Monday, 1 May, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 74 °F			
Min. 44 °F	Vel. 0 m.p.h.	Read. 29.20 in.			
Set 48 °F	Char. calm	Corr. 29.08 in.	0700	1300	1900
R.H. 61 %	24 hr. Mov. — mi.	Sea L. 30.46 in.	Clds. 9/10 Ac, Cc	Clds. 1/10 As, x FU	Clds. 2/10 Acu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +0.7 mb	Wx An early May morning	Wx FU *	Wx clear FU *
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 57°
HDD = 8
ΣHDD = 8

T_{DAVIS} = 49°/36°
T_{UNV} = 46°/34°
T_{KPSU} = 48°/M

T_w = 43°
T_D = 36°

ΣPCN_L = 0.00"
ΣPCN_S = 0.0"

* LARGE BRUSH FIRE TO ESE SMOKE PLUME DIRECTED TOWARD STATION.
* Again at closing (1900)

PCN_{LTB} = 0.00"
ΣPCN_{LTB} = 0.00"

Tuesday May 2, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. SW	Temp 75 °F	ASH FALL FROM BRUSH FIRE ~8 MI ESE LAST EVENING (5/1)		
Min. 44 °F	Vel. 2 m.p.h.	Read. 28.92 in.			
Set 49 °F	Char. calm	Corr. 28.79 in.	0700	1300	1900
R.H. 59 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 1/10 Cu	Clds. 1/10 Cu St	Clds. As 6/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \ .5 mb	Wx Hz, FU	Wx Clear Sunny	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAB	Vis. 10 mi.	Vis. 15 mi.	Vis. 25 mi.

$\bar{T} = 58$

$HDD = 7$

$\Sigma HDD = 15$

$T_{DAVD} = 51/37$

$T_{UNV} = 48/36$

$T_W = 44$

$T_D = 35$

$\Sigma PCN_L = 0.00"$

$\Sigma PCN_S = 0.0"$

$PCN_{LTB} = N/A$

$\Sigma PCN_{LTB} = N/A$

Wednesday, May 3, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. N	Temp 72 °F			
Min. * 49 °F	Vel. 1 m.p.h.	Read. 28.76 in.			
Set 55 °F	Char. Light	Corr. 28.64 in.	* overnight low - 52°F		
R.H. 52 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.2mb	Clds. As 9/10 Ac	Clds. 7/10 Sc Ci	Clds. 1/10 Cc 1/10 Ac
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Wx Mostly Cloudy	Wx M. Cloudy	Wx M. Clear
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 64$

$HDD = 1$

$CDD = 0$

$\Sigma HDD = 16$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.00"$

$\Sigma PCN_S = 0.0"$

$T_{Davis} = 56/43$

$T_{UNV} = 52/43$

$T_{wet} = 41$

$T_{Rain} = 42$

$PCN_{LTB} = n/a$

$\Sigma PCN_{LTB} = n/a$

May 04, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. WSW	Temp 74 °F			
Min. 50 °F	Vel. 2 m.p.h.	Read. 28.97 in.			
Set 57 °F	Char. Light & Variable	Corr. 28.74 in.	0700	1300	1900
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. 8/10 Ci Contrails	Clds. Ci 5 Cs 10 (mostly)	Clds. 8/10 Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx M. Clear	Wx M. Clear	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 63$

$T_{DAVIS} = 59/40$

$T_{UNIV} = 57/37$

$T_{FN} = 47°$

$T_D = 36.5'$

$HDD = 2$

$CDD = 0$

$\Sigma HDD = 18$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.00'$

$\Sigma PCN_S = 0.0''$

Friday, 5 May, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. NNE	Temp 74 °F			
Min. 57 °F	Vel. 3 m.p.h.	Read. 28.71 in.			
Set 59 °F	Char. light	Corr. 28.59 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. 10/10 Cs,St	Clds.	Clds. 5/10 As Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.1 mb	Wx A dim sky w/ haze	Wx	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 70°$

HDD = 0

ΣHDD = 18

CDD = 5

ΣCDD = 5

$T_{CAVIS} = 59.5°/52°$

$T_{UNV} = 57°/50°$

$T_{KPSU} = 57°/52°$

$T_W = 55°$

$T_D = 52°$

$\Sigma PCN_L = 0.00"$

$\Sigma PCN_S = 0.0"$

$PCN_{LTB} = 0.00"$

$\Sigma PCN_{LTB} = N/A$

Saturday, May 6, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. ENE	Temp 74 °F			
Min. 53 °F	Vel. 2 m.p.h.	Read. 28.64 in.			
Set 56 °F	Char. Light	Corr. 28.52 in.			
			0700	1300	1900
R.H. 64 %	24 hr. Mov. mi.	Sea L. 29.85 in.	Clds. Ac 7/10 As	Clds.	Clds.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.9 mb	Wx Mostly Cloudy w/ haze	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. mi.

$\bar{T}$ = 64

HDD = 1

CDD = 0

ΣHDD = 19

ΣCDD = 5

ΣPCN$_L$ = 0.00"

T_{DAVIS} = 56/44

T_{VAN} = 57/41

T_D = M

T_W = M

PCN_{LTD} = N/A

ΣPCN_{LTD} = N/A

SUNDAY 7 MAY 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	*Dir. S	Temp *74 °F			
Min. 39 °F	*Vel. 5 m.p.h.	Read. *28.89 in.			
*Set 63 °F	*Char. STEADY	Corr. *28.76 in.	*OBS TAKEN AT 2100 UTC		
			0700	1300	1900
R.H. *19 %	24 hr. Mov. — mi.	*Sea L. 30.09 in.	*Clds. 10/10 Cs	Clds.	Clds. Cs 7/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. L -0.4 mb	Wx DRY	Wx	Wx Mostly Cloudy
Ppn. Sol. — in.	Snow Depth — in.	Observer CWS	*Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 52$

$H_{DD} = 18$

$\Sigma H_{DD} = 32$

$\Sigma C_{DD} = 5$

$\Sigma PCN_L = 0.00$

$T_{DMS} = 61/24$

$T_{DMV} = 61/23$

$T_W = 45$

$T_D = 20$

Meteorological Observatory
Univeristy Park, PA

Monday, May 8, 2006 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 66 °F	Dir. S	Temp 73 °F			
Min. 43** °F	Vel. 1 m.p.h.	Read. 28.96 in.	* From thermograph - mn.		
Set 51 °F	Char. Calm	Corr. 28.84 in.	*Ovnt Low = 50°F		
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	0700: Clds. As 10/10	1300: Clds.	1900: Clds. Ac 9/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.7 mb	0700: Wx Overcast	1300: Wx	1900: Wx Mostly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	0700: Vis. 25 mi.	1300: Vis. mi.	1900: Vis. 25 mi.

T = 55

HDD = 10

CDD = 0

ΣHDD = 92

ΣCDD = 5

ΣPCW_L = 0.00%

T_DAILY = 51/40

T_NORM = 50/41

T_A = m

T_W = m

PCN_LTD = N/A

ΣPCN_LTD = N/A

TUESDAY 9 MAY 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. —	Temp 74 °F			
Min. 42 °F	Vel. 0 m.p.h.	Read. 28.93 in.			
Set 45 °F	Char. CALM	Corr. 28.80 in.	0700	1300	1900
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 8/10 As	Clds.	Clds. 4/10 Cs Cc Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +0.9 mb	Wx R INVLY	Wx	Wx Mostly Cloudy
Ppn. Sol. — in.	Snow Depth — in.	Observer WJS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 54$
$HDD = 11$
$\Sigma HDD = 59$
$\Sigma CDD = 5$
$\Sigma PCN_L = 0.00$

$T_{DAILY} = 46/38$
$T_{UNV} = 44/41$

$T_W = 39$
$T_D = 31$

WEDNESDAY 10 MAY 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. S	Temp 74 °F	* OVNT LOW 46		
Min. * 45 °F	Vel. 2 m.p.h.	Read. 28.76 in.			
Set 50 °F	Char. LIGHT	Corr. 28.63 in.	0700	1300	1900
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. CLR FEW Ci W, BKN	Clds.	Clds. 3/10 C
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.7 mb	Wx FU IN V4	Wx	Wx Mostly Sunny
Ppn. Sol. — in.	Snow Depth — in.	Observer WJS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 58$

$HDD = 7$

$\Sigma HDD = 60$

$\Sigma CDD = 5$

$\Sigma PCN_L = 0.00$

$\bar{T}_{DMS} = 50/41$

$T_{MN} = 51/41$

$T_W = 44$

$T_D = 38$

Thursday, May 11, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NE	Temp 74 °F	- RA 0417 - 0448		
Min. 50* °F	Vel. 0 m.p.h.	Read. 28.54 in.			
Set 56 °F	Char. Calm	Corr. 28.42 in.	*Ovngt Low = 55°F		
			0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	Clds. As 10/10 Ns	Clds.	Clds. 10 SC 10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \-0.7 mb	Wx Overcast	Wx	Wx Moderate Rain
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 3.5 mi.

$\bar{T} = 65$

$HDD = 0$

$CDD = 0$

$\Sigma HDD = 50$

$\Sigma CDD = 5$

$\Sigma PCP_L = T$

$T_{DAILY} = 57/53$

$T_{UNV} = 55/50$

$T_d = m$

$T_w = m$

$PCP_{LTD} = N/A$

$\Sigma PCP_{LTD} = N/A$

Friday May 12, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. SW	Temp 74 °F	-RA, OCCL+RA 0900-1100 -RA/OCCL+RA 1400-2330 OCCL-RA 2330-0200		
Min. 45 °F	Vel. 4 m.p.h.	Read. 28.54 in.			
Set 48 °F	Char. Steady	Corr. 28.41 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.75 in.	Clds. 1/10 AS	Clds. 6/10 AC	Clds. 6/10 AC
Ppn. Liq. 0.76 in.	Prev. Dir. —	3 hr. Tend. /+2.0 mb	Wx Sunny	Wx Partly Sunny	Wx P. Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NAK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 53$

$HDD = 12$

$CDD = 0$

$\Sigma HDD = 72$

$\Sigma CDD = 5$

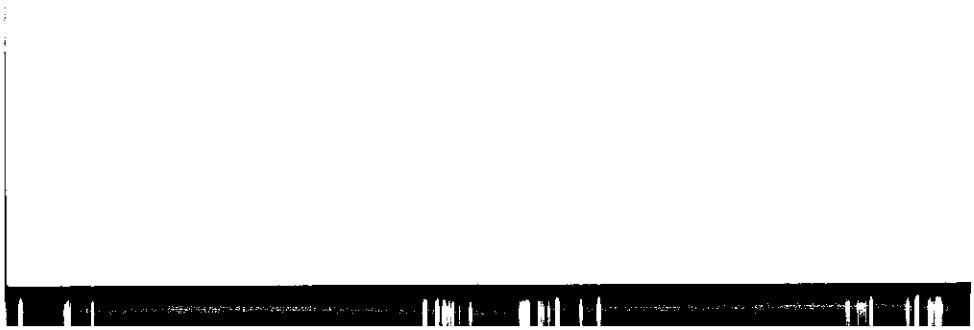
$\Sigma P(N_c) = 0.76$

$T_{Davis} = 50/47$

$T_{UNV} = 50/45$

$t_w = 43$

$t_e = 38$



Saturday, May 13, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. SSE	Temp 72 °F	-SHRA 04:20-0440 LT -SHRA 0720-0800 LT		
Min. 48* °F	Vel. 2 m.p.h.	Read. 28.73 in.			
Set 51 °F	Char. Light + Variable	Corr. 28.60 in.	*overnight low = 51°		
			0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 AC NS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -/+0.6 mb	Wx -FG -SHRA	Wx	Wx FORECST FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 57$

$HDD = 8$

$CDD = 0$

$\Sigma HDD = 80$

$\Sigma CDD = 5$

$\Sigma PON_L = 0.76"$

$\Sigma PON_S = 0.0"$

$T_{DAYS} = 51/47$

$T_{NITE} = 50/48$

$T_W = 49°$

$T_D = 46.5°$

Sunday May 14, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. SE	Temp 72 °F	OCCL -SHRA TS -SHRA TS	0800 - 1040 ET 1440 - 1540 LT 1600 - 1720 LT 2040 - 2100 LT	
Min. 51* °F	Vel. 4 m.p.h.	Read. 28.77 in.			
Set 56 °F	Char. Becoy	Corr. 28.164 in.	*overnight low = 55°		
			0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 10/10 AS	Clds.	Clds. AS 10/0
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↓ +0.4 mb	Wx OVERCAST FG	Wx	Wx -SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. mi.	Vis. ~15 mi.

$\bar{T} = 59$

$HDD = 6$

$CDD = 0$

$\Sigma HDD = 86$

$\Sigma CDD = 5$

$\Sigma PCP_L = 0.76"$

$T_{DAYS} = 53/52$

$T_{UNV} = 55/50$

$T_W = 53$

$T_D = 51$

Monday, May 15, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. NNE	Temp 72 °F	TSVC 1301-1321 LT -DZ 1321-1341 TSVC 1721-1741 -RA/RA 2322-0302 LT -RA/RA 0641-0855		
Min. 50 °F	Vel. 4 m.p.h.	Read. 28.70 in.			
Set 50 °F	Char. Gusty	Corr. 28.58 in.			
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	0700 Clds. Ws 10/10 St	1300 Clds.	1900 Clds. 7/10 AS AC
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. +0.9 mb	Wx RA w/ fog	Wx	Wx -FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~2 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 57$

HDD = 8

CDD = 0

$\Sigma HDD = 94$

$\Sigma CDD = 5$

$\Sigma PCN_L = 0.86"$

$T_{DAVIS} = 51/49$

$T_{UNIV} = 50/50$

$T_D = ??$

$T_D = ??$

$PCN_{LTD} = N/A$

$\Sigma PCN_{LTD} = N/A$

Tuesday May 16, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. SSW	Temp 74 °F	-SHRA -SHRA RA -SHRA FG/MIST FG/MIST FG/MIST	CCCC - 0920 LT 0940 - 1420 LT 1640 - 1700 LT 1922 - 1940 LT 2140 - 2300 LT 2326 - 0310 LT 0600 - 0640 LT	
Min. 43 °F	Vel. 4 m.p.h.	Read. 28.60 in.			
Set 45 °F	Char. Bldg	Corr. 28.46 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	Clds. 10/10 AS	Clds.	Clds. NS 10/10
Ppn. Liq. 0.30 in.	Prev. Dir. —	3 hr. Tend. −±0.0 mb	Wx OVRCST +FG IN VALLEY	Wx	Wx -SHRA -FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CDP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 46$

$HDD = 17$

$CDD = 0$

$\Sigma HDD = 111$

$\Sigma CDD = 5$

$\Sigma PCN_L = 1.16''$

$T_{DMCS} = 45/45$

$T_{INV} = 45/45$

$T_W = 44$

$T_D = 43$

Wednesday May 17, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. WSW	Temp 72 °F	FG/MST 0800 - 0840 LT -SHRA 0940 - 1000 LT -SHDZ 1620 - 1640 LT -SHRA 1720 - 1740 LT DZ 2200 - 2220 LT -SHRA 2240 - 0000 LT -SHRA 0400 - 0500 LT OCCL THUNDER 0500 - 0720 LT
Min. 45* °F	Vel. 2 m.p.h.	Read. 28.53 in.	
Set 53 °F	Char. Light & variable	Corr. 28.40 in.	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.00 in.	
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. -±0.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CAP	

0700	1300	1900
Clds. 10/10 AS	Clds.	Clds. 4/10 AC
Wx BKN OVRCST FG	Wx	Wx FG
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

*overnight low = 49°

$\bar{T} = 50$

$HDD = 15$

$CDD = 0$

$\Sigma HDD = 126$

$\Sigma CDD = 5$

$\Sigma PCN_L = 1.19"$

$T_{DAVIS} = 53/50$

$T_{UNIV} = 52/50$

$T_W = 80$

$T_D = 47.5$

Thursday, May 18, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SSW	Temp 72 °F	-RA 0902 ÷ 0921 LT -TSVC 2021-2041 -DZ 0921 - 0942 LT -RA 0942 - 1002 LT RA 1340 - 1400 LT -RA/BR 1520 - 1545 LT -TSVC 1700 - 1720 LT		
Min. 49 °F	Vel. 1 m.p.h.	Read. 28.29 in.			
Set 53 °F	Char. Calm	Corr. 28.17 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.49 in.	Clds. 8/10 Ac As	Clds.	Clds 3/10 Ci Sc
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx Mostly Cloudy w/ haze	Wx	Wx continuous mClear -Fg
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~17 mi.	Vis. mi.	Vis. 25 mi.

$T_= 56$
HDD = 9
CDD = 0
ΣHDD = 135
ΣCDD = 5
$\Sigma PCP_{24} = 1.80"$

$T_{DAVIS} = 53/50$
$T_{CAN} = 52/50$

$T_d = m$
$T_w = m$

$PCP_{LTD} = N/A$
$\Sigma PCP_{LTD} = N/A$

Friday May 19, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 61 °F	Dir. W	Temp 74 °F	-SHRA 0920 - 1200 LT -SHRA 1300 - 1400 LT TS 1420 - 1440 LT -TSDZ 1440 - 1500 LT TS 1700 - 1720 LT -RA 0200 - 0500 LT
Min. 45 °F	Vel. 2 m.p.h.	Read. 28.48 in.	
Set 46 °F	Char. Light	Corr. 28.35 in.	

0700	1300	1900
Clds. Sc 9/10	Clds.	Clds. Sc 10/10
Wx Mostly Cloudy	Wx	Wx BKN OVCST -FG
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

R.H.	24 hr. Mov.	Sea L.	3 hr. Tend.
93 %	— mi.	29.70 in.	V 0.1 mb
Ppn. Liq. 0.14 in.	Prev. Dir. —		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP + MLS	

$\bar{T} = 53$
HDD = 12
CDD = 0
ΣHDD = 147
ΣCDD = 5
$\Sigma PCN_L = 1.34''$

$T_{DAVIS} = 46/44$

$T_W = 42$
$T_d = m$

$PCN_{LTD} = N/A$
$\Sigma PCN_{LTD} = N/A$

Saturday May 20, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 4 51 °F	Dir. WSW	Temp 74 °F	-SHRA 1740-1800 LT -SHRA 2000-2020 LT ~~TSTSRA~~ -SHRA 0740-0800 LT 4 ties record min/max: 1976 * overnight low = 47°
Min. * 46 °F	Vel. 5 m.p.h.	Read. 28.60 in.	
Set 48 °F	Char. Breezy	Corr. 28.46 in.	

0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.74 in.
Clds. 10/10 NS	Clds.	Clds. 9/10
Ppn. Liq. 0.04 in.	Prev. Dir. ~	3 hr. Tend. / +0.5 mb
Wx FG OVRNGT -SHRA	Wx	Wx ~~FG~~ CLR
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP
Vis. 3.5E; 10 W mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 49$

$HDD = 16$

$CDD = 0$

$\Sigma HDD = 163$

$\Sigma CDD = 5$

$\Sigma PCN_L = 1.38"$

$T_{DMIS} = 48/46$

$T_{UNV} = 48/45$

$T_W = 47$

$T_D = 46$

Sunday May 21, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. SW	Temp 74 °F	SH IVZ 0800-0820Z		
Min. 46 °F	Vel. 5 m.p.h.	Read. 20.60 in.			
Set 50 °F	Char. Breezy	Corr. 20.96 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	Clds. 3/10 Ac	Clds.	Clds. 4/10 Sc
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend. -0.5 mb	Wx Fair P. Cldy	Wx	Wx Mostly Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer OP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 54$

$HDD = 11$

$CDD = 0$

$\Sigma HDD = 174$

$\Sigma CDD = 5$

$\Sigma PLN_L = 1.38"$

$T_{DAILY} = 51/41$

$T_{UNV} = 50/37$

$T_W = 46$

$T_D = 42$

Monday, May 22, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. WNW	Temp 73 °F	-SHRA 0838 - 1002 LT -SHRA 1102 - 1159 LT -SHRA 0139 - 0149 LT
Min. 43 °F	Vel. 11 m.p.h.	Read. 28.82 in.	
Set 45 °F	Char. Gusty	Corr. 28.70 in.	

0700	1300	1900
Clds. Sc 8/10	Clds.	Clds. 8/10 Ac
Wx Mostly Cloudy	Wx	Wx Mostly Sunny
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

R.H.	24 hr. Mov.	Sea L.	Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Ppn. Sol.	Snow Depth	Observer
72 %	— mi.	30.07 in.	0.02 in.	—	/+1.2 mb	0.0 in.	0 in.	MLS

$\bar{T}$: 56
HDD = 19
CDD = 0
ΣHDD = 128
ΣCDD = 5
ΣPCW = 1.40"

T_{MVIS} = 44/36
T_{UW} = 45/34

T_d = M
T_w = M

PCW_{UTB} = N/A
ΣPCW_{UTB} = N/A

Tuesday, May 23, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. NW	Temp 72 °F			
Min. 40 °F	Vel. 2 m.p.h.	Read. 29.81 in.			
Set 42 °F	Char. Calm	Corr. 29.70 in.	0700	1300	1900
R.H. 55 %	24 hr. Mov. — mi.	Sea L. 31.24 in.	Clds. 1/10 Cumulus	Clds.	Clds. 1/10 Ci Ac
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. ↗ 2.0 mb	Wx Sunny	Wx	Wx Hi Smy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T = 99
HDD = 16
CDD = 33
ΣHDD = [redacted] 204
ΣCDD = 5
ΣDCN$_{u}$ = 140"

T$_{Darts}$ = 43/33
T$_{UNV}$ = 43/32

T$_{L}$ = M
T$_{W}$ = M

Wednesday May 24, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. —	Temp 74 °F			
Min. x 42 °F	Vel. 0 m.p.h.	Read. 29.90 in.			
Set 49 °F	Char. Calm	Corr. 28.87 in.	*overnight low = 43		
			0700	1300	1900
R.H. 55 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. 6/10 ci ci	Clds.	Clds. 0/10 sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —+0.4 mb	Wx ~~Fg~~ M-Sunny	Wx	Wx Mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$= 53
HDD = 12
CDD = 0
ΣHDD = 216
ΣCDD = 5
ΣPCM = 1.40"

T_{DAVIS} = 50 / 38.5
T_{UNV} = 48 | 39

T_W = 42
T_D = 33.5

Thursday, May 25, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 74 °F			
Min. 49* °F	Vel. 0 m.p.h.	Read. 28.92 in.			
Set 57 °F	Char. Calm	Corr. 29.79 in.	* Overnight Low=55		
			0700	1300	1900
R.H. 57 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. As 10 Cs 10 Sc	Clds.	Clds. Ci 4 Cs 10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~-0.5 mb	Wx -Rz	Wx	Wx mostly sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 61$
HDD = 4
CDD = 0
ΣHDD = 220
ΣCDD = 5
$\Sigma P_{ENC} = 1.40"$

$T_{Davis} = 56/49$
$T_{UNV} = 55/48$

$T_w = 49$
$T_D = 42$

Friday, May 26, 2006

0700 EST

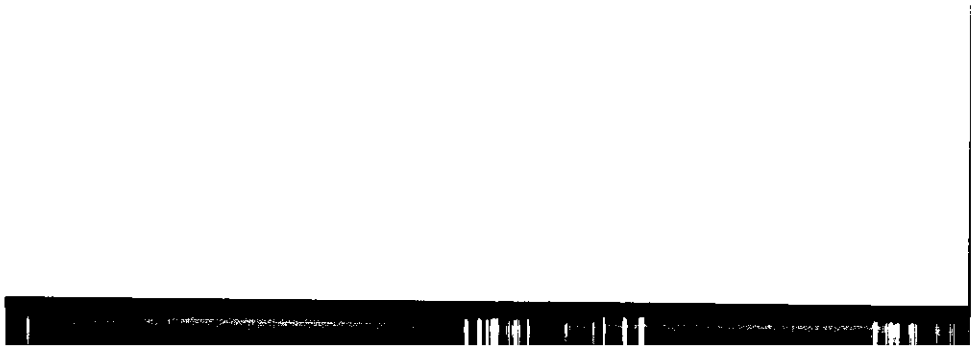
Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp 74 °F	-RA-Hz 0657-0838		
Min. 56 °F	Vel. 0 m.p.h.	Read. 29.20 in.			
Set 59 °F	Char. Calm	Corr. 29.07 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. Sc 10 / 10 As	Clds. As 10 / 10 Sc	Clds. NS 10/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx Light Rain	Wx Light Rain	Wx -SHRA HFG overcast
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 6.3 mi.	Vis. 25 mi.	Vis. 0.25 mi.

$\bar{F}$=64
HDD=1
CDD=0
ΣHDD=221
ΣCDD=5
$\Sigma P_c N_L$= 1.40"

T_{OAHS}= 57/55
T_{UNV}= 55/55

T_w= 56
T_B=54



Saturday May 27, 2000 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. N	Temp 78 °F	OCCL -SHRA 0800 - 1200 LT TS 1820 - 1840 LT -TSRA 1840 - 1920 LT TS 1920 - 2100 LT		
Min. 59* °F	Vel. 3 m.p.h.	Read. 28.72 in.			
Set 64 °F	Char. Breezy	Corr. 28.58 in.	*overnight low = 62		
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	0700 Clds. 10/10 SC	1300 Clds.	1900 Clds. Ci Ac 3/10 Sc
Ppn. Liq. 0.30 in.	Prev. Dir. —	3 hr. Tend. -+0.5mb	Wx BKN OVRCST FG	Wx	Wx Mostly Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer OP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 65$

$HDD = 0$

$CDD = 0$

$\Sigma HDD = 221$

$\Sigma CDD = 5$

$\Sigma PCN_2 = 1.70"$

$T_{DAILY} = 64.5/61.5$

$T_{UNV} = 64/59$

$T_W = 62$

$T_D = 61$

Sunday May 28, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. —	Temp 79 °F			
Min. 55 °F	Vel. 0 m.p.h.	Read. 29.25 in.			
Set 60 °F	Char. Calm	Corr. 29.11 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.60 in.	Clds. Ci Cirrostratus 3/10	Clds.	Clds. Ci 1/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx mostly Sunny, Fog	Wx	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. ~3.5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 66$

$T_{Davis} = 63/61$

$T_{Tunn} = 59/59$

$T_w = 59$

$T_d = 58$

HDD = 0

CDD = 1

ΣHDD = 221

ΣCDD = 6

$\Sigma PCW_L = 1.70''$

Monday, May 29, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 81 °F			
Min. 58 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 62 °F	Char. Calm	Corr. 28.90 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. Ci 3/10 Cs	Clds.	Clds. 0 10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ✓ +0.6 mb	Wx Mostly Sunny	Wx	Wx Sunny, Haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$T = 70$
$HDD = 0$
$CDD = 5$
$\Sigma HDD = 221$
$\Sigma CDD = 11$
$\Sigma PCN_L = 1.70"$

$T_{DNGS} = 64/59$
$T_{WW} = 61/57$

$T_d = m$
$T_w = m$

$PCN_{LTD} = N/A$
$\Sigma PCN_{LTD} = N/A$

Tuesday, May 30, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 91 °F	Dir. —	Temp 86 °F			
Min. 62 °F	Vel. 0 m.p.h.	Read. 29.27 in.			
Set 72 °F	Char. Calm	Corr. 29.14 in.	OVNT LOW 66		
			0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	Clds. Ci 2/10 Cirrostratus	Clds.	Clds. Ac 5/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +.01 mb	Wx Sunny Haze	Wx	Wx Mostly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 3.5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 77$

$HDD = 0$

$CDD = 12$

$\Sigma HDD = 231$

$\Sigma CDD = 23$

$\Sigma PCN_L = 1.70^{41}$

$T_{DAVG} = 72/68$

$T_{UNV} = 72/68$

$T_s = 65$

$T_w = 71$

Wednesday May 31, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

General Obs.

TS 2020 – 2040 LT
TS 1900 – 1920 LT
TS 2200 – 0040 LT
–SHRA 0100 – 0120 LT
TS SHRA 0120 – 0340 LT

A record high { old = 90, 1990 TIES MAY MAX, 10, 1979 }

Temp.	Wind	Barom.	0700	1300	1900
Max. 93 °F	Dir. SSW	Temp 86 °F			
Min. 65 °F	Vel. 3 m.p.h.	Read. 29.08 in.			
Set 68 °F	Char. Light + Variable	Corr. 28.92 in.			
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 6/10 Ac Ci	Clds.	Clds. Ac 10/10
Ppn. Liq. 0.26 in.	Prev. Dir. —	3 hr. Tend. ↘ 0.1 mb	Wx FG Contrails P.Cloudy	Wx	Wx Cloudy VCTS
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer QTP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 79$
HDD = 0
CDD = 14
ΣHDD = 221
ΣCDD = 37
$\Sigma PCN_L = 1.96''$

$T_{DAVIS} = 68/64$
$T_{UNV} = 68/63$

$T_W = 64$
$T_d = 62$

MAY TEMP'S

$\bar{T}_{MAX} = 68.9\ ^\circ F$
$\bar{T}_{MIN} = 48.8$
$\bar{T}_{MAY} = 58.85$