

Wednesday 1 May 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F	Dir. —	Temp 69 °F	12:40 pm - 1:00 pm - SHRA			
Min. 41 °F	Vel. 0 m.p.h.	Read. 28.82 in.				
Set 45 °F	Char. Calm	Corr. 28.70 in.	0700	1300	1900	
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. C <sub>u</sub> 2/10 As	Clds. C <sub>u</sub> 7/10 As	Clds. C <sub>i</sub> 10/10 C <sub>u</sub> St	
Ppn. Liq. 0.14 in.	Prev. Dir. —	3 hr. Tend. 2 / mb	Wx Haze	Wx Cool	Wx Tranquil	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAK	Vis. 20 mi.	Vis. 20 mi.	Vis. 15 mi.	

$\bar{T}: 50$

$T_{\text{Davis}}: 48^\circ/40^\circ$

$\bar{T}_{\text{W}} = 43^\circ$

HDD: 15

$T_{\text{unv}}: 46^\circ/37^\circ$

$T_d = 41^\circ$

CDD: 0

$\Sigma \text{HDD}: 15$

$\Sigma \text{CDD}: 0$

$\Sigma \text{PCN}_L: 0.14$

$\Sigma \text{PCN}_S: 0.0$

$\text{PCN}_{\text{TB}}: 0.15 \text{ in}$

$\Sigma \text{PCN}_{\text{TB}}: 0.15$

Thursday 2 May 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. S	Temp 71 °F	- RA 2250 - 2316 LT RA 0000 - 0545 LT - TS RA 0600 - 0630 LT - RA 0630 - 0730 LT *OUNT LOW 50°F		
Min. 45° °F	Vel. 2 m.p.h.	Read. 28.36 in.			
Set 53 °F	Char. Steady	Corr. 28.24 in.			
			0700	1300	1900
R.H. 93 %	24 hr. Mov. - mi.	Sea L. 29.56 in.	Clds. 10110 St	Clds.	Clds. Cu 7110
Ppn. Liq. 0.49 in.	Prev. Dir. -	3 hr. Tend. - 0 mb	Wx Damp	Wx	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JET	Vis. 15 mi.	Vis. mi.	Vis. 17 mi.

T: 54  
H00: 11  
C00: 0  
ΣH00: 26  
ΣC00: 0  
EPCN0: 0.63  
ΣPCN0: 0.0

TNAV1: 53/52  
TUNV: 52/51

TW: 52  
T0: 51

PCNTB: 0.00  
E PCNTB: 0.15



FRIDAY

3 MAY 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. WNW	Temp 70 °F			
Min.	40 °F	Vel. 20 m.p.h.	Read. 28.72 in.			
Set	43 °F	Char. G 30	Corr. 28.60 in.			
R.H.	43 %	24 hr. Mov. - mi.	Sea L. 29.97 in.			
Ppn. Liq.	0.00 in.	Prev. Dir. ✓	3 hr. Tend. +0.9 mb	Clds. 1/10 Cu	Clds. Cu 7/10	Clds. Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer DJS	Wx Cool and breezy	Wx light Breeze cool	Wx Breezy
				Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ : 60

HDD: 5

CDD: 0

$\Sigma$ HDD: 31

$\Sigma$ CDD: 0

$\Sigma$ PCNL: 0.63

$\Sigma$ PCNS: 0.0

$\bar{T}_{DAVIS}$ : 43/24

$T_{UNV}$ : 39/26

$T_w$ : 35

$T_d$ : 22

$PCNTB$ : 0.00

$\Sigma PCNTB$ : 0.15

Saturday 4 May 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	None	Temp	69 °F			
Min.	33 °F	Vel.	0 m.p.h.	Read.	29.12 in.			
Set	40 °F	Char.	Calm	Corr.	29.00 in.	0700	1300	1900
R.H.	58 %	24 hr. Mov.	M mi.	Sea L.	30.40 in.	Clds.	Clds.	Clds.
Ppn. Liq.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	12 mb	Wx	Wx	Wx
Ppn. Sol.	0.00 in.	Snow Depth	0.0 in.	Observer	JEP	Wx		
						Vis.	Vis.	Vis.
						25 mi.	mi.	20 mi.



T: 44  
HDD: ~~27~~  
CDD: 0  
EHDD: ~~52~~  
E CDD: 0  
E PCNL: 0.63  
E PCNS: 0

T Davis: 43/33  
T unv: 36/30

Tw: 52  
Td: ~~30~~

PCNTs: 0.00  
E PCNTs: 0.15



SUNDAY 5 MAY 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. -	Temp 70 °F				
Min. 39 °F	Vel. 0 m.p.h.	Read. 29.10 in.				
Set 42 °F	Char. CALM	Corr. 28.98 in.				
			0700	1300	1900	
R.H. 76 %	24 hr. Mov. - mi.	Sea L. 30.37 in.	Clds. 0/10	Clds.	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. 14.5 mb	Wx H3	Wx	Wx Clear, Calms	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.	

$$\begin{aligned}\bar{T} &= 52 \\ H_{20} &= 13 \\ C_{20} &= 0 \\ \Sigma H_{20} &= 65 \\ \Sigma C_{20} &= 0 \\ \Sigma PCN_c &= 0.63''\end{aligned}$$

$$\begin{aligned}T_{2015} &= 43/41 & T_v &= 39 \\ T_{2011} &= 45/39 & T_D &= 35\end{aligned}$$

$$\begin{aligned}PCN_{70} &= 0.00'' \\ \Sigma PCN_{70} &= 0.15''\end{aligned}$$

MONDAY 6 MAY 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.							
Max.	72 °F	Dir.	—	OVERNIGHT LOW 46°							
Min.	42 °F	Vel.	0 m.p.h.								
Set	51 °F	Char.	CALM								
R.H.	56 %	24 hr. Mov.	— mi.	Sea L.	30.36 in.	Clds. 4/10 -Cs, -ci	Clds. 10/10 CS	Clds. 10/10 AS			
Ppn.	— in.	Prev. Dir.	—	3 hr. Tend.	^ -0.1 mb	Wx	HZ	Wx	DZ		
Ppn.	— in.	Snow Depth	— in.	Observer	GMM	Vis.	25 mi.	Vis.	20 mi.	Vis.	15 mi.

$$\bar{T} = 57$$

$$HDD = 8$$

$$CDD = 0$$

$$\Sigma HDD = 73$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_c = 0.63''$$

$$T_{DAVIS} = 54/44$$

$$T_{UNV} = 52/45$$

$$T_w = 44$$

$$T_b = 36$$

$$PCN_{T_b} = 0.00''$$

$$\Sigma PCN_{T_b} = 0.15''$$

Tuesday 7 May 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	—	Temp	74 °F	Overnight low <del>67</del>		
Min.	51* °F	Vel.	0 m.p.h.	Read.	28.85 in.	1715-1830 RA		
Set	63 °F	Char.	Calm	Corr.	28.72 in.	2030-2150 RA-		
R.H.	75 %	24 hr. Mov.	— mi.	Sea L.	30.04 in.	0700	1300	1900
Ppn. Liq.	0.11 in.	Prev. Dir.	—	3 hr. Tend.	+1/— mb	Clds.	Clds.	Clds.
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	PAK	9/10 As	10/10 <del>As</del>	3/10 Ci
						Wx	Wx	Wx
						H2	H2	<del>H2</del>
						Vis.	Vis.	Vis.
						15 mi.	10 mi.	18 mi.

$$\bar{F} = 62$$

$$HDD = 3$$

$$COD = 0$$

$$\Sigma HDD = 76$$

$$\Sigma COD = 0$$

$$\Sigma PCN_c = 0.74''$$

$$T_{Davis} = 63/60$$

$$T_{unv} = 61/57$$

$$T_w = 59$$

$$T_o = 56$$

$$PCN_{TB} = 0.00''$$

$$\Sigma PCN_{TD} = 0.15''$$



$$\bar{T} = 62$$

$$HDD = 3$$

$$CDD = 0$$

$$\Sigma HDD = 79$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.75''$$

$$T_{dew} = 52/47$$

$$T_{unv} = 52/45$$

$$T_w = 44$$

$$T_d = 37$$

$$PCN_{TB} = 0.00''$$

$$\Sigma PCN_{TB} = 0.15''$$



Thurs. May 9, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SE	Temp 74 °F	* Overnight low 53 - SHRA 19:15 - 20:45 - RA 22:00 - 07:00 - TSRA ~04:00 - DZ 07:00-obs		
Min. * 51 °F	Vel. 2 m.p.h.	Read. 28.86 in.			
Set 53 °F	Char. Light	Corr. 26.73 in.			
			0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. Ns 10/10	Clds. Ns 10/10	Clds. 5 St/Cu 10
Ppn. Liq. 0.53 in.	Prev. Dir. —	3 hr. Tend. r +0.5mb	Wx -DZ Fg	Wx Haze	Wx Cool, Damp Low Clouds
Ppn. Sol. 0.0 in.	Snow Depth — in.	Observer RJM	Vis. 2 mi.	Vis. 7 mi.	Vis. 5 mi.

$$\bar{T} = 61$$

$$HDD = 4$$

$$CDD = 0$$

$$E HDD = 83$$

$$E CDD = 0$$

$$E PCN = 1.28''$$

$$T_{\text{Davis}} = 53/53$$

$$T_{\text{unv}} = 52/52$$

$$T_w = 52$$

$$T_0 = 51$$

$$PCN_B = M$$

Friday, May 10, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. W	Temp 72 °F		- SHRA 1250-1350		
Min. 51 °F	Vel. 5 m.p.h.	Read. 28.97 in.		- RA 1750-1850		
Set 53 °F	Char. light	Corr. 28.84 in.		+ RA 1850-1915		
				0700	1300	1900
R.H. 57 %	24 hr. Mov. - mi.	Sea L. 30.19 in.	Clds. St/Ci 2/10	Clds. Ci 1/10	Clds. Ci 1/10	
Ppn. Liq. 0.46 in.	Prev. Dir. -	3 hr. Tend. +2 mb	Wx mainly clear	Wx Breezy	Wx Breezy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DRH	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	

$\bar{T}: 56$

HDD: 9

CDD: 0

$\Sigma$  HDD: 92

$\Sigma$  CDD: 0

$\Sigma$  PCN<sub>c</sub>: 1.74"

T<sub>DAVES</sub>: 53/43

T<sub>UNV</sub>:

T<sub>w</sub>: 46

T<sub>o</sub>: 38

PCN<sub>tb</sub>: M

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

Saturday, May 11, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	Calm	Temp	71 °F			
Min.	44 °F	Vel.	0 m.p.h.	Read.	29.26 in.			
Set	47 °F	Char.	Calm	Corr.	29.14 in.	0700	1300	1900
R.H.	66 %	24 hr. Mov.	M mi.	Sea L.	30.53 in.	Clds.	Clds.	Clds.
Ppn.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	142 mb	Wx	Wx	Wx
Ppn.	0.00 in.	Snow Depth	0.00 in.	Observer	JEP	Vis.	Vis.	Vis.
						18 mi.	mi.	20 mi.



T: 55

HDD: 10

CDD: 0

$\Sigma$ HDD: 102

$\Sigma$ CDD: 0

$\Sigma$ PCNL: 1.74"

T<sub>DAVIS</sub>: 48/34

T<sub>UNV</sub>: 46/35

T<sub>w</sub>: 42

T<sub>D</sub>: 36

PCNTB: M

$\Sigma$ PCNTB: M

Sunday, May 12, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. Calm	Temp 72 °F	*OVRT LOW 53			
Min. *47 °F	Vel. 0 m.p.h.	Read. 28.92 in.	-SHRA 2230 LT			
Set 53 °F	Char. Calm	Corr. 28.80 in.	-SHRA 0230-0300 LT			
			0700	1300	1900	
R.H. 83 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	Clds. Sc, Cb, St 10110	Clds.	Clds. NS 1960	
Ppn. Liq. 0.29 in.	Prev. Dir. M	3 hr. Tend. -1 mb	Wx HAZE	Wx	Wx MOD RA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 15 mi.	Vis. mi.	Vis. 6 mi.	

T: 58  
HDD: 8  
CDD: 0  
 $\Sigma$  HDD: 100  
 $\Sigma$  CDD: 0  
 $\Sigma$  PCNL: 2.03

T DAVIS: 53/52  
TUNN: 54/50

TW: 51  
T<sub>D</sub>: 48

PCNTB: M  
 $\Sigma$  PCNTB: M



MONDAY MAY 13 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F		Dir. SW	Temp 74 °F	* DUNT LOW 55 * SCT SHRA 0800 - 1530 LT * +TSRA 1530 - 1615 LT * SCT SHRA 1615 - 0800 LT		
Min. 53* °F		Vel. 2 m.p.h.	Read. 28.62 in.			
Set 63 °F		Char. gentle breeze	Corr. 28.49 in.			
				0700	1300	1900
R.H. 96 %		24 hr. Mov. M mi.	Sea L. 29.80 in.	Clds. 10/10 NS, Sc	Clds. 10/10 NS, Sc	Clds. N. 9/10 Sc
Ppn. Liq. .64 in.		Prev. Dir. M	3 hr. Tend. -1.1 mb	Wx -RA	Wx -SHRA	Wx -SHRA
Ppn. Sol. 0.0 in.		Snow Depth - in.	Observer GMM	Vis. 5 mi.	Vis. 8 mi.	Vis. 5 mi.

$$\bar{T} = 60$$

$$HDD = 5$$

$$CDD = 0$$

$$\Sigma HDD = 114$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_C = 2.67$$

$$T_{DAV} = 64/64$$

$$T_{UNV} = 63/61$$

$$T_W = 63$$

$$T_D = 62$$

$$PCN_{TB} = M$$

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

Tuesday May 14, 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. W	Temp 70 °F	1700-2000 -SHRA		
Min.	44 °F	Vel. 25 m.p.h.	Read. 28.52 in.			
Set	46 °F	Char. Gusty	Corr. 28.40 in.	200 - 1100 +RA 1130 - 1130 RA		
R.H.	68 %	24 hr. Mov. - mi.	Sea L. 29.76 in.	0700 Clds. 6/10 Scu	1300 Clds. 10/10 NS	1900 Clds. 9/10 NS
Ppn. Liq.	1.64 in.	Prev. Dir. -	3 hr. Tend. -1.2 mb	Wx Cold	Wx -RA	Wx -RA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer RAK	Vis. 15 mi.	Vis. 5 mi.	Vis. 9 mi.

$$\bar{T} = 55$$

$$HDD = 10$$

$$CDD = 0$$

$$\Sigma HDD = 124$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_{\downarrow} = 4.31$$

$$T_{\text{day}} = 46/39$$

$$T_{\text{max}} = 45/37$$

$$T_w = 41^{\circ}$$

$$T_b = 36^{\circ}$$

$$PCN_{78} = 1.89''$$

$$ERV_{78} =$$

Wednesday May 15, 2002  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F	Dir. NW	Temp 70 °F	Record max 51°F Old record 52°F 1947			
Min. 41 °F	Vel. 20 m.p.h.	Read. 28.98 in.	-SHRA 10:20-10:30LT TSRA GR (pea-size) 13-13:10LT SHRA 14:00-14:30LT SHRA GR (tiny) 15:30-16:00LT SHRA 16:30-16:45, 19:40-20LT			
Set 48 °F	Char. Gusty	Corr. 28.86 in.	0700	1300	1900	
R.H. 61 %	24 hr. Mov. — mi.	Sea L. 30-23 in.	Clds. 1/10 Cu	Clds. 6/10 Cu	Clds. 2/10 Ci	
Ppn. Liq. 0.25 in.	Prev. Dir. —	3 hr. Tend. 1+5.2mb	Wx Gusty	Wx Breezy	Wx Breezy cool	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer KRV	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 58$$

$$HDD = 14$$

$$COD = 0$$

$$\sum HDD = 143$$

$$\sum COD = 0$$

$$\sum PCN_u = 4.56$$

$$T_{\text{OAV}} = 48/39$$

$$T_{\text{OAV}} = 46/35$$

$$T_w = 42$$

$$T_D = 35$$

$$PCN_{TB} = 0$$

$$\sum PCN_{TB} =$$

rust May 16 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. SW	Temp. 72 °F			
Min.	48 °F	Vel. 6 m.p.h.	Read. 28.97 in.			
Set	55 °F	Char. Light	Corr. 28.85 in.			
R.H.	73 %	24 hr. Mov. - mi.	Sea L. 30.20 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. -0.0 mb	Clds. ci 3/0 cu	Clds. cu 9/10 sc	Clds. cu 6/10 st
Ppn. Sol.	0.00 in.	Snow Depth 0.0 in.	Observer RSM	Wx clear, cool	Wx Busty	Wx warm breezy
				Vis. 20 mi.	Vis. 21 mi.	Vis. 20 mi.

$$\bar{T} = 58$$

$$HDD = 19$$

$$CDD = 0$$

$$E HDD = 162$$

$$E CDD = 0$$

$$E PCN_L = 4.56$$

$$T_{Dov} = 56/46$$

$$T_{unv} =$$

$$T_w = 40$$

$$T_D = 29$$

$$PCN_{TB} = 0$$

$$E PCN_{TB} =$$



Fri. May 17 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	76 °F	Dir.	W-SW		Temp.	- 54RA 2215-2322		
Min.	55 °F	Vel.	7 m.p.h.		Read.	28.74 in.		
Set	62 °F	Char.	light		Corr.	28.61 in.		
R.H.	77 %	24 hr. Mov.	- mi.		Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	-		3 hr. Tend.	Clds. St 9/10	Clds. SE 10/10	Clds. NS 10/10
Ppn.	0.0 in.	Snow Depth	0 in.		Observer	Wx Overcast, m. 13	Wx Overcast, windy	Wx It. Rain
						Vis. 15 mi.	Vis. 18 mi.	Vis. 5 mi.

T: 66

HDD: 0

CDD: 1

$\Sigma$  ADD: 162

$\Sigma$  COD: 1

$\Sigma$  PCN<sub>w</sub>: 4.56

T<sub>DAVIS</sub>: 61/57

T<sub>UNV</sub>:

T<sub>w</sub>: 58

T<sub>p</sub>: 55

PCN<sub>tg</sub>: 0

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

Saturday, May 18, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	69 °F	Dir.	N	Temp.	70 °F	-SHRA 1800 LT - 0800 LT		
Min.	39 °F	Vel.	7 m.p.h.	Read.	28.62 in.			
Set	39 °F	Char.	light	Corr.	28.51 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov.	M mi.	Sea L.	29.88 in.	Clds. NS	Clds.	Clds. St. Sc 9/10
Ppn.	1.09 in.	Prev. Dir.	M	3 hr. Tend.	+3 mb	Wx H. Rain	Wx	Wx 1001
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	JEP	Vis.	4 mi.	Vis. 20 mi.

$\bar{T}: 54$   
HDD: 11  
CDD: 0  
 $\Sigma$ HDD: 162  
 $\Sigma$ CDD: 1  
 $\Sigma$ PCNL: 5.65

$T_{\text{DAVIS}}: 39/39$   
 $T_{\text{UNV}}: 37/37$

$T_w: 39$   
 $T_o: 39$

$PCNTB: M$   
 $\Sigma PCNTB: M$

Sunday, 19 May 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. None	Temp. 69 °F	-SHRA 0800 LT - 0900 LT -SHRA 1700 LT - 1845 LT		
Min.	33* °F	Vel. 0 m.p.h.	Read. 28.98 in.	* REC. MIN (OLD = 35, 1973)		
Set	37 °F	Char. Calm	Corr. 28.87 in.	0700	1300	1900
R.H.	67 %	24 hr. Mov. M mi.	Sea L. 30.27 in.	Clds. Cu 5/10	Clds.	Clds. Cc / Ac - Sc 9/10
Ppn.	0.02 in.	Liq.	Prev. Dir. M	3 hr. Tend. 42 mb	Wx COOL	Wx Chilly
Ppn.	0.0 in.	Sol.	Snow Depth 0 in.	Observer JEP	Vis. 20 mi.	Vis. 20 mi.

F: 42  
HDD: 23  
CDD: 0  
 $\Sigma$ HDD: 185  
 $\Sigma$ CDD: 1  
 $\Sigma$ PENL: 5.67

T DAVIS: 38/29  
T UNV: 37/24

T W: 33  
T D: 27

PEN TB: M  
 $\Sigma$  PEN TB: M

MONDAY 20 MAY 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. CALM	Temp. 69 °F	* 33 IS RECORD MIN (OLD RECORD 34° - 1929)			
Min. 33* °F	Vel. — m.p.h.	Read. 29.04 in.				
Set 37 °F	Char. —	Corr. 28.93 in.				
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.33 in.	0700 Clds. Ag, Sc 4/10	1300 Clds. Sc 10/10	1900 Clds. Sc 4/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx HB	Wx chilly	Wx Chilly	
Ppn. Sol. — in.	Snow Depth — in.	Observer GMM	Vis. 18 mi.	Vis. 20 mi.	Vis. 20 mi. †	

F: 44

Tdavis: 41/32

Tw: 37

MDD: 2.1

Tuvv:

Tk: 32

CDD: 0

$\Sigma$ HDD: 208

$\Sigma$ CDD: 1

$\Sigma$ PCN: 5.67

PCNTD: M

$\Sigma$ PCNTD: M



Tuesday 21 May 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. Calm	Temp. 70 °F	32 is record min (old record 34-1907+Pres)			
Min. 32* °F	Vel. - m.p.h.	Read. 29.16 in.				
Set 36 °F	Char. -	Corr. 29.04 in.	0700	1300	1900	
R.H. 82 %	24 hr. Mov. - mi.	Sea L. 30.16 in.	Clds. 1/10 Sc	Clds.	Clds. 3/10 Cu	
Ppn. 0.0 in.	Liq. -	Prev. Dir. -	3 hr. Tend. +1/ mb	Wx H2	Wx clear	
Ppn. 0.0 in.	Sol. -	Snow Depth 0 in.	Observer PAK	Vis. 15 mi.	Vis. 25 mi.	

$\bar{T}: 42$   
HDD: 23  
CDD: 0  
 $\Sigma$ HDD: 229  
 $\Sigma$ CDD: 1  
 $\Sigma$ PCN<sub>2</sub>: 5.67

$T_{\text{davis}}: 38/31$   
 $T_{\text{unv}}: 36/30$

$T_w: -$   
 $T_d: 31^\circ$

PCNTB: -  
 $\Sigma$ PCNTB: M

Wednesday, May 22, 2002  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	WSW	Temp.	69 °F	*Tied Record Min 1907		
Min.	35* °F	Vel.	0 m.p.h.	Read.	29.23 in.			
Set	41 °F	Char.	calm	Corr.	29.11 in.			
R.H.	53 %	24 hr. Mov.	— mi.	Sea L.	30.51 in.	0700	1300	1900
Clds.	1/10 Ci	Clds.	2/10 Ci	Clds.	1/10 Ci			
Ppn.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+1.6 mb	Wx	Clear	Bright
Wx	clear	Wx	Bright	Wx	clear	Good Moon Visible		
Ppn.	0.0 in.	Snow Depth	0.0 in.	Observer	KRV	Vis.	23 mi.	25 mi.
Sol.						Vis.	25 mi.	25 mi.

$$\bar{T} = 47^\circ$$

$$HDD = 18$$

$$CDD = 0$$

$$\Sigma HDD = 247$$

$$\Sigma CDD = 1$$

$$\Sigma PCN_L = 5.67$$

$$T_{davis} : 42^\circ/33^\circ \quad T_w = 35^\circ$$

$$T_{ann} : 40^\circ/33^\circ \quad T_d = 25^\circ$$

$$PCN_{TB} = 0$$

$$\Sigma PCN_{TB} =$$

Thursday, May 23, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	65 °F	Dir.	SW	Temp.	70 °F						
Min.	41 °F	Vel.	0 m.p.h.	Read.	29.05 in.						
Set	46 °F	Char.	calm	Corr.	28.93 in.						
R.H.	68 %	24 hr. Mov.	- mi.	Sea L.	30.30 in.	0700	1300	1900			
Clds.	0/10	Clds.	1/10 Ci	Clds.	4/10 Ci						
Ppn.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	+0.5 mb	Wx	Lt fog cool	Wx	Nice	Wx	Warm
Ppn.	0.0 in.	Sol.	0.0 in.	Snow Depth	0.0 in.	Observer	RJM	Vis.	15 mi.	Vis.	20 mi.
Vis.	15 mi.	Vis.	20 mi.	Vis.	20 mi.						

$$\bar{T} = 53$$

$$HDD = 12$$

$$CDD = 0$$

$$EHDD = 259$$

$$ECDD = 1$$

$$\sum PCN_L = 5.67$$

$$T_{Davis} = 49/39$$

$$T_{unv} = 45/37$$

$$T_w = 44^\circ$$

$$T_d = 30^\circ$$

$$PCN_{iB} = 0$$

$$\sum PCN_{iB} =$$



$\bar{T}: 61$

HOO: 4

CDO: 0

$\Sigma HOO: 263$

$\Sigma CDO: 1$

$\Sigma PCNL: 5.67$

$T_{DAV}: 64/51$

$T_{UNV}:$

$T_w: 54$

$T_o: 47$

$PCN_{TB}: 0$

$\Sigma PCN_{TB}: M$



Saturday May 25, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	77 °F	Dir.	NE	Temp.	71 °F	-SHRA 1725-1800 LT		
Min.	48 °F	Vel.	4 m.p.h.	Read.	28.99 in.			
Set	50 °F	Char.	light	Corr.	28.87 in.			
R.H.	68 %	24 hr. Mov.	M mi.	Sea L.	30.24 in.	0700	1300	1900
Clds. Sc, St, Ac		Clds.		Clds. St		9110		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx		Wx		
0.02 in.	M	M	42 mb	Wx Cool, light breeze		Wx Haze		
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.		
0.0 in.	0 in.	0 in.	JEP	25 mi.		mi. 18 mi.		

F: 63  
HDD: 2  
CDD: 0  
 $\Sigma$  HDD: 265  
 $\Sigma$  CDD: 1  
 $\Sigma$  PCNL: 5.69

T<sub>DAVIS</sub>: 50/41  
T<sub>UNV</sub>: 46/39

T<sub>w</sub>: 44  
T<sub>d</sub>: 39

PCNTB: M  
 $\Sigma$  PCNTB: M

Sunday, May 26, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. SW	Temp. 77 °F	*OUNT LAW 61 -SHRA 0745LT-0800LT		
Min.	50 * °F	Vel. 3 m.p.h.	Read. 28.99 in.			
Set	63 °F	Char. light	Corr. 28.86 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov. M mi.	Sea L. 30.18 in.	Clds. SL, Sc 10110	Clds.	Clds. Ac, Cs 10/10
Ppn.	0.01 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx HAZE	Wx	Wx
Ppn.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 5 mi.	Vis. mi.	Vis. 12 mi.

T: 57  
HDD: 8  
CDD: 0  
 $\Sigma$ HDD: 273  
 $\Sigma$ CDD: 1  
 $\Sigma$ PCNL: 5.70

T<sub>DAVIS</sub>: 64/61  
T<sub>UNV</sub>: 63/59

T<sub>W</sub>: 60  
T<sub>D</sub>: 58

PCNTB: M  
 $\Sigma$ PCNTB: M

Monday, May 27, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. CALM	Temp. 78 °F	- SNRA 0800 - 0900		
Min.	54 °F	Vel. - m.p.h.	Read. 29.00 in.			
Set	58 °F	Char. -	Corr. 28.87 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. - mi.	Sea L. 30.23 in.	Clds. 10/10 AG, Ci, ST	Clds. 6/10 Cu, Ci	Clds. 5/10 Cu
Ppn.	0.01 in.	Prev. Dir. -	3 hr. Tend. +4.5 mb	Wx ML, HZ	Wx HZ	Wx HZ
Ppn.	0.0 in.	Snow Depth - in.	Observer GMM	Vis. 5 mi.	Vis. 10 mi.	Vis. 10 mi.

$\bar{T} = 65$

$HDD = 0$

$CDD = 0$

$\Sigma HDD = 273$

$\Sigma CDD = 1$

$\Sigma PCNL = 5.71$

$\Gamma_{DAVIS} = 59/52$

$T_{UNV} = 55/57$

$TW = 51$

$TD = 44$

$\Sigma PCNTD = M$

$\Sigma PCNTB = M$

Tuesday, May 28, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. CALM	Temp. 76 °F	*Overnight low 63° -SHRA @ 1645-1700			
Min. 66* °F	Vel. 0 m.p.h.	Read. 29.02 in.				
Set 64 °F	Char. -	Corr. 28.89 in.				
R.H. 84 %	24 hr. Mov. - mi.	Sea L. 30.23 in.	0700	1300	1900	
Clds. 5/10 ci	Clds. 4/10 St	Clds. 10/10 St				
Ppn. 0.01 in.	Liq. -	Prev. Dir. -	3 hr. Tend. +1 mb	Wx H2	Wx H2	Wx H2
Ppn. -	Sol. -	Snow Depth -	Observer PAK	Vis. 5 mi.	Vis. 5 mi.	Vis. 5 mi.

$$\bar{r} = 70$$

$$HDD = 6$$

$$CDD = 5$$

$$\Sigma HDD = 273$$

$$\Sigma CDD = 6$$

$$\Sigma PCN_L = 5.72$$

$$T_{davis} = 68/64$$

$$T_{univ} = 63/62$$

$$T_w = 61^\circ$$

$$T_D = 59^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 17$$



Wednesday, May 29, 2002

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	SSE	Temp.	77 °F	-TSRA 16:30-16:50 (LST)		
Min.	64 °F	Vel.	3 m.p.h.	Read.	28.98 in.	-SHRA 2:30-3:00 (LST)		
Set	64 °F	Char.	Light	Corr.	28.84 in.	-SHRA 4:20-4:35 (LST)		
R.H.	84 %	24 hr. Mov.	— mi.	Sea L.	39.16 in.	SHRA 5:00-6:30 (LST)		
Ppn.	0.09 in.	Prev. Dir.	—	3 hr. Tend.	+0.2 mb	0700	1300	1900
Ppn.	— in.	Snow Depth	— in.	Observer	KRV	Clds.	Clds.	Clds.
						10/10 St		9/10 St
						Wx	Wx	Wx
						+Hz		Fg
						Vis.	Vis.	Vis.
						4 mi.		4 mi.

$$F = 70$$

$$HDD = 0$$

$$CDD = 6$$

$$\Sigma HDD = 273$$

$$\Sigma CDD = 12$$

$$\Sigma PCN_L = 5.81$$

$$T_{Davis} = 64/63$$

$$T_{UNV} = 63/62$$

$$T_w = 64^\circ$$

$$T_o = 59^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 11$$

Thursday, May 30, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	77 °F	Dir.	SSW	Temp.	77 °F				
Min.	64 °F	Vel.	3 m.p.h.	Read.	28.73 in.				
Set	67 °F	Char.	Light	Corr.	20.59 in.				
R.H.	92 %	24 hr. Mov.	- mi.	Sea L.	29.87 in.	0700	1300	1900	
Ppn.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	+0.5 mb	Clds.	7/10 C	Clds.	5/10 CU
Ppn.	0.0 in.	Snow Depth	0.0 in.	Observer	RJM	Wx	+HZ/FG	Wx	-HZ
				Vis.	4 mi.	Wx	-HZ	Wx	FG
				Vis.	10 mi.	Vis.	10 mi.	Vis.	5 mi.

$$\bar{T} = 71$$

$$HDD = 0$$

$$LDD = 6$$

$$EHDD = 273$$

$$EEDD = 18$$

$$E PCN_1 = 5.81$$

$$T_{Daus} = 68/64$$

$$T_{unv} = 66/60$$

$$T_w = 65^\circ$$

$$T_o = 60^\circ$$

$$PCN_{TB} = 0.00$$

$$E PCN_{TB} = M$$

Friday, May 31, 2002

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. WSW	Temp. 82 °F	+TSRA 0600-1700 TSRA 1815-1830			
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.74 in.				
Set 63 °F	Char. light	Corr. 28.59 in.				
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	0700 Clds. s+l/ci 6/10	1300 Clds. 8/10 Cu	1900 Clds. 8/10 Ci, Ac 9/10	
Ppn. 0.64 in.	Liq. —	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx Hz, mild	Wx Hz, gusty	Wx Haze
Ppn. 0.0 in.	Sol. —	Snow Depth 0 in.	Observer DRH	Vis. 5 mi.	Vis. 10 mi.	Vis. 18 mi.

$\bar{T}: 73$

$T_{DAVES}: 63/63$

$T_w: 61$

$H_{DO}: 0$

$T_{UVV}:$

$T_p: 60$

$COO: 8$

$\Sigma H_{DO}: 2.73$

$\Sigma COO: 26$

$\Sigma PCN_L: 6.45''$

$PCN_{rs}: 0.56$

$\Sigma PCN_{ro}: 0.56$