Monday, December 1, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. W	Temp 72 °F	* OVNT LOW 43°		
Min. * 35 °F	Vel. 20G30 m.p.h.	Read. 28.66 in.			
Set 43 °F	Char. Gusty	Corr. 28.54 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. M mi.	Sea L. 29.90 in.	Clds. Sc. 3/10	Clds. 10/10 Sc	Clds. 10/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. -1.6 mb	Wx Blustery.	Wx Windy	Wx Windy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T}$: 42

HDD: 23

CDD: 0

ΣHDD: 23

ΣCDD: 0

ΣPCN_L: 0.00

ΣPCN_S: 0.0

T_{DAVIS}: 44/32

T_{UNV}: 45/28

T_W: 38

T_O: 34

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

Tues, Dec 2, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. W	Temp 70 °F	09:40 - 10:45 LT - SNSH 11:00 - 11:15 LT - SNSH 12:00 - 12:10 LT - SNSH 12:40 - 13:55 LT - SN 14:15 - 14:40 LT - SNSH →		
Min. 28 °F	Vel. 15 m.p.h.	Read. 29.02 in.			
Set 28 °F	Char. gusty	Corr. 28.91 in.			
			0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 4/10 Sc	Clds. 6/10 Sc	Clds. 7/10 Sc
Ppn. Liq. .02 in.	Prev. Dir. —	3 hr. Tend. ↓ +1.0 mb	Wx —	Wx	Wx
Ppn. Sol. 0.5 in.	Snow Depth trace in.	Observer SGH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 36$
HDD = 29
CDD = 0
ΣHDD = 52
ΣCDD = 0
$\Sigma PCN_L = .02"$
$\Sigma PCN_S = .5"$

$T_{RAVIS} = 28/16$
$T_{UNV} = 28/12$

$T_W = 26$
$T_D = 24$

14:45 - 15:05 LT - SNSH
15:25 - 15:50 LT - SNSH
23:00 - 23:00 LT - SNSH
23:40 - 23:50 LT - SNSH
00:20 - 00:25 LT - SNSH
00:35 - 00:50 LT - SNSH

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

Wednesday, December 3, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. SW	Temp 70 °F	-SNSH 1030-1110LT +SNSH 1110-1130LT -SNSH 1130-1200LT		
Min. 20 °F	Vel. 3 m.p.h.	Read. 29.32 in.			
Set 20 °F	Char. light	Corr. 29.21 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. M mi.	Sea L. 30.68 in.	Clds. Sc 1/10	Clds. 6/10 Cu Sc Ci	Clds. CLR
Ppn. Liq. 0.03 in.	Prev. Dir. M	3 hr. Tend. +1.6 mb	Wx Brisk	Wx	Wx
Ppn. Sol. 0.5 in.	Snow Depth T in.	Observer JEP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 26
HDD: 39
CDD: 0
Σ HDD: 91
Σ CDD: 0
ΣPCN_L: 0.05
ΣPCN_B: 1.0

T_{Davis}: 20/14
T_{UNV}: 19/12

T_W: 19
T_D: 16

PCN_{TB}: M
ΣPCN_{TB}: M

Thursday, December 4, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. SE	Temp 70° °F			
Min. 20 °F	Vel. 3 m.p.h.	Read. 29.23 in.			
Set 21 °F	Char. Light	Corr. 29.11 in.	0700	1300	1900
R.H. M %	24 hr. Mov. – mi.	Sea L. 30.57 in.	Clds. Cu, Cs, As 10/10	Clds. 10/10 As	Clds. 10/10 St
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. −0.0 mb	Wx	Wx Hz	Wx Hz
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer BPM	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T} = 26^{\circ}$

HDD = 39

CDD = 0

ΣHDD =

ΣCDD = 0

$T_{UUV} = 21^{\circ}$

$T_{Davis} = 22^{\circ}$

$T_W = M$

$T_D = 17^{\circ}$ (Davis)

ΣPCNL =

PCNLTB = M

ΣPCNLTB = M

Friday, December 5, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. ENE	Temp 70 °F	*OVNT LOW 28° -SN 0215-0615 LT SN 0615-0855 LT		
Min. 21 * °F	Vel. 6 m.p.h.	Read. 29.00 in.			
Set 28 °F	Char. Steady	Corr. 28.89 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.32 in.	Clds. 10/10 NS	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 0.09 in.	Prev. Dir. M	3 hr. Tend. \-2.0 mb	Wx -SN, FG	Wx SN	Wx -SN
Ppn. Sol. 0.9 in.	Snow Depth 1 in.	Observer JEP	Vis. 1/2 mi.	Vis. 1/2 mi.	Vis. 1/2 mi.

$\bar{T}$: 27

HDD: 38

CDD: 0

ΣHDD: 168

ΣCDD: 0

ΣPCN_L: 0.14

ΣPCN_S: 1.9

T_{Davis}: 28/26

T_{UNV}: 28/24

T_w: 28

T_D: 28

PCN_{TB}: 0.04

ΣPCN_{TB}: m

Saturday December 6, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. NNE	Temp 71 °F	- SN 0700 - 0558 OCNL SN		
Min. 23 °F	Vel. 5 m.p.h.	Read. 28.80 in.			
Set 23 °F	Char. Steady	Corr. 28.68 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 29.98 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 SF
Ppn. Liq. 0.70 in.	Prev. Dir. -	3 hr. Tend. -0.0 mb	Wx -SN	Wx	Wx -
Ppn. Sol. 9.5 in.	Snow Depth 7 in.	Observer JAS	Vis. 1/2 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 27$

$HDD = 38$

$CDD = 0$

$\Sigma HDD = 206$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.84$

$\Sigma PCN_S = 11.4$

$T_{daily} = 24/23$

$T_{unv} = 25/19$

$T_W = 23$

$T_d = 23$

$PCN_{76} = 0.44$

$\Sigma PCN_{76} = M$

Sunday, December 7, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 28 °F	Dir. W	Temp 70 °F	0730 - 1040 LT - SN 1200 - 1225 LT - SN 1345 - 1425 LT - SN		
Min. 17 °F	Vel. 6 m.p.h.	Read. 28.88 in.			
Set 18 °F	Char. Steady	Corr. 28.76 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 9/10 Sc	Clds.	Clds. Clear
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ✓1.0 mb	Wx —	Wx	Wx —
Ppn. Sol. T in.	Snow Depth 6 in.	Observer SMM	Vis. 2 3 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 23$

$HDD = 43$

$CDD = 6$

$\Sigma HDD = 248$

$\Sigma CDD = 0$

$\Sigma PCN = 0.84$

$\Sigma PCN_s = 11.4$

$T_{davis} = 18/12$

$T_{unv.} = 19/10$

$T_w = 16$

$T_d = 12$

$PCN\,TB = N1$

$\Sigma PCN\,TB = N1$

Monday December 8, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. NW	Temp 70 °F	* OVNT LOW 22° -SNSH 0800-1100LT		
Min. 18* °F	Vel. 4 m.p.h.	Read. 28.97 in.			
Set 22 °F	Char. light	Corr. 28.86 in.	0700	1300	1900
R.H. 89 %	24 hr. Mov. M mi.	Sea L. 30.31 in.	Clds. Sc, Cs, 4/10 Cc	Clds. Ci 7/10 Cs	Clds. Ci 6/10 Cu
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. +0.5 mb	Wx Chilly	Wx	Wx —
Ppn. Sol. T in.	Snow Depth 5 in.	Observer JEP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 25

HDD: 40

CDD: 0

ΣHDD: 288

ΣCDD: 0

ΣPCWL: 0.84

ΣPCWS: 11.4

T_{DAVIS}: 22/18

T_{UNV}: 21/15

T_W: 20

T_O: 18

PCWTB: m

ΣPCWTB: m

Tues, Dec 9, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. —	Temp 71 °F			
Min. 20 °F	Vel. — m.p.h.	Read. 28.97 in.			
Set 28 °F	Char. Calm	Corr. 28.85 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 10/10 Ci Cc	Clds. 10/10 St Sc	Clds. 10/10 NS
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. +.5mb	Wx —	Wx	Wx - RA
Ppn. Sol. — in.	Snow Depth 5 in.	Observer SGH	Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 28$

$HDD = 37$

$CDD = 0$

$\Sigma HDD = 325$

$\Sigma CDD = 0$

$\Sigma PCN_L = .84$

$\Sigma PCN_S = 11.4$

$T_{Davis} = 28/34$

$T_{UNV} = 30/23$

$T_W = 26$

$T_D = 22$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Wednesday, December 10, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. SSE	Temp 72 °F	*OVNT LOW 32 -RA 1830-1915LT -RA 1980-2030LT
Min. * 28 °F	Vel. 4 m.p.h.	Read. 28.86 in.	
Set 32 °F	Char. light	Corr. 28.74 in.	
R.H. 82 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. M	3 hr. Tend. \-1.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer JEP	

0700	1300	1900
Clds. 10/10 Ci Cs St	Clds. 1/10 St	Clds. 10/10 Ns
Wx HZ	Wx -DZ	Wx -RA
Vis. 10 mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T}$: 32

HDD: 33

CDD: 0

ΣHDD: 358

ΣCDD: 0

ΣPCN_L: 0.86

ΣPCN_S: 11.4

T_{DAVIS}: 33/28

T_{UNV}: 32/24

T_W: 30

T_D: 27

PCN_{TB}: M

ΣPCN_{TB}: M

Thursday, December 11, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. WSW	Temp 73 °F	1 -RA 1345-2300 LT RA, OCM + RA, 2300-0630 LT -RA 0630-0855 LT
Min. 32 * °F	Vel. 13 m.p.h.	Read. 28.26 in.	
Set 44 ` °F	Char. Gusty	Corr. 28.13 in.	* Overnight Low = 44°

0700	1300	1900
Clds. 10/10 Sc NS	Clds. Sc 10/10 NS	Clds. 10/10 St Sc
Wx -RA	Wx -Dz	Wx Windy
Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.47 in.	3 hr. Tend. 10.5 mb
Ppn. Liq. 1.69 in.	Prev. Dir. —		
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer BPM	

$\bar{T} = 41°$

HDD = 24

CDD = 0

ΣHDD = 382

ΣCDD = 0

ΣPCML = 2.55"

$T_{Davis} = 44°$

$T_{MNU} = 46°$

$T_W = 44°$

$T_D = 44°$

PCMLTB = 1.17"

ΣPCMLTB = M

Friday, December 12, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. WNW	Temp 72 °F	-RA 0700-0800 LT
Min. 29 °F	Vel. 10 m.p.h.	Read. 28.87 in.	-GS 1245-1300 LT
Set 29 °F	Char. Gusty	Corr. 28.75 in.	-DZ 1800-1500 LT (OCCNL)
R.H. 72 %	24 hr. Mov. M mi.	Sea L. 30.16 in.	-SN 0630-0855 LT
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. +2.0 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JEP	

0700	1300 *20Z	1900
Clds. 10/10 NS	Clds. 7/10 Cu Sc	Clds. 10/10 Sc St
Wx -SN	Wx	Wx
Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T}$: 37

HDD: 28

CDD: 0

ΣHDD: 410

ΣCDD: 0

Σ PCNc: 2.55

Σ PCNs: 11.4

T_{DAVIS} : 29/20

T_{UNV} : 30/17

T_W : 26

T_O : 21

PCN$_{TB}$: M

Σ PCN$_{TB}$: M

Saturday, December 13, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. —	Temp 68 °F	0855 - 830 LT -SN 2100 - 2130 LT -SN		
Min. 20 °F	Vel. 0 m.p.h.	Read. 29.22 in.			
Set 21 °F	Char. calm	Corr. 29.10 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.56 in.	Clds. 4/10 Ci Cu	Clds.	Clds. 10/10 St
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /1.5 mb	Wx —	Wx	Wx —
Ppn. Sol. T in.	Snow Depth — in.	Observer SMM	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$\overline{T} = 26$

$HDD = 39$

$CDD = 0$

$\Sigma HDD = 449$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.55$

$\Sigma PCN_S = 11.4$

$T_{davis} = 20|14$ $T_W = 19$

$T_{unv} = 21|14$ $T_D = 15$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Sunday December 14, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. ENE	Temp 70 °F	4 OUR NT LOW -23°
Min. * 19 °F	Vel. 5 m.p.h.	Read. 28.96 in.	0240 - 0700 -SN
Set 23 °F	Char. light	Corr. 28.85 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. \1.0 mb	
Ppn. Sol. 1.0 in.	Snow Depth 1.0 in.	Observer JAS	

0700	1300	1900
Clds. 10/10 NS	Clds.	Clds. 10/10 BNS
Wx -SN	Wx	Wx -SN
Vis. 1/2 mi.	Vis. mi.	Vis. 1 mi.

$\bar{T} = 24$

$HDD = 41$

$CDD = 0$

$\Sigma HDD = 490$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.65$

$\Sigma PCN_S = 12.4$

$T_{davis} = 24/22$

$T_{UNV} = 25/19$

$T_w = 23$

$T_d = 23$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Monday, December 15, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. W	Temp 70 °F	*OVNT LOW 25° -SN 0700-1245 LT SN 1245-1345 LT -SN 1345-1440 LT SN 1440-0000 LT -SN 0400-0855 LT (OCCNL)
Min. 23* °F	Vel. 12 m.p.h.	Read. 28.70 in.	
Set 32 °F	Char. Gusty	Corr. 28.59 in.	
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 29.99 in.	
Ppn. Liq. 0.59 in.	Prev. Dir. M	3 hr. Tend. /+3.0 mb	
Ppn. Sol. 5.9 in.	Snow Depth 5 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 NS	10/10 SC	10/10 SC
Wx	-SN	Wx	Wx —
Vis.	10 mi.	25 mi.	20 mi.

T: 28
HDD: 37
CDD: 0
ΣHDD: 527
ΣCDD: 0
ΣPCN_L: 3.24
ΣPCN_S: 18.3

T_{DAVIS}: 32/29
T_{UNV}: 34/28

T_W: 30
T_D: 27

PCN_{TB}: 0.28
ΣPCN_{TB}: M

Tues, Dec 16, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 34 °F	Dir. —	Temp 70 °F	obs - 7:45 ocnl - SNSH 08:25 - 08:35 - SNSH 08:50 - 09:20 - SNSH 09:40 - 10:05 - SNSH 10:30 - 10:45 - SNSH
Min. 19 °F	Vel. — m.p.h.	Read. 28.94 in.	
Set 19 °F	Char. Calm	Corr. 28.83 in.	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	
Ppn. Liq. trace in.	Prev. Dir. —	3 hr. Tend. — +0.0 mb	
Ppn. Sol. trace in.	Snow Depth 4 in.	Observer SGH	

	0700	1300	1900
Clds.	Clds. Ci 2/10 St	Clds. Ci 3/10 Cs	Clds. 2/10 Ci
Wx	Wx FG	Wx HZ	Wx HZ
Vis.	Vis. 4 mi.	Vis. 15 mi.	Vis. 20 mi.

$\bar{T} = 27$

$HDD = 38$

$CDD = 0$

$\Sigma HDD = 565$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.24$

$\Sigma PCN_S = 18.3$

$T_{Davis} = 20/18$

$T_{UNV} = 17/14$

$T_W =$

$T_D = 18$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Wednesday, December 17, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. —	Temp 72 °F	-RA 0315-OBSLT
Min. 19 ★ °F	Vel. 0 m.p.h.	Read. 28.55 in.	★OVNT LOW 34°
Set 34 °F	Char. Calm	Corr. 28.43 in.	
R.H. 92 %	24 hr. Mov. M mi.	Sea L. 29.81 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. M	3 hr. Tend. \-2.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 3 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 NS	10/10 Sc	8/10 Sc
Wx	-RA, FG	Fg	
Vis.	1.5 mi.	20 mi.	25 mi.

$\bar{T}$: 31
HDD: 34
CDD: 0
ΣHDD: 599
ΣCDD: 0
ΣPCN_L: 3.26
ΣPCN_S: 11.3

T_{DAVIS}: 34/32
T_{UNV}: 32/30

T_W: 33
T_O: 32

PCN_{TB}: M
ΣPCN_{TB}: M

Thursday, December 18, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. WSW	Temp 72 °F	-RA 0815-0745LT -SN 0745-0815LT SN 0815-0930LT -SN 0930-1230LT OCNL-SN 1400LT-0000LT
Min. 25 °F	Vel. 8 m.p.h.	Read. 28.19 in.	
Set 25 °F	Char. Variable	Corr. 28.36 in.	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.77 in.	
Ppn. Liq. 0.20 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	
Ppn. Sol. 0.7 in.	Snow Depth 3 in.	Observer BPM	

	0700	1300	1900
Clds.	7/10 Ci Sc	Clds.	Clds. 4/10 Cu Sc
Wx		Wx	Wx —
Vis.	25 mi.	Vis. mi.	Vis. 20 mi.

HDD = 35
CDD = 0
$\bar{T}$ = 30°
ΣHDD = 634
ΣCDD = 0

T_{UNV} = 27°
T_{Davis} = 25°

T_D = 19°
T_W = M

ΣPCNL = 3.46"

PCNLTB = M
ΣPCNLTB = M

Friday, December 19, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 30 °F	Dir. W	Temp 62 °F	*OVNT LOW 26°
Min. 25 °F	Vel. 4 m.p.h.	Read. 28.62 in.	1120-1355 -SN
Set 26 °F	Char. Steady	Corr. 28.52 in.	400 - OBS - SN
R.H. 90 %	24 hr. Mov. – mi.	Sea L. 29.93 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — mb	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer SMM	

	0700	1300	1900
Clds.	9/10 NS	10/10 St Cu	10/10 St
Wx	-SN	—	—
Vis.	3 mi.	25 mi.	25 mi.

$\bar{T} = 28$

HDD = 37

CDD = 0

ΣHDD = 671

ΣCDD = 0

EPCNL = 3.46

$T_{davis} = 25/22$

$T_{UNIV} = 21/21$

$T_D = 23$

$T_W = 25$

PCNLTB = M

EPCNLTB = M

Saturday December 20, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. West	Temp 72 °F	OVR NT Low - 27°
Min. 25* °F	Vel. 8 m.p.h.	Read. 28.82 in.	- SN 0800 - 0900
Set 27 °F	Char. steady	Corr. 28.70 in.	
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↓ 1.0 mb	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer JAS	

	0700	1300	1900
Clds.	10/10 ST SC	Clds.	Clds. 10/10 NS
Wx	—	Wx	Wx - SN
Vis.	25 mi.	Vis. mi.	Vis. 1 mi.

$\bar{T} = 28$

$HDD = 37$

$CDD = 0$

$\Sigma HDD = 708$

$\Sigma CDD = 0$

$\Sigma DCN_L = 3.46$

$\Sigma PCN_S = 19.0$

Tdavis 27/22

Tmin 28/21

$T_w = 24$

$T_d = 21$

$PCN_{T_B} = M$

$\Sigma DCN_{T_B} = M$

Sunday December 21, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. WSW	Temp 70 °F	-SN 1400-1410 -SN 1650-1730 } OCCL +SN -SN 1800-2120 } LAKE-EFFECT BAND
Min. 18 °F	Vel. 4 m.p.h.	Read. 29.08 in.	
Set 21 °F	Char. light	Corr. 28.97 in.	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	
Ppn. Sol. 2.7 in.	Snow Depth 4 in.	Observer JAS	

	0700	1300	1900
Clds.	9/10 ST SC		CLR
Wx	—		
Vis.	25 mi.	mi.	25 mi.

$\bar{T} = 25$

$HDD = 40$

$CDD = 0$

$\Sigma HDD = 748$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.57$

$\Sigma DCN_6 = 21.7$

$T_{days} = 22/17$

$T_{UNO} = 23//6$

$T_w = M$

$T_d = M$

$DCN_{TB} > M$

$\Sigma PCN_{TB} = M$

Meteorological Observatory
Univeristy Park, PA

Monday, December 22, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. SW	Temp 72 °F	* CNUT LOW 36°
Min. * 21 °F	Vel. 10 m.p.h.	Read. 29.91 in.	
Set 44 °F	Char. gusty	Corr. 29.78 in.	
R.H. 43 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. — steady mb	
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer SMM	

	0700	1300	1900
Clds.	Clds. 4/10 AC 5t	Clds. St BKN IN Sc OVC	Clds. St 10/10 Sc
Wx	Wx	Wx	Wx —
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 33$

$HDD = 32$

$CDD = 0$

$\Sigma HDD = 780$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.57$

$\Sigma PCN_S = 21.7$

$T_{davis} = 43|23$

$T_{unv} = 42|17$

$T_w = 36$

$T_d = 23$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Tuesday, December 23, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. NW	Temp 72 °F	2330 - 2340 LT -RA 0015 - 0030 LT -RA 0045 - 0100 LT -RA 0130 - 0200 LT -RA
Min. 41 °F	Vel. 2 m.p.h.	Read. 28.83 in.	
Set 44 °F	Char. light	Corr. 28.71 in.	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \-1.5 mb	
Ppn. Sol. — in.	Snow Depth 1 in.	Observer SMM	

	0700	1300	1900
Clds.	7/10 Ci	Clds.	Clds. 5/10 Ci St
Wx		Wx	Wx
Vis.	20 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 45$

HDD = 20

CDD = 0

$\Sigma HDD = 800$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.57$

$\Sigma PCN_S = 21.7$

$T_{davis} = 44/43$

$T_{unv} = 42/39$

$T_w = 40$

$T_d = 35$

PCNTB = M

$\Sigma PCNTB = M$

Wednesday, December 24, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. SW	Temp 75 °F	625-OBS LT -RA		
Min. 41 °F	Vel. 6 m.p.h.	Read. 28.57 in.			
Set 50 °F	Char. steady	Corr. 28.44 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. – mi.	Sea L. 29.78 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St
Ppn. Liq. T in.	Prev. Dir. –	3 hr. Tend. \ -2.0mb	Wx -RA	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SMM	Vis. 20 mi.	Vis. 8 mi.	Vis. 15 mi.

$\bar{T} = 49$

$HDD = 16$

$CDD = 0$

$\Sigma HDD = 816$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.57$

$\Sigma PCN_S = 2.7$

$T_{davis} = 51/49$

$T_{uno} = 51/48$

$T_W = 47$

$T_d = 44$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

THURSDAY, 25 DECEMBER 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 51 °F	Dir. W	Temp 75 °F	-RA, OCCL RA 045-1030 LT -RASN 1030-1045 LT -SN, OCCL-SN 1045-1315 LT -DZ 1730-1830 -SHSN 0630-035
Min. 30 °F	Vel. 8 m.p.h.	Read. 28.75 in.	
Set 31 °F	Char. STEADY	Corr. 28.62 in.	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	
Ppn. Liq. 0.44 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	
Ppn. Sol. 0.2 in.	Snow Depth 0 in.	Observer WJS	

0700	1300	1900
Clds. 10/10 Ns Sc	Clds.	Clds. St 10/10 SC
Wx -SHSN	Wx	Wx
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 41$

$HDD = 24$

$\Sigma HDD = 840$

$\Sigma PCN_L = 4.01"$

$\Sigma PCN_S = 21.9"$

$T_{DMS} = 31/26$

$T_{UNV} = 32/23$

$T_W = N/A$

$T_D = 26$

Meteorological Observatory
Univeristy Park, PA

Friday, December 26, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. WNW	Temp 74 °F	-SNSH OBS - 0720 LT -SN 1900 - 2010 LT -SN 2300 - 2335 LT -SN 0200 - 0220 LT
Min. 26 °F	Vel. 15 m.p.h.	Read. 28.96 in.	
Set 29 °F	Char. Gusty	Corr. 28 83 in.	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer BPM	

	0700	1300	1900
Clds.	10/10 Sc	7/10 Cu Sc	0/10 CLR
Wx	Cold		
Vis.	25 mi.	25 mi.	25 mi.

T = 29°

HDD = 36

CDD = 0

ΣHDD = 876

ΣCDD = 0

T_{Davis} = 29°

T_{UNV} = 30°

T_W = N/A

T_D = 25°

ΣPCNL = 4.01"

PCNLTB = M

ΣPCNLTB = M

Meteorological Observatory
Univeristy Park, PA

Saturday, December 27, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. W	Temp 76 °F			
Min. 28 °F	Vel. 4 m.p.h.	Read. 29.41 in.			
Set 29 °F	Char. Light	Corr. 29.00 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. Ci Cu Sc 3/10	Clds.	Clds. 0/10 CLR
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /2.0 mb	Wx Thin Valley Fog	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	Vis. 17 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 22°

HDD = 33

CDD = 0

ΣHDD = 909

ΣCDD = 0

T_{UNV} = 28°

T_{Davis} = 29°

T_w = M

T_D = 24°

PCMLTD = M

ΣPCMLTD = M

ΣPCML = 4.01"

Meteorological Observatory
Univeristy Park, PA

Sunday, December 28, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. NW	Temp 76° °F			
Min. 23 °F	Vel. 2 m.p.h.	Read. 29.19 in.			
Set 23 °F	Char. Light	Corr. 29.05 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	Clds. 5/10 Ci Contrails	Clds.	Clds. 0/10 CLR
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 1.0 mb	Wx Hz, Valley Fg	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 33°

CDD = 0

HDD = 32

ΣCDD = 0

ΣHDD = 941

ΣPCNL = 4.01"

T_{univ} = 23°

T_{Davis} = 25°

T_w = M

T_D = 23°

PCNLTB = M

ΣPCNLTB = M

Monday, December 29, 2003 — 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 46 °F	Dir. WSW	Temp 76° °F	* Overnight Low = 27°
Min. 23* °F	Vel. 1 m.p.h.	Read. 28.99 in.	
Set 27 °F	Char. Light	Corr. 28.85 in.	
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \ 1.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	

	0700	1300	1900
Clds.	Clds. Ci Cc Ac 4/10	Clds. Cc Ac 3/10	Clds. Ac Sc 9/10
Wx	Wx Thin Valley Fg	Wx	Wx BINOVC
Vis.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 35°
HDD = 30
CDD = 0
ΣHDD = 971
ΣCDD = 0

T_{daily} = 27°
T_{Dew} = 29°

T_w = N/A
T_D = 26°

ΣPCNL = 4.01"

PCNLTB = M
ΣPCNLTB = M

Tuesday, December 30, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. WSW V WNW	Temp 76 °F	-RA OCNL RA 0200 - 0605 LT -RA 0615 - 0620 LT
Min. 27* °F	Vel. 10 m.p.h.	Read. 28.65 in.	
Set 42 °F	Char. Gusty	Corr. 28.51 in.	*Overnight Low = 42°
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.87 in.	
Ppn. Liq. 0.26 in.	Prev. Dir. —	3 hr. Tend. ↗3.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	

0700	1300	1900
Clds. 10/10 Sc	Clds. 10/10 Sc	Clds. 10/10 Sc
Wx FROPA	Wx Breezy	Wx
Vis. 25 mi.	Vis. 25 mi.	Vis. X mi.

$\bar{T} = 41°$

HDD = 21

CDD = 0

ΣHDD = 995

ΣCDD = 0

$T_{DAV} = 43°$

$T_{DAVG} = 42°$

$T_W = 39°$

$T_D = 36°$

ΣPLNL = 427"

PLNLTB = M

ΣPLNLTB = M

Wednesday, December 31, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 42 °F	Dir. WSW	Temp 76° °F	-DZ 0810-0820 LT -DZSN 1010-1035 LT -SN 1120-1145 LT -SN 1550-1605 LT		
Min. 28 °F	Vel. 2 m.p.h.	Read. 29.11 in.			
Set 29 °F	Char. Light	Corr. 28.97 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	Clds. 5/10 Sc Ci	Clds. 3/10 Cc Ac	Clds. 0/10 CLR
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \ 1.0 mb	Wx what a Sunrise!	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer BPM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 35°$
HDD = 30
CDD = 0
ΣHDD = 1025
ΣCDD = 0

$T_{DAVIS} = 29°$
$T_{UNIV} = 28°$

$T_W = M$
$T_D = 25°$

ΣPCNL = 4.27"

DEC. TEMPS

$\bar{T}_{MAX} = 38.5$
$\bar{T}_{MIN} = 24.9$
$\bar{T}_{DEC} = 31.7$

PCNLTB = M
ΣPCNLTB = M