Thursday June 1, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 88 °F	Dir. SW	Temp 80 °F	-RA 2210-2220 TS 0002-0302 VCTS 1921-2223
Min. 66 °F	Vel. 1 m.p.h.	Read. 29.42 in.	
Set 67 °F	Char. Light	Corr. 29.30 in.	
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.76 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. Steady mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

0700	1300	1900
Clds. Ci 4/10 As Ac	Clds.	Clds. Ac 10/10 Sc
Wx Partly Cloudy Hz	Wx	Wx Cloudy VCRA
Vis. 3.5 mi.	Vis. mi.	Vis. ~17 mi.

$\bar{T} = 77$

$HDD = 0$

$CDD = 12$

$\Sigma HDD = 0$

$\Sigma CDD = 12$

$\Sigma PCN_L = T$

$T_{Davis} = 69/66$

$T_{Ouvv} = 68/63$

$T_W = W$

$T_S = W$

Friday, June 2, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. W	Temp 72 °F	-RA 1734-1753 -RA 0524-0618, ~0535 VCTS 1824-2022
Min. 66 °F	Vel. 1 m.p.h.	Read. 29.82 in.	
Set 67 °F	Char. Light	Corr. 29.72 in.	

	0700	1300	1900
R.H. 96 %	Clds. Sc 10/10	Clds. Sc 10/10 As	Clds. 10/10 NS
Ppn. Liq. 0.17 in.	Wx Light Rain	Wx Cloudy Fog	Wx +FG OVC -SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MK	Vis. ~1/7 mi.
	Vis. 3.5 mi.	Vis. ~1/7 mi.	

$\bar{T} = 79$

$HDD = 0$

$CDD = 9$

$\Sigma HDD = 0$

$\Sigma CDD = 21$

$\Sigma PCN_L = 0.17''$

$T_{Davis} = 66/65$

$T_{UNV} = 66/66$

$T_w = 66$

$T_d = 66$

Saturday June 3, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. N	Temp 70 °F	OCCL -SHRA 0800 - 1100 LT -SHDZ 1540 - 1600 LT -SHRA 1820 - 2100 LT OCCL -SHRA 2140 - 0000 LT SHRA 0040 - 0700 LT
Min. 55 °F	Vel. 2 m.p.h.	Read. 29.66 in.	
Set 57 °F	Char. Breezy	Corr. 28.54 in.	

	0700	1300	1900
R.H. 95 %	Clds. 10/10 SC	Clds. ~~10/10~~ SC	Clds. 4/10 SC
Ppn. Liq. 0.96 in.	Wx OVCST +FG	Wx Precipitating	Wx Pcldy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.
			Vis. ~~25~~ mi.
			Vis. 25 mi.

$\bar{T} = 63$

$HDD = 2$

$CDD = 0$

$\Sigma HDD \geq 2$

$\Sigma CDD = 21$

$\epsilon PCN_L = 1.13''$

$T_{DNFS} = 57.5/57$

$T_{UNV} = 57/57$

$T_W = 56$

$T_D = 55.5$

Sunday June 4, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. WNW	Temp 74 °F	FG/MIST 0800 - 0820 LT		
Min. 51 °F	Vel. 4 m.p.h.	Read. 28.75 in.			
Set 56 °F	Char. Breezy	Corr. 29.62 in.			
			0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 10/10 SC	Clds.	Clds. Sc 9/10 As
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1+1.7 mb	Wx OVRCAST - FG	Wx	Wx Mostly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 60$

$HDD = 5$

$CDD = 0$

$\Sigma HDD = 7$

$\Sigma CDD = 21$

$\Sigma PCN_L = 1.18"$

$T_{DAILS} = 56/53$

$T_{UNV} = 57/52$

$T_W = 54$

$T_D = 52.5$

Monday, June 5, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SW	Temp 74 °F	-RA 1204 - 1328 LT -RA/RA 1408 - 1510 LT RA/+RA 1510 - 1618 -RA/RA 1618 - 2018 LT *OB taken at 10:30 LT		
Min. 48 °F	Vel. 2 m.p.h.	Read. 28.77 in.			
Set 51 °F	Char. Light	Corr. 28.65 in.			
			0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. Ci 3/10 Cu	Clds.	Clds. Sc Ac Cb Ac
Ppn. Liq. 0.86 in.	Prev. Dir. —	3 hr. Tend. /+1.3 mb	Wx Mostly Sunny	Wx	Wx Partly Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 56$

$HDD = 9$

$CDD = 0$

$\Sigma HDD = 16$

$\Sigma CDD = 21$

$\Sigma PCN_L = 1.99''$

$T_{DAVIS} = N/A$

$T_{DUV} = 52/50$

$T_W = m$

$T_d = m$

$PCN_{LTD} = N/A$

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

Tuesday June 06, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 71 °F	-SHRA TS FOG/MIST	1540 – 1600 LT 2040 – 2100 LT 0440 – 0640 LT	
Min. 54* °F	Vel. 0 m.p.h.	Read. 28.88 in.			
Set 56 °F	Char. Calm	Corr. 28.75 in.	* overnight low = 54		
			0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 9/10	Clds. Cu 5/10	Clds. 5/10 Ac
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Ftg. clear skies	Wx Mostly cloudy	Wx P.Clouds
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CDP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 63$

HDD = 2

CDD = 0

ΣHDD = 10

ΣCDD = 21

ΣPCP = 1.99"

$T_{DAILY} = 56/55$

$T_{UNV} = 55/55$

$T_N = 54$

$T_D = 52.5$

Wednesday June 07, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. ENE	Temp 72 °F			
Min. 56* °F	Vel. 2 m.p.h.	Read. 20.03 in.	overnight low = 59		
Set 59 °F	Char. light + variable	Corr. 28.70 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 0/10	Clds. 7/10 Cu Ac	Clds. Cu As 10 (unsure!)
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~±0.0mb	Wx Clear FG	Wx Partly Sunny	Wx Partly sunny windy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 67$

$T_{DNIS} = 60/57$

$T_W = 56$

$HDD = 0$

$T_{DNV} = 63/59$

$T_D = 54$

$CDD = 2$

$\Sigma HDD = 18$

$\Sigma CDD = 23$

$\Sigma PCN_L = 1.99''$

Thursday June 8, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. NE	Temp 70 °F			
Min. 58 °F	Vel. 3 m.p.h.	Read. 28.82 in.			
Set 61 °F	Char. Light	Corr. 28.70 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. Cumulus & Cs 8/10 As	Clds.	Clds. Sc 3/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx Partly Cloudy	Wx	Wx Mostly Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 70$
HDD = 0
CDD = 5
Σ HDD = 18
Σ CDD = 28
Σ PCN$_L$ = 1.99[4]

$T_{Bars} = 61/58$
$T_{UNV} = 66/59$

$T_W = 57$
$T_L = 52$

Friday June 9, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. WSW	Temp 70 °F			
Min. 56 °F	Vel. 8 m.p.h.	Read. 28.82 in.			
Set 59 °F	Char. Breezy	Corr. 28.70 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. Cs Ci 3/10	Clds.	Clds. Cu 9/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0.0 mb	Wx Mostly Sunny	Wx	Wx M.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 66$
$HOD = 0$
$COD = 1$
$\Sigma HOD = 18$
$\Sigma COD = 27$
$\Sigma PCN_L = 1.991$

$T_{Davis} = 60/56$
$T_{UNV} = 61/54$

$T_W = 58$
$T_J = 53$

Saturday June 10, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. NW	Temp 68 °F	TS 1100 – 1120 LT TS 1200 – 1220 LT -TSRA 1220 – 1300 LT TS 1320 – 1340 LT -TSRA 1420 – 1500 LT -SHRA 1620 – 1700 LT -SHRA 1700 – 1900 LT TS 1900 – 1920 LT
Min. 52 °F	Vel. 8 m.p.h.	Read. 28.68 in.	
Set 53 °F	Char. Gusty	Corr. 28.56 in.	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. -+0.1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	

0700	1300	1900
Clds. 8/10 SC	Clds.	Clds. 0/10
Wx M. Cloudy -FG	Wx	Wx Clear
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 64$

HDD = 1

CDD = 0

ΣHDD = 19

ΣCDD = 27

$\Sigma PCN_L = 2.04$''

$T_{DAILY} = 54/45$

$T_{UNV} = 55/39$

$T_W = 49$

$T_D = 45.5$

Sunday June 11, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. WSW	Temp 68 °F			
Min. 44 °F	Vel. 2 m.p.h.	Read. 28.78 in.			
Set 48 °F	Char. Light & Variable	Corr. 28.66 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 4/10 Ci Ac	Clds.	Clds. Ac 5/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↑ +0.5 mb	Wx M. Sunny -FG	Wx	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DSP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T = 56

HDD = 9

CDD = 0

ΣHDD = 28

ΣCDD = 27

ΣPCN$_L$ = 2.04"

T_{DAVES} = 49/40

T_{UNV} = 50/37

T_W = 44

T_D = 40

Monday, June 12, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. WSW	Temp 72 °F			
Min. 47 °F	Vel. 0 m.p.h.	Read. 28.89 in.			
Set 53 °F	Char. Calm	Corr. 28.77 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 5/10 Ac Ci Cu As	Clds. 10/10 Sc	Clds. 8/10 Sc Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.3mb	Wx Partly Cloudy	Wx	Wx M.Cloudy
Ppn. Sol. 0-0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 59$
$HDD = 6$
$CDD = 0$
$\Sigma HDD = 34$
$\Sigma CDD = 27$
$\Sigma PCN_L = 2.04''$

$T_{DAVIS} = 54/48$
$T_{UNIV} = 55/45$

$T_d = m$
$T_w = m$

$PCN_{CDD} = N/A$
$\Sigma PCN_{LCD} = N/A$

Tuesday June 13, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. N	Temp 68 °F			
Min. 53* °F	Vel. 3 m.p.h.	Read. 29.02 in.			
Set 59 °F	Char. Light	Corr. 28.90 in.	* OVNGT LOW = 58°		
			0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. Sc 1/10	Clds.	Clds. 5/10 Ci,a
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —±0.0 mb	Wx Mostly Sunny	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NA	Vis. ~17 mi.	Vis. mi.	Vis. 25 mi.

T = 61
HDD = 4
CDD = 0
ΣHDD = 38
ΣCDD = 27
ΣRAIN = 2.04"

T OUTS = 60/54
T UNV = 65/45

Ta = ^
Tw = ^

Wednesday June 14, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NNE	Temp 70 °F			
Min. 59* °F	Vel. 2 m.p.h.	Read. 26.92 in.	* overnight Low = 62		
Set 62 °F	Char. light + variable	Corr. 28.80 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 10/10 Ac	Clds.	Clds. Ac 9/10
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. — +0.1 mb	Wx BKN overcast FG	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer GP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 68$

$HDD = 0$

$CDD = 3$

$\Sigma HDD = 38$

$\Sigma CDD = 30$

$\Sigma PCNL = 2.04"$

$T_{DAYTS} = 62 | 58$

$T_{UNV} = 55 | 48$

$T_W = 59$

$T_D = 57$

Thursday June 15, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. —	Temp 70 °F			
Min. 53 °F	Vel. 0 m.p.h.	Read. 29.02 in.			
Set 59 °F	Char. Calm	Corr. 28.90 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. Sc 3/10	Clds.	Clds. Ac to
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx Mostly Sunny	Wx	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 63$

HDD = 2

CDD = 0

ΣHDD = 40

ΣCDD = 30

$\Sigma PCN_L = 2.04''$

$\bar{T}_{OATS} = 60/53$

$\bar{T}_{UNV} = 59/48$

$T_w = 55$

$T_s = 50$

Friday June 16, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. SW	Temp 72 °F			
Min. 52 °F	Vel. 1 m.p.h.	Read. 29.12 in.			
Set 58 °F	Char. Light	Corr. 29.00 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. Ci 2/10 Contrails	Clds. Ci 5/10 Ac	Clds. 4/10 Ci Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. mb	Wx Clear, Sunny	Wx Mostly Sunny	Wx M.Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 65$
HDD = 0
CDD = 0
ΣHDD = 40
ΣCDD = 30
$\Sigma R(N_L) = 2.04"$

$T_{DAVIS} = 60/50$
$T_{UNV} = 59/43$

$T_W = 50$
$T_d = 50$

Saturday June 17, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. SE	Temp 73 °F			
Min. * 58 °F	Vel. 1 m.p.h.	Read. 29.10 in.			
Set 63 °F	Char. Light	Corr. 29.97 in.	*overnight low = 61°		
			0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 6/10 Ac	Clds.	Clds. 2/10 ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx FG P. Cloudy	Wx	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 71$

$T_{DAILY} = 63.5/54$

$T_W = 58$

$HDD = 0$

$CDD = 0$

$T_{UNV} = 101/48$

$T_D = 55$

$\Sigma HDD = 40$

$\Sigma CDD = 36$

$\Sigma PCNL = 2.01"$

$q_2 = 0.00$

Sunday June 19 2016 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. —	Temp 72 °F			
Min. 63* °F	Vel. 0 m.p.h.	Read. 29.06 in.			
Set 67 °F	Char. Calm	Corr. 29.93 in.	*overnight low = 66		
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend. — + 0.2 mb	Clds. 4/10 Ci Cs	Clds.	Clds. As 6/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CAP	Wx M. sunny FG	Wx	Wx Partly Cloudy
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 75$

HDD = 0

CDD = 10

ΣHDD = 40

ΣCDD = 46

ΣPCPL = 2.04"

$T_{DAILY} = 68/62$

$T_{UNIV} = 66/55$

$T_W = 63$

$T_D = 61$

$G_2 = 0.00$

$\Sigma G_2 = 0.00$

Monday, June 19, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 90 °F	Dir. SW	Temp 73 °F			
Min. 67* °F	Vel. 3 m.p.h.	Read. 28.80 in.			
Set 73 °F	Char. Light *Variable	Corr. 28.68 in.	*Ovngt Low = 70°F		
			0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. Ac As Ci 7/10	Clds.	Clds. Cc 3/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \ -1.5 mb	Wx Mostly Cloudy w/ haze	Wx	Wx mostly sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 79$
$HDD = 0$
$CDD = 14$
$\Sigma HDD = 40$
$\Sigma CDD = 60$
$\Sigma PCN_L = 2.04"$

$T_{DAVIS} = 73/67$
$T_{UNIV} =$

$T_W = M$
$T_d = m$

Tuesday June 20, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. SW	Temp 73 °F	RA 1109-1133 -RA 1149-1209 -RA HZ 1315-1428 TSRA 2103-0321
Min. 62 °F	Vel. 3 m.p.h.	Read. 29.26 in.	
Set 64 °F	Char. Light	Corr. 29.14 in.	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.60 in.	
Ppn. Liq. 0.23 in.	Prev. Dir. —	3 hr. Tend. /+0.1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

	0700	1300	1900
Clds.	Clds. 9/10 Ac Sc Ci	Clds. Cu 7/10	Clds. 2/10 Cu Ci
Wx	Wx mostly Cloudy	Wx Mostly Cloudy	Wx M. Clear
Vis.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 72$
HDD = 0
CDD = 7
ΣHDD = 40
ΣCDD = 67
$\Sigma P(N)_L = 2.27''$

$T_{DAILY} = 63/62$
$T_{UNV} = 63/59$

$T_w = \sim$
$T_e = \sim$

Gauge #3:
0.23"

Wednesday June 21, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SW	Temp 72 °F			
Min. 55 °F	Vel. 2 m.p.h.	Read. 29.04 in.			
Set 59 °F	Char. high? Variable	Corr. 28.91 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 3/10 Ci	Clds. Ci 8/10 As	Clds. Ci Sc 5/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. F+0.8 mb	Wx -Fu M. Sunny	Wx Mostly Cloudy	Wx Mostly Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 67$

HDD = 0

CDD = 2

ΣHDD = 40

ΣCDD = 69

$\Sigma PCN_2 = 2.27''$

$T_{DAILY} = 61/56$

$T_{UNIV} = 57/52$

$T_W = 55$

$T_D = 52$

$G2: 0.00$

$G2_T: 0.23''$

Thursday June 22, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. SW	Temp 73 °F	-RA 0222-0245 RA 0319-0614 -RA TSRA 0621-0703
Min. 59 °F	Vel. 2 m.p.h.	Read. 29.26 in.	
Set 68 °F	Char. Light	Corr. 29.14 in.	@=OVNGT Low 67

0700	1300	1900
Clds. Sc 10/10	Clds.	Clds. Cn 10/10
Wx mostly Cloudy Fog	Wx	Wx Heavy Thunderstorm/ Heavy
Vis. ~17 mi.	Vis. mi.	Vis. 3.5 mi.

R.H.	24 hr. Mov.	Sea L.
96 %	← mi.	30.59 in.

Ppn. Liq.	Prev. Dir.	3 hr. Tend.
0.21 in.	—	+0.2 mb

Ppn. Sol.	Snow Depth	Observer
0.0 in.	0 in.	[illegible]

$\bar{T} = 78$
$HDD = 0$
$CDD = .5$
$\Sigma HDD = 40$
$\Sigma CDD = 74$
$\Sigma P_L = 2.48''$

$T_{Davis} = 68/57$
$T_{UNV} = 68/64$

$T_w = 60$
$T_b = 54$

Gauge #2:
0.20"

Friday June 23, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SW	Temp 73 °F	-RA 1859-2111 TSRA 1930-2015		
Min. 64 °F	Vel. 2 m.p.h.	Read. 29.64 in.			
Set 67 °F	Char. Light	Corr. 29.82 in.			
			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.99 in.	Clds. Ac/Sc 10/10	Clds. Sc 10/10	Clds. 10/10 NS
Ppn. Liq. 0.42 in.	Prev. Dir. —	3 hr. Tend. -.02 mb	Wx Cloudy	Wx Light Rain	Wx -RA +PL
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. ~17 mi.	Vis. ~17 mi.	Vis. 0.25 mi.

F = 7.5
1HDD = 0
CDD = 10
ΣHDD = 40
ΣCDD = 84
ΣPCV_L = 2.90"

T_Davis = 67/67
T_UNV = 64/63

T_w = 62
T_s = 55

Gauge #7:
0.42

Saturday June 24, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. N	Temp 72 °F	-SHRA OCCL 1020 - 1500 LT OCCL - SHRA 1720 - 2010 LT -SHRA 2140 - 2200 LT OCCL - SHRA 0100 - 0420 LT
Min. 64 °F	Vel. 3 m.p.h.	Read. 29.02 in.	
Set 65 °F	Char. Light & Variable	Corr. 29.90 in.	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	
Ppn. Liq. 0.54 in.	Prev. Dir. —	3 hr. Tend. F +0.1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CAP	

0700	1300	1900
Clds. 10/10 NS	Clds.	Clds. 4/10 AC Cu
Wx OVRCAST FOG	Wx	Wx P.Cldy
Vis. 0.25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$

HDD = 0

CDD = 3

ΣHDD = 40

ΣCDD = 89

ΣPCN = 3.44"

$T_{DAILY} = 65/65$

$T_{UNV} = 64/61$

$T_W = 64$

$T_D = 63.5$

$G_2 = 0.54"$

Sunday June 25, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp 72 °F			
Min. 65* °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 69 °F	Char. Calm	Corr. 28.93 in.	*overnight low = 66°		
			0700	1300	1900
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~±0.0 mb	Wx ~~HFG~~ OVCST	Wx	Wx FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	Vis. 0.25 mi.	Vis. mi.	Vis. 7 mi.

$\bar{T} = 72$

$HDD = 0$

$CDD = 7$

$\Sigma HDD = 40$

$\Sigma CDD = 94$

$\Sigma PCN_L = 3.44"$

$T_{PMIS} = 64/66$

$TUNY = 66/64$

$T_W = 66$

$T_D = 65.5$

$G_2 = 0.00'$

Monday, June 26, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. ENE	Temp 72 °F	-RA 0854-1120LT -RA/RA 1120-1633LT -RA 1723-1734 -RA 2011-2028 -RA 2354-2358 -RA/RA 2358-OBS
Min. 67 °F	Vel. 1 m.p.h.	Read. 28 81 in.	
Set 68 °F	Char. Light	Corr. 28.69 in.	

	0700	1300	1900
R.H. 100 %	Clds. Ns St 10/10	Clds. Cu Sc As 4/10	Clds. Ac La As 10
24 hr. Mov. — mi.			
Sea L. 29.99 in.			
Ppn. Liq. 0.51 in.	Wx Cloudy w/ Drizzle	Wx Mostly Cloudy	Wx Light Rain, wind
Prev. Dir. —			
3 hr. Tend. \ -0.2 mb			
Ppn. Sol. 0.0 in.	Vis. 8 mi.	Vis. 25 mi.	Vis. ~25 mi.
Snow Depth 0 in.			
Observer MLS			

$\bar{T} = 69$

HDD = 0

CDD = 6

$\Sigma HDD = 40$

$\Sigma CDD = 100$

$\Sigma PCN_L = 3.95$

$T_{DANUS} = 68/68$

$T_{UAV} = 68/66$

$T_d = M$

$T_w = M$

$G_2 = 0.50''$

67

71

2138

$PCN_{LTD} = N/A$

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

Tuesday June 27, 2006 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. S	Temp 74 °F	RA 0800 – 0948 –RA 1034 – 1118 RA 1553 – 1752 RA 1840 – 2348 TS/RA –RA 0520 – 0543
Min. 68 °F	Vel. 5 m.p.h.	Read. 29.08 in.	
Set 72 °F	Char. Light	Corr. 28.99 in.	
R.H 88 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend. — ±0.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	

0700	1300	1900
Clds. Ac, As, Cs 9/10	Clds. Cb 10/10	Clds. 10/10 NS
Wx mostly cloudy, breezey	Wx - TSRA	Wx - SHRA fog OVERCAST
Vis. ~17 mi.	Vis. 1 mi.	Vis. 0.25 mi.

$\bar{T} = 74$
$HDD = 0$
$CDD = 9$
$\Sigma HDD = 40$
$\Sigma CDD = 107$
$\Sigma PCN_2 = 4.30"$

$T_{Davis} = 73/70$
$T_{UNV} = 73/66$

$T_w = \sim$
$T_2 = \sim$

Gauge 02:
0.31

Wednesday June 30, 2010

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. E	Temp 72 °F	SHRA 1300-2140		
Min. 65 °F	Vel. 2 m.p.h.	Read. 28.96 in.			
Set 65 °F	Char. Light & Variable	Corr. 28.03 in.	0700	1300	1900
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 3/10 ST AS	Clds.	Clds. Ac Sc 8/10
Ppn. Liq. 1.44 in.	Prev. Dir. —	3 hr. Tend. ~+0.5 mb	Wx Mclear FG	Wx	Wx Partly Sunny, Haze, VCTS
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CSP	Vis. W 25 E ~17 mi.	Vis. mi.	Vis. ~3.5 mi.

$\bar{T} = 73$
HDD = 0
CDD = 8
ΣHDD = 40
ΣCDD = 115
ΣPCN$_L$ = 5.74"

T_{DAYS} = 65/65
T_{NIGHT} = 64/63

T_N = 64
T_D = 63.5

G2: 1.48"

Thursday June 29, 2006 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 72 °F	-RA, RA 1706-1738, OCL T RA 2229-2243 -RA 2319-2325		
Min. 62 °F	Vel. 7 m.p.h.	Read. 29.25 in.			
Set 64 °F	Char. Breezy	Corr. 29.13 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.57 in.	Clds. Ac 3/10	Clds.	Clds. Cu Sc 8/10 Ci
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx mostly sunny	Wx	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MK	Vis. ~17 mi.	Vis. mi.	Vis. ~25 mi.

$\bar{T} = 72$
HDD = 0
CDD = 7
ΣHDD = 40
ΣCDD = 122
ΣPCN$_L$ = 5.80"

$T_{Davis} = 65/62$
$T_{UNV} = 66/59$

$T_w = \sim$
$T_d = \sim$

Gauge Rd:
0.06

Friday June 30, 2006

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. WSW	Temp 71 °F	-RA OCCL +RA 1532 - 1552 TSRA 1625 - 1650		
Min. 60 °F	Vel. 8 m.p.h.	Read. 29.32 in.			
Set 62 °F	Char. Light	Corr. 29.20 in.			
			0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.65 in.	Clds. Ci Ac 4/10 cumulus	Clds. Ac Sc 5/10	Clds. 8/10 Cu Sc
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx mostly Sunny	Wx mostly sunny & windy	Wx M. Cloudy FU
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 = 40
ΣCDD = 127
ΣPCN$_L$ = 5.85"

T_{DAVIS} = 63/57
T_{UNV} = 63/52

T_w = ~
T_d = ~

JUNE TEMP'S.

$\bar{T}_{MAX}$ = 77.0°F
$\bar{T}_{MIN}$ = 58.2
$\bar{T}_{JUN}$ = 67.62

Gauge ~~FD~~!
0.05