Saturday November 1, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. WSW	Temp 70 °F	* OVR NT LOW - 61°		
Min. * 43 °F	Vel. 5 m.p.h.	Read. 29.00 in.			
Set -- 66 °F	Char. light	Corr. 28.89 in.			
			0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10 ST SC	Clds.	Clds. 9/10 ST SC
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. -.5 mb	Wx —	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 59$

$T_{daus} =$

$T_{cnv} = 68/55$

$T_w = 60$

$T_d = 56$

$\Phi_{HOD} = 6$

$\Phi_{COD} = 0$

$S_{HOD} = 6$

$S_{COD} = 0$

$\frac{1}{2} \Phi_{CWL} = 0.00$

$PCW_{TB} = M$

$\frac{1}{2} PCW_{TB} = M$

Sunday
November 2, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. —	Temp 70 °F			
Min. 57 °F	Vel. 0 m.p.h.	Read. 29.02 in.			
Set 57 °F	Char. calm	Corr. 28.91 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. ci 7/10 st ac	Clds.	Clds. 8/10 St Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. −0.0 mb	Wx widely Fg	Wx	Wx Hz mild
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 5 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 65$

HDD = 0

CDD = 0

ΣHDD = 6

ΣCDD = 0

ΣPCN$_L$ = 0.00

$T_{davis} = 57/56$

$T_{unv} = 59/55$

$T_v = 57$

$T_d = 57$

PCN$_{TB}$ = M

ΣPCN$_{TB}$ = M

Monday, November 3, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. —	Temp 72 °F	DZ 1115-1215 LT/OCCNL-RA DZ 1245-1305 LT		
Min. 52 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 52 °F	Char. Calm	Corr. 28.92 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.28 in.	Clds. 1/10 Ci	Clds. 1/10 Cu	Clds. 2/10 Ci
Ppn. Liq. 0.03 in.	Prev. Dir. M	3 hr. Tend. 10.5 mb	Wx Hz, Vally Fog	Wx Hz	Wx HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 5 mi.	Vis. 20 mi.	Vis. 20 mi.

F: 60
HDD: 5
CDD: 0
ΣHDD: 11
ΣCDD: 0
Σ PCN$_c$: 0.03

T_{DAVIS}: 52/52
T_{UNV}: 55/53

T_W: 51
T_D: 50

PCN$_{TB}$: M
Σ PCN$_{TB}$: M

Tues, Nov. 4, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. * 76 °F	Dir. —	Temp 71 °F	* TIES RECORD MAX (1982)		
Min. 50 °F	Vel. — m.p.h.	Read. 28.94 in.			
Set 50 °F	Char. calm	Corr. 28.82 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. 2/10 Ci	Clds. 1/10 Ci	Clds. 1/10 Ci
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. ⌐ +.5 mb	Wx Valley fog	Wx mild	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 63$
$HDD = 2$
$CDD = 0$
$\Sigma CDD = 13$
$\Sigma HDD = 0$
$\Sigma PCN_L = .03''$

$T_{DAVIS} = 53/51$
$T_{UNIV} = 51/50$

$T_W = 47$
$T_D = 44$

Wednesday, November 5, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 ★ °F	Dir. —	Temp 72 °F	★ RECORD MAX (OLD RECORD 76° SET IN 1935)		
Min. 50 * °F	Vel. 0 m.p.h.	Read. 28.93 in.	* OVNT LOW 60°		
Set 60 °F	Char. Calm	Corr. 28.81 in.	-RA 0445LT - 0615LT RA 0615LT - 0645LT -RA 0645LT - OBS		
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.14 in.	0700 Clds. 10/10 NS	1300 Clds. 10/10 NS	1900 Clds. 10/10 NS
Ppn. Liq. 0.13 in.	Prev. Dir. M	3 hr. Tend. Steady mb	Wx -RA, HZ	Wx -RA	Wx -RA FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 4 mi.	Vis. 10 mi.	Vis. X mi.

$\bar{T}$: 64
HDD: 1
CDD: 0
ΣHDD: 14
ΣCDD: 0
ΣPCN$_L$: 0.16

T_{DAVIS}: 60/60
T_{UNV}: 63/60

T_W: 60
T_D: 60

PCN$_{TB}$: M
ΣPCN$_{TB}$: M

THURSDAY 6 NOVEMBER 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. NE	Temp 72 °F	-RA 0855 - 1500 LT OCCL-RA 1600 - 2100 LT		
Min. 55 °F	Vel. 3 m.p.h.	Read. 28.98 in.			
Set 55 °F	Char. STEADY	Corr. 28.85 in.			
			0700	1300	1900
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10 St	Clds. 10/10 NS	Clds. 10/10 St
Ppn. Liq. 0.59 in.	Prev. Dir. —	3 hr. Tend. /+0.4 mb	Wx -FG	Wx FG, -DZ	Wx FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	Vis. 4 mi.	Vis. 1/2 mi.	Vis. 2 mi.

$\bar{T}$: 60

HDD : 5

ΣHDD : 19

ΣPCN_L : 0.75"

ΣPCN_S : 0.0"

T_{DMIS} : 55/54

T_{UNK} : 57/55

T_W 54.5

T_D 54

FRIDAY NOVEMBER 7 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. –	Temp 74 °F	-RA 1425 - 1600 LT -RA 2345 - 0045 LT		
Min. 39 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 39 °F	Char. CALM	Corr. 28.92 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. – mi.	Sea L. 30.32 in.	Clds. Ci 9/10 Ac	Clds. 7/10 Ci Cs As	Clds. Cu 1/10 Sc
Ppn. Liq. 0.07 in.	Prev. Dir. –	3 hr. Tend. +1 mb	Wx Hz	Wx	Wx –
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer M.W.M.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 48

HDD = 17

CDD = 0

ΣHDD = 36

ΣCDD = 0

ΣPCNL = 0.82"

ΣPCNS = 0.0"

TDAVIS = 39/35

MNV = 41/36

TW = 38

TD = 37

Saturday, November 8, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. NW	Temp 72 °F			
Min. 35 °F	Vel. 10 m.p.h.	Read. 29.40 in.			
Set 35 °F	Char. gusty	Corr. 29.27 in.	0700	1300	1900
R.H. 42 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. 6/10 Sc Cu	Clds.	Clds.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+2.5 mb	Wx Valley FG	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 20 mi.	Vis. mi.	Vis. mi.

$T = 44$

$HDD = 21$

$CDD = 0$

$\Sigma HDD = 57$

$\Sigma CDD = 0$

$\Sigma PCNL = 0.82"$

$\Sigma PCNS = 0.0"$

$T_{DAVIS} = 35/22$

$T_{UNV} = 37/19$

$T_W = 29$

$T_D = 14$

Sunday November 9, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. -	Temp 71 °F			
Min. 21 °F	Vel. 0 m.p.h.	Read. 29.47 in.			
Set 22 °F	Char. Calm	Corr. 29.34 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.68 in.	Clds. 0/10	Clds.	Clds. Clear
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	Wx —	Wx	Wx Chilly
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 29$

HDD = 36

CDD = 0

$\Sigma HDD = 93$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0,82$

$T_{davis} = 23/18$

$T_{UNU} = 25/15$

$T_w = M$

$T_d = 16$

(from Davis)

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Monday, November 10, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. —	Temp 72 °F			
Min. 22 °F	Vel. 0 m.p.h.	Read. 29.32 in.			
Set 22 °F	Char. Calm	Corr. 29.20 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 30.66 in.	Clds. Clear	Clds. 1/10 Ci	Clds. 6/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. -0.5 mb	Wx Cold	Wx	Wx HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\overline{T}$: 31

HDD: 34

CDD: 0

ΣHDD: 127

ΣCDD: 0

Σ PCN$_L$: 0.82

T_{DAVIS}: 23|18

T_{UNIV}: 23|19

T_W: 21

T_D: 17

PCN$_{TB}$: 0.00

Σ PCN$_{TB}$: m

Tues, Nov. 11, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. —	Temp 72 °F	*ovnt low 32		
Min. 22* °F	Vel. — m.p.h.	Read. 28.96 in.			
Set 35 °F	Char. calm	Corr. 28.84 in.			
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	0700	1300	1900
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. -2.0 mb	Clds. 8/10 Ci, Cicu	Clds. 10/10 Ns	Clds. 10/10 St
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Wx valley fog	Wx - Dz	Wx Hz
			Vis. 25 mi.	Vis. 5 mi.	Vis. 5 mi.

$\bar{T} = 35$

$HDD = 30$

$CDD = 0$

$\Sigma HDD = 157$

$\Sigma CDD = 0$

$\Sigma PCN_L = .82"$

$T_{Travis} = 36/29$

$T_{UW} = 33/28$

$T_W = 31$

$T_D = 24$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

WEDNESDAY NOVEMBER 12 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 47 °F	Dir. –	Temp 72 °F	* OVNT LOW 45 -RA, OCCNL DZ 0840 - 1740 LT +OCCNL DZ 1740 LT - 0400 LT - RA OCCNL DZ 0401 - 0855 LT
Min. 35* °F	Vel. 0 m.p.h.	Read. 28.75 in.	
Set 45 °F	Char. CALM	Corr. 29.63 in.	
R.H. 92 %	24 hr. Mov. – mi.	Sea L. 29.99 in.	
Ppn. Liq. 0.18 in.	Prev. Dir. –	3 hr. Tend. ^ ~0 mb	
Ppn. Sol. 6.0 in.	Snow Depth 0.0 in.	Observer M.M.M.	

0700	1300	1900
Clds. 10/10 SC	Clds. Cu 1/10 Cu St	Clds. BKS in St Cu OVC
Wx Fg	Wx FG/HZ	Wx
Vis. 1/4 mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T}$ = 48

HDD = 24

CDD = 0

ΣHDD = 181

ΣCDD = 0

ΣPCPN = 1.00"

TDAVIS = 45/44

TMNV = 46/44

TN = 44

TD = 43

PCPTB = M

ΣPCPTB = M

Thursday, November 13, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. W	Temp 72 °F	-RA OBS-0736LT -RA 2315-2345LT
Min. 39 °F	Vel. G37 20 m.p.h.	Read. 28.16 in.	
Set 39 °F	Char. Windy	Corr. 28.34 in.	PKWind: WSW-74mph 0400LT
R.H. 52 %	24 hr. Mov. — mi.	Sea L. 29.70 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	

	0700	1300	1900
Clds.	10/10 AC Cu Sc	10/10 NS	9/10 NS Sc
Wx	Windy	-Sn	-SHSN
Vis.	25 mi.	25 mi.	3 mi.

$T = 48$

$HDD = 17$

$CDD = 0$

$\Sigma HDD = 198$

$\Sigma CDD = 0$

$\Sigma PCNL = 1.02$

$T_{UNV} = 39°$

$T_{Davis} = 39°$

$T_W = 33°$

$T_D = 23°$

$PCNLTB = M$

$\Sigma PCNLTB = M$

Friday, November 14, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. WSW	Temp 72 °F	-SN 0800-1330 LT -SN 1500-2015 LT OCCNL -SN 2300-0000 LT -SN 0115-0200 LT -SN 0330-0835 LT OCCNL
Min. 30 °F	Vel. 12 m.p.h.	Read. 28.88 in.	
Set 30 °F	Char. Gusty	Corr. 28.76 in.	
R.H. 88 %	24 hr. Mov. M mi.	Sea L. 30.18 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. M	3 hr. Tend. 41.5 mb	
Ppn. Sol. 0.6 in.	Snow Depth T in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 Sc	3/10 Ac Sc	10/10 Sc
Wx	-Sn		
Vis.	25 mi.	25 mi.	25 mi.

$\bar{T}$: 35

HDD: 30

CDD: 0

ΣHDD: 228

ΣCDD: 0

ΣPCN_L: 1.06

ΣPCN_S: 0.6

T_{DAVIS}: 31/22

T_{UNV}: 34/21

$\bar{T}_W$: 27

T_D: 24

PCN_{TB}: M

ΣPCN_{TB}: M

Meteorological Observatory
Univeristy Park, PA

Saturday, November 15, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 43 °F	Dir. W	Temp 72 °F	* OVNT LOW = 39°
Min. * 30 °F	Vel. 4 m.p.h.	Read. 28.98 in.	
Set 40 °F	Char. light	Corr. 28.86 in.	
R.H. 67 %	24 hr. Mov. - mi.	Sea L. 30.25 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. /+1.0 mb	
Ppn. Sol. — in.	Snow Depth - in.	Observer SMM	

	0700	1300	1900
Clds.	Clds. 10/10 Sc St	Clds.	Clds.
Wx	Wx	Wx	Wx
Vis.	Vis. 26 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 37$

$HDD = 28$

$CDD = 0$

$\Sigma HDD = 256$

$\Sigma CDD = 0$

$\Sigma PCN_L : 1.06$

$\Sigma PCN_S : 06$

$T_{DAVIS} : 40|32$

$T_{UNIV} : 42|30$

$T_W : 36$

$T_D : 30$

$PCNTB = M$

$\Sigma PCNTB = M$

Sunday November 16 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. —	Temp 72 °F	-RA 0135 - 0158
Min. 38 °F	Vel. 0 m.p.h.	Read. 28.96 in.	
Set 41 °F	Char. calm	Corr. 28.83 in.	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. /0.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	

	0700	1300	1900
Clds.	Clds. 10/10 Sc	Clds.	Clds. 10/10 NS
Wx	Wx —	Wx	Wx -RA
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 15 mi.

T = 43

HOD = 22

COD = 0

Σ HOD 278

Σ COD = 0

Σ PCN$_L$ = 1.08

Σ PCN$_S$ = 0.6

T$_{davis}$ = M

T$_{unv}$ = 43/39

T$_w$ = 40

T$_d$ = 39

PCN$_{TB}$ = M

Σ PCN$_{TB}$ = M

Monday, November 17, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 49 °F	Dir. —	Temp 73 °F	-RA 1715 - 2045 LT (OCCNL)
Min. * 41 °F	Vel. 0 m.p.h.	Read. 28.99 in.	-RA 2145 - 2245 LT, -DZ 0530Z
Set 44 °F	Char. Calm	Corr. 28.87 in.	*OVNT LOW 44°

	0700	1300	1900
Clds.	10/10 St Sc	7/10 Ac Sc	5/10 Ci
Wx	Fg	Wx	Wx HZ
Vis.	2.5 mi.	25 mi.	20 mi.

R.H. 92 %	24 hr. Mov. M mi.	Sea L. 30.25 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. M	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

$\bar{T}$: 47

HDD: 18

CDD: 0

Σ HDD: 296

Σ CDD: 0

Σ PCNc: 1.12

Σ PCNs: 0.6

T_{DAVIS}: 44/42

T_{UNV}: 46/44

T_W: 43

T_D: 42

PCN_{TB}: M

ΣPCN_{TB}: M

Tues, Nov. 18, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. S	Temp 72 °F	OBS-10:00 LT ocnl-RA,-DZ		
Min. 34 °F	Vel. 3 m.p.h.	Read. 29.08 in.			
Set 40 °F	Char. Light	Corr. 28.96 in.	0700	1300	1900
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. 10/10 St, Ci	Clds. 10/10 St	Clds. 10/10 St
Ppn. Liq. trace in.	Prev. Dir. —	3 hr. Tend. L-.5 mb	Wx +FZ	Wx Fg	Wx -Fg
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 17 mi.	Vis. 3 mi.	Vis. 5 mi.

$\bar{T} = 43$
$HDD = 22$
$CDD = 0$
$\Sigma HDD = 330$
$\Sigma CDD = 0$
$\Sigma PCN_L = 1.12$
$\Sigma PCN_S = .6$

$T_{DAVIS} = 44/41$
$T_{WW} = 42/39$

$T_W = 36$
$T_D = 30$

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

Wednesday, November 19, 2003

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. SSW	Temp 77 °F	*EVE LOW 50° TEMPS ROSE OVERNITE -RA 0130-0230 LT RA 230-0855 LT (OCCNL - RA)
Min. 40 °F	Vel. 2 m.p.h.	Read. 28.60 in.	
Set * 55 °F	Char. Light	Corr. 28.47 in.	
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 29.80 in.	
Ppn. Liq. 0.48 in.	Prev. Dir. M	3 hr. Tend. \-2.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 NS	10/10 NS	10/10 NS
Wx	RA	RA	-RA
Vis.	3 mi.	5 mi.	- mi.

T: 48

HDD: 17

CDD: 0

Σ HDD: 337

Σ CDD: 0

Σ PCN$_L$: 1.60

Σ PCN$_S$: 0.6

T_{DAVIS}: 55/55

T_{UNV}: 57/55

T_W: 55

T_D: 55

PCN$_{TB}$: M

ΣPCN$_{TB}$: M

Thursday, November 20, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. NW	Temp 74 °F	RA, OCNL+RA OBS - 2000LT -DZ 0630-OBS LT
Min. 42 °F	Vel. 8 m.p.h.	Read. 28.72 in.	old record: 1.64" (1952) * Record 24 hr rainfall for date
Set 42 °F	Char. Steady	Corr. 28.59 in.	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	
Ppn. Liq. 1.79 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.	Clds. 0/10
Wx -DZ	Wx	Wx
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 52°$

$HDD = 13$

$CDD = 0$

$\Sigma HDD = 350$

$\Sigma CDD = 0$

$\Sigma PCNL = 3.39"$

$T_{DAVIS} = 43°$

$T_{UNV} = 45°$

$T_w = 39°$

$T_D = 35°$

$RMLTB = 1.56"$

$\Sigma PCNLTB = M$

FRIDAY NOVEMBER 21 2003

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 52 °F	Dir. W	Temp 74 °F	-DZ 0800 - 0820 LT
Min. 40 °F	Vel. 7 m.p.h.	Read. 28.81 in.	
Set 51 °F	Char. STEADY	Corr. 28.69 in.	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	
Ppn. Liq. TRACE in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer M.M.M.	

0700	1300	1900
Clds. Ci 1/10 cont'd	Clds. 7/10 Ci Cs	Clds. 0/10 CLR
Wx	Wx	Wx
Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T= 96

HDD= 19

CDD= 0

ΣHDD= 369

ΣCDD= 0

ΣPCNL= 3.39"

DAYS= 52/41

MNV=

MW= 47

MD= 43

PCNTG= 0.00"

ΣPCNTG= M

Meteorological Observatory
Univeristy Park, PA

Saturday, November 22, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. WNW	Temp 74° °F			
Min. 38 °F	Vel. 0 m.p.h.	Read. 28.97 in.			
Set 38 °F	Char. Calm	Corr. 28.84 in.	0700	1300	1900
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 5/10 Ci	Clds.	Clds. 9/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. .10.5 mb	Wx Valley Fg	Wx	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	Vis. 5 mi.	Vis. mi.	Vis. 20 mi.

T = 51

HDD = 14

CDD = 0

ΣHDD = 383

ΣCDD = 0

T_{DRVS} = 39°

T_{UNO} = 37°

T_w = 37°

T_b = 38°

ΣPCML = 3.39"

PCMLTB = M

ΣPCMLTB = M

Sunday November 23, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. —	Temp 74 °F	*OUR NT LOW - 34		
Min. *38 °F	Vel. 0 m.p.h.	Read. 28.96 in.			
Set 34 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 9/10 Ci	Clds.	Clds. 10/10 Cs
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. — 0.5 mb	Wx valley fg	Wx	Wx mild
Ppn. Sol. — in.	Snow Depth in.	Observer JAS	Vis. 3 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 50$

$HDD = 15$

$CDD = 0$

$\Sigma HDD = 398$

$\Sigma CDD = 0$

$\Sigma PCW_L = 3,39$

$T_{daus} = 40/39$

$T_{unu} = 39/37$

$T_w = 39$

$T_d = 39$

$PCW_{TB} = M$

ΣPCW_{TB} M

Monday, November 24, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. SSE	Temp 75 °F	*OVNT LOW 49
Min. 39* °F	Vel. 3 m.p.h.	Read. 28.77 in.	
Set 50 °F	Char. Light	Corr. 28.64 in.	
R.H. 93 %	24 hr. Mov. m mi.	Sea L. 29.99 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. m	3 hr. Tend. \-2.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

	0700	1300	1900
Clds.	Clds. Cb, St 10/10 Sc	Clds.	Clds. Ns 10/10
Wx	Wx -Fg	Wx	Wx -SN
Vis.	Vis. 5 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T}$: 49

HDD: 16

CDD: 0

ΣHDD: 414

ΣCDD: 0

ΣPCNL: 3.39

ΣPCNs: 0.6

T_{DAVIS}: 49/47

T_{UNV}: 50/44

T_w: 49

T_D: 48

PCN_{TB}: 0.00

ΣPCN_{TB}: M

Tues, Nov. 25, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. W	Temp 72 °F	14:00 - 17:10 LT -RA, OCNL RA +RA
Min. 28 °F	Vel. 6 m.p.h.	Read. 28.95 in.	17:10 - 19:25 LT -SN, PL
Set 28 °F	Char. Light	Corr. 28.83 in.	19:25 - 20:00 LT FZDZ
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	
Ppn. Liq. .40 in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	
Ppn. Sol. T in.	Snow Depth — in.	Observer SGH	

0700	1300	1900
Clds. SC, 8/10 Ci	Clds. Ci 6/10 Cs, St	Clds. 1/10 Ci
Wx —	Wx	Wx
Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 42$

$HDD = 23$

$CDD = 0$

$\Sigma HDD = 437$

$\Sigma CDD = 0$

$\Sigma PCN_L = 3.79"$

$\Sigma PCN_S = .6$

$T_{Travis} = 28/20$

$T_{UNV} = 30/17$

$T_W = 25$

$T_D = 19$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Wednesday, November 26, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. —	Temp 71 °F	* OVNT LOW 32		
Min. * 28 °F	Vel. 0 m.p.h.	Read. 28.93 in.			
Set 32 °F	Char. Calm	Corr. 28.81 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. M mi.	Sea L. 30.22 in.	Clds. Sc 7/10 Cs	Clds. Ac 9/10 Ci Sc	Clds. Ac Ci Sc 8/10
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. +0.5 mb	Wx	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\overline{T}$: 32

HDD: 33

CDD: 0

Σ HDD: 470

Σ CDD: 0

Σ PCN_L: 3.79

Σ PCN_S: 0.6

T_{DAVIS}: 32/22

T_{UNV}: 32/19

T_W: 28

T_D: 25

PCN_{TB}: 0.00

Σ PCN_{TB}: M

THURSDAY 27 NOV. 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. V	Temp 76 °F			
Min. 31 °F	Vel. 2 m.p.h.	Read. 29.03 in.			
Set 32 °F	Char. LIGHT	Corr. 28.89 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. -CS W 6/10 Ci	Clds.	Clds. 10/10 NS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ✓0.2 mb	Wx CONTRAILS, VALLEY FG	Wx	Wx -DZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WTS	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 37
HDD : 28
ΣHDD : 498
ΣPCN_L : 3.76"
ΣPCN_S : 0.6"

T_{DMS} : 33/30
T_{UNI} : 32/29

T_M : M
T_D : 30

Meteorological Observatory
Univeristy Park, PA

Friday November 28, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 49 °F	Dir. ESE	Temp 76 °F	-RA 23:30 - 00:30
Min. 32 * °F	Vel. 5 m.p.h.	Read. 28.60 in.	-RA 5:55 - 6:25
Set 46 °F	Char. light	Corr. 28.47 in.	* OVNT LOW 46
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. 14.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	

0700	1300	1900
Clds. 10/10 ST	Clds.	Clds. 10 ST 10 SC
Wx Fg	Wx	Wx —
Vis. .5 mi.	Vis. mi.	Vis. 25 mi.

T = 41

HOD = 24

COD = 0

ΣHOD = 522

ΣCOD = 0

ΣPCN_L = 3.80"

ΣPCN_S = 0.6"

Tdavis = 46/46

Tuno = 45/43

Tw = 46

Td = 46

PCN_{T6} = M

ΣPCN_{T3} = M

Saturday November 29, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. WSW	Temp 72 °F	-RA 0815 - 0920 OCNL RA -RA 1100 - 1215 OCNL RA RA 1245 - 1415 OCNL +RA -RA 1415 - 1600 RA 1600 - 1820 OCNL -RA -SN 2315 - 0700 OCNL FZRA OCNL SG
Min. 32 °F	Vel. 25 m.p.h.	Read. 28.47 in.	
Set 33 °F	Char. windy	Corr. 28.35 in.	

	0700	1300	1900
R.H. 90 % / 24 hr. Mov. — mi. / Sea L. 29.62 in.	Clds. 10/10 NS	Clds.	Clds. 4/10 ST SC
Ppn. Liq. 0.79 in. / Prev. Dir. — / 3 hr. Tend. 12.0 mb	Wx -SN H2	Wx	Wx —
Ppn. Sol. Trace in. / Snow Depth — in. / Observer JAS	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 44$

$HDD = 21$

$CDD = 0$

$\Sigma HDD = 543$

$\Sigma CDD = 0$

$\Sigma PCN_L = 4.59''$

$\Sigma PCN_S = 0.6''$

$T_{daily} = 33/28$

$T_{annual} = 34/27$

$T_w = 32$

$T_d = 30$

$PCN_{TB} = \Phi\Phi$

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

Sunday November 30, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 36 °F	Dir. WSW	Temp 71 °F	-FZRA 0710-1045 -SN 1045-1110 -SN 1245-1415
Min. 30 °F	Vel. 8 m.p.h.	Read. 28.73 in.	
Set 35 °F	Char. —	Corr. 28.62 in.	
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	
Ppn. Liq. ~~0.01~~ TRACE in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	
Ppn. Sol. TRACE in.	Snow Depth — in.	Observer JAS	

	0700	1300	1900
Clds.	Clds. Cc 8/10 St	Clds.	Clds. Ci 2/10 Cc
Wx	—	Wx	Wx —
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 33$

HDD = 32

CDD = 0

ΣHDD = 575

ΣCDD = 0

ΣPCN_L = 4.59"

ΣPCN_S = 0.6"

Tdavis = 35/25

Tunv = 36/21

Tw = 31

T_e = 24

NOV. TEMPS

$\overline{T}_{MAX} = 54.3$

$\overline{T}_{MIN} = 37.0$ °F

$\overline{T}_{NOV} = 45.7$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$