Wednesday January 1, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. NNE	Temp 78 °F	FEW SPRINKLES ~1801-1900 LT 31ST RB ~0600 LT 1ST
Min. 35* °F	Vel. 2 m.p.h.	Read. 28.78 in.	*OVNT LOW 42
Set 42 °F	Char. -	Corr. 28.65 in.	
R.H. 96 %	24 hr. Mov. M mi.	Sea L. 30.02 in.	
Ppn. Liq. 0.11 in.	Prev. Dir. M	3 hr. Tend. +0.1 ↗ mb	
Ppn. Sol. 0 in.	Snow Depth T in.	Observer FJG	

0700	1300	1900
Clds. 10/10 St	Clds.	Clds. 10/10 St
Wx LIGHT RAIN	Wx	Wx Fg, Windy
Vis. 2 mi mi.	Vis. mi.	Vis. 2 mi.

$\bar{T} = 43$ T_{DAVIS} 42/41 $T_d = 4'$

T_{UNIV}

$HDD = 22$

$CDD = 0$

$\Sigma HDD = 22$

$\Sigma CDD = 0$

$\Sigma PCNL = 0.11$

$\Sigma PCNS = 0$

Thursday January 22 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. ENE	Temp 74 °F	* NEW DAILY RECORD (1.01" in 1974) -RA/RA 0700 LT - 0020 LT		
Min. 29 °F	Vel. 9 m.p.h.	Read. 28.73 in.			
Set 29 °F	Char. —	Corr. 29.61 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 10/10 st	Clds. 10/10 st	Clds. 10/10 NS
Ppn. Liq. 1.22* in.	Prev. Dir. —	3 hr. Tend. / +3.0 mb	Wx Brisk	Wx Fg	Wx -SN/IP
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer RJM	Vis. 20 mi.	Vis. 3 mi.	Vis. 1/2 mi.

$\bar{T} = 36$

$T_{Davis} = 30/27$

$T_{unv} = 28/24$

$T_d = 27$

$HDD = 29$

$CDD = 0$

$\Sigma HDD = 51$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.33''$

$\Sigma PCN_S = 0$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Meteorological Observatory
Univeristy Park, PA

Friday January 3, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. NE	Temp 73 °F	-FZRA 1540 - 1700 LT -SN 1800 - 1925 LT -FZRA 1925 - 2000 LT -SN/IP 2045 - 2200 LT -SN 2330 - 0150 LT -SN 0215 - obs
Min. 27 °F	Vel. 2 m.p.h.	Read. 28.76 in.	
Set 28 °F	Char. Light	Corr. 28.64 in.	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	
Ppn. Liq. 0.21 in.	Prev. Dir. —	3 hr. Tend. \ -.08 mb	
Ppn. Sol. 1.2 in.	Snow Depth 1 in.	Observer RJM	

	0700	1300	1900
Clds.	10/10 NS	10/10 NS	10/10 NS
Wx	-SN	-SN	SN
Vis.	1/2 mi.	3/4 mi.	1/2 mi.

$\bar{T} = 30$

$HDD = 35$

$CDD = 0$

$\Sigma HDD = 86$

$\Sigma CDD = 0$

$\Sigma PCN_2 = 1.54''$

$\Sigma PCN_3 = 1.2''$

$T_{pave} = 28/27$

$T_{unv} = 26/24$

$T_0 = 27$

$\Sigma PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Saturday January 4, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. —	Temp 73 °F	-SN Obs - 900 LT -FZRA 0900 - 1036 LT -SN 1036 - 2150 LT
Min. 27 °F	Vel. 0 m.p.h.	Read. 28.72 in.	
Set 27 °F	Char. Calm	Corr. 28.60 in.	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	
Ppn. Liq. 0.40 in.	Prev. Dir. —	3 hr. Tend. +1.8 mb	
Ppn. Sol. 4.5 in.	Snow Depth 5 in.	Observer KRV	

	0700	1300	1900
Clds.	10/10 St	Clds.	10/10 St
Wx	Cold	Wx	Windy
Vis.	2 mi.	Vis. mi.	Vis. 7 mi.

$\bar{T}$: 29

HDD: 36

CDD: 0

ΣHDD: 122

ΣCDD: 0

ΣPCN_L: 1.94

ΣPCN_S: 5.7

T_{Davis}: 27/23

T_{NWS}: 27/21

T_W: –

T_O: 23

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

Sunday January 5, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. —	Temp 72 °F	-SN 0855 - 0930 LT -SN 1090 - 1030 LT		
Min. 24 °F	Vel. 0 m.p.h.	Read. 28.87 in.			
Set 24 °F	Char. Calm	Corr. 28.75 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. 10/10 St	Clds.	Clds. 9/10 St
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -10.2 mb	Wx Cold	Wx	Wx Cold
Ppn. Sol. T in.	Snow Depth 4 in.	Observer KRV	Vis. 2v6 mi.	Vis. mi.	Vis. 10 mi.

$\overline{T}$: 28

HDD: 37

CDD: 0

ΣHDD: 159

ΣCDD: 0

ΣPCN_L: 1.94

ΣPCN_S: 5.7

T_{Davis}: 23/20

T_{UNV}: 25/21

T_w: —

T_D: 20

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

Monday, January 6, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 29 °F	Dir. —	Temp 72 °F	-SN 1055 - 1530 LT -SHSN 1730 - 1800 -SN 0500 - 0655
Min. 22 °F	Vel. 0 m.p.h.	Read. 28.73 in.	
Set 26 °F	Char. Calm	Corr. 28.60 in.	
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. - 1 mb	
Ppn. Sol. 1.6 in.	Snow Depth 5 in.	Observer RAK	

	0700	1300	1900
Clds.	10/10 St	10/10 St	10/10 St
Wx	-SN	-SN	-SN, FG
Vis.	1 mi.	5 mi.	2 mi.

$\bar{T} = 26$

$HDD = 39$

$CDD = 0$

$\Sigma HDD = 198$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.04"$

$\Sigma PCN_S = 7.3"$

$T_{davis} = 26/24$

$T_{wwv} = 27/23$

$T_w = -$

$T_d = 24°$

$PCN_{73} = 0.00"$

$\Sigma PCN_{73} = 0.00"$

Tuesday January 7, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. WSW	Temp 72 °F	-SN 0605 - 1945 LT -SN 0155 - 0230 LT		
Min. 15 °F	Vel. 4 m.p.h.	Read. 28.92 in.			
Set 17 °F	Char. Gusty	Corr. 28.80 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. 7/10 As	Clds.	Clds. 10/10 St
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. +/1.2 mb	Wx Brisk	Wx	Wx Windy
Ppn. Sol. 1.5 in.	Snow Depth 6 in.	Observer KRV	Vis. 8 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 23
HDD: 42
CDD: 0
ΣHDD: 240
ΣCDD: 0
ΣPCN_L: 2.14
ΣPCN_S: 8.8

T_{Davis}: 17/10
T_{UNV}: 16/6

T_w: —
T_Δ: 10

PCN_{TB}: 0.00"
ΣPCN_{TB}: 0.00"

Wednesday, January 8, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. W	Temp 74 °F	* Overnight low 36.5 Temperatures rose steadily overnight 735-945 -SN 1000-0300 BL SN 500-530 -SN
Min. 17* °F	Vel. 14 m.p.h.	Read. 28.27 in.	
Set 36 °F	Char. Gusty	Corr. 28.14 in.	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.48 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. * 0 mb	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer RAR	

	0700	1300	1900
Clds.	10/10 St	Clds.	Clds. 5/10 St
Wx	Windy	Wx	Wx Lt. Wind
Vis.	5 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 27$

$HDD = 38$

$CDD = 0$

$\Sigma HDD = 278$

$\Sigma CDD = 20$

$\Sigma PCN_L = 2.14"$

$\Sigma PCN_S = 8.8"$

$T_{daily} = 35/31$

$T_{unv} = 36/28$

$T_w = -$

$T_d = 31°$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TB} = 0.00"$

Thursday, January 9, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 46 °F	Dir. WSW	Temp 74 °F	★OUNT LOW 37 -SHRA 0710-0730 LT		
Min. 35★ °F	Vel. 12 m.p.h.	Read. 28.18 in.			
Set 42 °F	Char. Gusty	Corr. 28.05 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. M mi.	Sea L. 29.39 in.	Clds. 6/10 St	Clds.	Clds. 5/10 Cu
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. 12.5 mb	Wx Windy	Wx	Wx Brisk
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer JEP	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 41

HDD: 24

CDD: 0

ΣHDD: 302

ΣCDD: 0

ΣPCN_L: 2.14

ΣPCN_S: 8.8

T_{DAVIS}: 42/32

T_{UNV}: 41/28

T_N: 33

T_D: 30

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

Meteorological Observatory
Univeristy Park, PA

Friday January 10, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. NW	Temp 74 °F	-SHSN 0515 - 0530 LT		
Min. 33 °F	Vel. 12 m.p.h.	Read. 28.37 in.			
Set 33 °F	Char. Gust 20 mph	Corr. 28.25 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.64 in.	Clds. 8/10 st	Clds. 7/10 st	Clds. 10/10 ns
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+2.3 mb	Wx windy	Wx chilly	Wx -SN
Ppn. Sol. T in.	Snow Depth 0 in.	Observer RJM	Vis. 25 mi.	Vis. 20 mi.	Vis. 1/2 mi.

$\bar{T} = 41$

$HDD = 24$

$CDD = 0$

$\Sigma HDD = 326$

$\Sigma CDD = 0$

$\Sigma PCN_I = 2.14$

$\Sigma PCN_S = 8.8$

$T_{Davis} = 33/\cancel{26}$

$T_{UNV} = 34/21$

$T_D = 26$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Meteorological Observatory
Univeristy Park, PA

Saturday January 11, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. W	Temp 72 °F	-SHSN 1120 - 1150LT -SHSN 1800 - 1830LT -SHSN 2015 - 2100LT -SN 2150 - 2230LT -SHSN 2315 - 2330LT
Min. 18 °F	Vel. 18 m.p.h.	Read. 28.73 in.	
Set 18 °F	Char. Gusting 25	Corr. 28.61 in.	
R.H. 65 %	24 hr. Mov. - mi.	Sea L. 30.05 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -/+1.2 mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer RJH	

0700	1300	1900
Clds. Z 40 SC	Clds.	Clds. Z 10 CU
Wx COLD	Wx	Wx cold
Vis. 25 mi.	Vis. mi.	Vis. 8 mi.

$\bar{T} = 26$

$HDD = 39$

$CDD = 0$

$\Sigma HDD = 365$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.14"$

$\Sigma PCN_S = 8.8"$

$T_{Davis} = 18/8$

$T_{univ} = 18/6$

$T_0 = 8$

$PCN_{18} = 0.00$

$\Sigma PCN_{18} = 0.00$

Sunday January 12, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 24 °F	Dir. W	Temp 72 °F	~~SN~~ 0730 - 0830 -SHSN (LT)		
Min. 17 °F	Vel. 15 m.p.h.	Read. 29.02 in.			
Set 18 °F	Char. Gust 20mph	Corr. 28.7~~1~~ in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 8/10 st	Clds.	Clds. 2/10 Ci
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	Wx Brisk, Fg	Wx	Wx Cool
Ppn. Sol. T in.	Snow Depth T in.	Observer RJM	Vis. 17 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 21$

$T_{Davis} = 18/10$

$T_D = 10$

$T_{UNV} = 18/10$

$HDD = 44$

$CDD = 0$

$\Sigma HDD = 409$

$\Sigma CDD = 0$

$\Sigma PCN_I = 2.14''$

$\Sigma PCN_S = 8.8''$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Monday January 13, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. SW	Temp 72 °F	-SHSN 0740 - 0800 LT		
Min. 18 °F	Vel. 5 m.p.h.	Read. 28.80 in.			
Set 21 °F	Char. Gusty	Corr. 28.68 in.	0700	1300	1900
R.H. 54 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 1/10 Cl	Clds. 7/10 Sc,Ci	Clds. 2/10 Sc
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -12.5 mb	Wx Brisk	Wx Breezy	Wx Breezy
Ppn. Sol. T in.	Snow Depth T in.	Observer KRV	Vis. 15 mi.	Vis. 20 mi.	Vis. 20 mi.

$\overline{T}$: 22

HDD: 43

CDD: 0

ΣHDD: 452

ΣCDD: 0

ΣPCN_L: 2.14

ΣPCN_S: 8.8

T_{Davis}: 22/7

T_{UNV}: 19/5

T_w: —

T_D: 7

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

TUESDAY JAN 14 2002 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. SW	Temp 72 °F	OCCNL FLURRY -SN 1545-1630 LT		
Min. 14 °F	Vel. 4 m.p.h.	Read. 28.82 in.			
Set 16 °F	Char. GUSTY	Corr. 28.70 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. - mi.	Sea L. 30.15 in.	Clds. 5/10 Sc	Clds. 10/10 NS	Clds. 10/10 St
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. STEADY mb	Wx	Wx -SnSh	Wx Cold
Ppn. Sol. T in.	Snow Depth T in.	Observer B.M.M.	Vis. 22 mi.	Vis. 10 mi.	Vis. 20 mi.

$\bar{T}$ = 22

HDD = 43

CDD = 0

ΣHDD = 495

ΣCDD = 0

ΣPCNL = 2.14

ΣPCNS = 8.8

TDAVIS = 15/9

TMNV = 15/8

TW = —

TD = 9

PCNTB = 0.00

ΣPCNTB = 0.00

Wednesday, January 15, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 23 °F	Dir. W	Temp 72 °F	OCCNL FLURRY		
Min. 16 °F	Vel. 2 m.p.h.	Read. 28.91 in.			
Set 16 °F	Char. STEADY	Corr. 28.78 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 2/10 Sc	Clds. 8/10 Sc	Clds. 8/10 St
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx Cold	Wx BRISK	Wx Cold
Ppn. Sol. T in.	Snow Depth T in.	Observer RAK	Vis. 20 mi.	Vis. 20 mi.	Vis. 15 mi.

$\bar{T} = 20$

$HDD = 45$

$CDD = 6$

$\Sigma HDD = 540$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.14"$

$\Sigma PCN_S = 8.8"$

$T_{dark_S} = 16/10$

$T_{unv} = 18/10$

$T_w = -$

$T_d = 10°$

$PCN_{TD} = 0.00"$

$\Sigma PCN_{TD} = 0.00"$

Thursday, January 16, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 20 °F	Dir. —	Temp 72 °F	-SHSN: 0800 - 0910 LT -SHSN: 1320 - 1400 LT -SHSN: 1834 - 1900 LT -SHSN: 0400 - 0430 LT		
Min. 12 °F	Vel. 0 m.p.h.	Read. 29.07 in.			
Set 12 °F	Char. Calm	Corr. 28.95 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. 1/10 CL	Clds. Sc 9/10	Clds. 10/10 NS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. Steady mb	Wx Brisk	Wx COM	Wx -SN
Ppn. Sol. T in.	Snow Depth T in.	Observer KRV	Vis. 20 mi.	Vis. 20 mi.	Vis. 1.5 mi.

$\bar{T}$: 16

HDD: 49

CDD: 0

ΣHDD: 589

ΣCDD: 0

ΣPCN_L: 2.14

ΣPCN_S: 8.8

T_{Davis}: 12/6

T_{ONV}: 10/5

T_W: —

T_D: 6

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

Friday January 17, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 21 °F	Dir. W/SW	Temp 72 °F	-SHSN 1800-1820LT -SN 1845-0215LT		
Min. 11 °F	Vel. 3 m.p.h.	Read. 28.66 in.			
Set 13 °F	Char. Light	Corr. 28.54 in.			
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	0700	1300	1900
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. -/+0.5 mb	Clds. 5/10 st	Clds. 10/10 NS	Clds. 1/10 Ac
Ppn. Sol. 0.9 in.	Snow Depth 1 in.	Observer RJM	Wx Cold	Wx -Shsn	Wx Chilly
			Vis. 20 mi.	Vis. 5 mi.	Vis. 25 mi.

$\bar{T} = 16$

HDD = 49

CDD = 0

ΣHDD = 638

ΣCDD = 0

$\Sigma PCN_1 = 22.1''$

$\Sigma PCN_5 = 9.7''$

$T_{Daily} = 13/10$

$T_{Univ} = 10/8$

$T_w = —$

$T_D = 10$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Saturday, January 19, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 22 °F	Dir. SW	Temp 73 °F	- SHSN 0800 - 1230 LT - SHSN 1300 - 1430 LT		
Min. 4 °F	Vel. 3 m.p.h.	Read. 28.90 in.			
Set 5 °F	Char. Steady	Corr. 28.77 in.			
R.H. 76 %	24 hr. Mov. M mi.	Sea L. 30.26 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. Steady mb	Clds. Ac 3/10	Clds.	Clds.
Ppn. Sol. T in.	Snow Depth 1 in.	Observer JEP	Wx Cold!	Wx	Wx
			Vis. 25 mi.	Vis. mi.	Vis. mi.

$\bar{T}$: 13

HDD: 52

CDD: 0

ΣHDD: 690

ΣCDD: 0

$\Sigma P(N_L$: 2.21

$\Sigma P(N_S$: 9.7

T_{DAVIS}: 5/-1

T_{UNIV}: 3/-2

T_{IN}: –

T_D: -1

$P(N_{TB}$: 0.00

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

Sunday, January 19, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 23 °F	Dir. WSW	Temp 71 °F	* OVNT low 14 -SHSN 0640 - 0650 LT		
Min. 5* °F	Vel. 7 m.p.h.	Read. 28.65 in.			
Set 17 °F	Char. Steady	Corr. 28.53 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 29.17 in.	Clds. 10/10 St	Clds.	Clds. 1/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. Steady mb	Wx -Fg	Wx	Wx Cdd
Ppn. Sol. T in.	Snow Depth 1 in.	Observer RJM	Vis. 15 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 14$

$T_{Days} = 17/11$

$T_{Nav} = 18/8$

$T_W =$

$T_D = 11$

$HDD = 51$

$CDD = 0$

$\Sigma HDD = 741$

$\Sigma CDD = 0$

$\Sigma PCN_J = 2.21$

$\Sigma PCN_S = 9.7$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Monday January 20, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. WNW	Temp 72 °F	*Ovnt Low 21°		-SN 0640
Min. 17 °F	Vel. 15 m.p.h.	Read. 28.52 in.	-SN 0920 - 1200 LT		
Set 21* °F	Char. Gusty	Corr. 28.40 in.	-SN 2315 - 0020 LT		1 OBs
			-SN 0100 - 0620 LT		
			+SN 0620 - 0640 LT		LT
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 29.82 in.	0700	1300	1900
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +2.2 mb	Clds. 10/10 Ns	Clds. Fc, 6/10 Sc, Cu	Clds. 6/10 Ac, Sc
Ppn. Sol. 0.8 in.	Snow Depth 1 in.	Observer KRV	Wx -SN, BLSN	Wx Breezy	Wx
			Vis. 2 mi.	Vis. 25 mi.	Vis. 20 mi.

T_{Davis}: 21/16

T_{UNV}: 21/12

T_W: —

T_b: 16

F: 22

HDD: 43

CDD: 0

ΣHDD: 784

ΣCDD: 0

ΣPCN_L: 2.25

ΣPCN_S: 10.5

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

TUESDAY JANUARY 21 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 22 °F	Dir. WSW	Temp 72 °F	-SN 0800 - 0745 LT -SHSN OBS		
Min. 13 °F	Vel. 3 m.p.h.	Read. 28.68 in.			
Set 15 °F	Char. GUSTY	Corr. 28.58 in.			
			0700	1300	1900
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 10/10 NS	Clds. 5/10 Ac, Sc	Clds. Clear
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx -SHSN	Wx Breezy	Wx cold
Ppn. Sol. T in.	Snow Depth 1 in.	Observer G.M.M.	Vis. 12 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 18$

HDD = 47

CDD = 0

ΣHDD = 821

ΣCDD = 0

ΣPCNL = 2.25

ΣPCNS = 10.5

TDAVIS = 15/6

TMNV = 14/7

TW = -

TD = 6

PCNTB = 0.00

ΣPCNTB = 0.00

Wednesday, January 22, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 20 °F	Dir. WSW	Temp 74 °F	800-900 -SN 645-obs time -SN		
Min. 6 °F	Vel. 7 m.p.h.	Read. 28.88 in.			
Set 9 °F	Char. Gusty	Corr. 28.75 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 6/10 As	Clds. Sc, As, Ac 7/10	Clds.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Flurry	Wx Windy + Cold	Wx
Ppn. Sol. T in.	Snow Depth 1 in.	Observer RAK	Vis. 10 mi.	Vis. 20 mi.	Vis. mi.

$\bar{T} = 13$

$HDD = 52$

$CDD = 0$

$\Sigma HDD = 883$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.25"$

$\Sigma PCN_S = 10.5"$

$T_{davis} = 8/1$

$T_{wvr} = 9/1$

$T_L = -$

$T_d = 1^0$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TB} = 0.00"$

Thursday January 23, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 16 °F	Dir. W	Temp 73 °F	-SHSN: 0615-0730 LT -SHSN: 1300-1400 LT -SHSN: 1515-1600 LT
Min. 3 °F	Vel. 5 m.p.h.	Read. 28.83 in.	
Set 4 °F	Char. Gusty	Corr. 28.71 in.	
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. Steady mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer KRV	

	0700	1300	1900
Clds.	6/10 Cu	6/10 Ac, Sc, Ci	Ns 10/10
Wx	Cold	Cold	-Sn
Vis.	10 mi.	20 mi.	4 mi.

$\bar{T}$: 10

HDD: 55

CDD: 0

ΣHDD: 938

ΣCDD: 0

ΣPCN_L: 2.25"

ΣPCN_S: 10.5"

T_{Davis}: 4/-4

T_{NWS}: 3/-2

T_W: —

T_D: -4

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

Friday January 24, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 12 °F	Dir. WNW	Temp 72 °F	*OUNT Lo 5 -SN 1515-2100 LT
Min. 4* °F	Vel. 8 m.p.h.	Read. 29.03 in.	
Set 7 °F	Char. Gusty	Corr. 28.91 in.	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.41 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +2.5 mb	
Ppn. Sol. 0.2 in.	Snow Depth T in.	Observer RJM	

	0700	1300	1900
Clds.	3/10 Cu	1/10 Ci, Sc	Clds. Sc, 8/10 AC, AS
Wx	B. Hail	Breezy	Wx
Vis.	20 mi.	25 mi.	Vis. 20 mi.

$\bar{T} = 8$

$HDD = 57$

$CDD = 0$

$\Sigma HDD = 995$

$\Sigma CDD = 0$

$\Sigma PCN_1 = 2.26''$

$\Sigma PCN_5 = 10.7''$

$T_{Dmin} = 7/-1$

$T_{min} = 6/-2$

$T_w = —$

$T_D = -1$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Saturday, January 25, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 25 °F	Dir. WSW	Temp 72 °F	-SHSN 1650-1720 LT -SHSN 1830-1910 LT
Min. 7 °F	Vel. 9 m.p.h.	Read. 29.05 in.	
Set * 16 °F	Char. Steady	Corr. 28.93 in.	* OVNT LOW IS
R.H. 67 %	24 hr. Mov. M mi.	Sea L. 30.39 in.	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. Steady mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer JEP	

0700	1300	1900
Clds. 10/10 Sc	Clds.	Clds. 8/10 Ci
Wx	Wx	Wx Cold
Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 16
HDD: 49
CDD: 0
Σ HDD: 1044
Σ CDD: 0
$\Sigma P/N_L$: 2.26
$\Sigma P/N_S$: 10.7

T_{DAVIS}: 1617
T_{UNV}:

T_W: —
T_D: 7

P/N_{TB}: 0.00
$\Sigma P/N_{TB}$: 0.00

Sunday January 26, 2003 — 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. SW	Temp 72 °F	*OVNT LO 20 -SHSN 1400-1600		
Min. 16* °F	Vel. 2 m.p.h.	Read. 28.84 in.			
Set 26 °F	Char. Light	Corr. 28.72 in.	0700	1300	1900
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 10/10 st	Clds.	Clds. 10/10 st
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend.* ↘ -1.0 mb	Wx Chilly	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer RJM	Vis. 15 mi.	Vis. mi.	Vis. 8 mi.

$\bar{T} = 21$

$HDD = 44$

$CDD = 0$

$\Sigma HDD = 1088$

$\Sigma CDD = 0$

$\Sigma PCN_l = 2.26$

$\Sigma PCN_s = 10.7$

$T_{Davis} = 26/13$

$T_{UNV} = 26/10$

$T_{wc} =$ —

$T_D = 13$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Monday January 27, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 28 °F	Dir. NW	Temp 73 °F	-SN 0850 - 1110 LT -SN 1409 - 1815 LT -SN 2030 - 2100 LT		
Min. 5 °F	Vel. 10 m.p.h.	Read. 29.16 in.			
Set 5 °F	Char. Steady	Corr. 29.04 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.55 in.	Clds. 1/10 Ci	Clds. 3/10 Cu, Ac	Clds. 1/10 Sc
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +/10 mb	Wx Windy	Wx Cool	Wx
Ppn. Sol. 0.3 in.	Snow Depth T in.	Observer KRV	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 17$

$HDD = 48$

$CDD = 0$

$\Sigma HDD = 1136$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.28$

$\Sigma PCN_S = 11.0$

$T_{DAVIS} = 4/-4$

$T_{UNIV} = 3/-4$

$T_W = —$

$T_D = -4$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

TUESDAY JANUARY 28 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 16 °F	Dir. WSW	Temp 74 °F	* OVNT LOW 9 -SN 0430-0615 LT		
Min. * 5 °F	Vel. 2 m.p.h.	Read. 28.93 in.			
Set 10 °F	Char. Steady	Corr. 28.81 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 Ns
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. L -1.5 mb	Wx	Wx C001	Wx -SN
Ppn. Sol. T in.	Snow Depth T in.	Observer J.M.M.	Vis. 10 mi.	Vis. 15 mi.	Vis. 10 mi.

$\bar{T}$ = 11

HDD = 65

CDD = 0

ΣHDD = 1191

ΣCDD = 0

ΣPCNL = 2.28

ΣPCNS = 11.0

TDAVIS = 10/4

TKNV = 10/9

TW = —

TD = 4

PCNTB = 0.00

ΣPCNTB = 0.00

Wednesday, January 29, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 27 °F	Dir. —	Temp 73 °F	*over night low 24°		
Min. 10* °F	Vel. 0 m.p.h.	Read. 28.84 in.	1900 – OBS -SN		
Set 24 °F	Char. Calm	Corr. 28.71 in.			
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	0700	1300	1900
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Clds. 10/10 Ns	Clds. 10/10 Ns	Clds. 10/10 St
Ppn. Sol. 0.6 in.	Snow Depth 1 in.	Observer RAR	Wx -SN	Wx -SN	Wx Cool
			Vis. 1 mi.	Vis. 5 mi.	Vis. 10 mi.

$\bar{T} = 19$

HDD = 46

CDD = 0

ΣHDD = 1236

ΣCDD = 0

$\Sigma PCN_L = 2.34''$

$\Sigma PCN_S = 11.6''$

$T_{davis} = 24/22$

$T_{uw} = 21/19$

$T_w = -$

$T_d = 22°$

$PCN_{13} = 0.00''$

$\Sigma PCN_{13} = 0.00''$

Thursday January 30, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. —	Temp 74 °F	-SN OBS - 1045 LT -SHSN 1245 - 1315 LT		
Min. 18 °F	Vel. 0 m.p.h.	Read. 29.18 in.			
Set 19 °F	Char. Calm	Corr. 29.05 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.51 in.	Clds. 2/10 Ci	Clds. Ci, As 4/10	Clds. 3/10 ASCi
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +30.6 mb	Wx Hz, Valley Fog	Wx lt. Breeze	Wx
Ppn. Sol. 0.2 in.	Snow Depth T in.	Observer KRV	Vis. 5 mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T} = 27$

$HDD = 38$

$CDD = 0$

$\Sigma HDD = 1274$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.36$

$\Sigma PCN_S = 11.8$

$T_{davis} = 19/15$

$T_{UNV} = 18/14$

$T_w = —$

$T_b = 15$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Friday January 31, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NW	Temp 74 °F	-SHSN 0450-0540 LT * OVNT LOW 25		
Min. * 17 °F	Vel. 2 m.p.h.	Read. 29.06 in.			
Set 26 °F	Char. Light	Corr. 28.99 in.	* FIRST MONTH ON RECORD WITH PRECIP RECORDED ON EVERY DAY *		
			0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 NS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \-1.0 mb	Wx Fg	Wx Hz	Wx -Sn
Ppn. Sol. T in.	Snow Depth T in.	Observer RSM	Vis. 2 mi.	Vis. 2.5 mi.	Vis. 2.5 mi.

$\bar{T} = 26$

HDD = 39

CDD = 0

ΣHDD = 1313

ΣCDD = 0

$\Sigma PCN_L = 2.36$

$\Sigma PCN_S = 11.8$

$T_{DAVIS} = 26/2[illegible]$

$T_{UNIV} = 24/19$

$T_W = —$

$T_D = 22$

JAN NORMS.

$\bar{T}_{MAX} = 28.7$

$\bar{T}_{MIN} = 16.1$

$\bar{T}_{AVG} = 22.40$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$