

Ves Day April 1, 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. SSW	Temp 75 °F	-RA/OZ: 0815 - 1030 LT			
Min. 40 °F	Vel. 7 m.p.h.	Read. 28.80 in.				
Set 56 °F	Char. Light	Corr. 28.67 in.	*Overnight Low: 53			
			0700	1300	1900	
R.H. 94 %	24 hr. Mov. / mi.	Sea L. 30.01 in.	Clds. 7/10 Sc	Clds. S+ 9/10 NS	Clds. NS 10/10	
Ppn. 7 in.	Liq. / in.	Prev. Dir. /	3 hr. Tend. -1.0 mb	Wx M. Cloudy	Wx M. Cloudy	Wx Rain
Ppn. 0.0 in.	Sol. / in.	Snow Depth 0 in.	Observer PMV	Vis. ~25 mi.	Vis. 25 mi.	Vis. ~5 mi.

F: 48
HDD: 17
COD: 0
EADD: 17
ECOD: 0

T DAVIS: 55/53
UW: 55/50
MMS: 55/38/55

TW: 55
Td: 57

EPN₂: T
EPPN₂: 0.0"

PCN₂: T
EPCN₂: T

Wednesday April 2, 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F		Dir. NW	Temp 73 °F	1500-1600 LT: occasional - RA		
Min. 34 °F		Vel. 7 m.p.h.	Read. 29.18 in.	1800-1915 LT: RA/+RA		
Set 34 °F		Char. steady	Corr. 29.06 in.	0700	1300	1900
R.H. 61 %		24 hr. Mov. — mi.	Sea L. 30.47 in.	Clds. Sc 9/10	Clds. Cw 1/10	Clds. Sc 1/10
Ppn. Liq. 0.11 in.		Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx m. cloudy	Wx M. SUNNY	Wx m. clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} : 52
HDD: 13
 Σ HDD: 30
CDD: 0
 Σ CDD: 0

T_{max} : 34/22
 T_{min} : 34/19
MMTS: 69/32/33

T_w : 30
 T_d : 22

Σ PCN_L: 0.11"
 Σ PCN_S: 0.0"

PCN_{6,3}: 0.11"
 Σ PCN_{6,2}: 0.11"

Thursday, 3 April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
47 °F	E	73 °F				
Min.	Vel.	Read.				
27 °F	3 m.p.h.	29.29 in.				
Set	Char.	Corr.				
28 °F	Steady	29.16 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
61 %	— mi.	30.60 in.	1/10 ci	10/10 cs		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.1 mb	m. sunny	overcast		
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	25 mi.	~25 mi.	mi.	

F: 37
HDD: 28
EHDD: 58
CDD: 0
ECDD: 0

DAVIS: 28/17
TUNU: 28/18
MPTS: 46/26/27

TW: —
TCL: 18

ϵPCN_1 : 0.11"
 ϵPCN_2 : 0.0"

$PCN_{0.3}$: 0.00"
 $\epsilon PCN_{0.3}$: 0.11"

Friday 4 April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 49 °F	Dir. SSE	Temp 73 °F	2015-0430LT: -SHRA, dz 0700-0759LT: -SHRA			
Min. 28* °F	Vel. 3 m.p.h.	Read. 28.76 in.	*Overnight Low = 38			
Set 38 °F	Char. steady	Corr. 28.63 in.				
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	0700	1300	1900	
Ppn. Liq. 0.08 in.	Prev. Dir. —	3 hr. Tend. L -1.5mb	Clds. 10/10 Ns	Clds.	Clds. SE 10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Wx Light Rain	Wx	Wx Cloudy	
			Vis. 2 mi.	Vis. mi.	Vis. 25 mi.	

$$\begin{aligned}\bar{T} &= 39 \\ \text{HDD} &= 26 \\ \sum \text{HDD} &= 84 \\ \text{CDD} &= 0 \\ \sum \text{CDD} &= 0\end{aligned}$$

$$\begin{aligned}T_{\text{DAVIS}} &= 37/37 \\ T_{\text{UNV}} &= 37/36 \\ \text{MMTS} &= 48/27/37\end{aligned}$$

$$\begin{aligned}\bar{T}_W &= - \\ T_D &= 37\end{aligned}$$

$$\begin{aligned}\sum \text{PCN}_L &= 0.19'' \\ \sum \text{PCN}_S &= 0.0''\end{aligned}$$

$$\begin{aligned}\text{PCN}_{G2} &= 0.09'' \\ \sum \text{PCN}_{G2} &= 0.20''\end{aligned}$$

Saturday April 5, 2008 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F	Dir. NW	Temp 74 °F	-RA 0800 - 1400 -RA 2340 - 0340			
Min. 38 °F	Vel. 6 m.p.h.	Read. 29.74 in.	ROUUT LOW = 40			
Set 40 °F	Char. Light	Corr. 29.52 in.	0700	1300	1900	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. 10 St 10	Clds.	Clds. 2/10 Ci 6	
Ppn. Liq. 0.30 in.	Prev. Dir. —	3 hr. Tend. / + 2 mb	Wx Cloudy	Wx	Wx M. Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

F=46
HDP=19
COP=0
EHDP=103
ECOP=0
 $\Sigma PCW_1 = 0.49''$
 $\Sigma PCW_2 = 0.0''$

T₀₄₀₁₅ = 40/36
T₀₄₀₁₂ = 39/32
AMTS = 50/36/39

T_w =
T_d = 39

Gauget = 0.30''
 Σ Gauget = 0.50''

Sunday 6 April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. ENE	Temp 73 °F	Overnight low. 48		
Min.	40 °F	Vel. 3 m.p.h.	Read. 28.89 in.			
Set	41 °F	Char. Steady	Corr. -0.76 in.			
R.H.	67 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.7 mb	Clds. SE 7/10 Sc Ci	Clds.	Clds. Ci 1/10
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer ADB	Wx M. Cloudy	Wx	Wx M. Clear
				Vis. 25 mi.	Vis. mi.	Vis. ~25 mi.

T: 47

HDD: 18

Σ HDD: 121

CDD: 0

Σ CDD: 0

Σ PCN_L: 0.49"

Σ PCN_S: 0.0"

Time: 42/35

Time: 41/32

Time: 52/37/40

Tw: 37

Td: 31

PCN₀: 0.00"

Σ PCN₀: 0.50"

Monday 7 April 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F		Dir. SE	Temp 74 °F			
Min. 40 °F		Vel. 4 m.p.h.	Read. 29.01 in.			
Set 42 °F		Char. Light	Corr. 28.88 in.	0700	1300	1900
R.H. 89 %		24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. St 10/10 Sc	Clds. 10/10 St	Clds. 10/10 Sc
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Overcast	Wx Overcast	Wx Overcast
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer PMV	Vis. ~10 mi.	Vis. ~25 mi.	Vis. 25 mi.

T. 50
HDD. 15
CDD 0
CHD 136
ECDD. 0

TDAVES. 42/39
TUNV. 41/36
MMTS. 57/40/41

Tm 40
T_h 43

EPCN₂: 0.49"
EPCN₃ 0.0"

PCN₂ - 0.0"
EPCN₂ - 0.50"

Tuesday 8 April 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
77 °F	SSE	74 °F				
Min.	Vel.	Read.				
42 °F	0 m.p.h.	29.14 in.				
Set	Char.	Corr.	Overnight low 43			
43 °F	Calm	29.00 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. Sc	
96 %	— mi.	30.41 in.	10/10 St		8/10 St	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.6 mb	overcast		m. cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	A0B	~ 8 mi.		mi.	~ 20 mi.

\bar{T} : 45
HDD: 20
 Σ HDD: 156
COD: 0
 Σ COD: 0

Trans: 42/40
Turn: 43/37
mmms: 45/41/42

Td: 41
Tw: 40

ϵPCN_L : 0.49"
 ϵPCN_S : 0.0"

PCN_B : 0.00
 ϵPCN_{L2} : 0.50"

Wednesday April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F		Dir. SSW	Temp 76 °F			
Min. 43* °F		Vel. 9 m.p.h.	Read. 29.02 in.			
Set 50 °F		Char. variable	Corr. 28.89 in.	*overnight low = 49° F		
				0700	1300	1900
R.H. 84 %		24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. ^{10/10} St SL	Clds.	Clds. 2/10 St
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +0.8 mb	Wx overcast	Wx	Wx M. clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JCT	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

T: 51

HDD: 14

Σ HDD: 170

CDD: 0

Σ CDD: 0

T_{DMAS} = 49/45

T_{UNL} = 48/43

APATS: 56/42/48

T: 47

T: 45

Σ PCN₂: 0.49"

Σ PCN₃: 0.0"

PCN₆: 0.00"

Σ PCN₃: 0.50"

Thursday 10 April 2008 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp	Occ 1 RA - SHRA 1500LT - 1900LT				
61 °F	WSW	76 °F					
Min.	Vel.	Read.					
43 °F	0 m.p.h.	29.08 in.					
Set	Char.	Corr.		0700	1300	1900	
44 °F	Calm	28.94 in.					
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
86 %	— mi.	30.33 in.	1/10 Ci Centrals	1/10 Ci			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
T in.	—	+1.8 mb	Sunny	SUNNY			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0.0 in.	0 in.	AOB	25 mi.	25 mi.			

F: 52
HDD: 13
 Σ HDD: 183
CDD: 0
 Σ CDD: 0

TOAvis: 45/40
Tunv 46/37
minTS: 59/42/44

T_w: 41
T_d: 39

Σ PCN_L: 0.49"
 Σ PCN_S: 0.0"

PCN_G: T
 Σ PCN_G: 0.50"

Friday 11 April 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. —	Temp 76 °F				
Min. 44* °F	Vel. 0 m.p.h.	Read. 28.79 in.				
Set 56 °F	Char. Calm	Corr. 26.65 in.	*Overnight Low = 56			
						0700
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. Ci 5/10	Clds. As	Clds. Ns 10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. L -.5 mb	Wx P. Cloudy	Wx	Wx Light Rain	
Ppn. Sol. / in.	Snow Depth / in.	Observer JMZ	Vis. 20 mi.	Vis. mi.	Vis. ~17 mi.	

$\bar{T} = 57$
HDD: 8
 $\Sigma \text{HDD} = 191$
CDD = 0
 $\Sigma \text{CDD} = 0$

$T_{\text{DAVIS}} = 57/46$
 $T_{\text{UNV}} = 54/41$
 $\text{MMTS} = 68/41/54$

$T_W = -$
 $T_D = 44$

= SLWW

$\Sigma \text{PCN}_L = 0.49''$

$\Sigma \text{PCN}_J = 0.0''$

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

$\Sigma \text{PCN}_{62} = 0.50''$

Saturday April 12, 1958

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	68 °F		Dir.	UW		Temp	75 °F		RA OCCL RA 1540 - 1800 TSRA 1930 - 2200		
Min.	53 °F		Vel.	4 m.p.h.		Read.	29.28 in.				
Set	53 °F		Char.	Light		Corr.	29.03 in.				
R.H.	77 %		24 hr. Mov.	— mi.		Sea L.	30.05 in.		0700	1300	1900
Ppn. Liq.	0.33 in.		Prev. Dir.	—		3 hr. Tend.	1.1 mb		Clds. Cu 6 10	Clds.	Clds. 5/10 Ac Sc
Ppn. Sol.	0.0 in.		Snow Depth	0 in.		Observer	AK		Wx mostly cloudy	Wx	Wx Milky
									Vis.	Vis.	Vis.
									25 mi.	mi.	25 mi.

$$F = 101$$

$$HDD = 4$$

$$CDD = 0$$

$$\Sigma HDD = 195$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_b = 0.0''$$

$$\Sigma PCW_c = 0.82''$$

$$T_{Davis} = 53/41$$

$$T_{UW} = 52/43$$

$$MTS = 65/52/53$$

$$T_p = 51$$

$$G_{unget} = 0.43''$$

$$\Sigma G_{unget} = 0.83''$$

Sunday April 13, 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. W	Temp 75 °F	0000 - 02:0600 LT - 0h			
Min. 34 °F	Vel. 7 m.p.h.	Read. 28.72 in.				
Set 34 °F	Char. light	Corr. 28.59 in.	0700	1300	1900	
R.H. 88 %	24 hr. Mov. / mi.	Sea L. 29.96 in.	Clds. w/10 Ns	Clds.	Clds. 2/10 Sc	
Ppn. Liq. T in.	Prev. Dir. /	3 hr. Tend. +1.2 mb	Wx Overcast w/ light drizzle	Wx	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PMV	Vis. ~25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 52$
HDD = 13
CDD = 0
EHDD = 208
ECDD = 0

T_{DAVES}: 39/36
T_{JUNV}: 39/32
MINTS: 63/39/39

T₀: 40
T_w: 37

EPCN₅: 0.0"
EPCN_L: 0.82"

PCN₂: T
EPCN₂: 0.83"

Monday April 14, 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 47 °F	Dir. N	Temp 73 °F	* 1430-1900 LT: occasional -RA/-DZ			
Min. 33 °F	Vel. 1 m.p.h.	Read. 28.86 in.	1900-1930 LT: -DZ/graupel			
Set 34 °F	Char. light	Corr. 28.74 in.	* Obs. 1930 LT: -DZ			
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. Ci 1/10 contrails	Clds. Ci 1/10 Ci	Clds. 1/10	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +1.3 mb	Wx M. Sunny	Wx M Sunny	Wx Clear	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}: 40$

HDD: 25

Σ HDD: 233

CDD: 0

Σ CDD: 0

$T_{\text{DAYS}}: 34/24$

$T_{\text{WEEK}}: 36/21$

MMTS: 45/31/33

$T_0: -$

$T_d: 24$

$\Sigma PCN_s: 0.86''$

$\Sigma PCN_L: T$

$PCN_{0.5}: 0.04''$

$\Sigma PCN_{0.2}: 0.87''$

Tuesday 15 April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. N	Temp 74 °F			
Min.	28 °F	Vel. 0 m.p.h.	Read. 29.08 in.			
Set	32 °F	Char. calm	Corr. 28.95 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. 9/10	Clds. 0/10	Clds. 0/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +2.1 mb	Wx Sunny!	Wx Lots o' Sun	Wx Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 40
HDD: 25
ΣHDD: 258
CDD: 0
ΣCDD: 0

T DAVIS: 35/24
T JNV: 30/23
H HMTS: 50/28/32

TW = -
T_D = 24

Σ PCN_L: 0.86"
Σ PCN_S: T

PCN₆₂: 0.00"
Σ PCN₆₂: 0.87"

Tuesday 15 April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WSW	Temp 74 °F				
Min. 32* °F	Vel. 0 m.p.h.	Read. 29.21 in.				
Set 36 °F	Char. Calm	Corr. 29.08 in.	* Overnight low, 36			
			0700	1300	1900	
R.H. 55 %	24 hr. Mov. — mi.	Sea L. 30.79 in.	Clds. 0/10	Clds. 2/10 C.	Clds. 2/10 C.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	Wx Sunny	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PMV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 46
HDD: 20
CDD: 0
E HDD: 277
E CDD: 0

T_{OLVES}: 34/23
T_{UVV}: 36/25
MMTS: 57132437

T_w: -
T_d: 23

ϵ_{PCN_2} 0.86"
 ϵ_{PCN_3} T

ϵ_{PCN_2} 0.00"
 ϵ_{PCN_2} 0.87"

Thursday 17 April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F		Dir. S	Temp 75 °F			
Min. 36* °F		Vel. 2 m.p.h.	Read. 29.11 in.			
Set 45 °F		Char. Very light	Corr. 28.98 in.	*Overnight low: 47		
				0700	1300	1900
R.H. 52 %		24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. 0/10	Clds. 1/10 Ci	Clds. 4/10 Ci
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Sunny	Wx Sunny	Wx
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer PMJ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F: 52
HDD: 3
LOD: 0
EHDD: 290
ECPD: 0

T DAVIS: 47/29
T UNV: 43/30
MMTS: 67/37/45

Tw: 40
Td: 47

EPCN₂: 0.86"
EPCN₃: T

PCN₂: 0.00"
EPCN₂: 0.87"

Friday 18 April 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. 0	Temp 78 °F				
Min. 45* °F	Vel. 0 m.p.h.	Read. 28.91 in.				
Set 54 °F	Char. Calm	Corr. 28.77 in.	* Overnight low 51			
			0700	1300	1900	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 0/10	Clds. 0/10	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx Sunny	Wx Abundant Sunshine	Wx Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AMM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\sum \text{HDD} = 2$

$\text{HDD} = 3$

$\text{CDD} = 0$

$\sum \text{HDD} = 293$

$\sum \text{CDD} = 0$

MMTS: 77/45/54

$T_w = 48$

$T_D = 44$

$T_{\text{Davis}} = 57/47$

$T_{\text{unw}} = 52/36$

$\sum \text{PCN}_L = 0.86''$

$\sum \text{PCN}_S = T$

$\text{PCN}_{GL} = 0.02''$

$\sum \text{PCN}_{GL} = 0.87''$

Saturday April 19, 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. SE	Temp 80 °F				
Min. 51 °F	Vel. 1 m.p.h.	Read. 29.44 in.				
Set 54 °F	Char. Light	Corr. 29.01 in.	0700	1300	1900	
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. Ci 10	Clds.	Clds. Ci 10	
Ppn. Liq. 0.00 in.	Prev. Dir. ←	3 hr. Tend. +1 mb	Wx Sunny	Wx	Wx McCloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. ~20 mi.	Vis. mi.	Vis. 20 mi.	

$$\begin{aligned} \bar{w} &= 57 \\ HAD &= 0 \\ CAD &= 2 \\ \Sigma HAD &= 293 \\ \Sigma CAD &= 2 \\ \Sigma PCN_s &= T \\ \Sigma PCN_L &= 0.86'' \end{aligned}$$

$$\begin{aligned} \bar{D}_{GMS} &= 57/20 \\ \bar{D}_{MVC} &= 50/39 \\ MMS &= 121.44/54 \end{aligned}$$

$$\begin{aligned} \bar{w} &= 53 \\ \bar{D} &= 49 \end{aligned}$$

$$\begin{aligned} G_{uget} &= 0.00'' \\ \Sigma G_{uget} &= 0.87'' \end{aligned}$$

Sunday April 20 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. ENE	Temp 80 °F				
Min. 54 °F	Vel. 5 m.p.h.	Read. 28.87 in.				
Set 57 °F	Char. light	Corr. 28.72 in.	Overnight low = 55			
			0700	1300	1900	
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 3005 in.	Clds. ^{As} 7/10 ^{Ac} 57	Clds.	Clds. w/10 Ns	
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. -20 mb	Wx m. cloudy	Wx	Wx L. Rain	
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer PMV	Vis. 4 mi.	Vis. mi.	Vis. 7 mi.	

$\bar{T} = 68$
HDD = 0
CDD = 3
EIHDD = 293
ECDD = 5

$\bar{T}_{DAVIS} = 58/50$
 $T_{UNV} = 57/46$
MMTS: 81/54/56

$T_w = 57$
 $T_D = 53$

$EPCN_2 = 0.86''$
 $EPCN_3 = T$

$PCN_{02} = 0.00''$
 $EPCN_{02} = 0.87''$

Monday April 21 2003

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. EIVE	Temp 80 °F	0900-1230 LT: RA, Occl 75RA 0620-0640 LT: -RA 0820-0020 LT: RA			
Min. 55 °F	Vel. 7 m.p.h.	Read. 29.01 in.				
Set 55 °F	Char. light	Corr. 28.86 in.	* Record Precip: Old 1.03 (1955)			
			0700	1300	1900	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 10/10 ST	Clds. 8/10 SC	Clds.	
Ppn. Liq. 1.12* in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Overcast	Wx M. Cloudy	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PMV	Vis. ~5 mi.	Vis. ~20 mi.	Vis. mi.	

$\bar{T} = 58$
HDD = 7
CDD = 0
E HDD = 300
E CDD = 5

$T_{\text{max}} = 56/54$
 $T_{\text{min}} = 55/52$
MMS: 58/54/55

$T_w = 55$
 $T_b = 53$

$E PCN_L = 1.98''$
 $E PCN_S = T$

$PCN_G = 1.09''$
 $E PCN_G = 1.96''$

Tuesday 22 April 2008 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
70 °F	ENE	80 °F				
Min.	Vel.	Read.				
53 °F	4 m.p.h.	29.11 in.				
Set	Char.	Corr.				
54 °F	Steady	28.96 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
77 %	— mi.	30.30 in.	7/10 SE	5/10 Cu		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	10.6 mb	M. Cloudy	P. Cloudy		
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	25 mi.	25 mi.	mi.	

T: 62

HOD: 3

ΣHOD: 303

COD: 0

ΣCOD: 5

TDAVIS: 50/50

TUNN: 52/46

MMTS: 68/51/53

TW: 50

Td: 47

ΣPCN_L: 1.98"

ΣPCN_S: T

PCN_S: 0.00"

ΣPCN_S: 1.96"

Wednesday 23 April 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. SW	Temp 75 °F			
Min.	50 °F	Vel. 0 m.p.h.	Read. 29.07 in.			
Set	54 °F	Char. calm	Corr. 28.94 in.	0700	1300	1900
R.H.	88 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. Ci 1/10	Clds. 7/10 Cu/Tc	Clds.
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx M. Sunny	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T}: 61$
HDD: 4
 $\Sigma \text{HDD}: 307$
CDD: 0
 $\Sigma \text{CDD}: 5$

$T_{\text{DAVIS}}: 56/53$
 $T_{\text{UNV}}: 54/50$
MMTS: 70/50/55

$T_{\text{W}}: -$
 $T_{\text{D}}: 50$

$\Sigma \text{PCN}_L: 1.98''$

$\Sigma \text{PCN}_S: T$

$\text{PCN}_2: 0.00''$

$\Sigma \text{PCN}_2: 1.96''$

Thursday April 24 2008 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SE	Temp 75 °F	TSHRA, 0320-0400 SHRA: ~0800-0840			
Min. 51 °F	Vel. 5 m.p.h.	Read. 29.02 in.				
Set 53 °F	Char. light	Corr. 28.89 in.	0700	1300	1900	
R.H. 44 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 9/10 - C.	Clds. 4/10 C.	Clds.	
Ppn. Liq. 0.26" in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	Wx Sunny	Wx M. Sunny	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PMV	Vis. ~25 mi.	Vis. ~25 mi.	Vis. mi.	

T: 63
HDD: 2
CDD: 0
EHDD: 309
ECDD: 5

TOWRS: 55/-
TUVV: 57/32
MMS: 74/50/52

TW: 56
T0: 46

EPCL: 2.24"
EPCNS: T

PCN₆₂: 0.25"
EPCN₆₂: 2.21"

Friday, April 25 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F		Dir. E	Temp 72 °F			
Min. 52 °F		Vel. 2 m.p.h.	Read. 28.99 in.			
Set 52 °F		Char. light	Corr. 28.87 in.	0700	1300	1900
R.H. 52 %		24 hr. Mov. mi.	Sea L. 30.23 in.	Clds. AS 7/10 Ci	Clds.	Clds. C 7/10 Cu
Ppn. Liq. 0.00 in.		Prev. Dir.	3 hr. Tend. 28.00 mb	Wx MOSTLY CLOUDY	Wx	Wx Partly Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0' in.	Observer AM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

\bar{T} : 62
ADD: 3
CDD: 0
 Σ ADD: 312
 Σ CDD: 5

T_{DAVIS} : /NA

T_w : 41

T_{unv} : 50/36

T_d : 35

MHTS: 74/50 ~~AS11~~

ΣPCN_L : 2.24

ΣPCN_S : T

PCN_{G2} : 0.00"

ΣPCN_{G2} : 2.21"

Saturday April 21st 1938 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 72 °F				
Min. 52 °F	Vel. 0 m.p.h.	Read. 29.44 in.				
Set 58 °F	Char. calm	Corr. 29.02 in.	*DOWNTOW = 58			
			0700	1300	1900	
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. $\frac{4}{10}$ ci cu	Clds.	Clds. $\frac{10}{10}$ ns cb	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -±0 mb	Wx Windy Sunny	Wx	Wx Rain	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 20 mi.	Vis. mi.	Vis. -7 mi.	

F=65
HDD=0
COD=0
 $\Sigma(HDD)=362$
 $\Sigma(COD)=5$
 $\Sigma(PCWL)=2.24'$
 $\Sigma(PCW_s)=T$

TODAYS=52/56
TUNN=54/54
MMTS=75/54/58

TW=55
FD=51

Gauges=0.00"
 Σ gauges=2.21"

Sunday April 27, 2008 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. —	Temp 70 °F	1730-1830 LT: TSBRA, +TSRA 2000-2300 LT: B+RA, TSBRA, +TSRA			
Min. 51 °F	Vel. 0 m.p.h.	Read. 29.06 in.				
Set 52 °F	Char. Colm	Corr. 28.94 in.	* New record old record 1.47 (1998)			
			0700	1300	1900	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. St $\frac{10}{10}$ Sc	Clds.	Clds. $\frac{10}{10}$ St	
Ppn. Liq. 1.69* in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Overcast	Wx	Wx Overcast	
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer PMV	Vis. ~7 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 65$
ADD = 3
CID = 1
EMD = 312
ECD = 6

$T_{DAVIS} = 53/52$
 $T_{UNV} = 60/48$
MMS: 80/51/52

$\bar{T}_v = 52$
 $T_0 = 51$

$EPCV_2 = 3.89''$
 $EPCV_3 = T$

$PCV_{e2} = 1.68''$
 $EPCV_{e2} = 3.89''$

Monday April 28, 2008

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. ESE	Temp 69 °F	0230 LT - obs. - RA, RA			
Min. 45 °F	Vel. 4 m.p.h.	Read. 28.72 in.				
Set 45 °F	Char. light	Corr. 28.60 in.	0700	1300	1900	
R.H. 96 %	24 hr. Mov. / mi.	Sea L. 29.96 in.	Clds. 10/10 Ns	Clds. 10/10 Ns	Clds. 10/10 St	
Ppn. Liq. 0.33 in.	Prev. Dir. /	3 hr. Tend. -1.0 mb	Wx light rain	Wx -RA	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PMV	Vis. ~25 mi.	Vis. mi.	Vis. 15 mi.	

T: 56

HDD: 9

CDD: 0

E HDD: 321

E CDD: 6

T DAVES: 46/45

T UNV: 45/43

MMS: 66/44/45

T W: 45

T D: 44

E PCN₂: 4.26"

E PCN₃: T

PCN₂: 0.31"

E PCN₂: 4.20"

Tuesday Apr. 29, 2008 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. NW	Temp 72 °F	0800LT-1500LT; RA-RA			
Min. 41 °F	Vel. 8 m.p.h.	Read. 28.72 in.				
Sea 41 °F	Char. Steady	Corr. 28.54 in.	0700	1300	1900	
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 10/10 ST	Clds. 4/10 Cu	Clds. 3/10 Sc	
Ppn. Liq. 0.28 in.	Prev. Dir. —	3 hr. Tend. 11.0 mb	Wx Overcast	Wx P. Cloudy	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PMV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 47
HDD: 18
CDD: 0
EADD: 339
EADD: 6

T DAVIS: 41/35
TUVV: 41/32
mmts. 51/40/40

Tw: 40
To: 37

EPCN₁: 4.54"
EPCN₂: T

PCN₁: 0.28"
EPCN₂: 4.48"

Wednesday Apr 30, 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F		Dir. WSW	Temp 74 °F			
Mjn. 37 °F		Vel. 6 m.p.h.	Read. 28.93 in.			
Set 39 °F		Char. Steady	Corr. 28.81 in.	0700	1300	1900
R.H. 65 %		24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 10 Cu	Clds. 61 CU	Clds. 3/10 Cu
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx P. Sunny	Wx P. Cloudy	Wx m. Clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JCT	Vis. 32 mi.	Vis. 25 mi.	Vis. 25 mi.

T 47

HDD 18

SHDD 357

CDD 0

EPD 6

EPCL 4.54"

EPCL T

T_{DAIS} = 38/28

T_{LOW} = 39/25

MMTS = 55/36/38

APRIL 7 1940'S

T_{MAX} = 63.6°F

T_{MIN} = 42.6°

T_{MEAN} = 53.07°

T —

T_a = 28