Sigma \text{HDD} = 28$

$T_{\text{DAVIS}} = 47^\circ/46.5^\circ$
 $T_{\text{UNV}} = 43^\circ/41^\circ$
 $T_{\text{KPSU}} = 37^\circ/37^\circ$

$T_{\text{WB}} = 45^\circ$
 $T_{\text{Dr}} = 45^\circ$

$\Sigma \text{PCN}_L = 0.34''$

$\text{PGN}_{G2} = 0.02''$
 $\Sigma \text{PCN}_{G2} = 0.37''$

Tuesday, 3 October, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	Light fog from Shingleton to Lemontand down Penns Valley at OBS. *overnight low = 55°			
71 °F	-	70 °F				
Min.	Vel.	Read.				
45° °F	0 m.p.h.	29.01 in.	0700	1300	1900	
Set	Char.	Corr.	Clds.	Clds. C	Clds. Ac	
56 °F	calm	28.90 in.	to Cu, Sc, As	10 10 Sc	4/10 As	
R.H.	24 hr. Mov.	Sea L.	Wx	Wx	Wx	
94 %	- mi.	30.25 in.	clouds breaking	Sunny	Partly Cloudy	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Vis.	Vis.	Vis.	
0.00 in.	-	+0.3 mb	25 mi.	25 mi.	25 mi.	
Ppn. Sol.	Snow Depth	Observer				
0.0 in.	0 in.	AGM				

$\bar{T} = 58^\circ$
HDD = 7
 $\Sigma \text{HDD} = 35$

$T_{\text{DAVIS}} = 57^\circ/55^\circ$
 $T_{\text{UNV}} = 53^\circ/50^\circ$
 $T_{\text{KPSU}} = 54^\circ/54^\circ$

$T_{\text{WB}} = 55.5^\circ$
 $T_{\text{DP}} = 55^\circ$

$\Sigma \text{PCN}_L = 0.34''$

$\text{PCN}_{G2} = 0.00''$
 $\Sigma \text{PCN}_{G2} = 0.37''$

Wednesday, October 4, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. WSW	Temp 70 °F		-SHRA 1852 - 1803 -SHRA 1824 - 1833 -DZ OBS		
Min. 53 °F	Vel. 2 m.p.h.	Read. 28.93 in.				
Set 54 °F	Char. Light	Corr. 28.82 in.				
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. St 10/10	Clds.	Clds. 4/10 Cu	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx Overcast w/ -DZ + fog	Wx	Wx Cold front, + storm approaching	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 0.5 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 63$$

$$HDO = 2$$

$$COD = 0$$

$$\Sigma HDO = 37$$

$$\Sigma COD = 0$$

$$\Sigma PCW_t = 0.34''$$

$$T_{DAYS} = 53/53$$

$$T_{W} = 54/52$$

$$T_r = 17$$

$$T_w = 17$$

$$\text{Gauge}_2 = T$$

$$\Sigma \text{Gauge}_2 = 0.37''$$

Thursday, 5 October, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. NNE	Temp 71 °F	TSH RA: 1645-1710LT			
Min. 49 °F	Vel. 7 m.p.h.	Read. 29.03 in.	Cold frontal passage- preceded by: TSH RA/- TSH RA: 2030-2115LT			
Set 49 °F	Char. variable	Corr. 28.91 in.	0700	1300	1900	
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 9/10 Sc	Clds.	Clds. Ac 10/10 Sc	
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. +1.7 mb	Wx Autumnal	Wx	Wx Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 64^\circ$
HDD = 1
 $\Sigma \text{HDD} = 38$
 $\Sigma \text{CDD} = 0$

$T_{\text{DAVIS}} = 50.5^\circ/44^\circ$
 $T_{\text{UNV}} = 50^\circ/39^\circ$
 $T_{\text{KPSU}} = \text{M/M}$

$T_v = 47^\circ$
 $T_b = 44^\circ$

$\Sigma \text{PCN}_L = 0.44''$

$\text{PCN}_{G2} = 0.10''$
 $\Sigma \text{PCN}_{G2} = 0.47''$

Friday, October 6, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F		Dir. NNE	Temp 72 °F	-SHRA 2312-0032 LT		
Min. 44 °F		Vel. 3 m.p.h.	Read. 29.14 in.			
Set 44 °F		Char. Light, Gusty at times	Corr. 29.02 in.			
R.H. 83 %		24 hr. Mov. — mi.	Sea L. 30.41 in.	0700 Clds. As 10/10 Sc	1300 Clds.	1900 Clds. Ac 10 Sc 10
Ppn. Liq. 0.06 in.		Prev. Dir. —	3 hr. Tend. /+1.8 mb	Wx Overcast	Wx	Wx Partly cloud. Bf 30-24
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 52$
 $HDD = 13$
 $CDD = 0$
 $\Sigma HDD = 51$
 $\Sigma CDD = 0$
 $\Sigma PCW = 0.50''$

$T_{DAVIS} = 45/41$
 $T_{JUN} = 43/37$

$T_H = M$
 $T_W = M$

$Gauge_2 = 0.05''$
 $\Sigma Gauge_2 = 0.52''$

Saturday October 7, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. N	Temp 70 °F				
Min. 39 °F	Vel. 4 m.p.h.	Read. 29.23 in.				
Set 40 °F	Char. Light	Corr. 29.12 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. C; 1/10	Clds.	Clds.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.0 mb	Wx Sunny	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NAK	Vis. 25 mi.	Vis. mi.	Vis. mi.	

$$\begin{aligned}\bar{T} &= 47 \\ HOD &= 18 \\ COD &= 0 \\ \sum HOD &= 69 \\ \sum COD &= 0 \\ \sum PCN &= 0.50''\end{aligned}$$

$$\begin{aligned}T_{Davis} &= 42/39 \\ T_{UNV} &= 40/37\end{aligned}$$

$$\begin{aligned}T_U &= - \\ T_D &= -\end{aligned}$$

$$\begin{aligned}G_{avg} &= 0.00 \\ \sum G_{avg} &= 0.52''\end{aligned}$$

Sunday, 8 October 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. N	Temp 69 °F			
Min.	40 °F	Vel. 1 m.p.h.	Read. 29.18 in.			
Set	52 °F	Char. ~calm	Corr. 29.07 in.	Overnight low = 52°		
				0700	1300	1900
R.H.	94 %	24 hr. Mov. — mi.	Sea L. 30.44 in.	Clds. $\frac{6}{10}$ As, Ac	Clds.	Clds. $\frac{0}{10}$ —
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.7 mb	Wx Decreasing clouds	Wx	Wx Heavy a cloud in the sky
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 49^\circ$
HDD = 16
 $\Sigma \text{HDD} = 85$
 $\Sigma \text{PCN}_L = 0.50''$

$T_{\text{DAVIS}} = 52^\circ/50^\circ$
 $T_{\text{LINT}} = 50^\circ/46^\circ$
 $T_{\text{KPSU}} = \text{M/M}$

$T_w = 51^\circ$
 $T_b = 50^\circ$

$\text{PCN}_{62} = 0.00''$
 $\Sigma \text{PCN}_{62} = 0.52''$

Monday, 9 October 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. SSW	Temp 71.5 °F			
Min.	49 °F	Vel. 3 m.p.h.	Read. 29.05 in.	* Moderately thick fog around bases of Nittany, Towary, and down Nittany-Peas valleys, et al.		
Set	49 °F	Char. steady	Corr. 20.93 in.			
				0700	1300	1900
R.H.	98 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. $\frac{2}{10}$ T	Clds. $\frac{5}{10}$ Cu	Clds. $\frac{3}{10}$ Cu, Ac
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.1 mb	Wx Clear*	Wx Scattered cumulus hum.	Wx Fair
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 15* mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 60^\circ$
HDD = 5
 $\Sigma \text{HDD} = 90$
 $\Sigma \text{PCN}_1 = 0.50''$

$T_{\text{DAVIS}} = 49.5^\circ/49.5^\circ$
 $T_{\text{UNV}} = 48^\circ/46^\circ$
 $T_{\text{KPSH}} = M/M$

$T_w = 49^\circ$
 $T_b = 48.5^\circ$

$\text{PCN}_{62} = 0.00''$
 $\Sigma \text{PCN}_{62} = 0.52''$

Tuesday, 10 October 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. SSW	Temp 72 °F	Patchy ground mist ENG to SSE. Overnight Low = 51°		
Min.	49 °F	Vel. 2 m.p.h.	Read. 28.91 in.			
Set	51 °F	Char. light	Corr. 28.79 in.			
R.H.	98 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 7/10 ci	Clds. 7/10 ci, Ac	Clds. \bar{c} 6/10 \bar{c}
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. —0.2mb	Wx Consistent High cloudiness	Wx Broken Mid-level deck	Wx Partly cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 63^\circ$
HDD = 2
 $\Sigma \text{HDD} = 92$
 $\Sigma \text{PCN}_L = 0.30''$

$T_{\text{DAVIS}} = 52^\circ/51.5^\circ$
 $T_{\text{UNV}} = 50^\circ/48^\circ$
 $T_{\text{KPSU}} = \text{M/M}$

$T_v = 51^\circ$
 $T_b = 51^\circ$

$\text{PCN}_{62} = 0.00''$
 $\Sigma \text{PCN}_{62} = 0.52''$

Wednesday, October 11, 2006 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. ESE	Temp 71 °F	0000 -SHRA 0600 - 0630 LT			
Min. 51* °F	Vel. 5 m.p.h.	Read. 28.67 in.				
Set 62 °F	Char. Gusty	Corr. 28.55 in.	*Overnight Low = 62°F			
			0700	1300	1900	
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	Clds. St 10/10 As	Clds. 10/10 As, Ac	Clds. 4/10 Sc, Ac	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx Overcast	Wx Overcast Atto Deck	Wx P. Cloudy	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MLS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 62$$

$$HDD = 3$$

$$COD = 0$$

$$\Sigma HDD = 95$$

$$\Sigma COD = 0$$

$$\Sigma PCW_i = 0.50''$$

$$T_{DAVIS} = 62/58$$

$$T_{LOW} = 61/54$$

$$T_a = M$$

$$T_w = M$$

$$Gaug_2 = T$$

$$\Sigma Gaug_2 = 0.52''$$

Thursday, 12 October, 2006 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. SW	Temp 70 °F	1730-2230LT: OCNL -DZ/-RA, w RA at 2130-2210LT.			
Min. 50 °F	Vel. 569 m.p.h.	Read. 28.43 in.	0030-0250LT: OCNL -RA/RA Cold front ~ 0400LT 0410-0630: OCNL -DZ/-RA/RA Frontal dry slot seen over Penns Valley and to east at observation			
Set 50 °F	Char. breezy	Corr. 28.31 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.65 in.	Clds. 8 10 Sc	Clds. 10 10 Sc	Clds. A 2 10 Sc	
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. — +2.0mb	Wx Autumnal	Wx cloudy	Wx Mostly cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	



$T = 58^\circ$
HDD = 7
 $\Sigma \text{HDD} = 102$

$T_{\text{DAVIS}} = 50^\circ/45.5^\circ$
 $T_{\text{UNV}} = 48^\circ/43^\circ$
 $T_{\text{KFSU}} = \text{M/M}$

$T_w = 48^\circ$
 $T_b = 46^\circ$

$\Sigma \text{PCN}_e = 0.63''$

$\text{PGN}_{G2} = 0.13''$
 $\Sigma \text{PCN}_{G2} = 0.65''$

Friday, October 13, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F		Dir. SW	Temp 70 °F			
Min. 33 °F		Vel. 4 m.p.h.	Read. 28.66 in.			
Set 35 °F		Char. Gusty	Corr. 28.55 in.	0700	1300	1900
R.H. 68 %		24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. As 1/10	Clds. Cu 2/10	Clds. Ac 1/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +0.3 mb	Wx Mostly Sunny	Wx Mostly Sunny	Wx Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\Sigma = 44$
HDD = 21
CDD = 0
 $\Sigma HDD = 1.23$
 $\Sigma CDD = 0$
 $\Sigma PCW = 0.63''$

$T_{DAWS} = 36/26$
 $T_{WU} = 36/23$

$T_d = 11$
 $T_w = 17$

Gauge₁ = 0.00"
 Σ Gauge₂ = 0.65''

Saturday October 14, 1966 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F		Dir. SW	Temp 77 °F			
Min. * 33 °F		Vel. 3 m.p.h.	Read. 28.94 in.			
Set 38 °F		Char. Light	Corr. 28.87 in.	*OUNT LOW 37		
				0700	1300	1900
R.H. 45 %		24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 0 10	Clds.	Clds. 3 As, Sc 10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. 30.0 mb	Wx Clear	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\begin{aligned} \bar{r} &= 43 \\ H(0) &= 22 \\ (00) &= 0 \\ \Sigma H(0) &= 145 \\ \Sigma (00) &= 0 \\ \xi PCL &= 0.63'' \end{aligned}$$

$$\begin{aligned} \bar{D}_{rms} &= 39/25 \\ T_{UV} &= 36/0.1 \end{aligned}$$

$$\begin{aligned} \bar{w} &= - \\ \bar{r}_d &= - \end{aligned}$$

$$\begin{aligned} G_{avg} &= 0.06 \\ \Sigma G_{avg} &= 0.65'' \end{aligned}$$

Sunday October 15, 2000
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. WSW	Temp 72 °F			
Min.	32 °F	Vel. 2 m.p.h.	Read. 29.90 in.			
Set	33 °F	Char. light & variable	Corr. 29.77 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 2/10 AC	Clds.	Clds. 0/10
Ppn. Liq.	T in.	Prev. Dir.	3 hr. Tend. 40.5 mb	Wx N. Clear	Wx	Wx Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 47$
 $HDD = 23$
 $CDD = 0$
 $\Sigma HDD = 168$
 $\Sigma CDD = 0$
 $\Sigma PCN = 0.103''$

$T_{DAVIS} = 34/28$
 $T_{UNV} = 32/25$

$T_w = N/A$
 $T_D = 28$

A firm DAVIS

GZE
 $\Sigma GZE = 0.105''$

Monday, 16 October, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir.	Temp			
		-	72 °F			
Min.	32* °F	Vel.	Read.			
		0 m.p.h.	29.07 in.			
Set	33 °F	Char.	Corr.	*overnight low = 33°		
		calm	28.95 in.	0700	1300	1900
R.H.	94 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		- mi.	30.36 in.	Ci, Cs $\frac{2}{10}$	9/10 -Cs	$\frac{10}{10}$ Cs
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		-	+0.6 mb	Fair + chilly		Clouds Thickening
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	AGM	25 mi.	25 mi.	25 mi.

$\bar{T} = 44^\circ$
HDD = 21
 $\Sigma \text{HDD} = 189$
 $\Sigma \text{PCN}_L = 0.63''$

$T_{\text{DAVIS}} = 33.5^\circ / 31^\circ$
 $T_{\text{UNY}} = 31^\circ / 28^\circ$
 $T_{\text{KPSU}} = M/M$

$T_w = 32^\circ$
 $T_b = 31^\circ$

$\text{PCN}_{G2} = 0.00''$
 $\Sigma \text{PCN}_{G2} = 0.65''$

Tuesday, 17 October, 2006 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. SSE	Temp 74 °F	0115-0330LT: OCNL --RA/-DZ 0330-0500LT: -RA/-DZ/DZ 0500LT-OBS: -RA/OCNL RA			
Min. 33' °F	Vel. 8G15 m.p.h.	Read. 28.85 in.	↑ overnight low = 50°F * Mountain ranges dim, yet visible in mist/fog, except Turkey obscured to SE → SSW, at obs.			
Set 50 °F	Char. gusty	Corr. 28.73 in.	0700	1300	1900	
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 10 10 Ns, St	Clds. st 10 10 Ns	Clds. ^{is} 10/10 St	
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. -2.5 mb	Wx -RA*	Wx RAIN	Wx -DZ	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. = 13 mi.	Vis. ~17 mi.	Vis. ~15 mi.	

$\bar{T} = 46^\circ$
HDD = 19
 $\Sigma \text{HDD} = 208$

$T_{\text{DAVIS}} = 50.5^\circ / 48.5^\circ$
 $T_{\text{UNY}} = 50^\circ / 45^\circ$
 $T_{\text{KPSU}} = \text{M/M}$

$T_w = 49^\circ$
 $T_D = 48^\circ$

$\Sigma \text{PCN}_e = 0.73^*$

$\text{PCN}_{62} = 0.10^*$
 $\Sigma \text{PCN}_{62} = 0.75^*$

Wednesday, October 18, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. W/NW	Temp 72 °F		-RA/RA 005 - 0715LT RA/+RA 0915 - 1250LT -RA/RA 1250 - 1530LT OCCL DZ 1600 - 2155LT		
Min. 50* °F	Vel. 5 m.p.h.	Read. 28.71 in.		*Overnight Low = 55°F		
Set 56 °F	Char. Gusty	Corr. 28.59 in.		0700	1300	1900
R.H. 40 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 8/10	Ac As Sc	Clds. As 10/10 St	Clds. 10/10 St
Ppn. Liq. 0.96 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx Mostly Cloudy	Wx Overcast	Wx Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~17 mi.	Vis. ~17 mi.	Vis. 25 mi.	

$$\bar{T} = 55$$

$$HDD = 10$$

$$CDD = 0$$

$$\Sigma HDD = 2.18$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 1.69''$$

$$T_{DAVIS} = 56/53$$

$$T_{WV} = 54/50$$

$$T_d = PM$$

$$T_w = PM$$

$$Gauge_2 = 0.99''$$

$$\Sigma Gauge_2 = 1.74''$$

Thursday, 19 October, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
63 °F	-	74.5 °F				
Min.	Vel.	Read.				
50 °F	0 m.p.h.	28.68 in.				
Set	Char.	Corr.				
53 °F	calm	28.55 in.				
			0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
98 %	- mi.	29.89 in.	$\frac{10}{10}$ St	$\frac{4}{10}$ AC AS	$\frac{10}{10}$ N ₃	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	-0.3 mb	Continued* cloudiness	Partly H ₂ M. Clear	Rain	
Ppn. Sol.	Snow Depth	Observer	Vis.*	Vis.	Vis.	
0.0 in.	0 in.	AGM	10 mi.	25 mi.	24 mi.	

* Base of Nittany Mt, Lement, Penns Valley,
and Tussey Mt, to SE obscured by - Fog at 0700.



$\bar{T} = 57^\circ$
HDD = 8
 $\Sigma \text{HDD} = 226$

$T_{\text{DAVIS}} = 52.7^\circ / 52.7^\circ$
 $T_{\text{UNV}} = 52^\circ / 50^\circ$
 $T_{\text{KPSU}} = \text{M/M}$

$T_w = 52.8^\circ$
 $T_D = 52.5^\circ$

$\Sigma \text{PCN}_E = 1.69''$

$\text{PCN}_{G2} = 0.00''$
 $\Sigma \text{PCN}_{G2} = 1.74''$

Friday, October 20, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. ENE	Temp 74 °F		-TSVC 1830-1930 LT	-RA-0603-0730	
Min. 48 °F	Vel. 3 m.p.h.	Read. 28.29 in.		RA/IRA 1930-2042 LT	-070730-0805	
Set 47 °F	Char. Gusty	Corr. 28.16 in.		-RA/RA 2042-2127	*NEW RECORD	
				RA/IRA 2127-2247	(OLD = 1.47)	
				-RA/RA 2247-0153 LT	1996	
				-RA/RA 0544-0603		
				0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.49 in.	Clds. ^{NS} 10/10	Clds. ^{Sc} 10/10	Clds. ^{As} 7/10	Clds. ^{Sc} —
Ppn. Liq. 2.31* in.	Prev. Dir. —	3 hr. Tend. -2.0 mb	Wx Overcast w/ Fog	Wx Overcast	Wx Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~2 mi.	Vis. ~20 mi.	Vis. 25 mi.	

$\bar{T} = 61$
HDD = 4
CDD = 0
 $\Sigma \text{HDD} = 230$
 $\Sigma \text{CDD} = 0$
 $\Sigma \text{PCW} = 4.00''$

$\bar{T}_{\text{DAVS}} = 49/49$
 $T_{\text{DAVS}} = 48/46$

$T_d = 17$
 $T_o = 17$

Gauge₂ = 2.29"
 $\Sigma \text{Gauge}_2 = 4.03''$

Saturday October 21, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. W	Temp 73 °F	+RA 06L RA 0800-0928 -RA 1017-1144			
Min. 42 °F	Vel. 5 m.p.h.	Read. 29.07 in.				
Set 43 °F	Char. Lght	Corr. 29.19 in.	0700	1300	1900	
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.49 in.	Clds. ^{Sc} 10 ^{Ac} 10	Clds.	Clds. 0%	
Ppn. Liq. 0.22 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx Cloudy	Wx	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{Y} = 46$$

$$H00 = 19$$

$$C00 = 0$$

$$\sum H00 = 2.49$$

$$\sum C00 = 0$$

$$\sum PCU = 4.22''$$

$$T_{Davis} = 43/38$$

$$T_{UV} = 43/34$$

$$T_{U} =$$

$$T_{V} =$$

$$G_{avg} = 0.21''$$

$$\sum G_{avg} = 4.24''$$

Sunday October 22, 2006
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. —	Temp 74 °F				
Min. 38 °F	Vel. 0 m.p.h.	Read. 28.78 in.				
Set 45 °F	Char. Calm	Corr. 28.65 in.	0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 7/10 AC	Clds.	Clds. 4/10 As	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx H. Cloudy	Wx	Wx Skies clearing	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 47$$

$$HDD = 18$$

$$CDD = 0$$

$$\Sigma HDD = 267$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 4.22''$$

$$\bar{T}_{DAYS} = 47/38$$

$$TUNY = 4.1/36$$

$$T_N = 42$$

$$T_D = 39$$

$$G_2: 0.00''$$

$$\Sigma G_2: 4.24''$$

Monday, 23 October, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. W	Temp 73 °F	1450-1730LT: OCNL -RA/RA/-DZ 220-320LT: -RA/OCNL RA 540-600LT: -RA		
Min.	38 °F	Vel. 9 m.p.h.	Read. 28.66 in.			
Set	38 °F	Char. steady	Corr. 28.54 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 8/10 Sc, Ax	Clds. 9/10 Sc, Nc	Clds. 10/10 Sc, Nc
Ppn. Liq.	0.07 in.	Prev. Dir. —	3 hr. Tend. /+0.7mb	Wx Mostly cloudy	Wx --RA/CS]	Wx --RA/CS
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. ~15 mi.	Vis. ~15 mi.

$\bar{T} = 48^\circ$
HDD = 17
 $\Sigma \text{HDD} = 284$
 $\Sigma \text{PCN}_1 = 4.29''$

$T_{\text{PAVIS}} = 38.5^\circ / 32.5^\circ$
 $T_{\text{UNV}} = 37^\circ / 30^\circ$
 $T_{\text{KPSU}} = 37^\circ / \text{M}$

$T_w = 36^\circ$
 $T_b = 32.5^\circ$

$\text{PCN}_{02} = 0.07''$
 $\Sigma \text{PCN}_{02} = 4.31''$

Tuesday, 24 October, 2006 0700 EST

Temp.			Wind			Barom.			General Obs.				
Max.		Dir.	Temp	OCNL --SH(RA/GS): 1045-2015LT (T40)									
43	°F	WNW	73	OCNL -SH SN: 2015-0715LT (0.04"UG)									
Min.		Vel.	Read.	-SH SN on Tussey Ridge to South of OBS									
33	°F	8	28.66										
		m.p.h.	in.										
Set		Char.	Corr.	0700	1300	1900							
36	°F	steady	28.54										
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds. Sx	Clds. St							
86	%	—	29.93	8 To Sc, Cu, Ns Ac	10 Ns	10/10							
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx							
0.04	in.	—	+0.3mb	Dynamic cloud patterns	Cloudy and windy	Cloudy, breezy flurries							
Ppn. Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.							
T	in.	0	AGM	~20	25	25							
		in.		mi.	mi.	mi.							

$$T = 38^\circ$$

$$HDD = 27$$

$$\Sigma HDD = 311$$

$$\Sigma PCN_L = 4.33''$$

$$\Sigma PCN_S = T$$

$$T_{DAVIS} = 36.5^\circ / 32.0^\circ$$

$$T_{LIMV} = 36^\circ / 30^\circ$$

$$T_{KPSU} = 36^\circ / 21^\circ$$

$$T_v = 34.5^\circ$$

$$T_D = 32^\circ$$

$$PCN_{62} = 0.03''$$

$$\Sigma PCN_{62} = 4.27''$$

Wednesday, October 25, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. WNW	Temp 73 °F		OCNL -SH (RA/GS/SN) 0834-1040 LT -SHSN 1040-1045 LT		
Min. 36 °F	Vel. 5 m.p.h.	Read. 28.87 in.		OCNL -SH (RA/SN) 1200-1238 OCNL -SH (RA/SN) 1546-1641, 1943-2015 LT -DZ ~ 2040 LT 23.37 - 0026 LT		
Set 37 °F	Char. Gusty	Corr. 28.75 in.		0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.15 in.		Clds. Sc 5/10 Cu As	Clds. Sc 7/10 Cu	Clds. Sc, Cs 3/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.3 mb		Wx Partly Cloudy, breezy	Wx Mostly Cloudy	Wx SKres breaking
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MLS		Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$T = 39$
 $HDD = 26$
 $CDD = 0$
 $\Sigma HDD = 337$
 $\Sigma CDD = 0$
 $\Sigma PCU_L = 4.33''$
 $\Sigma PCU_S = T$

$T_{DAVES} = 38/32$
 $T_{DAVE} = 37/28$

$\bar{H} = 62$
 $T_D = 177$

$Gauge_2 = T$
 $\Sigma Gauge_2 = 4.27''$

Thursday, 26 October, 2006 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	OCNL -- SH RA: 1230-1300, 1715-1930LT			
47 °F	N	73 °F				
Min.	Vel.	Read.				
37* °F	3 m.p.h.	29.02 in.				
Set	Char.	Corr.	*Overnight low = 38°			
38 °F	light	28.90 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds. Ci	Clds. Ac	
70 %	— mi.	30.30 in.	$\frac{10}{10}$ St, Cs	$\frac{2}{10}$ Cu Cs	$\frac{6}{10}$ Cs As	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx Partly	Wx	
T in.	—	/+0.4 mb	Overcast	Sunnyd	Mostly cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	25 mi.	25 mi.	



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

$$HDD = 23$$

$$\Sigma HDD = 360$$

$$\Sigma PCN_L = 4.33''$$

$$\Sigma PCN_S = T$$

$$T_{DAVIS} = 39.5^\circ / 29^\circ$$

$$T_{UMY} = 37^\circ / 23^\circ$$

$$T_{KPSU} = 37^\circ / M$$

$$T_v = 34.5^\circ$$

$$T_0 = 29.0^\circ$$

$$PCN_{q2} = T$$

$$\Sigma PCN_{q2} = 4.27''$$

Friday, October 27, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. ENE	Temp 73 °F				
Min. 37 °F	Vel. 4 m.p.h.	Read. 28.96 in.				
Set 39 °F	Char. Variable	Corr. 28.78 in.				
			0700	1300	1900	
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. St 10/0	Clds. St 10/10 As	Clds. Ms 10/10	
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. -0.4 mb	Wx Overcast	Wx Cloudy	Wx Rain	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. ~17 mi.	

$\Sigma W = 114$

$FDD = 21$

$CDD = 0$

$\Sigma HDD = 381$

$\Sigma CDD = 0$

$\Sigma PCU = 4.33'$

$\Sigma PCNS = T$

$T_{DAVIS} = 30/20$

$T_{CALV} = 31/27$

$T_a = 17$

$T_w = 17$

$Gauge_2 = 0.00''$
 $\Sigma Gauge_3 = 4.27''$

Saturday October 28, 2006

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. SW	Temp 74 °F	-RA 1634-2219 RA, OCLL + RA 2220-0713			
Min. 39* °F	Vel. 2 m.p.h.	Read. 28.48 in.	* CWS LOW Y2, TEMP. ROSE OUT.			
Set 47 °F	Char. Light	Corr. 28.35 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 29.62 in.	Clds. $\frac{10}{10}$ SC	Clds.	Clds. $\frac{9}{10}$ NS SC	
Ppn. Liq. 0.78 in.	Prev. Dir. —	3 hr. Tend. -0.4 mb	Wx Fog, cloudy	Wx	Wx RA + WIND RA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. ~17 mi.	Vis. mi.	Vis. 17 mi.	

$$\bar{T} = 44$$

$$HDD = 81$$

$$CDD = 0$$

$$\Sigma HDD = 402$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_L = 5.11$$

$$\Sigma PCW_S = T$$

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

$$T_{UV} = 45/45$$

$$T_w = -$$

$$T_s = -$$

$$G_{avg} = 0.78$$

$$\Sigma G_{avg} = 5.05$$

Sunday, October 29, 2006 0700 EST Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. SW	Temp 72 °F	Read. 29.52 in.	OCLL - DZ 1220 - 1340 LT - SHCA 1540 - 1600 LT - SHCA 1820 - 1900 LT - SHCA 2000 - 2020 LT - SHCA 2120 - 2300 LT - SHCA 0220 - 0300 LT - SHCA 0400 - 0420 LT		
Min. 34 °F	Vel. 11 m.p.h.	Set 37 °F		Char. Breezy	0700	1300
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 29.60 in.	Clds. 2/10 AC	Clds.	Clds. 0/10 -	
Ppn. Liq. 0.10 in.	Prev. Dir.	3 hr. Tend. +0.8 mb	Wx N. CLEAR - FC7	Wx	Wx Trans: 1 twilight	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GJP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 43$$

$$HDD = 22$$

$$CDD = 0$$

$$\Sigma HDD = 424$$

$$\Sigma CDD = 0$$

$$EPCNL = 5.21''$$

$$\Sigma ACV_s = T$$

$$T_{DAVIS} = 38/29$$

$$T_{UNK} = 37/25$$

$$T_W = 0/A$$

$$T_D = 29^*$$

* from Davis

$$G_2 = 0.10''$$

$$\Sigma G_2 = 5.15''$$

Monday, 30 October, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. WSW	Temp 73 °F	1115 - 1230 LT: A few sprinkles mixed with a couple wet flakes at times.			
Min. 36* °F	Vel. 1 m.p.h.	Read. 28.91 in.				
Set 38 °F	Char. ~ calm	Corr. 28.79 in.				
R.H. 59 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	0700 Clds. 0/10 —	1300 Clds. 0/10 —	1900 Clds. 0/10 Few Ci in West horizon	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.9 mb	Wx Clear + Calm	Wx Abundant sunshine	Wx Clear. a few	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	



$\bar{T} = 42^\circ$
HDD = 23
 $\Sigma \text{HDD} = 447$

$\Sigma \text{PCN}_i = 5.21''$
 $\Sigma \text{PCN}_s = T$

$T_{\text{DAVIS}} = 59.5^\circ / 24.5^\circ$
 $T_{\text{UNV}} = 37^\circ / 21^\circ$
 $T_{\text{KPSU}} = 28^\circ / 19^\circ$

$T_{\text{VB}} = 33^\circ$
 $T_{\text{SP}} = 25^\circ$

$\text{PCN}_{62} = T$
 $\Sigma \text{PCN}_{62} = 5.15''$

Tuesday, 31 October, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
66 °F	-	73.5 °F				
Min.	Vel.	Read.				
36 °F	0 m.p.h.	28.92 in.				
Set	Char.	Corr.	* Overnight low = 42°			
42 °F	calm	28.70 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds. A _c C _s	Clds. St	
83 %	- mi.	30.08 in.	1/10 ci	6/10 Contrasts	10/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx Partly Sunny, Breezy	Wx Overcast	
0.00 in.	-	^-0.4 mb	M. Clear			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AGM	25 mi.	25 mi.	~25 mi.	

$\bar{T} = 51^\circ$
HDD = 14
 $\Sigma \text{HDD} = 461$

$T_{\text{DAVIS}} = 46^\circ/41^\circ$
 $T_{\text{UNV}} = 41^\circ/36^\circ$
 $T_{\text{KPSU}} = 36^\circ/28^\circ$

$T_{\text{WB}} = 41.5^\circ$
 $T_{\text{eo}} = 41^\circ$

$\Sigma \text{PCN}_1 = 5.21''$
 $\Sigma \text{PCN}_5 = T$

OCT. TEMP'S.
 $\bar{T}_{\text{MAX}} = 58.9^\circ \text{F}$
 $\bar{T}_{\text{MIN}} = 41.0$
 $\bar{T}_{\text{OCT}} = 49.95$

$\text{PCN}_{42} = 0.00''$
 $\Sigma \text{PCN}_{42} = 5.15''$