Tuesday June 1, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. WSW	Temp 77 °F	0900 - 1340 LT RA OCCL +RA 1820 - 1840 LT +RA
Min. 54 °F	Vel. Gll 8 m.p.h.	Read. 28.55 in.	
Set 59 °F	Char. Varying	Corr. 28.42 in.	
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	
Ppn. Liq. .67 in.	Prev. Dir. —	3 hr. Tend. .5 — mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

0700	1300	1900
Clds. Ci 1/10	Clds. Cu 1/10 Cb	Clds. Cu 7/10 Cs
Wx Drizzle	Wx —	Wx —
Vis. 25 mi.	Vis. 20 mi.	Vis. 25 mi.

T = 59
HOD = 6
COD = 0
ΣHOD = 6
ΣCOD = 0
ΣPCNL: .67

T_{davis} = 60/57
T_{uno} = 61/55

T_w = 57
T_d = 56

$PCNL_{TB}$ = N/A
$\Sigma PCNL_{TB}$ = N/A

Wednesday June 2, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. W	Temp 73 °F	1420-1440 LT -TSRA 1600-1630 LT TSRA 2345-0030 LT -TSRA
Min. 55 °F	Vel. 5.8 5 m.p.h.	Read. 28.67 in.	
Set 60 °F	Char. Varying	Corr. 28.55 in.	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.87 in.	
Ppn. Liq. .17 in.	Prev. Dir. —	3 hr. Tend. .9 / mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLH	

0700	1300	1900
Clds. Ci 3/10 Cu	Clds. Cu 5/10 Ci	Clds. Cb 5/10 Ac Ci
Wx Fair	Wx Fair	Wx —
Vis. 25 mi.	Vis. 20 mi.	Vis. 20 mi.

T = 103

HDD = 2

CDD = 0

Σ HDD = 8

Σ CDD = 0

Σ PCPL = .84

T_{max} = 61/55

T_{min} = 61/54

T_N = 56

T_{C1} = 53

PCPL$_{TB}$ = N/A

Σ PCPL$_{TB}$ = N/A

Thursday June 3, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. WSW	Temp 72 °F	1330 - 1345 LT -SHRA 1700 - 1740 LT -SHRA
Min. 57 °F	Vel. 4 m.p.h.	Read. 28.88 in.	
Set 59 °F	Char. Steady	Corr. 28.76 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	
Ppn. Liq. .06 in.	Prev. Dir. —	3 hr. Tend. 2 / mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	8/10 Cb	5/10 Cu	4/10 Cu Ci
Wx	Cloudy	Nice	Fair
Vis.	25 mi.	25 mi.	25 mi.

$\bar{T} = 66$

HDD = 0

CDD = 1

ΣHDD = 8

ΣCDD = 1

$\Sigma PCNL = .90$

$T_{davis} = 58/56$

$T_{unv} = 61/55$

$T_w = 57$

$T_{cl} = 56$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Friday, June 4, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. S	Temp 71 °F			
Min. 51 °F	Vel. 2 m.p.h.	Read. 29.01 in.			
Set 55 °F	Char. Calm	Corr. 28.89 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. Ci 4/10 Ac	Clds. Cu Sc Ci 8/10	Clds. Sc 10/10 St
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1/ mb	Wx Fair	Wx Nice	Wx Cloudy
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 62$

HDD = 3

CDD = 0

$\Sigma HDD = 11$

$\Sigma CDD = 1$

$\Sigma PCN_L = .90$

$\bar{T}_{davis} = 56/51$

$\bar{T}_{UNV} = 55/50$

$\bar{T}_w = 53$

$\bar{T}_d = 48$

$PCN_{LTB} = N/A$

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

Sat. June 5, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp 72 °F	[redacted]2330 - Obs. SHRA		
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set 55 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. 10|10 Ns	Clds.	Clds. 9/10 Cu
Ppn. Liq. .22 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx SHRA	Wx	Wx haze
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 63$
HDD = 2
CDD = 0
$\Sigma HDD = 13$
$\Sigma CDD = 1$
$\Sigma PCN_L = 1.12$

$\overline{T}_{davis} - 55155$
$\overline{T}_{UNV} - 55155$

$\overline{T}_w = 55$
$T_d = 55$

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

Sunday June 6th, 2021 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. —	Temp 70 °F	-RA OBS - 15:00 LT		
Min. 53 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set 54 °F	Char. Calm	Corr. 28.84 in.	0700	1300	1900
R.H. 90 %	24hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10 Cu	Clds.	Clds. 7/10 Cu Ci
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. /+05 mb	Wx Haze	Wx	Wx Haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 23 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 56$
HDD = 9
CDD = 0
ΣHDD = 22
ΣCDD = 1
$\Sigma PCN_L = 1.15$

$T_{DAVIS} =$
$T_{UNV} = 54/52$

$T_W = 53$
$T_d = 52$

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

Monday June 7th, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. —	Temp 70 °F	Mist 00:00 - 08:00 LT		
Min. 53 °F	Vel. 0 m.p.h.	Read. 29.01 in.			
Set 55 °F	Char. Calm	Corr. 28.90 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 10/10 Cu	Clds. 8/10 Cu	Clds. 10/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Fog dense	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 0.25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 60
HDD = 5
CDD = 0
ΣHDD = 27
ΣCDD = 1
ΣPCNL = 1.15

T_{UNV} = 55/55
T_{DAVIS} = N/A

T_W = 57
T_d = 56

PCN_{CTB} = M
ΣPCN_{CTB} = M

Tuesday June 8, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SW	Temp 71 °F	* overnight low 59		
Min. * 55 °F	Vel. 1 m.p.h.	Read. 29.05 in.			
Set 63 °F	Char. light	Corr. 28.94 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 0/10	Clds. Cu 5/10	Clds. Cu 4/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. 1 — mb	Wx Fog/Mist	Wx HZ	Wx HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 5 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 67$

HDD = 0

CDD = 2

Σ HDD = 27

Σ CDD = 3

Σ PCNL = 1.15

$T_{design} = 63/61$

$T_{annu} = 63/59$

$T_{wb} = 61$

$T_d = 60$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Wednesday June 9, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. SW	Temp 72 °F	* overnight low 67		
Min. * 63 °F	Vel. 4 m.p.h.	Read. 28.99 in.			
Set 71 °F	Char. Steady	Corr. 28.87 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. – mi.	Sea L. 30.17 in.	Clds. 1/10 Cu Ci	Clds. 6/10 Cu Ci	Clds. 1/10 Ac
Ppn. Liq. in.	Prev. Dir. –	3 hr. Tend. .9 / mb	Wx Haze	Wx HZ	Wx HZ
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	Vis. 5 mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T} = 74$

HUD = 0

CDD = 9

ΣHUD = 27

ΣCDD = 12

$\Sigma PCNL = 1.15$

$T_{daily} = 71/68$

$T_{avg} = 72/66$

$T_w = 68$

$T_{cl} = 67$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Thursday June 10, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. WSW	Temp 72 °F			
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.82 in.			
Set 71 °F	Char. Steady	Corr. 28.70 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 10/10 Cb	Clds. 10/10 Sc St	Clds. 10/10 Sc St
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. .1 — mb	Wx valley fog	Wx Cloudy	Wx Cloudy
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	Vis. 10 mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T} = 79$
$CDD = 14$
$\Sigma CDD = 26$
$\Sigma HDD = 27$
$\Sigma PCNL = 1.15$

$\bar{T}_{davis} = 70/67$
$T_{MAF} = 70/64$

$T_w = 67$
$T_d = 66$

$PCNL_{TB} = N/A$
$\Sigma PCNL_{TB} = N/A$

Friday June 11, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 70 °F	0900 - 0930 SHRA 1200 - 1320 SHRA 1620 - 1900 SHRA w/ OCCLT 0040 - 0100 SHRA 0340 - 0540 - SHRA 0700 - 06 - SHRA		
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.83 in.			
Set 54 °F	Char. Calm	Corr. 28.71 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. Sc St Ns 10/10	Clds. Sc St Ns 10/10	Clds. Sc St 10/10
Ppn. Liq. .39 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx SHRA Cloudy Valley fog	Wx SHRA	Wx Cloudy
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 7 mi.	Vis. 7 mi.	Vis. 7 mi.

$\bar{T} = 65$
CDD = 0
HDD = 0
$\Sigma CDD = 26$
$\Sigma HDD = 27$
$\Sigma PCN_L = 1.54$

$T_{davis} = 55/54$
$T_{UNV} = 53/51$

$T_w = 54$
$T_d = 54$

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

Sat June 12, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. NNE	Temp 70 °F	Ob Yesterday – 1800 SHRA		
Min. 49 °F	Vel. 2 m.p.h.	Read. 28.95 in.			
Set 49 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900
R.H. %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. St Sc 9/10	Clds.	Clds. Ci 7/10 Ac
Ppn. Liq. .38 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Cloudy Fog	Wx	Wx Nice
Ppn. Sol. in.	Snow Depth — in.	Observer TPH	Vis. 5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 53$
$CDD = 0$
$HDD = 12$
$\Sigma CDD = 26$
$\Sigma HDD = 39$
$\Sigma PCN_L = 1.92$

$T_{davis} = 49149$
$T_{UNV} = 46146$

$T_w = 48$
$T_d = 45$

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

Sunday June 13 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. SW	Temp 78 °F	*overnight low 60 LT RAIN 1020 - 1120
Min. * 49 °F	Vel. 3 m.p.h.	Read. 28,97 in.	
Set 62 °F	Char. calm	Corr. 28.84 in.	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. 1 / mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	Clds. 10/10 Cb	Clds.	Clds. 10/10 Cu Cs
Wx	Wx cloudy	Wx	Wx —
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 1.01$

$HDD = 4$

$CDD = 0$

$\Sigma HDD = 43$

$\Sigma CDD = 26$

$\Sigma PCWL = 1,92$

$T_{design} = 62/54$

$T_{UNV} = 63/50$

$T_w = 58$

$T_d = 56$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Monday June 14th, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 69 °F	Dir. SW	Temp 72 °F	LT RA 05:40 - 7:20 LT		
Min. 62 °F	Vel. 3 m.p.h.	Read. 28.84 in.			
Set 66 °F	Char. light	Corr. 28.72 in.			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	0700	1300	1900
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Clds. Ci Cu 8/10 Cu Wx valley fog	Clds. Cu 6/10 Ci Wx —	Clds. Cu Ci 6/10 Cb Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T} = 66$

$HDD = 0$

$CDD = 1$

$\Sigma HDD = 43$

$\Sigma CDD = 27$

$PCN_L = 0.03$

$\Sigma PCN_L = 1.95$

$T_{DAVIS} = 65/65$

$T_{UNIV} =$

$T_w = 64$

$Td = 63$

$PCNL_{TB} = M$

$\Sigma PCNL_{TB} = M$

Tuesday June 15, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 83 °F	Dir. WSW	Temp 72 °F	2230 - 2315 LT +TSRA 2315 - 2345 LT SHRA 0225 - 0600 LT -SHRA
Min. 64 °F	Vel. G7 4 m.p.h.	Read. 28.88 in.	
Set 66 °F	Char. varying	Corr. 28.76 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	
Ppn. Liq. 0.34 in.	Prev. Dir. —	3 hr. Tend. .9 ↗ mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

0700	1300	1900
Clds. Ac 5/10 Cu	Clds. Cu Cb 7/10	Clds. 7/10 Cb
Wx Valley Fog	Wx HZ	Wx HZ
Vis. 20 mi.	Vis. 17 mi.	Vis. 20 mi.

$\bar{T} = 74$

HDD = 0

CDD = 9

ΣHDD = 43

ΣCDD = 36

ΣPCNL = 2.29

$T_{dewis} = 66/66$

$T_{turn} = 66/64$

$T_w = 66$

$T_d = 65$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Wednesday June 16, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. NE	Temp 72 °F	* overnight low = 67		
Min. * 66 °F	Vel. 4 m.p.h.	Read. 28.99 in.			
Set 67 °F	Char. light	Corr. 28.87 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10 Sc	Clds. 10/10 Sc	Clds. 10/10 Cb
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. 1.6 / mb	Wx Fog/Mist	Wx Hz	Wx Hz
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	Vis. 3 mi.	Vis. 15 mi.	Vis. 20 mi.

$\bar{T} = 75$

HDD = 0

CDD = 10

ΣHDD = 43

ΣCDD = 46

ΣPCNL = 2.29

$T_{davis} = 67/66$

$T_{uno} = 66/66$

$T_w = 66$

$T_d = 65$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Thursday June 17, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. SW	Temp 72 °F	* overnight low 71 -IHRA 15:00 - 16:15 LT -RA 17:45 - 18:15 LT -RA 18:45 - 19:00 LT
Min. * 67 °F	Vel. 0 m.p.h.	Read. 28.87 in.	
Set 72 °F	Char. calm	Corr. 28.75 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. -.5 ~ mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	Clds. eb 10/10	Clds. Cu Sc eb 8/10	Clds. Sc Ci 8/10
Wx	Wx Fog	Wx Hz	Wx Hz
Vis.	Vis. 5 mi.	Vis. 12 mi.	Vis. 17 mi.

$\bar{T} = 74$

CDD = 9

Σ HDD = 43

Σ CDD = 55

Σ PCNL = 2.29

$T_{dans} = 70/70$

$T_{unv} = 72/70$

$T_w = 71$

$T_d = 71$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Friday June 18th, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. W	Temp 72 °F	*overnight low = 70 -TSRA 1502-1615 LT -RA 1745-1815, 1845-1900 LT
Min. * 69 °F	Vel. 4 m.p.h.	Read. 28.84 in.	
Set 71 °F	Char. light	Corr. 28.72 in.	
R.H. 90 %	24hr. Mov. — mi.	Sea L. 30.02 in.	
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. /+1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	

0700	1300	1900
Clds. 10/10 Cu	Clds. 7/10 Cu	Clds. 5/10 Cu Ci
Wx Valley Fog	Wx Haze	Wx —
Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 77$
HDD = 0
CDD = 12
ΣHDD = 43
ΣCDD = 67
$\Sigma PCN_L = 2.41$

$T_{DAVIS} = 71/70$
$T_{UNJ} = 72/68$

$T_w = 69$
$T_d = 68$

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

Saturday June 19th, 2021 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. W	Temp 72 °F			
Min. 64 °F	Vel. 1 m.p.h.	Read. 28.81 in.			
Set 66 °F	Char. Calm	Corr. 28.69 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 4/10 Ci Cu Cs	Clds.	Clds. 4/10 Ci Cs
Ppn. Liq. .0 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ~~KAA~~	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$T = 73$

$HDD = 0$

$CDD = 8$

$\Sigma HDD = 43$

$\Sigma CDD = 75$

$\Sigma DNL = 2.41$

$T_{DAYS} = 65/62$

$T_{UNV} = 68/59$

$T_w = 62$

$T_d = 60$

$PCNL_{TB} = M$

$\Sigma PCNL_{TB} = M$

Sunday June 20th, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. NW	Temp 70 °F	-SHRA ~1100 - 1230 LT (OCCL, URY LGT)
Min. 49 °F	Vel. 4 m.p.h.	Read. 28.97 in.	
Set 54 °F	Char. light	Corr. 28.86 in.	
R.H. 61 %	24hr. Mov. — mi.	Sea L. 30.21 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +05 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	

	0700	1300	1900
Clds.	1/10 Cu	Clds.	1/10 Cu
Wx	—	Wx	—
Vis.	25 mi.	Vis. mi.	25 mi.

$\bar{T} = 62$
HDD = 3
CDD = 0
ΣHDD = 46
ΣCDD = 76
$\Sigma PCNL_i = 2.41$

TDAVIS = 52/46
TUNV = 52/43

Tw = 48
Td = 43

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

Monday June 21st 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 70 °F			
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.88 in.			
Set 55 °F	Char. Calm	Corr. 28.77 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 1/10 Ci	Clds. 3/10 Ci	Clds. 3/10 cc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Wx —	Wx —	Wx Dz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 60$
HDD = 5
CDD = 0
ΣHDD = 51
ΣCDD = 75
$\Sigma PCN_V = 2.41$

$T_{DAVIS} = 54/49$
$T_{UNV} = 54/48$

$T_W = 51$
$T_d = 48$

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

Tuesday June 22, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. S	Temp 72 °F	* overnight low late 0530 LT - OBS SHRA 0600 LT - 0700 LT TS
Min. * 55 °F	Vel. 0 m.p.h.	Read. 28.66 in.	
Set 66 °F	Char. calm	Corr. 28.54 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.84 in.	
Ppn. Liq. .55 in.	Prev. Dir. —	3 hr. Tend. .9 / mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	10/10 Cb	9/10 Cu Cb	7/10 Cu
Wx	Rain	—	—
Vis.	.5 mi.	3 mi.	25 mi.

$\bar{T}$ = 66
CDD = 1
HDD = 0
ΣCDD = 76
ΣHDD = 51
$\angle PCNL$ = 2.96

T_{dawn} = 65/65
T_{NN} = 64/64

T_w = 66
T_d = 66

$PCNL_{TB}$ = N/A
$\Sigma PCNL_{TB}$ = N/A

Wednesday June 23, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. NW	Temp 72 °F	0855 - 0930 LT -SHRA 1330 - 1350 LT +SHRA
Min. 63 °F	Vel. 1 m.p.h.	Read. 28.81 in.	
Set 64 °F	Char. light	Corr. 28.69 in.	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	
Ppn. Liq. .30 in.	Prev. Dir. —	3 hr. Tend. 1.1 / mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	Cc 1/10	Cu 4/10 Ci	4/10 Cu
Wx	Nice	Nice	Nice
Vis.	25 mi.	25 mi.	25 mi.

$\bar{T} = 71$

CDD = 6

HDD = 0

ΣCDD = 82

ΣHDD = 51

ΣPCNL = 3.26

$T_{davis} = 65/59$

$T_{univ} = 64/55$

$T_w = 60$

$T_d = 58$

$PCNL_{TB} =$

$\Sigma PCNL_{TB} =$

Thursday June 24, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SW	Temp 71 °F			
Min. 57 °F	Vel. 1 m.p.h. (94)	Read. 28.86 in.			
Set 61 °F	Char. light	Corr. 28.74 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 0/10	Clds. CU 3/10 Ci:	Clds. CU 5/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. .06 / mb	Wx valley fog	Wx Nice	Wx Nice
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	Vis. 20 mi.	Vis. 17 mi.	Vis. 20 mi.

T = 68

CDD = 3

HDD = 0

ΣCDD = 85

ΣHDD = 51

ΣPCNL = 3.26

T_{clouds} = 61/57

T_{unv} = 61/55

T_w = 58

T_{el} = 56

$PCNL_{TB}$ = ~~N/A~~

$\Sigma PCNL_{TB}$ = N/A

Friday, June 25, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. NE	Temp 72 °F	*Overnight Low - 64
Min. * 61 °F	Vel. 2 m.p.h.	Read. 28.92 in.	
Set 64 °F	Char. Calm	Corr. 28.80 [redacted] in.	
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	

	0700	1300	1900
Clds.	Cs Ci 7/10 Cu	Sc 10/10 St	Sc 10/10 St
Wx	Hz	Hz	Cloudy
Vis.	17 mi.	17 mi.	20 mi.

$\overline{T} = 72$
CDD = 7
HDD = 0
$\Sigma CDD = 92$
$\Sigma HDD = 51$
$\Sigma PCN_L = 3.26$

$\overline{T}_{davis} = 65/61$
$\overline{T}_{UNV} = 64/57$

$\overline{T}_w = 61$
$T_d = 58$

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

Saturday June 26, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. WNW	Temp 70 °F	2309 - 2319 LT - SHRA ~1300 - SHRA		
Min. 63 °F	Vel. 4 m.p.h.	Read. 28.89 in.			
Set 63 °F	Char. Steady	Corr. 28.77 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 7/10 Cu SC Ci	Clds.	Clds. 1/10 Cu Ci
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +.5 mb	Wx Valley fog	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T}$ - 67
CDD - 2
HDD - 0
ΣCDD - 94
ΣHDD - 51
ΣPCN_L - 3.26

$\overline{T}_{davis}$ -
$\overline{T}_{UNV}$ - 62159

$\overline{T}_w$ - 61
$\overline{T}_d$ - 57

PCN_{LTB} - N/A
ΣPCN_{LTB} - N/A

Sunday June 27th 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. SW	Temp 70 °F			
Min. 52 °F	Vel. 3 m.p.h.	Read. 28.96 in.			
Set 57 °F	Char. light	Corr. 28.85 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. Ci 1/10	Clds.	Clds. 3/10 Ci Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	Wx	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 63$
$HDD = 2$
$CDD = 0$
$\Sigma HDD = 53$
$\Sigma CDD = 94$
$\Sigma PCN_L = 3.26"$

$T_{DAVIS} = M$
$T_{UNV} = 55/48$

$T_w = 52$
$T_d = 48$

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

Monday June 28, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. W	Temp 70 °F			
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set 59 °F	Char. calm	Corr. 28.84 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 10/10 Cu Sc	Clds. 10/10 Cu Sc	Clds. 10/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx Valley Fog	Wx —	Wx -RA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KHA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 64$

HDD = 1

CDD = 0

$\Sigma HDD = 54$

$\Sigma CDD = 94$

$\Sigma PCN_L = 3.26$ "

$T_{DAVIS} = 58/54$

$T_{UNV} = 55/54$

$T_W = 55$

$T_d = 52$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$

Tuesday June 29, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 66 °F	Dir. W	Temp 70 °F	0910 - 1340 LT -SHRA 2000 - 2120 LT SHRA
Min. 54 °F	Vel. 6 m.p.h.	Read. 28.96 in.	
Set 58 °F	Char. Steady	Corr. 28.85 in.	
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	
Ppn. Liq. .16 in.	Prev. Dir. —	3 hr. Tend. 1.2 / mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SHM	

	0700	1300	1900
Clds.	8/10 Cu Cb	7/10 Cu	2/10
Wx	Valley Fog	Nice	—
Vis.	20 mi.	25 mi.	25 mi.

$\bar{T} = 60$

$CDD = 0$

$HDD = 5$

$\ell_{CDD} = 94$

$\ell_{HDD} = 59$

$\ell\ PCNL = 3.42$

$T_{davis} = 58/55$

$T_{univ} = 55/55$

$T_w = 55$

$T_{dt} = 53$

$PCNL_{TB} = N/A$

$\ell PCNL_{TB} = N/A$

Wednesday June 30, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. WSW	Temp 71 °F	* overnight low 60		
Min. * 58 °F	Vel. 2 m.p.h.	Read. 29.01 in.			
Set 61 °F	Char. Varying	Corr. 28.89 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 0/10	Clds. 8/10 Cu Ci	Clds. 7/10 Ci
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. .9 / mb	Wx Valley Fog	Wx Hz	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLM	Vis. 25 mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{T} = 66$

COD: 1

HDD: 0

$\Sigma COD = 95$

$\Sigma HDD = 59$

$\Sigma DCNL = 3.42$

$T_{UNW} = 63/59$

$T_{davis} = 61/57$

$T_{W} = 58$

$T_{el} = 56$

JUNE TEMP'S.

$\bar{T}_{MAX} = 74.4°$

$\bar{T}_{MIN} = 57.5°$

$\bar{T}_{JUN} = 65.97°$

$PCNL_{TB} = N/A$

$\Sigma PCNL_{TB} = N/A$