Saturday July 1, 2006

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. —	Temp 70 °F	TS 1800-1820 LT -SHRA 2005-2020 LT
Min. 59 °F	Vel. 0 m.p.h.	Read. 29.12 in.	
Set 61 °F	Char. Calm	Corr. 28.99 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend. +0.4 mb	
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer CSP	

	0700	1300	1900
Clds.	9/10	Clds.	Clds. 2/10 Ci Ac
Wx	Clear -FG	Wx	Wx -FG Mr. Clear
Vis.	25 mi.	Vis. mi.	Vis. 25 mi.

HDD = 0
CDD = 4

T_{DAILY} = 63/60
T_{WNV} = 59/55

T_W = 59
T_D = 58

ΣHDD = 0
ΣCDD = 4

ΣPCN_L = 0.00" (T)

Sunday July 2, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. WSW	Temp 71 °F			
Min. 61* °F	Vel. 6 m.p.h.	Read. 28.97 in.			
Set 75 °F	Char. Breezy	Corr. 28.95 in.	*overnight low = 72°		
			0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 9/10 Ac Cc	Clds.	Clds. Ci Cs Sc 10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — ±0.0 mb	Wx Mcldy -FG	Wx	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. ~17 mi.

$F = 72$

$HDD = 0$

$CDD = 7$

$\Sigma HDD = 0$

$\Sigma CDD = 11$

$\Sigma PCPL = 0.00''$ (T)

$T_{DAILES} = 75.5/67$

$T_{UNV} = 73/61$

$T_W = 70$

$T_D = 68$

$G_2 = 0.00''$

Monday July 3, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. WSW	Temp 72 °F	+TSRA 1511-1521 -RA, RA 0038-0312
Min. 67 °F	Vel. 6 m.p.h.	Read. 29.06 in.	
Set 69 °F	Char. Breezy	Corr. 28.94 in.	PK GUST 37 @ 1600 LT
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	
Ppn. Liq. 0.38 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

0700	1300	1900
Clds. Ac 3/10	Clds. Sc Ac 9/10	Clds. Ac 9/10
Wx mostly Sunny	Wx Cloudy, Haze	Wx Cloudy
Vis. 3.5 mi.	Vis. ~17 mi.	Vis. 25 mi.

T = 77
HDD = 0
CDD = 12
ΣHDD = 0
ΣCDD = 23
ΣPCM = 0.38"

TDAVIS = 69/69
TUNV = 70/64

Tw = ~
Td = ~

Gauge #2:
0.39

Tuesday July 4, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SW	Temp 72 °F	-RA HZ 2137-2148 -RA 0249-0306 -RA 0414-0503 -RA 0704-0713
Min. 69 °F	Vel. 2 m.p.h.	Read. 29.04 in.	
Set 70 °F	Char. Light	Corr. 28.92 in.	

	0700	1300	1900
R.H. 84 %	Clds. Sc 10/10	Clds. Sc Ac 10/10	Clds. 10/10 Ac
24 hr. Mov. — mi.	Wx Light Rain	Wx Rain	Wx FG BKN OVRC
Sea L. 30.37 in.	Vis. 25 mi.	Vis. ~17 mi.	Vis. 25 mi.
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend. ~0.2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer	

T= 76
HDD=0
CDD=11
ΣHDD=0
ΣCDD=34
ΣPCN_L= 0.38"

T_Davis= 72/68
T_UNV = 70/64

T_w=63
T_d=60

Wednesday July 5 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. NNW	Temp 74 °F	-SHRA 0800 – 0820 LT -SHRA 1145 – 1240 LT -SHRA 1340 – 1420 LT -SHRA 0100 – 0120 LT -SHRA 0600 – 0800 LT -TSRA 0640 – 0700 LT
Min. 67 °F	Vel. 1 m.p.h.	Read. 28.87 in.	
Set 67 °F	Char. Light & Variable	Corr. 28.74 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	
Ppn. Liq. 0.29 in.	Prev. Dir. —	3 hr. Tend. -+0.3 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CP	

	0700	1300	1900
Clds.	10/10 Ns	Clds.	Clds. Ac 5 10
Wx	LTFG SHRA OVERCAST	Wx	Wx Partly Sunny
Vis.	1.1 mi.	Vis. mi.	Vis. 25 mi.

$F = 73$

$HDD = 0$

$CDD = 8$

$\Sigma HDD = 0$

$\Sigma CDD = 42$

$EPCM_2 = 0.66"$

$T_{DAVIS} = 67/67$

$T_{UNV} = 66/64$

$T_W = 66$

$T_D = 66$

$G_2 : 0.28^4$

$\Sigma B_2 : 0.67"$

Thursday July 6, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. NW	Temp 72 °F	- KA0800 - 0830 LT		
Min. 60 °F	Vel. 3 m.p.h.	Read. 29.22 in.			
Set 61 °F	Char. Light	Corr. 29.10 in.			
			0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.94 in.	Clds. Sc 3/10 Ac	Clds. Ac 5/10	Clds. ~~Ac~~ 5/10 Sc
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 10.3 mb	Wx Mostly Sunny	Wx Partly Sunny	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 70$
HDD = 0
CDD = 5
ΣHDD = 0
ΣCDD = 47
ΣPCN$_L$ = 0.66"

$T_{Davis} = 61/55$
$T_{UNV} = 61/50$

$T_w = 59$
$T_d = 53$

Gauge λ = 0
Σ Gauge λ = 0.67"

Meteorological Observatory
Univeristy Park, PA

Friday July 7, 2006 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. NW	Temp 70 °F			
Min. 57 °F	Vel. 1 m.p.h.	Read. 29.64 in.			
Set 59 °F	Char. Light	Corr. 29.52 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.90 in.	Clds. As Sc 3/10	Clds. Ac 5/10	Clds. Ac Cs 4/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx mostly Sunny	Wx Partly Sunny	Wx Mostly Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

HDD = 0
CDD = 0
ΣHDD = 0
ΣCDD = 47
ΣPCN_L = 0.66"

T_Davis = 59/55
T_UNV = 57/52

T_w = —
T_d = —

Gauge 2: 0.00
ΣGauge 2 = 0.67"

SATURDAY 8 JULY 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. M	Temp M °F			
Min. ~~59~~ * °F	Vel. M m.p.h.	Read. M in.	*DWPT LOW 61 OBTAKEN 1915 LT ERRANEOUS REMKS		
Set 62 °F	Char. M	Corr. M in.	0700	1300	1900
R.H. M %	24 hr. Mov. – mi.	Sea L. M in.	Clds. M	Clds.	Clds. 5/10 AS, AC
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. ↓0.5 mb	Wx M	Wx	Wx -HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CNTS	Vis. M mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 68$

$C_{DD} = 3$

$\Sigma H_{DD} = 0$

$\Sigma C_{DD} = 50$

$S PCN_L = 0.66"$

$T_{DAYS} = M$

$T_{NIGHT} = 57/55$

$\frac{T_W}{T_D} > M$

$\Sigma GAGE_2 = 0.67"$

Sunday, July 9, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. SSW	Temp 70 °F			
Min. 62* °F	Vel. 0 m.p.h.	Read. 28.91 in.			
Set 65 °F	Char. Calm	Corr. 28.80 in.	*Ovngt Low <63°F		
			0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. As 7/10 Cu Ac	Clds.	Clds. As Cu 6/10 Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. V=0.0 mb	Wx Partly Cloudy	Wx	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 70$

$HDD = 0$

$CDD = 5$

$\Sigma HDD = 0$

$\Sigma CDD = 55$

$\Sigma PCNL = 0.66''$

$T_{DAVIS} = 66/61$

$T_{UNV} = 64/57$

$T_a = m$

$T_w = m$

Gauge #2 = 0.00

Σ Gauge 2 = 0.67

Monday, July 10, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SSW	Temp 70 °F	-TSVC 1000-1500 LT		
Min. 62 °F	Vel. 1 m.p.h.	Read. 28.86 in.			
Set 64 °F	Char. Light + Variable	Corr. 28.75 in.			
			0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. Cs Ci Cu 4/10	Clds. Cs As Cu 9/10	Clds. Ac Cs Ci 5/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -/+0.8 mb	Wx Partly Sunny w/ haze	Wx Mostly Cloudy w/ haze	Wx Partly Sunny, Haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~5 mi.	Vis. ~10 mi.	Vis. ~17 mi.

$\bar{T} = 71$

$HDD = 0$

$CDD = 6$

$\Sigma HDD = 0$

$\Sigma CDD = 61$

$\Sigma PCN_L = 0.66"$

$T_{DAILY} = 64/63$

$T_{UNIV} = 64/59$

$T_d = M$

$T_w = M$

$Gauge_2 = T$

$\Sigma Gauge_2 = 0.67"$

Tuesday July 11, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 72 °F			
Min. 69 °F	Vel. 2 m.p.h.	Read. 29.10 in.			
Set 71 °F	Char. Light	Corr. 28.97 in.	*OVNT Low = 70°		
			0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.44 in.	Clds. Ci 2/10	Clds.	Clds. 10/10 AS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx Mostly sunny, Haze	Wx	Wx overcst FFG/HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MK	Vis. 3.5 mi.	Vis. mi.	Vis. 17 mi.

$\bar{T} = 73$

$T_{Davis} = 71/67$

$T_{UNV} = 72/61$

$T_D = 60$

$T_W = 69$

$HDD = 0$

$CDD = 8$

$\Sigma HDD = 0$

$\Sigma CDD = 69$

$\Sigma PCN_L = 0.66"$

Gauge Ht = 0.00

Σ Gage 2 = 0.67"

July 12, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. SSE	Temp 72 °F	TS 2240 – 2320 LT -SHRA 2320 – 0220 LT -SHRA 0540 – 0800 LT		
Min. * 71 °F	Vel. 2 m.p.h.	Read. 29.00 in.	* RECORD MAX MIN OLD=70 /1988		
Set 71 °F	Char. Light & Variable	Corr. 28.87 in.	0700	1300	1900
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 10/10 BS	Clds.	Clds. Cs 8/10 As Ci
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. ~-0.1 mb	Wx ~~FG~~ OVRCST ~~SPRINKLES~~	Wx	Wx mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. ~10 mi.	Vis. mi.	Vis. 3.5 mi.

$\bar{T} = 79$
HDD = 0
CDD = 14

$T_{DANIS} = 70/70$
$T_{UNIV} = 70/66$

$T_W = 70$
$T_D = 70$

$\Sigma HDD = 0$
$\Sigma CDD = 83$
$\Sigma PCN_L = 0.72"$

G2: 0.06"
EG2: 0.73"

Thursday July 13, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. WSW	Temp 72 °F	-RA, RA 0819 - 1051 -RA, TRA 1612 - 1805 RA 2215 - 2248 -RA 0504 - 0618 * RECORD MIN MW ; 0W = 70, 1948
Min. * 71 °F	Vel. 4 m.p.h.	Read. 29.04 in.	
Set 71 °F	Char. Light	Corr. 28.92 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	
Ppn. Liq. 0.65 in.	Prev. Dir. —	3 hr. Tend. — mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MK	

	0700	1300	1900
Clds.	Clds. ~~10~~ Ac Sc 10	Clds. 4/10 Cu	Clds. 2/10 Ci Cu
Wx	Wx Cloudy, Fog	Wx	Wx Haze -HZ
Vis.	Vis. ~3.5 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 76$

HDD = 0

CDD = 11

ΣHDD = 0

ΣCDD = 94

$\Sigma P_{CNL} = 1.37''$

$T_{Davis} = 71/71$

$T_{UNV} = 72/68$

$T_U = 69$

$T_J = 68$

Gauge 2 = 0.67

Σ Gauge 2 = 1.40"

Friday, July 14, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. E	Temp 72 °F	-SHRA 0900 -1000LT -SHRA 1040- 1900 LT		
Min. 64 °F	Vel. 1 m.p.h.	Read. 28.90 in.			
Set 65 °F	Char. Light	Corr. 28.78 in.			
			0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. Ci Ac 4/10	Clds.	Clds. ~~4/10~~ Ac As
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. /+0.9 mb	Wx Partly Cloudy w/ valley fog	Wx	Wx P.Cldy -HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~6 mi.	Vis. mi.	Vis. 5 mi.

$T = 73$
$HDD = 0$
$CDD = 8$
$\Sigma HDD = 0$
$\Sigma CDD = 102$
$\Sigma PCN_L = 1.38"$

$T_{DAVIS} = 66/65$
$T_{UNIV} = 63/61$

$T_I = m$
$T_W = m$

$Gauge_2 = 0.01$
$\Sigma Gauge_2 = 1.41"$

Saturday July 15, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. S	Temp 71 °F	TS 0420 – 0440 LT TS + SHRA 0500 – 0520 LT – SHRA 0520 – 0540 LT		
Min. ~~X~~ 65 °F	Vel. 1 m.p.h.	Read. 28.88 in.			
Set 71 °F	Char. Light & Variable	Corr. 28.74 in.	*overnight low = 71		
			0700	1300	1900
R.H. 97 %	24 hr. Mov. mi.	Sea L. 30.06 in.	Clds. 10/10 AS	Clds.	Clds. 0/10
Ppn. Liq. 0.38 in.	Prev. Dir. —	3 hr. Tend. –±0.0 mb	Wx Overcast +Fg (9a)	Wx	Wx Clear –HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. ~1/4 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 76$

HDD = 0

CDD = 11

ΣHDD = 0

ΣCDD = 113

ΣPCN = 1.75"

$T_{DAVIS} = 70/70$

$T_{UNIV} = 70/68$

$T_W = 70$

$T_D = 70$

CD: 0.37"

ΣG2: 1.70"

Sunday July 16, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. —	Temp 71 °F	SHRA 0840 - 0900 LT SHRA 1000 - 1020 LT -SHRA 1140 - 1200 LT -SHRA 1340 - 1400 LT		
Min. 66 °F	Vel. 0 m.p.h.	Read. 29.00 in.			
Set 70 °F	Char. Calm	Corr. 29.88 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. 9/10	Clds.	Clds. 0/10
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. -0.6 mb	Wx +RA Clear	Wx	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 75$

$T_{DAILY} = 72/68$

$T_W = 68$

$T_D = 69$

$HDD = 0$

$CDD = 10$

$\Sigma HDD = 0$

$\Sigma CDD = 123$

$\Sigma PCM = 1.77''$

$T_{UNV} = 68/64$

$G2 = 0.03''$

$\Sigma G2 = 1.81''$

Monday, July 17, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. NNW	Temp 72 °F			
Min. 70 °F	Vel. 1 m.p.h.	Read. 28.94 in.			
Set 75 °F	Char. Light	Corr. 28.82 in.	*ovngt Low = 71°F		
			0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↑ +0.7mb	Wx Sunny	Wx	Wx Sunny, Haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F = 80
HDD = 0
CDD = 15
ΣHDD = 0
ΣCDD = 138
ΣPCN$_L$ = 1.77"

T_{DAVIS} = 77/70

T_{UNV} = 75/64

T_d = M
T_w = M

Gauge$_2$ = 0.00"
ΣGauge$_2$ = 1.81"

TUESDAY 18 JULY 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 92 °F	Dir. WSW	Temp 72 °F	* REC. MAX MIN OLD = 72, 2005
Min. * 73 °F	Vel. 6 m.p.h.	Read. 29.02 in.	
Set 76 °F	Char. Breezy	Corr. 28.80 in.	
R.H. 81 %	24 hr. Mov. ← mi.	Sea L. 30.10 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~ ±0.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

	0700	1300	1900
Clds.	Clds. 0/10	Clds. 9/10 Cu Ac As	Clds. 6/10 Ac Cu
Wx	Wx Sunny, Haze	Wx M/Cloudy w/ Haze	Wx P.Cloudy -HZ
Vis.	Vis. 25 mi.	Vis. ~15 mi.	Vis. 25 mi.

T = 83
HDD = 0
CDD = 18
ΣHDD = 0
ΣCDD = 156
ΣPCN$_L$ = 1.77"

T$_{Davis}$ = 77/72
T$_{UNV}$ = 77/68

T$_U$ = 70
T$_D$ = 68

Gauge 2 = 0.00
Σ Gauge 2 = 1.81"

Wednesday July 19, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. NNE	Temp 72 °F			
Min. 69 °F	Vel. 3 m.p.h.	Read. 29.06 in.			
Set 71 °F	Char. Breezy	Corr. 28.94 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. mi.	Sea L. 30.13 in.	Clds. 1/10 Ac	Clds.	Clds. Ac 2/10 Cs
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. +1.8 mb	Wx Mclear Fg	Wx	Wx mostly Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer OTP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 79$

$HDD = 0$

$CDD = 14$

$\Sigma HDD = 0$

$\Sigma CDD = 170$

$\Sigma PCN_L = 1.77''$

$T_{DAVIS} = 72/68$

$T_{UNIV} = 70/63$

$T_W = 66$

$T_D = 67$

$G2 = 0.00''$

$\Sigma G2 = 1.81''$

Thursday, July 20, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SE	Temp 72 °F			
Min. 71 °F	Vel. 2 m.p.h.	Read. 29.20 in.			
Set 73 °F	Char. Light	Corr. 29.08 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. Cr 1/10	Clds.	Clds. Ac 3/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx Partly 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.

$\overline{T} = 79$

$HDD = 0$

$CDD = 14$

$\Sigma HDD = 0$

$\Sigma CDD = 184$

$\Sigma PCN_L = 1.77"$

$T_{Davis} = 72/70$

$T_{UNV} = 72/66$

$T_w = 69$

$T_d = 67$

Gauge 2 = 0.00

Σ Gauge 2 = 1.81"

Friday July 21, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. SW	Temp 72 °F	-RA 2246-2353
Min. 70 °F	Vel. 4 m.p.h.	Read. 29.02 in.	
Set 71 °F	Char. Variable	Corr. 28.90 in.	
R.H. 96 %	24 hr. Mov. —— mi.	Sea L. 29.29 in.	
Ppn. Liq. 0.05 in.	Prev. Dir. ——	3 hr. Tend. ~±0.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

	0700	1300	1900
Clds.	Sc 3/10	Sc 6/10 Ac	Cs 6/10 Ac
Wx	Partly Sunny, Fog	Partly Sunny	Wx mostly cloudy, haze
Vis.	.25 mi.	25 mi.	~17 mi.

$\bar{T} = 78$

$HDD = 0$

$CDD = 13$

$\Sigma HDD = 0$

$\Sigma CDD = 197$

$\Sigma PCN_L = 1.82''$

$T_{Davis} = 72/71$

$T_{UNV} = 72/68$

$T_w = 67$

$T_s = 64$

Gauge $= 0.05$

Σ Gauge $= 1.86''$

Saturday, July 22, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. —	Temp 72 °F	-RA 0142 - 0504 RA 0726 - 0800
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.82 in.	
Set 70 °F	Char. Calm	Corr. 28.70 in.	
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 28.97 in.	
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. -0.3 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

	0700	1300	1900
Clds.	Sc 10 10	Clds.	Clds. Sc 7/10 Cs
Wx	Rain	Wx	Wx Mostly Cloudy
Vis.	6.3 mi.	Vis. mi.	Vis. ~15 mi.

$\bar{T} = 78$

$HDD = 0$

$CDD = 13$

$\Sigma HDD = 0$

$\Sigma CDD = 210$

$\Sigma PCN_c = 1.91''$

$T_{Davis} = 72/69$

$T_{UNV} = 68/66$

$T_w = 68$

$T_b = 67$

$Gauge 2 = 0.09$

$\Sigma Gauge 2 = 1.93''$

Sunday, July 23, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. N	Temp 70 °F	- TSRA OBS - 0930 LT - RA 1130 - 1315 LT - RA/RA 1500 - 1630 LT - RA 2315 - 0000 LT - DZ 0300 - 0315 LT		
Min. 63 °F	Vel. 1 m.p.h.	Read 28.95 in.			
Set 64 °F	Char. Calm	Corr. 28.64 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. Ac Cs Cu 6/10	Clds.	Clds. Cu Ci 3/10
Ppn. Liq. 0.40 in.	Prev. Dir. —	3 hr. Tend. /+0.4 mb	Wx Partly Sunny	Wx	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~17 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$=71°

HDD=0

CDD=6

ΣHDD=0

ΣCDD=216

ΣPCNL=2.31"

T_{DAVIS} = 65/61

T_{OAK} = 66/57

T_L = m

T_U = m

Gauge$_2$ = 0.40"

ΣGauge$_2$ = 2.33"

Monday, July 24, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. WSW	Temp 70 °F	-SHRA 1400-1415 LT		
Min. 60 °F	Vel. 2 m.p.h.	Read. 28.90 in.			
Set 62 °F	Char. Light + Variable	Corr. 28.79 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 0/10	Clds.	Clds. Cs 4/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+0.9 mb	Wx Sunny	Wx	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$
$HDD = 0$
$CDD = 4$
$\Sigma HDD = 0$
$\Sigma CDD = 220$
$\Sigma PCN_L = 2.31''$

$T_{DAVIS} = 63/59$
$T_{UNIV} = 63/57$

$T_w = m$
$T_d = m$

$Gauge_2 = T$
$\Sigma Gauge_2 = 2.33''$

Tuesday July 25, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. —	Temp 70 °F			
Min. 62 °F	Vel. 0 m.p.h.	Read. 29.22 in.			
Set 65 °F	Char. Calm	Corr. 29.10 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. Ci 2/10	Clds.	Clds. 4/10 Cu Ns
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx Sunny	Wx	Wx PCloudy FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NA	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 72$
$HDD = 0$
$CDD = 7$
$\Sigma HDD = 0$
$\Sigma CDD = 227$
$\Sigma PCN_L = 2.31''$

$T_{Davis} = 67/64$
$T_{UNV} = 64/59$

$T_w = 64$
$T_d = 60$

Gauge 2 = 0.00
Σ Gauge 2 = 2.33"

Wednesday July 26, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp 72 °F			
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set 68 °F	Char. Calm	Corr. 30.03 in.	overnight low = 68		
			0700	1300	1900
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. ⊗ OBSTRUCTED DUE TO HEAVY FOG	Clds.	Clds. Ac Sc Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx +FG	Wx	Wx Cloudy, Haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. 0.25 mi.	Vis. mi.	Vis. 3.5 mi.

$\bar{T} = 76$
HDD = 0
CDD = 11

$T_{DAILY} = 67/67$
$T_{NORM} = 66/64$

$T_W = 67$
$T_D = 67$

$\Sigma HDD = 0$
$\Sigma CDD = 238$
$\Sigma PCN_L = 2.31"$

G2: 0.00"
$\Sigma G2$: 2.33"

Thursday, July 27, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. S	Temp 72 °F			
Min. 68* °F	Vel. 2 m.p.h.	Read. 29.44 in.			
Set 73 °F	Char. Light	Corr. 29.32 in.	*OVNT LOW = 72		
			0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.64 in.	Clds. Ac 7/10 Sc	Clds.	Clds. Ac 10/10 Cn
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx 72 Cloudy	Wx	Wx Cloudy, Thunder
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 17 mi.	Vis. mi.	Vis. 17 mi.

$\bar{T} = 78$
$HDD = 0$
$CDD = 13$
$\Sigma HDD = 0$
$\Sigma CDD = 251$
$\Sigma PCN_L = 2.31$

$T_{Davis} = 72/69$
$T_{UNV} = 73/64$

$T_w = 68$
$T_d = 67$

Gauge 2 = 0.00
Σ Gauge 2 = 2.33

Friday, July 28, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 87 °F	Dir. SW	Temp 72 °F	-RA 1224 - 1328 -RA 1522 - 1607 -RA OCCL +RA 1839 - 1942 RA OCCL +RA 2339 - 0001
Min. 71 °F	Vel. 4 m.p.h.	Read. 28.92 in.	
Set 74 °F	Char. Breezy	Corr. 28.80 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	
Ppn. Liq. 0.44 in.	Prev. Dir. —	3 hr. Tend. — ±0.0mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

	0700	1300	1900
Clds.	Clds. Ac / Sc 10 / 10	Clds. Ac 10 / 10	Clds.
Wx	Wx Cloudy, Light Drizzle	Wx Light Rain	Wx
Vis.	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T}$=79
HDD=0
CDD=14
ΣHDD=0
ΣCDD=265
ΣPCN$_L$=2.75

T_{DAVIS}=75/71
T_{UNV}=72/66

T_w= 69
T_b= 68

G_{UNYE2}= 0.45
ΣG_{UNYE2}= 2.78

Saturday July 29, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. W	Temp 72 °F	-SHRA 0920 – 1020 LT SHRA 1040 – 1100 LT -SHRA 1100 – 1120 LT -TS SHRA 1200 – 1300 LT (occl)		
Min. 70 °F	Vel. 4 m.p.h.	Read. 28.93 in.			
Set 72 °F	Char. Steady	Corr. 29.90 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 10/10 SC	Clds.	Clds. 7/10 Cu Ac
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. ~+0.2mb	Wx BR Showers FG	Wx	Wx M. Cloudy FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer GP	Vis. ~1/4 mi.	Vis. mi.	Vis. ~1/4 mi.

$\bar{T} = 76$

$HDD = 0$

$CDD = 11$

$\Sigma HDD = 0$

$\Sigma CDD = 276$

$\Sigma PCN_L = 2.90"$

$T_{DMIS} = 72/71$

$T_{UNV} = 72/68$

$T_W = 70$

$T_D = 69$

$G2: 0.15"$

$\Sigma G2: 2.93"$

Sunday July 30, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. W	Temp 71 °F	-SHRA 0340-0440 LT -TSSHRA 0440-0540 LT SHRA 0540-0600 LT
Min. 68 °F	Vel. 3 m.p.h.	Read. 28.66 in.	
Set 68 °F	Char. Light + Variable	Corr. 28.74 in.	

	0700	1300	1900
R.H. 97 %	Clds. 4/10 Ci Cs	Clds.	Clds. 7/10 Ac As Cu
Ppn. Liq. 0.13 in.	Wx BR, Clear FG	Wx	Wx Mostly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.
24 hr. Mov. — mi.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	Vis. mi.
Sea L. 30.04 in.			Vis. 25 mi.

$\overline{T} = 77$

$T_{DAILY} = 69/68$

$T_W = 67$

$HDD = 0$

$T_{UNV} = 60/64$

$\overline{T}_D = 67$

$CDD = 12$

$\Sigma HDD = 0$

$\Sigma CDD = 286$

$\Sigma PCN_2 = 3.03''$

$G2: 0.13''$

$\Sigma G2: 3.06''$

Monday, July 31, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SSW	Temp 72 °F	-TSVC 1815 - 1930 -RA/RA 1930 - 2000		
Min. 68 °F	Vel. 2 m.p.h.	Read. 28.79 in.			
Set 71 °F	Char. Light + Variable	Corr. 28.67 in.	0700	1300	1900
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Clds. Ac As Cu 9/10	Clds. Cu Ac As 8/10	Clds. Sc Cr 8/10
Ppn. Liq. 0.23 in.	Prev. Dir. —	3 hr. Tend. F +0.8 mb	Wx Mostly Cloudy	Wx Mostly Cloudy w/ haze	Wx Cloudy/ Haze
Ppn. Sol. 0 0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~6 mi.	Vis. ~10 mi.	Vis. 3,5 mi.

$\bar{T} = 77$
HDD = 0
CDD = 12
ΣHDD = 0
ΣCDD = 300
$\Sigma P_{CN_L} = 3.26"$

$T_{DAYS} = 72/71$
$T_{ONV} = 72/68$

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

JULY TEMP'S.

$\bar{T}_{MAX} = 82.9°F$
$\bar{T}_{MIN} = 65.8$
$\bar{T}_{JULY} = 74.35$

$Gauge_2 = 0.25"$
$\Sigma Gauge_2 = 3.29"$