Friday, December 1, 2006 0700 EST Meteorological Observatory Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. S	Temp 78 °F	OCL - SHRA 0736 - 0823 LT OCL - RA 1330 - 1505 LT OCL - RA/RA 2114 - 0030 LT ★ Ties 1914 record MAX MIN *Ovnt Low = 66°F		
Min. 52** °F	Vel. 5 m.p.h.	Read. 28.58 in.			
Set 61 °F	Char. Gusty	Corr. 28.45 in.			
			0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 29.76 in.	Clds. Sc St Ac 9/10	Clds. 10/10 St, Ac, Cu, cb	Clds. 2/10 Ac
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. -1.5 mb	Wx Mostly Cloudy	Wx Squall line approaching	Wx mostly clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~15 mi.	Vis. 20, but ~10 to W mi.	Vis. 25 mi.

$\bar{T}_d = 58$

$HDD = 7$

$CDD = 0$

$\Sigma HDD = 7$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.11"$

$T_{DAVIS} = 62/60$

$T_{CWS} = 61/57$

$T_d = 111$

$T_w = 111$

$PCN_{62} = 0.14"$

$\Sigma PCN_{62} = 0.14"$

Saturday December 2, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68 Δ °F	Dir. NW	Temp 76 °F	-RA 0941-0958 -RA 1110-1311 RA, OCCL +RA 1312-1401 Max gust 58 m:/hr Δ New record, shattered old: 59, 1996		
Min. 33 °F	Vel. 17 m.p.h.	Read. 29.21 in.			
Set 34 °F	Char. Breezy, Gusty Winds	Corr. 28.09 in.			
			0700	1300	1900
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. Ac SC CO	Clds.	Clds. 0/10
Ppn. Liq. 0.14 in.	Prev. Dir. —	3 hr. Tend. +4 mb	Wx Windy	Wx	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 51$

$HDD = 14$

$CDD = 0$

$\Sigma HDD = 21$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.25''$

$T_{OAVG} = 33/23$

$T_{UNV} = 34/18$

$T_W = -$

$T_B = -$

$Gauged = 0.16''$

$\Sigma Gauged = 0.30''$

Sunday December 31, 2000

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. WSW	Temp 74 °F			
Min. 25 °F	Vel. 2 m.p.h.	Read. 29.26 in.			
Set 26 °F	Char. Light & Variable	Corr. 29.13 in.			
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.44 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. −±0.0 mb	Clds. 6/10 Ac	Clds.	Clds. Ci, As, Cs
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Wx P. Cloudy FG	Wx	Wx Thickening clouds
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 30$

HDD = 35

CDD = 0

ΣHDD = 56

ΣCDD = 0

$\Sigma PCN_L = 0.25"$

$\Sigma PCN_S = 0.00"$

$T_{DAVIS} = 27/22$

$T_{UNIV} = 25/19$

$T_W = N/A$

$T_D = 22^*$

$G2 = 0.00"$

$\Sigma G2 = 0.30"$

* from Davis

Monday, 4 December, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. W	Temp 73 °F	OENL -- SH SN: 0500 4T-OBS		
Min. 24 °F	Vel. 13 G 18 m.p.h.	Read. 29.04 in.			
Set 24 °F	Char. breezy	Corr. 28.92 in.			
			0700	1300	1900
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. 8/10 Cu, Sc	Clds. 6/10 Cu	Clds. 6/10 Ac, As
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↗ +1.0 mb	Wx -- SN, Blustery, patchy clouds	Wx Few flakes falling amid p. sunny sky	Wx Halo around moon % Ac
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 34°$
HDD = 31
ΣHDD = 87

$T_{DAVIS} = 24°/13.5°$
$T_{UNV} = 25°/12°$
$T_{KPSU} = M/M$

$T_w = M$
$T_o = 13.5°$ *

$PCN_L = 0.25"$
$\Sigma PCN_S = T$

* From Davis Instrument

$PCN_{G2} = 0.30"$
$\Sigma PCN_{G2} = T$

Tuesday, 5 December, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. SW	Temp 73 °F	OBS – 1400LT: Sporadic flakes, so light not picked up by either ASOS 0600LT – OBS: -- SHSN/-SHSN: a few flakes on car tops, IST pavement at OBS.
Min. 22 °F	Vel. 5&10 m.p.h.	Read. 28.99 in.	
Set 26 °F	Char. variable	Corr. 28.87 in.	*Overnight low = 24°

	0700	1300	1900
R.H. 70 %	Clds. 8/10 Sc, St	Clds. Ac Ns 10 St	Clds. Ac 4/10 As Cs
Ppn. Liq. T in.	Wx -- SN	Wx Cloudy, Light Snow	Wx Partly Cloudy
Ppn. Sol. T in.	Snow Depth T in.	Observer AGM	Vis. NW-SW: 7, otherwise: 25 mi.
			Vis. 25 mi.
			Vis. 25 mi.

$\bar{T} = 25°$

HDD = 40

ΣHDD = 127

$T_{DAVIS} = 25.5°/17°$

$T_{UMV} = 25°/14°$

$T_{KPSU} = M/M$

$T_W = -$

$T_D = 17°$

$\Sigma PCN_L = 0.25"$

$\Sigma PCN_S = T$

$PCN_{42} = T$

$\Sigma PCN_{42} = 0.30"$

Wednesday, December 6, 20x6 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp	Wind	Barom.	General Obs.
Max. 33 °F	Dir. SW	Temp 73 °F	--SHSN OBS - 0740 LT --SHSN 0823 - 0907 LT OCCL - SHSN 1036 - 1458 --SHSN 1534 - 1536
Min. 21 °F	Vel. 7 m.p.h.	Read. 28.99 in.	
Set 27 °F	Char. Variable	Corr. 28.87 in.	

	0700	1300	1900
R.H. 63 %	Clds. Ac 9/10 As Cs	Clds. Cs 4/10 Ci Cc	Clds. 10/10 A-, St, Ns
Ppn. Liq. T in.	Wx Partly Cloudy	Wx Partly Sunny	Wx Overcast
Ppn. Sol. T in.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Snow Depth T in.

Observer MLS

3 hr. Tend. -1.6 mb

Prev. Dir. —

24 hr. Mov. — mi.

Sea L. 30.30 in.

$\bar{T} = 27$

HDD 38

CDD 0

ΣHDD 165

ΣCDD 0

$\Sigma P_{CW_2} = 0.25"$

$\Sigma P_{CW_3} = T$

$T_{DAILS} = 27/26$

$T_{DAILY} = 27/14$

$T_2 = m$

$T_w = m$

$P_{CW_{62}} = T$

$\Sigma P_{CW_{62}} = 0.20"$

Thursday, 7 December, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. SW	Temp 73 °F	0645LT-OBS: -SH RA		
Min. 27 °F	Vel. 8 m.p.h.	Read. 28.74 in.			
Set 40 °F	Char. steady	Corr. 28.62 in.	overnight low = 40°		
			0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 10/10 Ns, St	Clds. 6/10 AC Cir	Clds. 3/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \ -0.3 mb	Wx -RA	Wx -SHSN	Wx RC
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25, but ~2 in NW mi.	Vis. 25 mi.	Vis. 15 mi.

$\bar{T} = 36°$

HDD = 29

ΣHDD = 194

$T_{DAVIS} = 39.5°/33°$

$T_{UNV} = 39°/28°$

$T_{KPSU} = M/M$

$T_W = 37°$

$T_D = 33°$

$\Sigma PCN_L = 0.25"$

$\Sigma PCN_S = T$

$PCN_{GZ} = T$

$\Sigma PCN_{GZ} = 0.30"$

Friday, December 8, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. WSW	Temp 72 °F	-PE/SN 0705-0715 LT -SHSN 0830-0852 LT -SN, OCCL SN 1315-1347 LT, 2330-0005 LT -SHSN 1547-1600 OCCL -SHSN 1830-1947 -SHSN 0645-0815
Min. 16 °F	Vel. 5 m.p.h.	Read. 29.06 in.	
Set 18 °F	Char. Gusty	Corr. 28.94 in.	

	0700	1300	1900
R.H. 100 %	Clds. Ns Sc 10/10	Clds. 10/10 Ns,Sc	Clds. 10 Sc / 10 St
Ppn. Liq. 0.02 in.	Wx -SHSN	Wx -SH SN	Wx Cloudy
Ppn. Sol. 0.10 in.	Vis. ~1.1 mi.	Vis. ~7 mi.	Vis. ~17 mi.

24 hr. Mov.	Sea L.	Prev. Dir.	3 hr. Tend.	Snow Depth	Observer
— mi.	30.40 in.	—	N/A mb	T in.	MLS

$\bar{T}$ = 28
HDD = 37
CDD = 0
ΣHDD = 231
ΣCDD = 0
ΣPCN_L = 0.27"
ΣPCN_S = 0.10"

$\bar{T}_{DAYS}$ = 17/12
$\bar{T}_{NN}$ = 18/16

$\bar{T}_w$ = m
$\bar{T}_d$ = m

PCN_{G2} = 0.02"
ΣPCN_{G2} = 0.32"

Saturday December 9, 2000 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. SW	Temp 73 °F	-SW, occl SW 0722-1322		
Min. 18 °F	Vel. 4 m.p.h.	Read. 29.21 in.			
Set 22 °F	Char. Gusty 24 Light	Corr. 29.18 in.	0700	1300	1900
R.H. 27 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. Cs 3 10	Clds.	Clds. 0/10
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. — ±0 mb	Wx Breezy	Wx	Wx Clear
Ppn. Sol. 0.3 in.	Snow Depth T in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$T = 22$

$HDD = 43$

$CDD = 0$

$\Sigma HDD = 274$

$\Sigma CDD = 0$

$\Sigma PCN_2 = 0.28''$

$\Sigma PCN_3 = 0.45''$

$T_{Davis} = 22/2$

$T_{UNV} = 21/5$

$Gauged = 0.01''$

$\Sigma Gauged = 0.33''$

Sunday December 17 2006 0700 EST Meteorological Observatory
Univeristy Park, PA

Temp	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. SW	Temp 72 °F			
Min. 21 °F	Vel. 6 m.p.h.	Read. 29.20 in.			
Set 37 °F	Char. Breezy	Corr. 29.00 in.	* OVNT LOW 31		
			0700	1300	1900
R.H. 35 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	Clds. 2/10 AC Cu	Clds.	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. S +0.5 mb	Wx M.clear	Wx	Wx ~clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 31$

$HDD = 77$

$CDD = 0$

$\Sigma HDD = 308$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.28"$

$\Sigma PCN_S = 0.4"$

$T_{DAILY} = 37.5 / 14$

$T_{UNV} = 37 / 12$

$T_W = N/A$

$T_D = 14°$

$G12: 0.00"$

$\Sigma G12: 0.33"$

Monday, 11 December, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. SW	Temp 72.5 °F			
Min. 35 °F	Vel. 1 m.p.h.	Read. 29.22 in.			
Set 41 °F	Char. ~calm	Corr. 29.10 in.	0700	1300	1900
R.H. 40 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	Clds. $\frac{6}{10}$ As, St	Clds. $\frac{4}{10}$ Cu, As, Ac	Clds. $\frac{8}{10}$ Ac, As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↗ +0.6 mb	Wx Increasing clouds	Wx Partly cloudy	Wx Mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 44°$
HDD = 21
ΣHDD = 329

$T_{DAVIS} = 43°/21°$
$T_{UNV} = 41°/21°$
$T_{KPSU} = M/M$

$T_W = M$
$T_D = 21°$

$\Sigma PCN_L = 0.28"$
$\Sigma PCN_S = 0.4"$

$PCN_{G2} = 0.00"$
$\Sigma PCN_{G2} = 0.23"$

Tuesday, 12 December, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. —	Temp 73.5 °F			
Min. 35 °F	Vel. 0 m.p.h.	Read. 29.30 in.			
Set 35 °F	Char. calm	Corr. 29.17 in.			
			0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.59 in.	Clds. 8/10 Ac, As, St	Clds. Ci 5/10 Cs	Clds. Ac 6/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —/+0.2 mb	Wx Considerable cloudiness	Wx mostly Sunny	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 44°$

HDD = 21

$\Sigma HDD = 350$

$T_{DAVIS} = 37.5°/31.5°$

$T_{UNIV} = 37°/30°$

$T_{KPSU} = M/M$

$T_w = 34°$

$T_b = 31.5°$

$\Sigma PCN_L = 0.28"$

$\Sigma PCN_E = 0.4"$

$PCN_{@2} = 0.00"$

$\Sigma PCN_{@2} = 0.33"$

Wednesday, December 13, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. SSW	Temp 74 °F	-RA 0324 - 0433 LT -RA/BR 0434 - 0622 LT -RA 0643 - 0655		
Min. 35* °F	Vel. 4 m.p.h.	Read. 29.01 in.			
Set 45 °F	Char. Variable	Corr. 28.89 in.	*Overnight low = 42°F		
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	0700 Clds. Ns St 10/10	1300 Clds. Ac As Cu 6/10	1900 Clds. 2/10 Ci
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. N/A mb	Wx Sprinkles	Wx Partly Cloudy	Wx Mostly clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~3.5 mi.	Vis. 0 mi.	Vis. 25 mi.

T = 44
HDD = 21
CDD = 0
ΣHDD = 371
ΣCDD = 0
ΣPCN_L = 0.40"
ΣPCN_S = 0.4"

T_{DAVIS} = 45/44
T_{UNV} = 45/43

T_A = M
T_W = M

PCN_{62} = 0.5"
ΣPCN_{62} = 0.48"

Thursday, 14 December, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. SW	Temp 76 °F	OBS - 0720LT: -RA		
Min. 41 °F	Vel. 3 m.p.h.	Read. 28.85 in.			
Set 41 °F	Char. light	Corr. 28.72 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. ~0/10 few Ci	Clds. 6/10 Ci	Clds.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.3 mb	Wx clear, mild	Wx P. Cloudy	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T} = 49°$

$HDD = 16$

$\Sigma HDD = 387$

$T_{DAVIS} = 43°/40°$

$T_{UNIV} = 43°/39°$

$T_{KPSU} = 41°/28°$

$T_w = 41.5°$

$T_b = 40°$

$\Sigma PCN_L = 0.40"$

$\Sigma PCN_S = 0.4"$

$PCN_{62} = T$

$\Sigma PCN_{62} = 0.48"$

Friday, December 15, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. △ 60 °F	Dir. SW	Temp 76 °F	△ Rec. MAX (Dec-58, 2006) □ Rec. MIN (Dec-39, 1975)
Min. 41* □ °F	Vel. 3 m.p.h.	Read. 28.56 in.	
Set 48 °F	Char. Light	Corr. 28.43 in.	*Overnight= 43°F
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 28.78 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↓ -0.2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	

	0700	1300	1900
Clds.	Ac As 8/10	Cu 7/10	Sc Ns 10/10
Wx	Partly Cloudy	Partly Sunny	Cloudy, Breezy
Vis.	~17 mi.	25 mi.	25 mi.

$\bar{T}$ = [redacted]51

HDD = 14

CDD = 0

ΣHDD = [redacted]401

ΣCDD = 0

ΣPCN_2 = 0.40"

ΣPCN_3 = 0.4"

T_{DAILY} = 48/38

T_{DAY} = 45/36

T_d = m

T_n = m

PCN_{02} = 0.00"

ΣPCN_{02} = 0.48"

Saturday December 16, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. NW	Temp 74 °F	-RA 1739- 1832		
Min. 39 °F	Vel. 6 m.p.h.	Read. 29.06 in.			
Set 40 °F	Char. Breezy	Corr. 28.98 in.			
R.H. 57 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +2 mb	Clds. AC 7/10	Clds.	Clds. 6/10 AC AS
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Wx windy	Wx	Wx M-Cloud-1
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 4.8$

$HDD = 17$

$CDD = 0$

$\Sigma HDD = 418$

$\Sigma CDD = 0$

$\Sigma PLN_L = 0.40''$

$\Sigma PLN_S = 0.4''$

$T_{Davis} = 39/29$

$T_{UW} = 39/27$

Gauged = T

$\Sigma Gauged = 0.48''$

Sunday December 17, 2006

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. SW*	Temp 29.74 °F			
Min. 35 °F	Vel.* 5 m.p.h.	Read. 28.98 in.	*information taken from NWS nearby obs. site. DAVIS UNAVAILABLE		
Set 36 °F	Char. Light + variable ~~Steady~~	Corr. 28.85 in.	0700	1300	1900
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. AS 7/10 AC	Clds.	Clds. 10/10 St, Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~-0.5mb	Wx M Cloudy	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 42
HDD = 23
CDD = 0
ΣHDD = 441
ΣCDD = 0
ΣPCNL = 0.40"
ΣPCNS = 0.4"

T_{DNJS} = unavailable
TMNV = 37/27

TW = 32
TD = 25

GZ = 0.00'
ΣGZ = 0.48"

Meteorological Observatory
Univeristy Park, PA

Monday, 18 December, 2006 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 61 °F	Dir. WSW	Temp 75.5 °F	2345-0100LT: OCNL-SH RAs 0400 - 0550 LT: -RA 0550- OBS: OCNL - SH RAs/-DZ
Min. 35* °F	Vel. 5 m.p.h.	Read. 28.89 in.	
Set 54 °F	Char. active	Corr. 28.76 in.	* overnight low = 54°
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. ↘ +0.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	

	0700	1300	1900
Clds.	$\frac{10}{10}$ St, Ns	$\frac{10}{10}$ Cu, Sc	~$\frac{0}{10}$
Wx	-RA	Post-frontal cloudiness	Wx finally reasonable readings
Vis.	~13 mi.	25 mi.	25 mi.

$\bar{T} = 48°$

HDD = 17

$\Sigma HDD = 458$

$\Sigma PCN_L = 0.44"$

$\Sigma PCN_S = 0.4"$

$T_{DAVIS} = 54.5°/53°$

$T_{MNV} = 52°/52°$

$T_{KPSH} = 54°/46°$

$T_w = 54°$

$T_b = 53°$

$PCN_{02} = 0.04"$

$\Sigma PCN_{02} = 0.52"$

Tuesday, 19 December, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. NW	Temp 73 °F	OBS-0815LT: OCNL -RA/RA 0815-0900LT: OCNL -DZ 0900-1100LT: -RA/RA
Min. 30 °F	Vel. 4 m.p.h.	Read. 29.10 in.	
Set 30 °F	Char. steady	Corr. 28.98 in.	

	0700	1300	1900
R.H. 81 % / 24 hr. Mov. — mi. / Sea L. 30.40 in.	Clds. 3/10 As	Clds. Ac 9/10	Clds. Ci Cs 2/10
Ppn. Liq. 0.06 in. / Prev. Dir. — / 3 hr. Tend. ✓ +0.4mb	Wx A few clouds	Wx Cloudy	Wx Mainly Clear
Ppn. Sol. 0.0 in. / Snow Depth 0 in. / Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 44°$

$HDD = 21$

$\Sigma HDD = 479$

$T_{DAVIS} = 31°/25.5°$

$T_{UNV} = 30°/25°$

$T_{KPSU} = 28°/21°$

$T_w = M$

$T_b = 26°$

$\Sigma PCN_L = 0.50"$

$\Sigma PCN_g = 0.4"$

$PCN_{@2} = 0.05"$

$\Sigma PCN_{@2} = 0.57"$

Wednesday, December 20, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. SW	Temp 73 °F			
Min. 26 °F	Vel. 0 m.p.h.	Read. 29.21 in.			
Set 26 °F	Char. Calm	Corr. 29.09 in.			
			0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.53 in.	Clds. Cs 9/10	Clds. Ci Cs 3/10	Clds. 0/10 —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↑ +1.0 mb	Wx Clear	Wx Mostly Sunny	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 32$

$HDD = 33$

$CDD = 0$

$\Sigma HDD = 512$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.50"$

$\Sigma PCN_J = 0.40"$

$T_{DAVIS} = 27/23$

$T_{UNV} = 25/23$

$T_d = M$

$T_w = M$

$PCN_{G2} = 0.00"$

$\Sigma PCN_{G2} = 0.57"$

Thursday, 21 December, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. SW	Temp 74 °F			
Min. 26* °F	Vel. 1 m.p.h.	Read. 29.12 in.			
Set 39 °F	Char. ~calm	Corr. 29.00 in.	*Overnight low = 36°		
			0700	1300	1900
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	Clds. 10/10 As, St	Clds. 10/10 As	Clds. Ac 5/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↗ +0.4 mb	Wx Overcast, w/ virga in vicinity	Wx overcast	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 36°$

HDD = 29

$\Sigma HDD = 541$

$\Sigma PCN_L = 0.50"$

$\Sigma PCN_S = 0.4"$

$T_{DAVIS} = 39°/27°$

$T_{UNV} = 39°/27°$

$T_{KPSH} = 36°/M$

$T_D = 27°$

$T_w = 34.5°$

$PCN_{42} = 0.00"$

$\Sigma PCN_{42} = 0.57"$

Friday, December 22, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. E	Temp 74 °F	-RA 0316 - 0345 LT OCCL - SHRA 0409 - 0639 LT DZ 0650 - 0855 LT		
Min. 39 * °F	Vel. 1 m.p.h.	Read. 29.05 in.			
Set 42 °F	Char. Light	Corr. 28.93 in.	*Overnight Low = 42°F		
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	0700 Clds. Ns St 10/10	1300 Clds.	1900 Clds. 10/10 Ns St
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx Overcast, Drizzle	Wx	Wx OVERCAST SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~12 mi.	Vis. mi.	Vis. 0.25 mi.

$\bar{T} = 44$

HDD = 22

CDD = 0

$\Sigma HDD = 562$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.52"$

$\Sigma PCN_S = 0.4"$

$T_{DAVIS} = 42/34$

$T_{DNV} = 39/34$

$\bar{T}_d = ??$

$T_w = ??$

$PCN_{62} = 0.02"$

$\Sigma PCN_{62} = 0.59"$

SATURDAY 23 DECEMBER 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. SW	Temp 75 °F	-RA, OCCL RA, DZ 0055-0030 LT		
Min. 39* °F	Vel. 2 m.p.h.	Read. 28.67 in.	-RA, DZ 0400-0530 -RA 0650-0659 LT		
Set 43 °F	Char. LIGHT	Corr. 28.53 in.	*MID-DAY LOW; OVNT LOW 42		
R.H. 97 %	24 hr. Mov. - mi.	Sea L. 29.90 in.	0700 Clds. 10/10 St, Sc, NS	1300 Clds.	1900 Clds. 10/10 St
Ppn. Liq. 0.52 in.	Prev. Dir. -	3 hr. Tend. ~-0.5 mb	Wx -RA E 0659 LT	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WTS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 43$

$HDD = 22$

$\Sigma HDD = 584$

$\Sigma PCN_L = 1.04$"

$\Sigma PCN_S = 0.4$"

$T_{DAVIS} = 44/44$

$T_{UNV} = 43/43$

$T_W = 42.5$

$T_L = 42$

$PCN_{G2} = 0.52$"

$\Sigma PCN_{G2} = 1.11$"

SUNDAY 24 DECEMBER 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. W	Temp 75 °F			
Min. 39 °F	Vel. 18 m.p.h.	Read. 28.87 in.			
Set 40 °F	Char. GUSTY	Corr. 28.74 in.			
			0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 10/10 Sc	Clds.	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2.6 mb	Wx windy	Wx	Wx CLR, BRIGHT
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 44$

$HDD = 21$

$\Sigma HDD = 605$

$\Sigma PCN_L = 1.04''$

$\Sigma PCN_S = 0.4''$

$T_{SNIS} = 40/31$

$T_{UNI} = 37/32$

$T_W = 35$

$T_D = 28$

$C_2 = 0.09$

$\Sigma C_2 = 1.11''$

MONDAY 25 DECEMBER 2006

Meteorological Observatory
Univeristy Park, PA
0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. E **	Temp 75 °F	* FROM DAVIS ** DAVIS DIRECTION INCORRECT, USED ASOS, VISUAL
Min. 28 °F	Vel. 2 m.p.h.	Read. 28.99 in.	
Set 30 °F	Char. STEADY	Corr. 28.85 in.	

	0700	1300	1900
R.H. 92* %	Clds. NS, 10/10 CS	Clds.	Clds. 10/10 NS
Ppn. Liq. 0.02 in.	Wx VIRGA W	Wx	Wx SHRA FPG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	Vis. 25 mi.
Sea L. 30.28 in.	3 hr. Tend. -2.0 mb	Prev. Dir. -	Vis. mi.
24 hr. Mov. - mi.			Vis. 3.5 mi.

$\bar{T} = 37$

$HDD = 28$

$\Sigma HDD = 633$

$\Sigma PCN_L = 1.04"$

$\Sigma PCN_S = 0.4"$

$T_{DMS} = 30/28$

$T_{UNV} = 27/27$

$T_W = M$

$T_D = 28$

$G_2 = 0.00$

$\Sigma G_2 = 1.11"$

Tuesday December 26, 2024 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. WSW	Temp 716 °F	-SHSN/PA 1300 – 1340 LT -SHRA 1340 – 1720 LT -SHRA 1800 – 2300 LT -SHRA 0000 – 0700 LT
Min. 29 °F	Vel. 2 m.p.h.	Read. 28.37 in.	PRECIP BEGAN AS MIX WITH OVNT LGT WET SNOWFLAKES + PL
Set 37 °F	Char. Light variable	Corr. 28.24 in.	

	0700	1300	1900
R.H. 96 %	Clds. 10/10 NS AS	Clds.	Clds. 10/10 AC
Ppn. Liq. 0.32 in.	Wx -SHRA FG	Wx	Wx OVCST
Ppn. Sol. T in.	Vis. 3.5 mi.	Vis. mi.	Vis. 25 mi.

Snow Depth 0 in.

Observer OJP

3 hr. Tend. -1.0 mb

Prev. Dir. —

24 hr. Mov. — mi.

Sea L. 29.50 in.

$\bar{T} = 35$

HDD = 30

CDD = 0

ΣHDD = 663

ΣCDD = 0

ΣPCN_L = 1.36"

ΣPCN_S = 0.4"

T_{DAVIS} = 37 / 37

TUNV = 37/37

T_W = 36

T_D = 36

G2: 0.32"

ΣG2: 1.43"

Wednesday December 27, 2006 Meteorological Observatory
0700 EST Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 42 °F	Dir. W	Temp 74 °F	-SHDZ 0700 - 0720 LT -SHDZ 1120 - 1140 LT -SHRA 1840 - 1900 LT -SHDZ 2200 - 2220 LT SHRA 2320 - 0000 LT OCCL -SHSN 0220 - 0310 LT -SHSN 0620 - 0700 LT		
Min. 32 °F	Vel. 19 m.p.h.	Read. 29.76 in.			
Set 33 °F	Char. Breezy	Corr. 29.63 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 10/10 NS	Clds.	Clds. 5/10 Ac
Ppn. Liq. 0.01 in.	Prev. Dir. ~	3 hr. Tend. /+1.0 mb	Wx -FG -SHSN OVRCAST	Wx	Wx P.C cloudy
Ppn. Sol. T in.	Snow Depth T in.	Observer CSP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 37$

$HDD = 28$

$CDD = 0$

$\Sigma HDD = 691$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.37"$

$\Sigma PCN_S = 0.4"$

$T_{DAVIS} = 33/27$

$T_{UNIV} = 32/26$

$T_W = N/A$

$\bar{T}_D = 27^*$

$G2: 0.01"$

$\Sigma G2: 1.44"$

* from Davis

Thursday December 28, 2006
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. SW	Temp 76 °F	-SHSN 0700-0720 LT -SHSN 0820-0840 LT -SHSN 0940-1040 LT		
Min. 31 °F	Vel. 2 m.p.h.	Read. 29.20 in.			
Set 36 °F	Char. light-variable	Corr. 29.06 in.	* From DAAS		
			0700	1300	1900
R.H. 70* %	24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. 9/10 AC	Clds.	Clds. 8/10 AC
Ppn. Liq. ~~0.00~~ T in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx M.cloudy	Wx	Wx M.cloudy
Ppn. Sol. T in.	Snow Depth 0 in.	Observer CAP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 35$

HDD = 30

CDD = 0

ΣHDD = 721

ΣCDD = 0

ΣPCNL = 1.37"

ΣPCNS = 0.4"

$T_{DAVIS} = 36/27$

$T_{UNV} = 37/27$

T_W = N/A

$T_D = 27^*$

x from davis

G2 = 0.00"

ΣG2 = 1.44"

FRIDAY 29 DECEMBER 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. –	Temp 76 °F			
Min. 28 °F	Vel. 0 m.p.h.	Read. 29.36 in.			
Set 29 °F	Char. CLM	Corr. 29.22 in.	* FROM DAVIS		
R.H. 92 * %	24 hr. Mov. – mi.	Sea L. 30.66 in.	0700 Clds. 4/10 AS, CI	1300 Clds.	1900 Clds. 3/10 AS
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. +1.7 mb	Wx FROSTY	Wx	Wx M. CLDY
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CAT3	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 36$

$H_{DD} = 29$

$\Sigma H_{DD} = 750$

$\Sigma PCN_L = 1.37''$

$\Sigma ACN_S = 0.4''$

$T_{DNS} = 31/27$

$T_{UNS} = 28/27$

$T_W = M$

$T_D = 27$

$G_2 = 0.00'$

$\Sigma G_2 = 1.44''$

Saturday December 30, 2020 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. SW	Temp 76 °F			
Min. 28 °F	Vel. 3 m.p.h.	Read. 29.31 in.			
Set 36 °F	Char. Breezy	Corr. 29.17 in.	* OVNT LOW 29		
			0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. 8/10 SC	Clds.	Clds. 10/10 CU
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ∨ ±0.0 mb	Wx FG M. Cloudy	Wx	Wx BRN OVRCST -FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CAP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 36$
$HDD = 29$
$CDD = 0$
$\Sigma HDD = 779$
$\Sigma CDD = 0$
$\Sigma PCN_L = 1.37''$
$\Sigma PCN_S = 0.4''$

$T_{DAYS} = 37/34$
$T_{UNV} = 36/34$

$\bar{T}_W = 35$
$\bar{T}_D = 34$

$G2: 0.00''$
$\Sigma G2: 1.44''$

Sunday December 31, 2006

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. N	Temp 76 °F			
Min. 30 °F	Vel. 3 m.p.h.	Read. 29.27 in.	WARMEST DECEMBER ON RECORD 38.90, 06 = 38.8 (1965) LEAST SNOW YOR ON RECORD 8.8", 06 = 14.2 (1889)		
Set 31 °F	Char. Breezy	Corr. 29.13 in.	0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.44 in.	Clds. 10/10 AC	Clds.	Clds. 10/10 NS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx BKN ONRST -FG	Wx	Wx -SHSN -FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DGP	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.

$\overline{T} = 41$

HDD = 24

CDD = 0

ΣHDD = 803

ΣCDD = 0

ΣPCM = 1.37"

ΣPCNS = 0.4"

T_{DAVIS} = 31/28

T_{UNV} = 30/28

T_W = N/A

T_D = 28*

DEC. TEMPS

$\overline{T}_{MAX}$ = 46.8

$\overline{T}_{MIN}$ = 30.0

$\overline{T}_{DEC}$ = 38.9

GZ = 0.00

ΣGZ = 1.44"

* from davis