Monday, March 1, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. —	Temp 77 °F	* OVERNIGHT LOW 31°F		
Min. 30* °F	Vel. 0 m.p.h.	Read. 29.08 in.			
Set 33 °F	Char. calm	Corr. 28.95 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. 10/10 Ci, Ac	Clds. 10/10 Ci, As	Clds. 10/10 Ci, As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↗ 0.7 mb	Wx fair	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 5 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 43

HDD = 22

ΣHDD = 22

ΣCDD = 0

T_{DAYS} = 34/26

T_{UNV} = 34/27

T_W = —

T_D = 26

ΣPCN_L = 0.00"

ΣPCN_S = 0.0"

$PCNL_{TB}$ = 0

$\Sigma PCNL_{TB}$ = 0

Tuesday March 2, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. WSW	Temp 78 °F	* OVNT LOW - 44 -RA 2345-2355 -RA 0025-0100 -RA 0155-0300		
Min. 33* °F	Vel. 6 m.p.h.	Read. 28.80 in.			
Set 46 °F	Char. Steady	Corr. 28.68 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. 7/10 Cu, ac	Clds.	Clds. 0/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. L 1.0 mb	Wx —	Wx	Wx gorgeous evening
Ppn. Sol. — in.	Snow Depth 4 in.	Observer JAS	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 45$

$HDD = 20$

$\Sigma HDD = 42$

$\Sigma CDD = 0$

$\Sigma PCN_L = 7$

$\Sigma PCN_S = 0.00^*$

$T_{davis} = 47/37$

$T_{unv} = 45/34$

$T_w = -$

$T_d = 37$

$PCN_{TB} = 7$

$\Sigma PCN_{TB} = 7$

Wednesday, March 3, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. WSW	Temp 77.5 °F	1st reading above 60 since 11/23/03 (62)		
Min. 41 °F	Vel. 6 m.p.h.	Read. 29.13 in.			
Set 42 °F	Char. steady	Corr. 29.00 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	Clds. 10/10 St, Sc	Clds.	Clds. 10/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.7 mb	Wx overcast	Wx	Wx overcast
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 51$

$HDD = 14$

$CDD = 0$

$\Sigma HDD = 56$

$T_{DAVIS} = 42.5/37$

$T_{UNIV} = 43/37$

$T_W = 40$

$T_D = 38$

$\Sigma PCN_L = T$

$\Sigma PCN_S = 0.00"$

$PCN_{LTB} = 0$

$\Sigma PCN_{LTB} = N/A$

Thursday March 4, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. –	Temp 78 °F	00:20 - 00:35 LT - RA 00:45 - 1:05 LT - RA 1:20 - 1:30 LT - RA 2:15 - 2:30 LT - RA 3:00 - OBS LT - RA		
Min. 38 °F	Vel. 0 m.p.h.	Read. 29.02 in.			
Set 39 °F	Char. calm	Corr. 28.88 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. – mi.	Sea L. 30.28 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 Sc 10/10 Ci
Ppn. Liq. 0.08 in.	Prev. Dir. –	3 hr. Tend. \ - 0.5 mb	Wx -RA	Wx	Wx —
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer SMM	Vis. 2 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 43$

HDD = 22

CDD = 0

ΣHDD = 78

$T_{davis} = 39|39$

$T_{unv} = 39|39$

$T_w = 39$

$T_d = 39$

$\Sigma PCN_L = 0.08"$

$\Sigma PCN_S = 0.00"$

$PCNL_{TB} > M$

$\Sigma PCNL_{TB} = M$

Friday, March 5, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 53 °F	Dir. S	Temp 80 °F	* ovnt low 46 obs-08:30 LT - RA 22:20-22:30 LT - RASH
Min. 39 °F	Vel. 7 m.p.h.	Read. 28.90 in.	
Set 47 * °F	Char. breezy	Corr. 28.76 in.	

	0700	1300	1900
R.H. 86 %	Clds. 10/10 St	Clds.	Clds. 3/10 Cir Cu
24 hr. Mov. — mi.	Wx FG	Wx	Wx HZ
Sea L. 30.13 in.	Vis. 2 mi.	Vis. mi.	Vis. 15 mi.
Ppn. Liq. T in.			
Prev. Dir. —			
3 hr. Tend. -1.0 mb			
Ppn. Sol. — in.			
Snow Depth T in.			
Observer SGH			

$\bar{T} = 46$
$HDD = 19$
$\Sigma HDD = 97$

$T_{DAVIS} = 47/46$
$T_{WW} = 48/46$

$T_W = 45$
$T_D = 43$

$\Sigma PCN_L = .08"$
$\Sigma PCN_S = 0.00"$

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

Saturday, March 6, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. WSW	Temp 79 °F	-RA 1255-1310LT -RA 2100-2110LT RA OCNL RA 2110-2140LT -RA OCNL RA 2140-0445LT
Min. 46 °F	Vel. 4 m.p.h.	Read. 28.50 in.	
Set 54 °F	Char. Steady	Corr. 28.36 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.68 in.	
Ppn. Liq. 0.30 in.	Prev. Dir. —	3 hr. Tend. \0.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth Trace in.	Observer BPM	

0700	1300	1900
Clds. 10/10 Sc	Clds. 9/10 Cu Sc	Clds. 10/10 Sc
Wx FG	Wx -DZ	Wx
Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 53°$

HDD = 12

CDD = 0

ΣHDD = 109

ΣCDD = 0

ΣPCNL = 0.38"

ΣPCNS = 0.0"

$T_{DAWIS} = 54°/54°$

$T_{UNU} = 54°/53°$

$T_W = M$

$T_D = 54°$

PCNLTB = M

ΣPCNLTB = M

Sunday, March 7, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. NW	Temp 76 °F	-RA 1255-1310 LT		
Min. 38 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set 38 °F	Char. Calm	Corr. 28.70 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 8/10 Cu Sc	Clds.	Clds. 10/10 Sc
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. /0.1 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth Trace in.	Observer BPM	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 46°$
HDD = 19
CDD = 0
ΣHDD = 128
ΣCDD = 0

$T_{Davis} = 38°/33°$
$T_{UNV} = 39°/32°$

$T_W = M$
$T_D = 33°$

ΣPCNL = 0.38"
ΣPCNS = 0.0"

PCNLTB = M
ΣPCNLTB = M

Monday, March 8, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. NW	Temp 76° °F	-RA 1530-1550LT -SN 0100-0145LT RA 1550-1615LT -SN 0345-0415 -RA 1615-1645LT -SN 0615-0815LT RA OCNL + RA 1645-1720LT -RA 1720-1750LT LTG W 1920LT RA 2035-2055LT		
Min. 33 °F	Vel. 9 m.p.h.	Read. 28.60 in.			
Set 33 °F	Char. Breezy	Corr. 28.46 in.	0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. 10/10 Cu Sc	Clds.	Clds. 7/10 Sc
Ppn. Liq. 0.19 in.	Prev. Dir. —	3 hr. Tend. /1.2 mb	Wx -SN	Wx	Wx -SHSN E
Ppn. Sol. 0.2 in.	Snow Depth Trace in.	Observer BPM	Vis. 10 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$ = 43°

HDD = 22

CDD = 0

ΣHDD = 150

ΣCDD = 0

T_{Davis} = 33°/30°

T_{UNV} = 34°/32°

T_W = M

T_D = 30°

ΣPCNL = 0.57"

ΣPCNS = 0.2"

PCNLTB = M

ΣPCNLTB = M

Tuesday, March 9, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. —	Temp 75 °F	OBS - 8:05 LT - SN 8:40 - 9:20 LT - SN 10:05 - 10:30 LT - SN 11:10 - 12:00 LT - SN
Min. 26 °F	Vel. 0 m.p.h.	Read. 28.85 in.	
Set 27 °F	Char. calm	Corr. 28.72 in.	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer SMM	

	0700	1300	1900
Clds.	1/10 Ci	3/10 Cu Sc	6/10 Sc
Wx	—	—	—
Vis.	20 mi.	20 mi.	20 mi.

$\bar{T} = 32°$

$HDD = 33$

$CDD = 0$

$\Sigma HDD = 183$

$\Sigma CDD = 0$

$\Sigma PCNL = 0.57"$

$\Sigma PCNS = 0.2"$

$T_{DAVIS} = 27/25$

$T_{unv} = 26/21$

$T_w = M$

$T_D = 21°$

$PCNT_B = M$

$\Sigma PCNT_B = M$

March 10, 2004, Wednesday

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 38 °F	Dir. —	Temp 75 °F	1500 - 1600 LT - SHSN (OCCL)
Min. 26 °F	Vel. 0 m.p.h.	Read. 29.12 in.	
Set 29 °F	Char. calm	Corr. 28.99 in.	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer SMM	

	0700	1300	1900
Clds.	3/10 Cu Sc Ci	Clds.	3/10 Ci Cu
Wx	FG	Wx	Wx —
Vis.	15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 32°$

HDD = 33

CDD = 0

ΣHDD = 183

ΣCDD = 0

$T_{DAVIS} = 32°/28°$

$T_{unv} = 30°/26°$

$T_W = M$

$T_D = 28°$

ΣPCNL = 0.57"

ΣPCNS = 0.2"

PCNTB = M

ΣPCNTB = M

Thursday, March 11, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. –	Temp 75 °F			
Min. 25 °F	Vel. 0 m.p.h.	Read. 29.03 in.			
Set 25 °F	Char. calm	Corr. 28.90 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. – mi.	Sea L. 30.33 in.	Clds. CLR	Clds.	Clds. Cs & Sc 10/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. -.15 mb	Wx FG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SMM	Vis. 15 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 33$

HDD = 32

CDD = 0

ΣHDD = 215

ΣCDD = 0

$T_{DAVIS} = 26/23°$

$T_{UNIV} = 23°/23°$

$T_W = M$

$T_D = 23°$

$\Sigma PCNL = 0.57"$

$\Sigma PCNS = 0.2"$

$PCNTB = M$

$\Sigma PCNTB = M$

Friday, March 12, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. WSW	Temp 75 °F	01:10 - 02:35 LT - SN 03:50 - 04:30 LT - SN 05:10 - 05:20 LT - SHSN 05:40 - 06:30 LT - SN
Min. 25 °F	Vel. 17 m.p.h.	Read. 28.74 in.	
Set 25 °F	Char. gusty	Corr. 28.61 in.	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	
Ppn. Liq. .02 in.	Prev. Dir. —	3 hr. Tend. /+3.5 mb	
Ppn. Sol. .2 in.	Snow Depth 0 in.	Observer SGH	

	0700	1300	1900
Clds.	Sc, 8/10 St, Ci	Sc, 6/10 Ci	Sc, 8/10 St
Wx	—	—	—
Vis.	25 mi.	25 mi.	25 mi.

$\bar{=}$ = 38
HDD = 27
ΣHDD = 242

T_{Davis} = 24/16
T_{UNV} = 26/17

T_W = —
T_D = 16

ΣPCN_L = .59"
ΣPCN_S = .4"

PCN_{TB} = M
ΣPCN_{TB} = M

Saturday, March 13, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. WNW	Temp 74 °F	16:20 - 16:30 LT - SHSN 16:40 - 16:50 LT - SHSN 19:35 - 20:10 LT - SN ⇒ 00:25 - 01:15 LT - SN 02:20 - 02:40 LT - SHSN
Min. 22 °F	Vel. 7 m.p.h.	Read. 29.14 in.	
Set 23 °F	Char. gusty	Corr. 29.02 in.	

	0700	1300	1900
R.H. 63 %	Clds. Sc, 8/10 St, Cu	Clds.	Clds. 1/10 Ci
Ppn. Liq. T in.	Wx —	Wx	Wx —
Ppn. Sol. T in.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

24 hr. Mov.	Sea L.	Prev. Dir.	3 hr. Tend.	Snow Depth	Observer
— mi.	30.47 in.	—	/+3.5 mb	T in.	SGH

$\bar{T} = 27$
$HDD = 38$
$\Sigma HDD = 280$

$T_{Davis} = 23/12$
$T_{UNV} = 24/14$

$T_W = —$
$T_D = 12$

$\Sigma PCN_L = .59"$
$\Sigma PCN_S = .4"$

03:10-03:20 LT - SHSN
04:35-06:20 LT - SN

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

Sunday, March 14, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. —	Temp 74 °F	* ovnt low 26		
Min. * 23 °F	Vel. — m.p.h.	Read. 29.19 in.			
Set 28 °F	Char. Calm	Corr. 29.07 in.	0700	1300	1900
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 30.51 in.	Clds. 10/10 Sc, Ci	Clds.	Clds. 10/10 Ns
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. -.5 mb	Wx —	Wx	Wx -RA
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 25 mi.	Vis. mi.	Vis. 2 mi.

$\bar{T} = 30$
$+HDD = 35$
$\Sigma HDD = 315$

$T_{DAVIS} = 29/18$
$T_{UNV} = 26/19$

$T_W = M$
$T_D = 18$

$\Sigma PCN_L = .59"$
$\Sigma PCN_S = .4"$

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

Monday, March 15, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 46 °F	Dir. W	Temp 75 °F	* overnight low 38 OCCL -SHRA 1630-2230 LT
Min. 28* °F	Vel. 8 m.p.h.	Read. 29.01 in.	
Set 38 °F	Char. breezy	Corr. 28.88 in.	

	0700	1300	1900
R.H. 59 %	Clds. 1/10 Ci, Cu	Clds. 3/10 Ci, 1/10 St	Clds. 4/10 St, Ci
24 hr. Mov. — mi.	Wx clear	Wx —	Wx —
Sea L. 30.28 in.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.
Ppn. Liq. 0.01 in.			
Prev. Dir. —			
3 hr. Tend. /+1.8 mb			
Ppn. Sol. 0.0 in.			
Snow Depth 0 in.			
Observer AGM			

$\bar{T} = 37$

$HDD = 28$

$\Sigma HDD = 376$

$T_{DAVIS} = 38/25$

$T_{UNIV} = 37/25$

$T_W = —$

$T_D = 25$

$\Sigma PCN_L = 0.60"$

$\Sigma PCN_S = 0.4"$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

TUESDAY 16 MARCH 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. NE	Temp. 76 °F	-SN 0555-0605		
Min. 30 °F	Vel. 10 m.p.h.	Read. 28.90 in.			
Set 30 °F	Char. gusty	Corr. 28.76 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10 Ns	Clds. 10/10 Ns	Clds. 10/10 Ns
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \1.0 mb	Wx -SN	Wx	Wx -SN/-
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JAS	Vis. 20 mi.	Vis. 1/2 mi.	Vis. 2 mi.

$\bar{T} = 40$

$HDD = 25$

$\Sigma HDD = 401$

$\Sigma CDD = 0$

$\Sigma PCPN_L = 0.60''$

$\Sigma PCPN_S = 0.4''$

$T_{daily} = 31/24$

$T_{ann} = 30/23$

$T_W = 1$

$T_R = 24$

$RN_{TB} = 1$

$\Sigma PCPN_{TB} > 1$

Thursday, March 18, 2004

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 34 °F	Dir. —	Temp 16 °F	12:25 LT - 12:40 LT - SHSN 14:40 - 14:50 LT - SHSN 15:05 - 15:40 LT - SHSN 16:20 - 16:30 LT - SHSN ⇒
Min. 23 °F	Vel. — m.p.h.	Read. 28.88 in.	
Set 24 °F	Char. Calm	Corr. 28.75 in.	

	0700	1300	1900
R.H. 88 %	Clds. 9/10 Sc	Clds.	Clds. St 10/10
24 hr. Mov. — mi.	Wx —	Wx	Wx —
Sea L. 30.19 in.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.
Ppn. Liq. .02 in.			
Prev. Dir. —			
3 hr. Tend. -/+2.0 mb			
Ppn. Sol. .2 in.			
Snow Depth 4 in.			
Observer SGH			

$\bar{T} = 29$

$+HDD = 36$

$\Sigma HDD = 473$

$T_{Davis} = 24/21$

$T_{UNV} = 26/21$

$T_W = M$

$T_D = 21$

$\Sigma PCN_L = 1.31''$

$\Sigma PCN_S = 5.6''$

18:00 - 18:10 LT - SHSN
18:35 - 18:45 LT - SHSN
21:00 - 00:15 LT - SN
01:15 - 01:25 LT - SHSN

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Meteorological Observatory
Univeristy Park, PA

Wednesday, 17 March, 2004 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. SW	Temp 75.5 °F	* overnight low 28 0815 - 0826 LT: - SN 0735 - 2120 LT: - SN/OCNL - GS 2345 - 0230 LT: - FR DZ/ - SN 0230 - 0330 LT: - SN		
Min. 27* °F	Vel. 3 m.p.h.	Read. 28.73 in.			
Set 28 °F	Char. steady	Corr. 28.60 in.	0700	1300	1900 →
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 10/10 As, Sc, Ns	Clds.	Clds. Sc, 10/10 St, Ns
Ppn. Liq. 0.69 in.	Prev. Dir. —	3 hr. Tend. / +0.7 mb	Wx cloudy	Wx	Wx -SHSN
Ppn. Sol. 5.0 in.	Snow Depth 4 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 12 mi.

$\bar{T}$ = 29

HDD = 36

ΣHDD = 437

ΣCDD = 0

T_{DAVIS} = 27/25

T_{UNV} = 30/25

T_W = —

T_D = 25

Additional Obs:

SN/GS was moderate and/or heavy:

0830-0945LT, 1030-1115LT,

1215-1810LT, 1600-1700LT.

Liquid Equivalent:

OBS-1900LT ~ 0.61"

1900LT-OBS ~ 0.08"

Frozen:

OBS-1900LT ~ 4.7"

1900LT-OBS ~ 0.3"

Estimated ratio 7.8:1

ΣPCN_L = 1.29"

ΣPCN_S = 5.4"

PCN_{TB} = M

ΣPCN_{TB} = N/A

Friday, March 19, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. —	Temp 76 °F	21:20 - 2:20 LT - SN 2:20 - 4:30 LT SN OCCL+SN 4:30 - OBS LT - SN
Min. 24 °F	Vel. 0 m.p.h.	Read. 29.06 in.	
Set * 31 °F	Char. calm	Corr. 28.92 in.	OVNT LOW = 31°
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	
Ppn. Liq. .48 in.	Prev. Dir. —	3 hr. Tend. +3.0 mb	
Ppn. Sol. 5.0 in.	Snow Depth 7 in.	Observer SMM	

0700	1300	1900
Clds. 10/10 NS	Clds.	Clds. 0/10 CLR
Wx - SN	Wx	Wx
Vis. 2. mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 33$

HDD = 32

ΣHDD = 505

CDD = 0

ΣCDD = 0

$T_{davis} = 31|31$

$T_{unv} = 32|32$

$T_w = M$

$T_d = 31$

$\Sigma PCN_L = 1.79$

$\Sigma PCN_S = 10.6"$

PCNTB = M

$\Sigma PCN_{TB} = M$

Meteorological Observatory
Univeristy Park, PA

Saturday, March 20, 2004 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. SSE	Temp 76 °F	-SN OBS-0830LT
Min. 28 °F	Vel. 0 m.p.h.	Read. 29.15 in.	
Set 29 °F	Char. Calm	Corr. 29.01 in.	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.44 in.	
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. \ 1.2 mb	
Ppn. Sol. Trace in.	Snow Depth 3 in.	Observer BPM	

	0700	1300	1900
Clds.	Clds. 1/10 Ci	Clds.	Clds. 10/10 Ns
Wx	Wx Thin Ground FG East	Wx cloudy	Wx -RA
Vis.	Vis. 20 mi.	Vis. 20 mi.	Vis. 4 mi.

T = 36°

HDD = 29

CDD = 0

ΣHDD = 534

ΣCDD = 0

T_{DAWS} = 32°/24°

T_{UNV} = 30°/21°

T_W = N/A

T_D = 24°

ΣPCNL = 1.79"

ΣPCNS = 10.6"

PCNLTB = M

ΣPCNLTB = M

Meteorological Observatory
Univeristy Park, PA

Sunday, 21 March, 2004 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 47 °F	Dir. W	Temp 76 °F	K OVRNGHT LOW - 35° 1350-2215 LT: -RA / OCNL RA +RA @ 1510, 1940-2010, 2030, 2110-2130, & 2140 LT -RA SN @ 0325 LT
Min. 29* °F	Vel. 11 m.p.h.	Read. 28.71 in.	OCNL --SN SH; 0600 LT-OBS
Set 35 °F	Char. steady	Corr. 28.58 in.	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	
Ppn. Liq. 0.70 in.	Prev. Dir. —	3 hr. Tend. / +3.6 mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer AGM	

	0700	1300	1900
Clds.	9/10 Sc, St, Cu	Clds.	Clds. 6/10 Cu, Sc
Wx	-SN/-GS	Wx Overcast	Wx --SN
Vis.	25 mi.	Vis. 25 mi.	Vis. 25 mi.

HDD = 27

ΣHDD = 561

T_{DAVIS} = 34°/27°

T_{UNIV} = 36°/27°

T_W = —

T_D = 27°

ΣPCN_L = 2.49"

ΣPCN_S = 10.6"

PCN_{TB} = M

ΣPCN_{TB} = N/A

Meteorological Observatory
Univeristy Park, PA

Monday, 22 March, 2004 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. NW	Temp 75 °F	OCNL -SN SH / -GS SH OBS - 0400LT most noticeable 1800–1930, 2330-0115LT
Min. 18 °F	Vel. 4 m.p.h.	Read. 29.03 in.	
Set 18 °F	Char. steady	Corr. 28.90 in.	
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+2.8 mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer AGM	

	0700	1300	1900
Clds.	Clds. 1/10 Cu	Clds. 1/10 Cu/Ci	Clds. 1/10 Ci
Wx	Wx fair	Wx —	Wx —
Vis.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T = 24°

HDD = 41

ΣHDD = 599

T_{DAVIS} = 19°/7°

T_{UNV} = 19°/9°

T_w = —

T_b = 7°

ΣPCN$_L$ = 2.49"

ΣPCN$_S$ = 10.6"

PCN$_{TB}$ = 0

ΣPCN$_{TB}$ = N/A

Tuesday March 23, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. WSW	Temp 75 °F	* OVRNT LOW - 22
Min. * 18 °F	Vel. 7 m.p.h.	Read. 29.18 in.	
Set 23 °F	Char. steady	Corr. 29.06 in.	
R.H. 52 %	24 hr. Mov. — mi.	Sea L. 30.46 in.	
Ppn. Liq. — in.	Prev. Dir.	3 hr. Tend. /1.0 mb	
Ppn. Sol. — in.	Snow Depth T in.	Observer JAS	

0700	1300	1900
Clds. 3/10 Ci St	Clds.	Clds. 0/10
Wx —	Wx	Wx clear
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 25$

$HDD = 40$

$CDD = 0$

$\Sigma HDD = 639$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.49''$

$\Sigma PCN_S = 10.6''$

$T_{davis} = 23/12$

$T_{unv} = 23/14$

$T_w = M$

$T_d = 12$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Meteorological Observatory
Univeristy Park, PA

Wednesday, 24 March, 2004 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 46 °F	Dir. WSW	Temp 76 °F	*OVERNIGHT LOW ~ 30°
Min. 23* °F	Vel. 2 m.p.h.	Read. 29.28 in.	
Set 31 °F	Char. steady	Corr. 29.15 in.	
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 30.55 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.2 mb	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer AGM	

	0700	1300	1900
Clds.	2/10 Ci, Ac	9/10 St	10/10 Ns
Wx	Fair	—	-RASH
Vis.	25 mi.	25 mi.	20 mi.

T = 35

HDD = 30

Σ HDD = 669

T_{DAVIS} = 33°/19°

T_{UNV} = 34°/19°

T_W = N/A

T_D = 19°

ΣPCN_L = 2.49"

ΣPCN_S = 10.6"

PCN_{TB} = 0

ΣPCN_{TB} = N/A

Meteorological Observatory
Univeristy Park, PA

Thursday, 25 March 2004 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. W	Temp 78 °F	*ovnt low 44 1655 - 2010 LT - RA occl RA 2300 - 2310 LT - RA 2:05 - 230 LT - RA 300 - 315 LT - RA 535 - 1655 LT - RA		
Min. 31 * °F	Vel. 3 m.p.h.	Read. 29.30 in.			
Set 45 °F	Char. light	Corr. 29.16 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.57 in.	Clds. 10/10 St	Clds.	Clds. Sc 10% BKN IN OVC
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb	Wx FG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SMM	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

T = 43

#DD = 22

Σ HDD = 691

T_{davis} = 46/41

T_{unv} = 46/41

T_W = N/A

T_D = 41°

ΣPCN_L = 2.56"

ΣPCN_S = 10.6

PCN_{TB} = M

ΣPCN_{TB} = N/A

Friday, March 26, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. —	Temp 80 °F			
Min. 40 °F	Vel. — m.p.h.	Read. 29.25 in.			
Set 42 °F	Char. Calm	Corr. 29.11 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.51 in.	Clds. Ci 10/10 Sc	Clds. Ci 9/10 ac	Clds. 9/10 Ac Sc
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. — +0.9 mb	Wx HZ	Wx —	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 12 mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T} = 52$

$HDD = 13$

$\Sigma HDD = 704$

$T_{Davis} = 48/43$

$T_{UNV} = 44/42$

$T_w = 37$

$T_D = 30$

$\Sigma PCN_L = 2.56"$

$\Sigma PCN_S = 10.6"$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Saturday, March 27, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. WSW	Temp 79 °F	-SHRA 1020 - 1050 LT -SHRA 2040 - 2050 LT -SHRA 2100 - 2110 LT -SHRA 2320 - 2350 LT -RA 0040 - 0455 LT
Min. 42* °F	Vel. 4 m.p.h.	Read. 29.10 in.	*Overnight Low = 57°
Set 57 °F	Char. Light	Corr. 28.95 in.	
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	
Ppn. Liq. 0.14 in.	Prev. Dir. —	3 hr. Tend. ✓ 0.1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	

0700	1300	1900
Clds. 10/10 Sc	Clds.	Clds. 1/10 As
Wx FG	Wx gorgeous day	Wx fair
Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 57°$
HDD = 8
CDD = 0
ΣHDD = 712
ΣCDD = 0

$T_{DAVIS} = 56°/56°$
$T_{UNV} = 57°/57°$

$T_W = 54°$
$T_D = 52°$

PCNLTB = M
ΣPCNLTB = M

ΣPCNL = 2.70"
ΣPCNS = 10.6"

Sunday, 28 March, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. ENE	Temp 77.5 °F			
Min. 43 °F	Vel. 6 m.p.h.	Read. 29.23 in.			
Set 43 °F	Char. breezy	Corr. 29.10 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.51 in.	Clds. 10/10 St, Cu	Clds. 0/10	Clds. 1/10 Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↓ +1.7 mb	Wx overcast	Wx Third gorgeous day in a row	Wx sweet evening
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 57$

HDD = 8

ΣHDD = 720

$T_{DANS} = 43.5°/40°$

$T_{UNV} = 43°/39°$

$T_W = 41°$

$T_D = 36°$

$\Sigma PCN_L = 2.70"$

$\Sigma PCN_S = 10.6"$

$PCN_{LTB} = 0$

$\Sigma PCN_{LTB} = N/A$

Monday, 29 March, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SSE	Temp 77 °F			
Min. 42 °F	Vel. 1 m.p.h.	Read. 29.23 in.			
Set 43 °F	Char. steady	Corr. 29.10 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.49 in.	Clds. 9 St, Cu, 10 Cs to West	Clds. 2/10 Ci Sc	Clds. 5/10 Ci St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. mb	Wx cloudy	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 53$

$HDD = 12$

$\Sigma HDD = 733$

$T_{DAVIS} = 43°/35°$

$T_{UNV} = 45°/34°$

$T_w = 39°$

$T_D = 35°$

$\Sigma PCN_L = 2.70"$

$\Sigma PCN_S = 10.6"$

$PCN_{LTB} = 0$

$\Sigma PCN_{LTB} = N/A$

Tuesday March 30, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir. ESE	Temp 80 °F			
Min. 35 °F	Vel. 5 m.p.h.	Read. 29.00 in.			
Set 36 °F	Char. light	Corr. 28.87 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 5/10 ci sc	Clds.	Clds. 10/10 St, Ns
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. ↘ 1.0 mb	Wx —	Wx	Wx - RA
Ppn. Sol. — in.	Snow Depth 0 in.	Observer JAS	Vis. 25 mi.	Vis. mi.	Vis. 7 mi.

$\bar{T} = 48$

$HDD = 17$

$\Sigma HDD = 749$

$CDD = 0$

$\Sigma PCN_L = 2.70"$

$\Sigma PCN_S = 10.6"$

$T_{davis} = 36/25$

$T_{UNV} = 36/25$

$T_w = 30$

$T_d = 26$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Wednesday, 31 March, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. S	Temp 79 °F	* OVERNIGHT LOW ~41°F 1800-0200LT: -RA, OCNL RA 1900-2130 LT		
Min. 36* °F	Vel. 1 m.p.h.	Read. 28.78 in.			
Set 42 °F	Char. light	Corr. 28.64 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 10/10 St, Ns	Clds. 10/10 St	Clds. St, 10/10 Ns
Ppn. Liq. 0.21 in.	Prev. Dir. —	3 hr. Tend. ✓ +0.1 mb	Wx Tops Mt. obscured; otherwise overcast	Wx —	Wx -RA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 3.0 mi.	Vis. 15 mi.	Vis. 7 mi.

$\bar{T}$ = 40°
HDD = 25
ΣHDD = 774

T_{DMS} = 40.5°/40°
T_{UNV} = 41°/41°

T_W = 41°
T_D = 40°

ΣPCN_L = 2.91"
ΣPCN_S = 10.6"

MARCH TEMPS.

$\bar{T}_{MAX}$ = 48.5
$\bar{T}_{MIN}$ = 31.0
$\bar{T}_{MAR}$ = 39.77

PCN_{LTD} = 0
ΣPCN_{LTD} = N/A