Saturday, February 1, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. ENE	Temp 74 °F	★OUNTLOW 30° -Shsn 0930-1040 LT -Sn 1550-2115 LT -Sn 2230-0300 LT Sn 0340-065
Min. 26★ °F	Vel. 4 m.p.h.	Read. 28.68 in.	
Set 32 °F	Char. Light	Corr. 28.55 in.	
R.H. 94 %	24 hr. Mov. M mi.	Sea L. 29.95 in.	
Ppn. Liq. 0.16 in.	Prev. Dir. M	3 hr. Tend. \-1 mb	
Ppn. Sol. 1.9 in.	Snow Depth 2 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 Ns	Clds.	Clds. 10/10 Ns
Wx	Sn	Wx	Wx -SN
Vis.	0.5 mi.	Vis. mi.	Vis. 3 mi.

F: 30
HDD: 35
CDD: 0
Σ HDD: 35
Σ CDD: 0
Σ P(N$_L$): 0.16
Σ P(N$_S$): 1.9

T_{DAVIS}: 31/30
T_{DNV}: 30/28

J_W: —
T_D: 30

P(N$_{TB}$): 0.00
Σ P(N$_{TB}$): 0.00

Sunday February 2 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. W	Temp 74 °F	*OVNT Low 34 SN Obs - 0730 LT -FZRA 0845 - 930 LT -SN 930 - 1110 LT -SN 1215 - 1630 LT -SN 1730 - 1820 LT		
Min. 32 °F	Vel. 8 m.p.h.	Read. 28.67 in.			
Set 34 °F	Char. Gusty	Corr. 28.55 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. 10/10 st	Clds.	Clds. 1/10 cu
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. ↑ +1.0 mb	Wx windy	Wx	Wx Brsk
Ppn. Sol. 0.4 in.	Snow Depth 2 in.	Observer RJM	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 35$

HDP = 30

CDD = 0

ε HDD = 65

ε CDD = 0

$\varepsilon PCN_1 = 0.20$

$\varepsilon PCN_5 = 2.3$

$T_{Daus} = 34/28$

$T_{unv} = 33/24$

$T_w = —$

$T_D = 28$

$PCN_{TB} = 0.00$

$\varepsilon PCN_{TB} = 0.00$

Monday February 3, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. —	Temp 74 °F	-SHSN 1030-1100 LT		
Min. 24 °F	Vel. 0 m.p.h.	Read. 28.81 in.			
Set 24 °F	Char. Calm	Corr. 28.68 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 7/10 Ac, Ci	Clds. 10/10 Sc	Clds. 10/10 St
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. Steady mb	Wx -Fg	Wx	Wx OCC NC SPRINKLES
Ppn. Sol. T in.	Snow Depth T in.	Observer KRV	Vis. 5 mi.	Vis. 25 mi.	Vis. 12 mi.

$\bar{T}$: 31
HDD: 34
CDD: 0
ΣHDD: 99
ΣCDD: 0
ΣPON_L: 0.20
ΣPON_S: 2.3

T_{Davis}: 25/22
T_{UNV}: 23/19*
*112

T_w: —
T_D: 22

PON_{TS}: 0.00
ΣPON_{TS}: 0.00

TUESDAY FEBRUARY 4 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. SW	Temp 75 °F	- OCCNL -RA 1845 - 1945 LT -RA OCCNL RA 0000 - OBS LT - OVNT LOW 37
Min. 24 °F	Vel. 5 m.p.h.	Read. 28.18 in.	
Set * 39 °F	Char. Gusty	Corr. 28.05 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.40 in.	
Ppn. Liq. 0.44 in.	Prev. Dir. —	3 hr. Tend. ↓-3.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer M.M.M.	

	0700	1300	1900
Clds.	10/10 Ns	10/10 Ns	3/10 Acu
Wx	-RA	-SN	Windy
Vis.	3 mi.	7 mi.	10 mi.

$\bar{T}$ = 32

HDD = 33

CDD = 0

ΣHDD = 132

ΣCDD = 0

ΣPCNL = 0.64

ΣPCNS = 2.3

TDAVG = 39/37

TMAV = 37/37

TW = —

TD = 39

Wednesday, February 5, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. W	Temp 74 °F	-RA 800 ~~1000~~ -SN 1120 - 1230 -SN 1400 - 000 -SN 300 - 445		
Min. 20 °F	Vel. 12 m.p.h.	Read. 28.79 in.			
Set 20 °F	Char. Gusty	Corr. 28.86 in.	0700	1300	1900
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 6/10 Ac	Clds. Ac, Sc 8/10	Clds. Clear
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. + 2 mb	Wx Windy	Wx Breezy	Wx Cool
Ppn. Sol. 0.2 in.	Snow Depth T in.	Observer RAK	Vis. 15 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T} = 30°$

$HDD = 35$

$CDD = 0$

$\Sigma HDD = 167$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.67"$

$\Sigma PCN_S = 2.5"$

$T_{davis} = 20/10$

$T_{UNV} = 19/8$

$T_w =$ [redacted]

$T_d = 10°$

Thursday February 6, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 24 °F	Dir. —	Temp 74 °F	-SHSN 0720 - 0900 LT -SHSN 1015 - 1120 LT
Min. 13 °F	Vel. 0 m.p.h.	Read. 29.14 in.	
Set 14 °F	Char. Calm	Corr. 29.01 in.	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer KRV	

0700	1300	1900
Clds. 2/10 Ci	Clds. 10/10 St	Clds. 10/10 NS
Wx -Fg valley	Wx ~~Ra~~ Cool	Wx -Sn
Vis. 8 mi.	Vis. 20 mi.	Vis. 8 mi.

$\bar{T}$: 19

HDD : 46

CDD : 0

ΣHDD : 213

ΣCDD : 0

ΣPCN_L : 0.67

ΣPCN_S : 2.5

T_{Oavis} : 15/8

T_{UWV} : 12/6

T_W : —

T_D : 8

Meteorological Observatory
Univeristy Park, PA

Friday February 7, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. —	Temp 74 °F	*OVNT low 25 -SN 1600 - 1815 LT OCCL-SN 1815-2030 -SN 2030 -- obs
Min. 14* °F	Vel. 6 m.p.h.	Read. 28.75 in.	
Set 26 °F	Char. Calm	Corr. 28.63 in.	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. L -0.5 mb	
Ppn. Sol. 1.1 in.	Snow Depth 1 in.	Observer RJM	

	0700	1300	1900
Clds.	10/10 NS	10/10 St, Sc	9/10 Sc, St
Wx	-SN	+IZ	C001
Vis.	3/8 mi.	8 mi.	20 mi.

$\bar{T} = 23$

HDD = 42

CDD = 0

Σ HDD = 255

Σ CDD = 0

Σ PCN$_L$ = 0.79

Σ PCN$_S$ = 3.6

$T_{Davis} = 26/25$

$T_{unv} = 24/23$

$T_w = -$

$T_D = 25$

Saturday, February 8, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. WSW	Temp 74 °F	-Shsn Obs-1050LT
Min. 15 °F	Vel. 15 m.p.h.	Read. 28.88 in.	
Set 15 °F	Char. Steady	Corr. 28.75 in.	
R.H. 71 %	24 hr. Mov. M mi.	Sea L. 30.16 in.	
Ppn. Liq. 0.08 in.	Prev. Dir. M	3 hr. Tend. /+1 mb	
Ppn. Sol. 0.8 in.	Snow Depth 2 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 St	Clds.	Clds. Clear
Wx	Hz	Wx	Wx Cool
Vis.	15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 24
HDD: 41
CDD: 0
ΣHDD: 296
ΣCDD: 0
$\Sigma P(N_L)$: 0.82
$\Sigma P(N_S)$: 4.4

T_{DAVIS}: 15/7
T_{UNIV}: 14/6

T_{IN}: —
T_O: 7

$P(N_{TB})$: 0.00
$\Sigma P(N_{TB})$: 0.00

Sunday February 9, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 24 °F	Dir. SW	Temp 73 °F	-SHSN 0645-obs 0802-1000 LT
Min. * 14 °F	Vel. 8 m.p.h.	Read. 28.78 in.	
Set 24 °F	Char. Light	Corr. 28.66 in.	MOUNT LOW 17

0700	1300	1900
Clds. 10/0 NS	Clds.	Clds. 4/0 CU
Wx -SHSN	Wx	Wx cool
Vis. 15 mi.	Vis. mi.	Vis. 8 mi.

R.H.	24 hr. Mov.	Sea L.	Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Ppn. Sol.	Snow Depth	Observer
72 %	- mi.	30 09 in.	T in.	-	STEADY mb	T in.	2 in.	RJM

$\bar{T} = 19$

$HDD = 46$

$CDD = 0$

$\Sigma HDD = 342$

$\Sigma CDD = 0$

$\Sigma PCN_1 = 0.80$

$\Sigma PCN_S = 44$

$T_{Davis} = 24/16$

$T_{Tanv} = 23/12$

$T_w = -$

$T_D = 16$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Monday February 10, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. J	Temp 74 °F	-SN 065 - 0710 LT -SN 0845 - 0930 LT -SN 1100 - 1200 LT -SN 1509 - 1600 LT -SN 0645 - 065[illegible] LT *Overnight Low 29°
Min. 24 °F	Vel. 2 m.p.h.	Read. 28.65 in.	
Set 30* °F	Char. Light	Corr. 28.52 in.	

0700	1300	1900
Clds. 10/10 Ns	Clds. 10/10 Ns	Clds. 3/10 Sc
Wx -SHSN	Wx -Sn	Wx BLOWING SNOW
Vis. 3 mi.	Vis. 2 mi.	Vis. 15 mi.

R.H.	24 hr. Mov.	Sea L.	Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Ppn. Sol.	Snow Depth	Observer
73 %	— mi.	29.92 in.	T in.	—	-1.9 mb	T in.	1 in.	KRV

$\bar{T}$: 28

HDD: 37

CDD: 0

ΣHDD: 379

ΣCDD: 0

ΣPCN_L: 0.82

ΣPCN_S: 4.4

T_{davis}: 30/22

T_{UNV}: 27/17*

*11 2

T_W: —

T_0: 22

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

TUESDAY FEBRUARY 18 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. WNW	Temp 72 °F	*0800-1300 LT -SN (0.8" W/ 0.06" LIQ EQV.)		
Min. 9 °F	Vel. 4 m.p.h.	Read. 28.64 in.	1300-1945 LT -SN/BLSN		
Set 9 °F	Char. GUSTY	Corr. 28.52 in.	+SHSN 2100-2145LT (1.5" W/ 0.10" LIQ EQV)		
			0700	1300	1900
R.H. 61 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. 3/10 Ci	Clds. 10/10 NS	Clds. 3/10 Hs
Ppn. Liq.* 0.16 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx	Wx -Sn	Wx BLSN
Ppn. Sol.* 2.3 in.	Snow Depth 3 in.	Observer J.M.M.	Vis. 25 mi.	Vis. 2 mi.	Vis. 2 mi.

$\bar{T}$ = 21

HDD = 45

CDD = 0

ΣHDD = 424

ΣCDD = 0

ΣPCN_L = 0,98

ΣPCN_S = 6.7

TDAYS = 9/0

TUNV = 7/3

TW = —

TD = 0

[redacted]WTB = 0.00

[redacted]WTB = 0.00

Wednesday, February 12, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. NW	Temp 74 °F	PK wind 60 mph 0430 *Overnight low 17° Frpa 0400		
Min. 7* °F	Vel. 24 m.p.h.	Read. 28.60 in.	-SN 1000-1400 SN 1400-1615 -SN 1615-1740 (over)		
Set 17 °F	Char. Gusty	Corr. 28.47 in.	0700	1300	1900
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. 5/10 Ac	Clds. 5/10 Ac,Cu	Clds. 2/10 Ci
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. 7+9 mb	Wx BLSN Windy	Wx Blustery	Wx Windy
Ppn. Sol. 4.2 in.	Snow Depth 5 in.	Observer RAK	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T} = 19$

$HDD = 46$

$CDD = 0$

$\Sigma HDD = 469$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.13''$

$\Sigma PCN_S = 10.9''$

$T_{davis} = 16/4$

$T_{nwr} = 18/-5$

$T_w = -$

$T_d = 4°$

(cont.)

SN 0400-0515

OLSN 0400-0BS

$PCN_{TB} = 0.00''$

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

Thursday, February 13, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 21 °F	Dir. WSW	Temp 73 °F	-SHSN 1215-1230 LT -SHSN ~1700 LT -SHSN 0445-065		
Min. 13 °F	Vel. 10 m.p.h.	Read. 28.79 in.			
Set 14 °F	Char. Gusty	Corr. 28.67 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 10/10 Ns	Clds. 9/10 Sc, Ac	Clds. 6/10 As, Sc
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. Steady mb	Wx -SN	Wx Windy	Wx Cold
Ppn. Sol. T in.	Snow Depth 4 in.	Observer KRV	Vis. 1 mi.	Vis. 22 mi.	Vis. 15 mi.

$\bar{T}$: 17
HDD: 48
CDD: 0
ΣHDD: 517
ΣCDD: 0
ΣPCN_L: 1.13
ΣPCN_S: 10.9

T_{davis}: 14/8
T_{ONV}: 12/-4

T_w: —
T_D: 8

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Friday February 14, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 21 °F	Dir. WSW	Temp 73 °F	*OVNT Low 16 -SN obs -820LT SN 820 - 840 LT -SN 840 - 930 LT Flurries 1700-1715LT / 2110-2120LT		
Min. 14* °F	Vel. 4 m.p.h.	Read. 28.96 in.			
Set 16 °F	Char. Light	Corr. 28.84 in.	0700	1300	1900
R.H. 55 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. 5/10 Cu	Clds. 9/10 Ci, Cs	Clds. 10/10 Cs
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +/1.5 mb	Wx Brisk	Wx Nice	Wx
Ppn. Sol. 0.5 in.	Snow Depth 5 in.	Observer RJM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 18$

HDD = 47

CDD = 0

ΣHDD = 564

ΣCDD = 0

$\Sigma PCN_Q = 1.15''$

$\Sigma PCN_S = 11.4''$

$T_{Davis} = 16/7$

$T_{unv} = 14/(-13)$

SENSOR BAD

T_w : —

$T_D = 7$

$PCN_{TD} = 0.00$

$\Sigma PCN_{TD} = 0.00$

Saturday, February 15, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. NNE	Temp 73 °F	★OVNT Low 23
Min. 16* °F	Vel. 4 m.p.h.	Read. 28.97 in.	
Set 23 °F	Char. Steady	Corr. 28.85 in.	
R.H. 57 %	24 hr. Mov. M mi.	Sea L. 30.26 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. /+2 mb	
Ppn. Sol. 0 in.	Snow Depth 3 in.	Observer JEP	

	0700	1300	1900
Clds.	Clds. 10/10 Sc	Clds.	Clds. 1/10 Ci
Wx	Wx Chilly	Wx	Wx Cool
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 24
HDD: 41
CDD: 0
ΣHDD: 605
ΣCDD: 0
ΣPCN_L: 1.15
ΣPCN_S: 11.4

T_{DAVIS}: 23/10
T_{UNV}:

T_W: —
T_O: 10

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Sunday February 16, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 23 °F	Dir. N	Temp 74 °F	-SN 0600 - obs		
Min. 7 °F	Vel. 7 m.p.h.	Read. 29.28 in.			
Set 7 °F	Char. Steady	Corr. 29.16 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.67 in.	Clds. 10 BKN NS	Clds.	Clds. 10/10 NS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +/-0.5 mb	Wx ← SN	Wx	Wx -SN
Ppn. Sol. T in.	Snow Depth 3 in.	Observer RSM	Vis. 1 mi.	Vis. mi.	Vis. 3/8 mi.

$\bar{T} = 15$

HDD = 50

CDD = 0

εHDD = 655

εCDD = 0

$\varepsilon PCN_I = 1.15$

$\varepsilon PCN_S = 11.4$

$T_{Davis} = 8/-2$

$T_{unv} = 6/-7$

$T_w = 0$

$T_D = -2$

$PCN_{TD} = 0.00$

$\varepsilon PCN_{TD} = 0.0$

Monday February 17, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 16 °F	Dir. ENE	Temp 72 °F	*Evening Low 11° Temps rose overnight -SN Obs - 2000 LT SN 2000 - 0300 LT +SN 0300 - 06s LT Records ⇒		
Min. 6* °F	Vel. 10 m.p.h.	Read. 28.96 in.			
Set 15 °F	Char. Steady	Corr. 28.84 in.			
			0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 10/10 Ns	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 1.43 in.	Prev. Dir. —	3 hr. Tend. 71.6 mb	Wx +SN	Wx -Sn	Wx -Sn
Ppn. Sol. 14.0 in.	Snow Depth 15 in.	Observer KRV	Vis. 0.25 mi.	Vis. 1.25 mi.	Vis. 2 mi.

$\bar{T}$: 11
HDD: 54
CDD: 0
ΣHDD: 709
ΣCDD: 0
ΣPCN_L: 2.58
ΣPCN_S: 25.4

T_{daVIS}: 16/13
T_{DNV}: 16/12

T_W: —
T_D: 13

Record liquid, Old 0.72 1976
Record snow, Old 4.5 1903

PCN_{TB}: 0.63
ΣPCN_{TB}: 0.63

TUESDAY FEB 18 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 25 °F	Dir. —	Temp 73 °F	*OVNT LOW 19 +SN 0DS - 0830 LT ^SN 0830 - 0DS OCCNL PRECIP BREAKS & -FZDZ
Min. * 15 °F	Vel. 0 m.p.h.	Read. 28.79 in.	
Set 20 °F	Char. CALM	Corr. 28.67 in.	**STORM TOTAL THRU 0DS 18.2"

0700	1300	1900
Clds. 10/10 NS	Clds. 10/10 St, Sc	Clds. 10/10 As
Wx - SHSN	Wx Cool	Wx -Br
Vis. 3 mi.	Vis. 5 mi.	Vis. 5 mi.

R.H. 91 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	
Ppn. Liq. .42 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. ** 4.2 in.	Snow Depth 17 in.	Observer M.M.M.	

$\bar{T} = 20$

$HDD = 45$ $\quad$ $T_{DAVIS} = 20/18$ $\quad$ $T_W = \text{—}$

$CDD = 0$ $\quad$ $T_{UNV} =$ $\quad$ $T_D = 15$

$\Sigma HDD = 754$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.00$

$\Sigma PCN_S = 29.6$

$PCNTB = 0.21$

$\Sigma PCNB = 0.84$

Wednesday, February 19, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. SW	Temp 74 °F	*Overnight low 27° -SN OBS - 1030
Min. 20* °F	Vel. 8 m.p.h.	Read. 29.04 in.	
Set 27 °F	Char. STEADY	Corr. 28.91 in.	
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 mb	
Ppn. Sol. T in.	Snow Depth 16 in.	Observer PAK	

0700	1300	1900
Clds. 10/10 St	Clds. 3/10 Ci	Clds.
Wx -fg	Wx	Wx
Vis. 4 mi.	Vis. 20 mi.	Vis. mi.

$\bar{T} = 26°$

$HDD = 39$

$CDD = 0$

$\Sigma HDD = 793$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.00"$

$\Sigma PCN_S = 29.6"$

$T_{davis} = 27/23$

$T_{WW} = 27/21$

$T_w = \_$

$T_d = 23°$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TB} = 0.84"$

Thursday February 20, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. W	Temp 74 °F	*Overnight Low 33° -DZ 2130 - 2209 LT
Min. * 26 °F	Vel. 5 m.p.h.	Read. 29.12 in.	
Set 33 °F	Char. Steady	Corr. 28.99 in.	

	0700	1300	1900
R.H. 70 %	Clds. 9/10 St	Clds. Clear	Clds. Clear
Ppn. Liq. T in.	Wx Hz	Wx Nice	Wx Cold
Ppn. Sol. 0.00 in.	Vis. 10 mi.	Vis. 20 mi.	Vis. 20 mi.
24 hr. Mov. — mi.			
Sea L. 30.41 in.			
Prev. Dir. —			
3 hr. Tend. 12.0 mb			
Snow Depth 13 in.			
Observer KRV			

$\bar{F}$: 33

HDD: 32

CDD: 0

ΣHDD: 825

ΣCDD: 0

ΣPCN_L: 3.00

ΣPCN_S: 29.6

T_{davis} = 32/24

T_{UNV} = 34/21

T_w = —

T_D = 24

PCN_{TB}: 0.00"

ΣPCN_{TB}: 0.84"

Friday February 21, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. –	Temp 74 °F			
Min. 17 °F	Vel. 0 m.p.h.	Read. 28.93 in.			
Set 17 °F	Char. calm	Corr. 28.81 in.	0700	1300	1900
R.H. 95 %	24 hr. Mov. – mi.	Sea L. 30.27 in.	Clds. 3/10 Ci	Clds. 10/10 St/Cs	Clds. 10/10 St
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. -0.5 mb	Wx -Fg (valley)	Wx Hz	Wx -Fg
Ppn. Sol. 0.0 in.	Snow Depth 12 in.	Observer RJM	Vis. 25 mi.	Vis. 20 mi.	Vis. 8 mi.

$\bar{T} = 31$

$HDD = 34$

$CDD = 0$

$\Sigma HDD = 859$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.00''$

$\Sigma PCN_S = 29.6$

$T_{Davis} = 21/16$

$T_{unv} = 12/16$

$T_W = —$

$T_D = 16$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Saturday, February 22, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. E	Temp 74 °F	-Ra 1700-1800 LT -Ra 2030-2115 LT -Ra 0145-0515 LT (OCCASIONAL)
Min. 17 * °F	Vel. 4 m.p.h.	Read. 28.60 in.	
Set 35 °F	Char. Light	Corr. 28.47 in.	*COUNT LOW 35°
R.H. 97 %	24 hr. Mov. M mi.	Sea L. 29.84 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. M	3 hr. Tend. \-2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 10 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 Ns	Clds.	Clds. 10/10 St
Wx	-Ra, Fg	Wx	Wx Hz
Vis.	2 mi.	Vis. mi.	Vis. 5 mi.

T : 36

HDD : 35

CDD : 0

ΣHDD : 394

ΣCDD : 0

ΣPCN_L : 3.04

ΣPCN_S : 29.6

T_{DAVIS} : 36/35

T_{UNV} : 36/33

T_M : —

T_D : 34

PCN_{TB} : 0.00

ΣPCN_{TB} : 0.00

Sunday February 23, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. SW	Temp 75 °F	*OVNT Low 38 -RA/RA 0700 - 1330LT -RA 0400 - 0600 LT
Min. 35* °F	Vel. 2 m.p.h.	Read. 27.94 in.	
Set 38 °F	Char. Light	Corr. 27.81 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.16 in.	
Ppn. Liq. 0.71 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. 0.0 in.	Snow Depth 7 in.	Observer RJM	

0700	1300	1900
Clds. 10/10 NS	Clds.	Clds. 2/10 Cu
Wx -RA, Fg	Wx	Wx Windy
Vis. 2 mi.	Vis. mi.	Vis. 8 mi.

$\bar{T} = 38$

$T_{Davis} = 35/35$

$T_{Univ} = 35/35$

$T_W = 38$

$T_D = 38$

HDD = 27

CDD = 0

$EHDD = 421$

$ECDD = 0$

$EPCN_L = 3.75$

$EPCN_S = 29.6$

$PCN_{TB} = 0.00$

$EPCN_{TB} = 0.00$

Monday February 24, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 38* °F	Dir. —	Temp 74 °F	-RA Obs - 0730 LT -SHSN, OCNL Flurries 2100 – 2300 LT *Morning max
Min. 19 °F	Vel. 0 m.p.h.	Read. 28.93 in.	
Set 21 °F	Char. Calm	Corr. 28.80 in.	

0700	1300	1900
Clds. 10/10 St	Clds. 10/10 Ns	Clds. 6/10 Sc Ac
Wx Cool	Wx -Sn	Wx BLSN
Vis. 10 mi.	Vis. 1.5 mi.	Vis. 10 mi.

R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. L1.0 mb	
Ppn. Sol. T in.	Snow Depth 6 in.	Observer KRV	

$\bar{T}$: 29
HDD: 36
CDD: 0
ΣHDD: 957
ΣCDD: 0
ΣPCN_L: 3.75
ΣPCN_S: 29.6

T_{Davis}: 20/15
T_{UNV}: 19/16

T_W: —
T_D: 15

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

TUESDAY FEBRUARY 25 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. WNW	Temp 73 °F	* 1.3" by 1530LT, .2" SINCE -SN 0900-1530 LT OCNL - SN 1530 - OBS LT		
Min. 18 °F	Vel. 10 m.p.h.	Read. 29.11 in.			
Set 18 °F	Char. GUSTY	Corr. 28.99 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.45 in.	Clds. 5/10 Sc	Clds. 6/10 Ci,Cu	Clds. 2/10 Ci
Ppn. Liq. .11 in.	Prev. Dir. —	3 hr. Tend. ↗+1.5 mb	Wx OCNL FLURRIES	Wx	Wx Cold
Ppn. Sol.* 1.5 in.	Snow Depth 8 in.	Observer M.M.M.	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{F}$ = 25

HDD = 40

CDD = 0

ΣHDD = 997

ΣCDD = 0

ΣPCNL = 3.86

ΣPCNS = 31.1

TBAVIS = 18/7

TWNV = 19/10

TW = —

TD = 7

PCNTB = 0.00

ΣPCNTB = 0.00

Wednesday, February 26, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 25 °F	Dir. E	Temp 74 °F	OCCL -SN 0700-800		
Min. 15 °F	Vel. 10 m.p.h.	Read. 29.16 in.			
Set 15 °F	Char. STEADY	Corr. 29.03 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.51 in.	Clds. 10/10 As	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. → 0 mb	Wx (O)IG	Wx -SHSN	Wx -SHSN
Ppn. Sol. T in.	Snow Depth 6 in.	Observer RAK	Vis. 20 mi.	Vis. 1.5 mi.	Vis. 8 mi.

$\bar{T} = 20$

$T_{davis} = 16/6$

$T_w = -$

$HDD = 45$

$T_{wv} = 14/3$

$T_d = 6°$

$CDD = 0$

$\Sigma HDD = 1042$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.86"$

$\Sigma PCN_S = 31.1"$

$PCN_{TD} = 0.00$

$\Sigma PCN_{TD} = 0.00$

Thursday February 27, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 24 °F	Dir. —	Temp 74 °F	-SN 1110 - 1500 LT -SN 1600 - 1730 LT -SN 2030 - 2130 LT -SN, SG (Occnl.) 0400 - 0631 LT *Overnight Low 20°		
Min. 15* °F	Vel. 0 m.p.h.	Read. 29.00 in.			
Set 21 °F	Char. Calm	Corr. 28.87 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 10/10 St	Clds. 10/10 NS	Clds. 10/10 St
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. 10.5 mb	Wx -Fg, SG	Wx -SN	Wx Hz
Ppn. Sol. 0.3 in.	Snow Depth 6 in.	Observer KRV	Vis. 5 mi.	Vis. 6 mi.	Vis. 7 mi.

$\bar{T}$: 20

HDD: 45

CDD: 0

ΣHDD: 1087

ΣCDD: 0

Σ PON$_L$: 3.89

Σ PON$_S$: 31.4

$T_{oaw's}$: 21/18

T_{UNV} :

T_w : —

T_o : 18

PON$_{TB}$: 0.00

Σ PON$_{TB}$: 0.00

Meteorological Observatory
Univeristy Park, PA

Friday February 28, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 27 °F	Dir. –	Temp 74 °F	*OVNT LO 25 -SN 0090 - 0120 LT -SN 0400 - obs OCCL Flurries (-SG MUCH OF TIME 085 - 2100
Min. 21* °F	Vel. 0 m.p.h.	Read. 28.83 in.	** 2nd Snowiest February **
Set 25 °F	Char. Calm	Corr. 28.71 in.	
R.H. 88 %	24 hr. Mov. – mi.	Sea L. 30.13 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. –	3 hr. Tend. STEADY mb	
Ppn. Sol. 0.2 in.	Snow Depth 6 in.	Observer RJM	

	0700	1300	1900
Clds.	10/10 NS	10/10 NS	10/10 St
Wx	-SN	--SN	Gloomy
Vis.	1.5 mi.	8 mi.	10 mi.

$\bar{T} = 24$

$HDD = 41$

$CDD = 0$

$\Sigma HDD = 1128$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.91"$

$\Sigma PCN_S = 31.6"$

$T_{Davis} = 24/22$

$T_{unv} = 25/23$

$T_w = -$

$T_D = 22$

FEB TEMPS

$\bar{T}_{MAX} = 31.3$

$\bar{T}_{MIN} = 17.7$

$\bar{T}_{FEB} = 24.5$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$