

Saturday, March 1, 2003  
0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. —	Temp 74 °F	-Sn 0700-1100 LT OCCNL		
Min. 25 °F	Vel. 0 m.p.h.	Read. 28.916 in.	-Sn 1230- <del>0400</del> LT OCCNL		
Set 29 °F	Char. Calm	Corr. 28.83 in.	-Sn 0540-OBS LT OCCNL		
R.H. 89 %	24 hr. Mov. M mi.	Sea L. 30.25 in.	0700	1300	1900
Ppn. T in.	Prev. Dir. M	3 hr. Tend. Steady mb	Clds. 10/10 NS	Clds.	Clds. 10/10 NS
Ppn. Sol. T in.	Snow Depth 6 in.	Observer JEP	Wx	Wx	Wx -FR DZ 30
			Vis. 1 mi.	Vis.	Vis. 2 mi.

HDD: 36  
COD: 0  
 $\Sigma$ HDD: 36  
 $\Sigma$ COD: 0  
 $\Sigma$ PCNs: T  
 $\Sigma$ PCNs: T

T DAVIS: 29/26  
TUNN: 28/26

TW: -  
TD: 26

PCNTB: 0.00  
 $\Sigma$ PCNTB: 0.00

Sunday March 2, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	Dir.	Temp	*OVNT to 33 -SN obs - 0715 -SN 1400 - 2100 LT -RA 0600 - obs LT								
36 °F	-	74 °F									
Min.	Vel.	Read.									
29* °F	0 m.p.h.	28.53 in.									
Set	Char.	Corr.				0700	1300	1900			
34 °F	calm	28.41 in.									
R.H.	24 hr. Mov.	Sea L.				Clds.	Clds.	Clds.			
100 %	- mi.	29.82 in.				10 NS		9 to st			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.				Wx	Wx	Wx			
0.12 in.	-	-0.5 mb				-RA, Fg		Breezy			
Ppn. Sol.	Snow Depth	Observer				Vis <sub>y</sub>	Vis.	Vis.			
0.5 in.	5 in.	RSM				2 mi.	mi.	4 mi.			

$$\bar{T} = 33$$

$$HDD = 34/32$$

$$CDD = 0$$

$$\Sigma HOD = 68$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_2 = 0.12''$$

$$\Sigma PCN_3 = 0.5''$$

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

$$T_{UNV} = 33/33$$

$$T_W = 34$$

$$T_D = 34$$

$$PCN_{T_3} = 0.00$$

$$\Sigma PCN_{T_3} = 0.00$$

Monday March 3, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.		Dir.	Temp	-RA 1715 - 1800 LT -SN 2130 - 2330 LT				
40	°F	NNW	72 °F					
Min.		Vel.	Read.					
3	°F	15 m.p.h.	28.91 in.					
Set		Char.	Corr.					
3	°F	steady	28.79 in.	0700	1300	1900		
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
60	%	— mi.	30.29 in.	Clear	Clear	4/10 ci		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
T	in.	—	13.5 mb	Frigid	Cold			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
T	in.	5 in.	KRV	25 mi.	25 mi.	25 mi.		

T: 22

HDD: 43

CDD: 0

$\Sigma$ HDD: 111

$\Sigma$ CDD: 0

$\Sigma$ PCNL: 0.12

$\Sigma$ PCNs: 0.5

T<sub>Davis</sub>: 3/-8

T<sub>env</sub>: 1/-17

T<sub>w</sub>: —

T<sub>o</sub>: -8

PCN<sub>B</sub>: 0.09

$\Sigma$ PCN<sub>B</sub>: 0.00

TUESDAY MARCH 4 2002

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	* SVNT LOW 14° AT 2300 LT			
21 °F		SW	73 °F				
Min.	*	Vel.	Read.				
3 °F		2 m.p.h.	28.89 in.				
Set		Char.	Corr.	0700	1300	1900	
18 °F		STEADY	28.77 in.				
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
47 %		— mi.	30.23 in.	10/10 As	C, Ac $\frac{4}{10}$	2/10 C:	
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.		—	STEADY mb	H <sub>2</sub>	ALICE	Ce 001	
Ppn. Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.		5 in.	M.M.M.	20 mi.	25 mi.	20 mi.	

$\bar{T} = 12$   
HDD = 53  
CDD = 0  
 $\Sigma HDD = 164$   
 $\Sigma CDD = 0$   
 $\Sigma PCNL = 0.12$   
 $\Sigma PCNS = 1.5$

TDAVIS = 18/1  
TANV =

TW = -  
TD = 1

PCNTB = 0.00  
 $\Sigma PCNTB = 0.00$



Wednesday, March 5, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. NNW	Temp 74 °F	*Overnight low 34° -RA 330-600 LT			
Min. 18* °F	Vel. 1 m.p.h.	Read. 28.55 in.				
Set 34 °F	Char. STEADY	Corr. 28.42 in.	0700	1300	1900	
R.H. 88 %	24 hr. Mov. - mi.	Sea L. 29.82 in.	Clds. 7/10 As	Clds. 10/10 NS	Clds.	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. -2 mb	Wx -Fg	Wx -Ra	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 5 in.	Observer RAK	Vis. 5 mi.	Vis. 12 mi.	Vis. mi.	

$$\bar{T} = 30$$

$$HOD = 35$$

$$COD = 0$$

$$\Sigma HOD = 199$$

$$\Sigma COD = 0$$

$$\Sigma PCN_L = 0.12''$$

$$\Sigma PCN_S = 0.5''$$

$$T_{Davis} = 35/31$$

$$T_{UNV} = 30/28$$

$$T_w = -$$

$$T_d = 31^\circ$$

$$PCN_D = 0.00$$

$$\Sigma PCN_D = 0.00$$

Thursday March 6, 2003  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind		Barom.		General Obs.						
Max.	49	°F	Dir.	NE	Temp	74	°F	-RAPL 0430 - 0530 LT -FRRA PL 0530 - 0630 LT -SNPL 0630 - 0635					
Min.	30	°F	Vel.	10 m.p.h.	Read.	28.62	in.						
Set	30	°F	Char.	Gusty	Corr.	28.49	in.	0700	1300	1900			
R.H.	92	%	24 hr. Mov.	— mi.	Sea L.	29.89	in.	Clds.	10/10 NS	Clds.	10/10 NS	Clds.	1/10 cu
Ppn.	0.08	in.	Prev. Dir.	—	3 hr. Tend.	7-0.8	mb	Wx	PL-SN	Wx	-SN	Wx	cold
Ppn.	0.1	in.	Snow Depth	5 in.	Observer	KRV		Vis.	2 mi.	Vis.	1 mi.	Vis.	8 mi.

T: 40

HDD: 25

COD: 0

$\Sigma$  HDD: 224

$\Sigma$  COD: 0

$\Sigma$  PEN<sub>L</sub>: 0.29

$\Sigma$  PEN<sub>S</sub>: 0.6

T<sub>Davis</sub>: 30/28

T<sub>UV</sub>: 28/27

T<sub>w</sub>: —

T<sub>D</sub>: 28

PEN<sub>TB</sub>: 0.00

$\Sigma$  PEN<sub>TB</sub>: 0.00

Friday March 7, 2003

0700 EST

Temp.			Wind	Barom.	General Obs.					
Max.	31 °F	Dir.	-	Temp	-SAP Obs - 0715LT SN 0715-1115LT OCC +SN -SA 1115-1400LT					
Min.	9 °F	Vel.	0 m.p.h.	Read.				73 °F		
Set	9 °F	Char.	Calm	29.01 in.				28.92 in.		
R.H.	87 %	24 hr. Mov.	- mi.	Sea L.	30.40 in.	Clds.	0700	1300	1900	
Ppn. Liq.	0.37 in.	Prev. Dir.	-	3 hr. Tend.	+1.5 mb	Wx	1/10 ci	4/10 ci	2/10 ci	
Ppn. Sol.	4.4 in.	Snow Depth	9 in.	Observer	RSM	Wx	- Fog V. Heavy	Vis.	25 mi.	25 mi.
						Vis.			10 mi.	

$$\bar{T} = 20$$

$$HDD = 45$$

$$CDD = 0$$

$$\Sigma HDD = 269$$

$$ECDD = 0$$

$$E PCN_T = 0.57''$$

$$E PCN_B = 5.0''$$

$$T_{Davis} = 10/6$$

$$T_{WV} = 7/3$$

$$T_W = -$$

$$T_B = 6$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.00$$

Saturday March 8 2003 0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.		Temp	*OUNT Less 20		
36	°F	-		73 °F			
Min.		Vel.		Read.			
94	°F	0	m.p.h.	28.93	in.		
Set		Char.		Corr.	0700	1300	1900
20	°F	Calm		28.81	in.		
R.H.		24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.
100	%	-	mi.	30.26	in.	Clear	5 10 cu
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx
0.00	in.	-		140.5	mb	-Fog Valley	
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.
0.0	in.	8	in.	RJM	15	mi.	10
						mi.	mi.

$T = 23$   
 $HDD = 42$   
 $CDD = 0$   
 $\Sigma HDD = 311$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_1 = 0.57$   
 $\Sigma PCN_3 = 3.0''$

$T_{unv} = 18/15$   
 $T_{Davis} = 24/20$

$T_w = -$   
 $T_D = 20$

$PCN_{TB} = 0.00$   
 $\Sigma PCN_{TB} = 0.00$



Sunday March 9 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 49 °F	Dir. WNW	Temp 74 °F		*OVRT Low 35 - RA 0145 - 0245 LT		
Min. 20* °F	Vel. 10 m.p.h.	Read. 28.62 in.				
Set 35 °F	Char. Gusty	Corr. 28.50 in.	0700	1300	1900	
R.H. 77 %	24 hr. Mov. - mi.	Sea L. 29.90 in.	Clds. st 7 10 cu	Clds.	Clds. 3 10 cu	
Ppn. Liq. 0.01 in.	Prev. Dir. -	3 hr. Tend. /+3.5 mb	Wx Breezy	Wx	Wx Briok	
Ppn. Sol. 0.0 in.	Snow Depth 5 in.	Observer RSM	Vis. 25 mi.	Vis. mi.	Vis. 26 mi.	

$$\bar{T} = 35$$

$$HDD = 30$$

$$CDD = 0$$

$$EHDD = 341$$

$$ECDD = 0$$

$$EPCN_A = 0.58''$$

$$EPCN_B = 5.0''$$

$$T_{Oavis} = 34/27$$

$$T_{unv} = 33/26$$

$$T_w = -$$

$$T_D = 27$$

$$PCN_{T0} = 0.00$$

$$EPCN_{T0} = 0.00$$

Monday March 10, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. WNW	Temp 72 °F	-5HSN 0415 - 0445 LT		
Min.	14 °F	Vel. 10 m.p.h.	Read. 28.92 in.			
Set	14 °F	Char. Gusty	Corr. 28.80 in.			
R.H.	62 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir. —	3 hr. Tend. 13.5 mb	Clds. 5/10 Cu	Clds.	Clds. 1/10 c.
Ppn.	T in.	Snow Depth 4 in.	Observer KRV	Wx Windy	Wx	Wx cold
				Vis. 10 mi.	Vis.	Vis. 10 mi.

$\tau: 20$   
HDD: 40  
COD: 0  
 $\Sigma$ HDD: 381  
 $\Sigma$ COD: 0  
 $\Sigma$ PCNL: 0.58  
 $\Sigma$ PCNs: 5.0

Taavis: 13/3  
TUNM: 12/1

$T_w: -$   
 $T_b: 3$

PCNTB: 0.00  
 $\Sigma$ PCNTB: 0.00

Tuesday March 11, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	-SHSN 0705 - 0720 LT * Record Min Max (old record 25°F in 1934)			
24*	°F	-	74 °F				
Min.		Vel.	Read.				
13	°F	0 m.p.h.	28.95 in.				
Set		Char.	Corr.	0700	1300	1900	
13	°F	calm	28.83 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
71 %	- mi.	30.30 in.	$\frac{2}{10}$ ac		2/10		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T	in.	-	STEADY mb	-HE			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T	in.	4 in.	RJM	20 mi.	mi.	25 mi.	

$$\bar{T} = 19$$

$$HDD = 46$$

$$CDD = 0$$

$$\Sigma HDD = 427$$

$$E CDD = 0$$

$$E PCN_1 = 0.50$$

$$E PCN_3 = 5.0$$

$$T_{Davis} = 14/5$$

$$T_{unv} = 14/6$$

$$T_w = -$$

$$T_o = 5$$

$$PCN_{T_8} = 0.00$$

$$E PCN_{T_8} = 0.00$$

WEDNESDAY MARCH 12, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. SW	Temp 74 °F	* MIN. OCCURRED JUST AFTER OBS. YESTERDAY... BUNT LOW LAST NIGHT: 31.		
Min.	13* °F	Vel. 5 m.p.h.	Read. 28.80 in.			
Set	33 °F	Char. CALM	Corr. 28.68 in.			
R.H.	78 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	0700 Clds. CS, 3/10 contrails	1300 Clds.	1900 Clds. CS, AS 7/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx COOL	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth 2 in.	Observer M. M. M.	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$$\bar{T} = 26$$

$$HDD = 39$$

$$CDD = 0$$

$$\Sigma HDD = 466$$

$$\Sigma CDD = 0$$

$$\Sigma PCNL = 0.58$$

$$\Sigma PCNS = 5.0$$

$$TDAVIS = 34/24$$

$$TMNV = 32/19$$

$$TW = 29$$

$$TD = 27$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = 0.00$$



Thursday, March 13, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.	Temp	★ ONVT LOW 70°			
56 °F		N	75 °F				
Min.		Vel.	Read.				
33* °F		5 m.p.h.	28.88 in.				
Set		Char.	Corr.	0700	1300	1900	
41 °F		Steady	28.75 in.	Clds.	Clds.	Clds.	
R.H.		24 hr. Mov.	Sea L.	10/10 St			r/10 A☼
83 %		17 mi.	30.13 in.	Wx	Wx	Wx	H2
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	H2			H2
0.00 in.		M	Steady mb	Vis.	Vis.	Vis.	
Ppn. Sol.		Snow Depth	Observer	5 mi.			5 mi.
0.0 in.		1 in.	JEP				

T: 45

HDD: 20

CDD: 0

$\Sigma$ HDD: 486

$\Sigma$ CDD: 0

$\Sigma$ PNL: 0.58

$\Sigma$ PCNs: 5.0

T<sub>DAVIS</sub>: 42/38

T<sub>UNIV</sub>: 39/35

T<sub>w</sub>: 39

T<sub>D</sub>: 36

PN<sub>TB</sub>: 0.00

$\Sigma$ PN<sub>TB</sub>: 0.00

Friday, March 14, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	42 °F	Dir.	—	Temp	-SHRA 1030-1045 RA 1100-1700 O.C.N -RA		
Min.	21 °F	Vel.	0 m.p.h.	Read.	29.17 in.		
Set	21 °F	Char.	Calm	Corr.	0700	1300	1900
R.H.	71 %	24 hr. Mov.	— mi.	Sea L.	Clds.	Clds.	Clds.
Ppn. Liq.	0.35 in.	Prev. Dir.	—	3 hr. Tend.	3/10 Ci		3/10 Ci
Ppn. Sol.	0.0 in.	Snow Depth	T in.	Observer	Wx	Wx	Wx
				PAK	Sea		Nice
					Vis.	Vis.	Vis.
					25 mi.		20 mi.

T = 32

HDD = 33

COD = 0

ΣHDD = 519

ECOD = 0

ΣPCN<sub>L</sub> = 0.93"

ΣPCN<sub>S</sub> = 5.0"

T<sub>dris</sub> = 23/13

T<sub>w</sub> = —

T<sub>wvr</sub> = 19/14

T<sub>d</sub> = 13°

PCN<sub>B</sub> =

ΣPCN<sub>B</sub> =

Saturday, March 15, 2003

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.	Wind	Barom.	*Overnight low 31°		
Max. 42 °F	Dir. VSW	Temp 74 °F			
Min. 21* °F	Vel. 2 m.p.h.	Read. 29.00 in.			
Set 31 °F	Char. STEADY	Corr. 28.87 in.	0700	1300	1900
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 20.29 in.	Clds. 3/10 Hc	Clds.	Clds. Clear
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx Cxl	Wx	Wx Mild
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer PAK	Vis. 25 mi.	Vis.	Vis. 20 mi.

$T = 32$   
 $HDD = 33$   
 $CDD = 0$   
 $E HDD = 552$   
 $E CDD = 0$   
 $E PCN_L = 0.93''$   
 $E PCN_S = 5.0''$

$T_{davis} = 32/20$   
 $T_{wNY} = 28/21$

$T_w = -$   
 $T_d = 20^\circ$

$P_{CUB} = 0.00''$   
 $E_{PCUB} = 0.00''$

Sunday March 16, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. —	Temp 74 °F			
Min.	31 °F	Vel. 0 m.p.h.	Read. 28.93 in.			
Set	33 °F	Char. Calm	Corr. 28.80 in.	0700	1300	1900
R.H.	92 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. Clear	Clds.	Clds. 5/10 ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. Steady mb	Wx -Fg	Wx	Wx Cool
Ppn. Sol.	0.00 in.	Snow Depth T in.	Observer KRV	Vis. 2010 mi.	Vis. mi.	Vis. 20 mi.

1. 45  
HDD: 20  
CDD: 0  
 $\Sigma$ HDD: 572  
 $\Sigma$ CDD: 0  
 $\Sigma$ PCN<sub>L</sub>: 0.93  
 $\Sigma$ PCN<sub>S</sub>: 5.0

T<sub>davis</sub>: 35/30  
T<sub>uv</sub>: 32/27

T<sub>w</sub>: —  
T<sub>b</sub>: 30

PCN<sub>TS</sub>: 0.00  
 $\Sigma$ PCN<sub>TS</sub>: 0.00



Monday March 17, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	65 °F		Dir.	—		Temp	76 °F		*Overnight Low 37°		
Min.	33* °F		Vel.	0 m.p.h.		Read.	28.74 in.				
Set	37 °F		Char.	Calm		Corr.	28.61 in.				
R.H.	96 %		24 hr. Mov.	— mi.		Sea L.	30.00 in.		0700	1300	1900
Ppn.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	Steady mb		Clds.	4/10 Ci	
Ppn.	0.0 in.		Snow Depth	T in.		Observer	KRV		Clds.	3/10 Ci, Cu	
									Wx	FB	
									Wx	Mild, NICE!	
									Wx	5th 11 wind	
									Vis.	0.25 mi.	
									Vis.	20 mi.	
									Vis.	20 mi.	

T: 49  
HDD: 16  
CDD: 0  
 $\Sigma$ HDD: 588  
 $\Sigma$ CDD: 0  
 $\Sigma$ PCNL: 0.93  
 $\Sigma$ PCNs: 5.0

T<sub>avail</sub>: 37/36  
T<sub>unv</sub>: 34/32

T<sub>w</sub>: -  
T<sub>b</sub>: 36

PCN<sub>tr</sub>: 0.00  
 $\Sigma$ PCN<sub>tr</sub>: 0.00

TUESDAY MARCH 18 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir.	Temp	* DUNT LOW 40		
	—		78 °F			
Min.	37 °F	Vel.	Read.			
	—	0 m.p.h.	28.81 in.			
Set	40 °F	Char.	Corr.	0700	1300	1900
	—	CALM	28.68 in.			
R.H.	94 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
	—	— mi.	20.06 in.	10/10 St. ci	0/10 Ci	3/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
	—	—	+1.5 mb	Valley Fog	HZ	HZ
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
	—	T in.	J.M.M.	2 mi.	3 mi.	4 mi.

$$\bar{T} = 54$$

$$HDD = 11$$

$$COD = 0$$

$$\Sigma HDD = 599$$

$$\Sigma COD = 0$$

$$\Sigma PCN_L = 0.93$$

$$\Sigma PCN_T = 5.0$$

$$TDAVIS = 43/41$$

$$TUNV = 39/39$$

$$TW = 38$$

$$TD = 38$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.00$$

Wednesday, March 19, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir.	Temp			
		—	78 °F			
Min.	39 °F	Vel.	Read.			
		0 m.p.h.	29.01 in.			
Set	39 °F	Char.	Corr.	0700	1300	1900
		CALM	28.87 in.			
R.H.	73 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.26 in.	5/10 Ci	9/10 Ci, Cs	
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	↑ +2 mb	Valley Fg	HZ	
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		T in.	PAK	4 mi.	8 mi.	mi.

$$T = 49$$

$$KOD = 16$$

$$COD = 0$$

$$E_{HDD} = 6/6$$

$$E_{COD} = 0$$

$$E_{PCN_L} = 0.93''$$

$$E_{PCN_S} = 5.0''$$

$$T_{Davis} = 40/34$$

$$T_{unr} = 39/26$$

$$T_w = 35^\circ$$

$$T_d = 31^\circ$$

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

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

Thursday, March 20, 2003  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. SE	Temp 76 °F	-RA 2350-0200 LT		
Min.	33 °F	Vel. 5 m.p.h.	Read. 28.97 in.	-RA 0230-0430 LT		
Set	33 °F	Char. Gusty	Corr. 28.84 in.	0700	1300	1900
R.H.	92 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 10/10 NS	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq.	0.14 in.	Prev. Dir. —	3 hr. Tend. 71.3 mb	Wx Coal	Wx -Ra	Wx -Ra Fg
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer KRV	Vis. 2 mi.	Vis. 2 mi.	Vis. 0.5 mi.

1:41  
HDD: 24  
CDD: 0  
 $\Sigma$ HDD: 640  
 $\Sigma$ CDD: 0  
 $\Sigma$ PCN<sub>L</sub>: 1.07  
 $\Sigma$ PCN<sub>S</sub>: 5.0

T<sub>davis</sub>: 33/31  
T<sub>unv</sub>: 32/28

T<sub>w</sub>: -  
T<sub>D</sub>: 31

PCN<sub>TB</sub>: 0.00  
 $\Sigma$ PCN<sub>TB</sub>: 0.00



Friday, March 21, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp			*OUNT Low 36 -RA 0800 - 1130 LT RA 1130 - 1615 LT -RA 1615 - 1845 LT		
39 °F	-	76 °F					
Min.	Vel.	Read.					
33* °F	0 m.p.h.	28.56 in.					
Set	Char.	Corr.			0700	1300	1900
36 °F	calm	28.43 in.					
R.H.	24 hr. Mov.	Sea L.			Clds.	Clds.	Clds.
100 %	- mi.	29.82 in.			10 ST	4/10 ST, CU, CI	3/10 CU, CI
Ppn. Liq.	Prev. Dir.	3 hr. Tend.			Wx	Wx	Wx
0.97 in.	-	-0.5 mb			+FG	mid	
Ppn. Sol.	Snow Depth	Observer			Vis.	Vis.	Vis.
0.0 in.	0 in.	RJM			1/16 mi.	20 mi.	15 mi.

$$\bar{T} = 36$$

$$HDD = 29$$

$$CDD = 0$$

$$\Sigma HDD = 669$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_R = 2.04$$

$$\Sigma PCN_S = 5.0$$

$$\bar{T}_{Davis} = 36/36$$

$$\bar{T}_{unv} = 35/35$$

$$T_w = -$$

$$T_D = 36$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.00$$

Saturday, March 22, 2003  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	Dir.	Temp	*OUNT LOW 42° -Ra 1500 LT - 1530 LT Ra 1615 LT - 1730 LT					
58 °F	—	76 °F						
Min.	Vel.	Read.						
36* °F	0 m.p.h.	28.70 in.						
Set	Char.	Corr.				0700	1300	1900
42 °F	Calm	28.57 in.				Clds.	Clds.	Clds.
R.H.	24 hr. Mov.	Sea L.				8/10 (S, C, A)		10/10 St
71 %	M mi.	29.94 in.				Wx	Wx	Wx
Ppn. Liq.	Prev. Dir.	3 hr. Tend.				Valley Fog		Cool
0.23 in.	M	1+1 mb				Vis.	Vis.	Vis.
Ppn. Sol.	Snow Depth	Observer				20 mi.	mi.	20 mi.
0.0 in.	0 in.	JEP						

T: 47  
HDD: 18  
CDD: 0  
 $\Sigma$ HDD: 687  
 $\Sigma$ CDD: 0  
 $\Sigma$ PEN: 2.27  
 $\Sigma$ PENs: 5.0

T DAVIS: 42/35  
T UNV: 41/30

TW: 39  
TD: 35

PEN<sub>TB</sub>: 0.00  
 $\Sigma$ PEN<sub>TB</sub>: 0.00

Sunday March 23, 2003

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.	Wind	Barom.			
Max. 51 °F	Dir. SW	Temp 75 °F	-SHRA 1830 - 1820 LT -SHRA 1930 - 1950 LT		
Min. 34 °F	Vel. 2 m.p.h.	Read. 28.80 in.			
Set 35 °F	Char. Light	Corr. 28.67 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. 2/10 st	Clds.	Clds. 2/10 ci
Ppn. Liq. 7 in.	Prev. Dir. —	3 hr. Tend. 1.20 mb	Wx Cool	Wx	Wx Cool
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RJM	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$$I = 73$$

$$HDD = 22$$

$$CDD = 0$$

$$\Sigma HDD = 709$$

$$E CDD = 0$$

$$E PCN_2 = 2.27$$

$$E PCN_3 = 5.0$$

$$T_{Davis} = 36/31$$

$$T_{unv} = 33/30$$

$$T_w = 35$$

$$T_o = 30$$

$$PCN_{T8} = 0.00$$

$$\Sigma PCN_{T8} = 0.00$$

Monday March 24, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. —	Temp 76 °F			
Min.	35 °F	Vel. 0 m.p.h.	Read. 28.92 in.			
Set	41 °F	Char. Calm	Corr. 28.79 in.	0700	1300	1900
R.H.	74 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. 8/10 Ac	Clds. 2/10 Ci, Ac	Clds. 2/10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. 1.1 mb	Wx Cool	Wx Nice, mild	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer KRV	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 45$

HDD: 20

COO: 0

$\Sigma$ HDD: 729

$\Sigma$ COO: 0

$\Sigma$ PCNL: 2.27

$\Sigma$ PCNs: 5.0

$T_{Davis}: 41/34$

$T_{UNV}: 37/30$

$T_w: 39$

$T_0: 33$

$PCN_{TB}: 0.00$

$\Sigma PCN_{TB}: 0.00$



TUESDAY MARCH 25 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. SW	Temp 78 °F	* OVERNIGHT LOW 47			
Min. 41 * °F	Vel. 3 m.p.h.	Read. 28.81 in.				
Set 47 °F	Char. STEADY	Corr. 28.68 in.				
R.H. 68 %	24 hr. Mov. - mi.	Sea L. 30.04 in.	0700 Clds. ci, 2/10 cont'd	1300 Clds. G 4/10 Ac	1900 Clds. 4/10 Ac	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. STEADY mb	Wx HE VALLEYS	Wx Mild Beautiful	Wx Breezy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer M.M.M.	Vis. 15 mi.	Vis. 25 mi.	Vis. 15 mi.	

$$\bar{T} = 56$$

$$HDD = 9$$

$$COD = 0$$

$$\sum HDD = 738$$

$$\sum OD = 0$$

$$\sum PCNL = 2.27$$

$$\sum PCNS = 5.0$$

$$T_{DAVIS} = 49/37$$

$$T_{UNV} =$$

$$T_W = 40$$

$$T_B = 40$$

$$PCNTB = 0.00$$

$$\sum PCNTB = 0.00$$

Wednesday, March 26, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. WNW	Temp 82 °F	*Overnight low 53° -DZ 0430-0445 LT			
Min. 47* °F	Vel. 3 m.p.h.	Read. 28.70 in.				
Set 53 °F	Char. STEADY	Corr. 28.55 in.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 28.90 in.	Clds. 9/10 cu	Clds. 10/10 NS	Clds. 5/10 Cu	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. + 1 mb	Wx Haze	Wx -Ra	Wx Cool	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PAK	Vis. 15 mi.	Vis. 12 mi.	Vis. 20 mi.	

$\bar{T} =$   
HDD =  
CDD = $\epsilon$   
 $\epsilon$ HDD =  
 $\epsilon$ CDD =  
 $\epsilon$ PCN<sub>L</sub> =  
 $\epsilon$ PCN<sub>S</sub> =

$$T_{\text{davis}} = 52/48$$

$$T_w = 49^\circ$$

$$T_{\text{unv}} = 54/44$$

$$T_d = 45^\circ$$

$$PCN_{T8} =$$

$$\epsilon PCN_{T8} =$$

Thursday March 27, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. —	Temp 78 °F	-RA 1010 - 1415 LT		
Min.	32 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set	33 °F	Char. Calm	Corr. 28.80 in.			
R.H.	95 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	0700	1300	1900
Ppn. Liq.	0.14 in.	Prev. Dir. —	3 hr. Tend. 1.8 mb	Clds. 2/10 Ac	Clds. Ac, Ci 5/10	Clds. Cu, Ci 7/10
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer KRV	Wx Fg	Wx Mild	Wx
				Vis. 206 mi.	Vis. 25 mi.	Vis. 25 mi.

$T: 43$   
HDD: 22

CDD: 0

$\Sigma HDD: 767$

$\Sigma CDD: 0$

$\Sigma PCN_L: 2.41$

$\Sigma PCN_S: 5.0$

$T_{Davis}: 34/32$   
 $T_{UV}: 30/28$

$T_w: -$   
 $T_D: 32$

$PCN_{TB}:$

$\Sigma PCN_{TB}:$

Friday March 28 2003

0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	64 °F	Dir.	S	Temp	*OVRT low 48		
Min.	33* °F	Vel.	2 m.p.h.	Read.	28.96 in.		
Set	48 °F	Char.	light	Corr.	0700	1300	1900
R.H.	52 %	24 hr. Mov.	- mi.	Sea L.	Clds.	Clds.	Clds.
				30.18 in.	$\frac{4}{10}$ cu	10/10 St, Sc	10/10 Sc
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	Wx
0.00 in.		-	+1.2 mb	cool	Breezy		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
0.0 in.		0 in.	RSM	25 mi.	25 mi.	25 mi.	



$$\bar{T} = 49$$

$$HDD = 16$$

$$CDD = 0$$

$$EHDD = 78.3$$

$$ECDD = 0$$

$$EPCN_2 = 2.41$$

$$EPCN_3 = 5.0$$

$$T_{Davis} = 49/29$$

$$T_{unv} = 50/30$$

$$T_w = 41$$

$$T_o = 31$$

$$PCN_{TB} = 0.00$$

$$EPCN_{TB} = 0.00$$



Saturday, March 29, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. SW	Temp 80 °F	-RA 0045-0120CT		
Min.	48 °F	Vel. 6 m.p.h.	Read. 28.74 in.			
Set	58 °F	Char. Steady	Corr. 28.50 in.			
R.H.	90 %	24 hr. Mov. M mi.	Sea L. 29.82 in.	Clds. 10/10 St	Clds.	Clds. 10/10 N5
Ppn. Liq.	T in.	Prev. Dir. M	3 hr. Tend. -1 mb	Wx mild, Fg	Wx	Wx -RA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 2 mi.	Vis. mi.	Vis. 10 mi.

T: 54  
HDD: 11  
CDD: 0  
 $\Sigma$ HDD: 794  
 $\Sigma$ CDD: 0  
 $\Sigma$ PNL: 2.41  
 $\Sigma$ PNs: 5.0

T<sub>DAVIS</sub>: 58/57  
T<sub>UNN</sub>: 63/59

T<sub>W</sub>: 56  
T<sub>D</sub>: 55

PN<sub>RB</sub>: 0.00  
 $\Sigma$ PN<sub>RB</sub>: 0.00

Sunday March 30, 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F		Dir. NW	Temp 76 °F	-SRRA 0800-0945LT -RA/RA/RA 1040-1300LT -RA 1345-1700LT -RA 1815-1915LT -SN 0420-obs		
Min. 32 °F		Vel. 2 m.p.h.	Read. 28.81 in.			
Set 32 °F		Char. Light	Corr. 28.68 in.			
R.H. 93 %		24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. $\frac{10}{10}$ NS	Clds.	Clds. $\frac{7}{10}$ NS
Ppn. Liq. 0.43 in.		Prev. Dir. —	3 hr. Tend. STEADY mb	Wx -SN	Wx	Wx -SHSN
Ppn. Sol. 1.0 in.		Snow Depth 1 in.	Observer RJM	Vis. $\frac{3}{8}$ mi.	Vis. mi.	Vis. 8 mi.

$$\bar{T} = 40$$

$$HDD = 17$$

$$CDD = 0$$

$$\Sigma HDD = 811$$

$$E \cdot CDD = 0$$

$$EPCN_2 = 2.84$$

$$EPCN_3 = 6.0$$

$$T_{\text{Davis}} = 31/30$$

$$T_{\text{unv}} = 35/33$$

$$T_w = -$$

$$T_0 = 30$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.00$$

Monday March 31, 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NW	Temp 74 °F	-SN Obs - 1715 LT			
Min. 23 °F	Vel. 8 m.p.h.	Read. 28.84 in.				
Set 23 °F	Char. Breezy	Corr. 28.71 in.				
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	0700	1300	1900	
Ppn. Liq. 0.32 in.	Prev. Dir. —	3 hr. Tend. -2.0 mb	Clds. 3/10 Cu	Clds. 10/10 NS	Clds. 4/10 Cu	
Ppn. Sol. 3.5 in.	Snow Depth 4 in.	Observer KRV	Wx Cool	Wx -SN	Wx	
			Vis. 20 mi.	Vis. 8 mi.	Vis. 20 mi.	

$\bar{T}$ : 29

HDD: 36

CDD: 0

$\Sigma$ HDD: 847

$\Sigma$ CDD: 0

$\Sigma$ PCN<sub>L</sub>: 3.16

$\Sigma$ PCN<sub>S</sub>: 9.5

$T_{\text{Davis}}$ : 24/17

$T_{\text{ONV}}$ : 28/19

$T_w$ : -

$T_b$ : 17

MARCH 2003  
TEMP'S.

$\bar{T}_{\text{MAX}}$  = 48.0

$\bar{T}_{\text{MIN}}$  = 26.7

$\bar{T}_{\text{MAR}}$  = 37.35

PCN<sub>T8</sub>:

$\Sigma$ PCN<sub>T8</sub>: 0.00