Saturday, May 1, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp 72 °F	* Overnight Low = 63°		
Min. 57* °F	Vel. 5 m.p.h.	Read. 28.90 in.			
Set 64 °F	Char. Variable	Corr. 28.77 in.	⊕→ cumulus congestus 12-15 miles to W, 2000LT		
			0700	1300	1900
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 9/10 Ac Cu Sc	Clds.	Clds. 6/10 Cu, Ac, Cc, ⊕→
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. −0.0 mb	Wx Hz	Wx	Wx Fair Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69°$

HDD = 0

CDD = 4

ΣHDD = 0

ΣCDD = 4

$T_{Davis} = 65°/57°$

$T_{UNV} = 64°/57°$

$T_W = 57°$

$T_D = 52°$

PCNLTB = M

ΣPCNLTB = M

ΣPCNL = 0.00"

Sunday, 2 May, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SSW	Temp 72.5 °F	ⓓ overnight low ~ 65°F 2310-0010LT: OCNL - RASH 0230-0255LT: - RASH/RASH 0500-0545LT: OCNL - RASH		
Min. 64 ⓓ °F	Vel. 7 m.p.h.	Read. 28.66 in.			
Set 66 °F	Char. breezy	Corr. 28.54 in.	0800	1300	1900
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.84 in.	Clds. 1/10 Cu	Clds.	Clds. 10/10 Cu, St, Sc
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. \-0.3 mb	Wx Cloudy	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. ⓓ→ 15 mi.

$\bar{T} = 72$

HDD = 0

CDD = 7

ΣHDD = 0

ΣCDD = 11

$T_{DAYS} = 65°/64°$

$T_{UNV} = 66°/64°$

$T_W = 65°$

$T_D = 64°$

$\Sigma PCN_L = 0.01"$

$\Sigma PCN_S = 0.0"$

$PCN_{LTB} = 0$

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

(26) Ridgetop and spotty mountain side fog along nearest portions of Tussey Ridge. Tussey ridge becoming obscured at all heights back towards Round Top Mtn. 1st time in days haze is washed out, clear view of Mount Nittany and homes along Tussey Ridge.

Monday, 3 May, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. NNW	Temp 72.5 °F	1515-1820 LT: Rain shower 1515-1605: +RA 1605-1650: RA, w/T: 1605-1625 1650-1820: -RA 1850-2100 LT: -RA/ocnl RA
Min. 41 °F	Vel. 7G10 m.p.h.	Read. 28.87 in.	
Set 42 °F	Char. steady	Corr. 28.75 in.	

	0700	1300	1900
R.H. 77 %	Clds. 10/10 Cu, Sc, Cs	Clds.	Clds. Sc 9/10 Ci
Ppn. Liq. 0.97 in.	Wx Cloudy	Wx	Wx —
Ppn. Sol. 0.0 in.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

24 hr. Mov. — mi.
Sea L. 30.13 in.
Prev. Dir. —
3 hr. Tend. +1.0/ mb
Snow Depth 0 in.
Observer AGM

$\bar{T} = 59$

HDD = 6

CDD = 0

Σ HDD = 6

Σ CDD = 11

$T_{DAVIS} = 42°/36°$

$T_{UNIV} = 43°/34°$

$T_W = 39°$

$T_D = 35°$

$\Sigma PCN_L = 0.98"$

$PCN_{LTB} = 0.53"$

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

Tuesday, May 4, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WNW	Temp 72 °F			
Min. 35 °F	Vel. 8 m.p.h.	Read. 28.95 in.			
Set 38 °F	Char. Light	Corr. 28.83 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 0/10	Clds. 3/10 Cu	Clds. 3/10 Sc
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. / +2.0 mb	Wx —	Wx windy	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 25 mi.	Vis. 25+ mi.	Vis. 25 mi.

$\bar{T} = 47$

$+HDD = 18$

$CDD = 0$

$\Sigma HDD = 24$

$\Sigma CDD = 11$

$\Sigma PCN_L = .98"$

$T_{Davis} = 38/30$

$T_{UNV} = 41/30$

$T_W = —$

$T_D = 30$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Wednesday May 5 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. SW	Temp 74 °F	*Overnight Low = 46° RB 0645 LT (-RA) RE 0755 LT (-RA)		
Min. * 38 °F	Vel. 2 m.p.h.	Read. 28.78 in.			
Set 47 °F	Char. light	Corr. 28.65 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. / mi.	Sea L. 30.01 in.	Clds. 10/10 St	Clds. 10/10 Sc	Clds. 0/10
Ppn. Liq. 0.06 in.	Prev. Dir. /	3 hr. Tend. ↓ 10.8 mb	Wx STRA East	Wx dull	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\overline{T} = 49$

HDD = 16

CDD = 0

$\Sigma HDD = 40$

$\Sigma CDD = 11$

$\varepsilon PCN_L = 1.04$ "

$T_{Davis} = 46/45$

$T_{UNV} = 45/43$

$T_W = 45$

$T_D = 43$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Thursday May 6, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. WSW	Temp 72 °F	-SHRA ~ 1015 LT -SHRA ~ 1445 - 1500 LT -SHRA ~ 1630 - 1645 LT
Min. 39 °F	Vel. 4 m.p.h.	Read. 28.97 in.	
Set 43 °F	Char. light	Corr. 28.86 in.	

	0700	1300	1900
R.H. 76 %	Clds. 3/10 Cl	Clds. 1/10 Cl	Clds. 2/10 Cl
Ppn. Liq. T in.	Wx valley fog east	Wx Pleasant	Wx Nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 25 mi.
24 hr. Mov. — mi.	Prev. Dir. —	3 hr. Tend. 2 mb	Vis. 25 mi.
Sea L. 30.24 in.			Vis. 25 mi.

$\bar{T} = 52$

HDD = 13

CDD = 0

$\Sigma(HDD) = 53$

$\Sigma CDD = 11$

$\Sigma PCN_L = 1.04$

$T_{Davis} = 45/38$

$T_{WAY} = 43/36$

$T_W = 40$

$T_D = 36$

$PCN_{TB} = NA$

$\Sigma PCN_{TB} = NA$

Friday May 7, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. WSW	Temp [redacted]74 °F	* Overnight Low = 67		
Min. 43* °F	Vel. 10 m.p.h.	Read. 28.92 in.			
Set 69 °F	Char. Breezy	Corr. 28.79 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 9/10 -CI	Clds.	Clds. 7/10 Ac Sc
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +2 / mb	Wx Hazy	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer TPH	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T}$ = [redacted] 61

HDD = 4

CDD = 0

ΣHDD = 57

ΣCDD = 11

ΣPCN_L = 1.04

$\overline{T}_{Davis}$ = 70/61

$\overline{T}_{UNV}$ = 68/59

$\overline{T}_w$ = 62

$\overline{T}_d$ = 58

PCN_{TR} = N/A

ΣPCN_{TB} = N/A

Saturday, May 8, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. SE	Temp 72 °F	TSRA 1155-1220 CT -SHRA 1220-1300 CT -DZ 0755-0855 CT
Min. 49 °F	Vel. 4 m.p.h.	Read. 29.20 in.	
Set 50 °F	Char. Steady	Corr. 29.07 in.	
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.45 in.	
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. /2.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	

	0700	1300	1900
Clds.	Clds. Ci Cc 3/10 Ac Sc	Clds.	Clds. 3/10 Ci St
Wx	Wx -DZ	Wx	Wx —
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 62°
HDD = 3
CDD = 0
ΣHDD = 60
ΣCDD = 11

T_{GNV} = 50°/33°
T_{DAVIS} = 49°/36°

T_W = 45°
T_D = 40°

ΣPCNL = 1.17"

PCNLTB = M
ΣPCNLTB = M

Sunday, May 9th, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 69 °F	Dir. ESE	Temp 74 °F			
Min. 49 °F	Vel. 2 m.p.h.	Read. 29.09 in.			
Set 52 °F	Char. light	Corr. 28.97 in.	0700	1300	1900
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. 6/10 Ci Sc	Clds.	Clds. 7/10 Cu Cg
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — mb	Wx —	Wx	Wx →
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T} = 59$

HDD = 6

CDD = 0

ΣHDD = 66

ΣCDD = 11

$T_{UNV} = 50°/45°$

$T_{DAVIS} = \cancel{50/46}$ 51°/46°

$T_W = 49°$

$T_D = \cancel{43}°$

$\Sigma PCNL = 1.17''$

PCNLTB = M

Σ PCNLTB = M

Monday May 10 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. W	Temp 77 °F	TS 14:13-15:23 LT -TSRA 15:25-19:40 LT overnight low 56° *
Min. 57 °F	Vel. 3 m.p.h.	Read. 28.97 in.	
Set 60 °F	Char. light	Corr. 28.84 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	
Ppn. Liq. 0.32 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	

	0700	1300	1900
Clds.	4/10 Ci Cu	9/10 Ci Cu Sc Cs	6/10 Ci Sc
Wx	Valley Fog	—	Nice
Vis.	10 mi.	25 mi.	25 mi.

$\bar{T} = 67$

HDD = 0

CDD = 2

ΣHDD = 66

ΣCDD = 13

ΣPCNL = 1.49"

$T_{UNV} = 61° / 61°$

$T_{DAVIS} = 60.4° / 60.3°$

$T_W = 60°$

$T_D = 59°$

PCNLTB = M

ΣPCNLTB = M

Tuesday May 11, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SSW	Temp 73 °F	* Overnight Low 62° 900 - 1000 LT HZ 1200 - 1330 - RATS 1300 - 1330 LT T 1900 - 1930 LT T 0100 - 0300 LT HZ 0440 - 0800 LT HZ		
Min. 60 °F	Vel. 1 m.p.h.	Read. 29.01 in.			
Set 63 °F	Char. Light	Corr. 28.89 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. 5/10 Ci CC	Clds. 9/10 Ci Cu	Clds. 9/10 Cu Ci Sc
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1.5 / mb	Wx Valley Fog	Wx	Wx None
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	Vis. 20 mi.	Vis. 20 mi.	Vis. 17 mi.

$\bar{T} = 71$

HDD = 0

CDD = 6

Σ HDD = 66

Σ CDD = 19

$T_{unv} = 63/59$

$T_{claus} = 65/61$

$T_{wb} = 60°$

$T_d = 58°$

$\Sigma PCNL = 1.49$

$PCNL_{TB} = NA$

$\Sigma PCNL_{TB} = NA$

Wednesday May 12, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SE	Temp 72 °F	* overnight Low 65° 1800 – 1815 LT T 2230 – 0800 LT H2 0600 – 0620 – SHRA
Min. * 63 °F	Vel. 2 m.p.h.	Read. 29.02 in.	
Set 65 °F	Char. Steady	Corr. 28.90 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1.2 mb	
Ppn. Sol. 0 in.	Snow Depth 0.0 in.	Observer SLM	

	0700	1300	1900
Clds.	5/10 Ac Cu Ci	8/10 Cu Ac Cb	7/10 Cu Ac Ci
Wx	Valley fog/Mist	Wx Hz	Wx Nice
Vis.	4 mi.	Vis. 15 mi.	Vis. 25 mi.

$\bar{T}$ = 73
HDD = 0
CDD = 8
Σ HDD = 66
Σ CDD = 27

T_{WAP} = 64/64
T_{DAVIS} = 64/62

T_w = 63
T_d = 62

Σ PCNL = 1.49

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

Thursday May 13, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. ESE	Temp 71 °F	* Overnight Low 66°
Min. * 65 °F	Vel. 0 m.p.h.	Read. 29.03 in.	0800 - 1000 LT HZ 1305 - 1330 LT T 1415 - 1530 LT T 1430 - 1445 LT -SHRA 1605 - 1645 LT T 1830 - 1850 LT T 0245 - 0800 LT HZ
Set 66 °F	Char. Steady	Corr. 28.91 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	
Ppn. Liq. .03 in.	Prev. Dir. —	3 hr. Tend. /1.3 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	6/10 Ac Ci	5/10 Cu Ci	3/10 Cu Cs
Wx	Valley Fog + Haze	Hz	Hz
Vis.	20 mi.	17 mi.	15 mi.

$\bar{F} = 75$

$COD = 10$

$HOD = 0$

$\Sigma COD = 37$

$\Sigma HOD = 66$

$\Sigma PCOL = 1,52$

$T_{Dans} = 66/65$

$T_{unr} = 64/63$

$T_{a} = 64$

$T_a = 63$

$PCOL_{TB} = M$

$\Sigma PCOL_{TB} = M$

Friday May 14, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. ** 87 °F	Dir. —	Temp 72 °F	* Overnight Low - 68°F ** RECORD MAX. 05 = 86, 1900
Min. 66* °F	Vel. O m.p.h.	Read. 29.03 in.	
Set 69 °F	Char. Calm	Corr. 28.91 in.	

	0700	1300	1900
R.H. 76 %	Clds. 0/10	Clds. CU AC 8/10 CB	Clds. CU Ci 9/10 AC
Ppn. Liq. — in.	Wx Hz	Wx Hz	Wx -Hz
Ppn. Sol. — in.	Vis. 13 mi.	Vis. 17 mi.	Vis. 20 mi.

Snow Depth — in.

Observer TPH

$\bar{T}$ - 76

CDD - 11

HDD - 0

ΣCDD - 48

ΣHDD - 66

ΣPCN_L - 1.52

T_{davis} - 69166

T_{UNV} - 66164

T_w - 67

T_d - 61

PCN_{LTB} - M

ΣPCN_{LTB} - M

Sat. May 15, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 83 °F	Dir. SW	Temp 71 °F	OCCLT 1300 - 1419 EDT 1337 - 1412 EDT 1423 - 1448 EDT 1508 - 1610 EDT
Min. 65 °F	Vel. 2 m.p.h.	Read. 28.96 in.	OCCLT - SHRA 1320 - 1336 1413 - 1422 1449 - 1456 1700 - 1713
Set 68 °F	Char. Calm	Corr. 28.84 in.	- SHRA 1457 - 1502
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 ✓ mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	

	0700	1300	1900
Clds.	7/10 Ac & Ci	Clds.	9/10 Cu Sc
Wx	Hz	Wx	- SHRA
Vis.	20 mi.	Vis. mi.	Vis. 25 mi.

T = 74
CDD = 9
HDD = 0
ΣCDD = 57
ΣHDD = 66
ΣPCN$_L$ = 1.52

$\overline{T}_{davis}$ - 69166
$\overline{T}_{CNV}$ - 68164

$\overline{T}_w$ - 66
$\overline{T}_d$ - 62

PCN$_{LTB}$ - N/A
ΣPCN$_{LTB}$ - N/A

Sun May 16th, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. N	Temp 71° °F	-TSRA 1815 - 1900 LT -RA 2030 - 2100 LT
Min. 56 °F	Vel. 4 m.p.h.	Read. 29.11 in.	
Set 57 °F	Char. light	Corr. 28.99 in.	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	

0700	1300	1900
Clds. 9/10 Sc Cu	Clds.	Clds. 2/10 Cs Cu Ci
Wx —	Wx	Wx —
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$

$CDD = 4$

$HDD = 0$

$\Sigma CDD = 62$

$\Sigma HDD = 66$

$\Sigma PCN_i = 1.55$

$T_{DAVIS}: 56°/54°$

$T_{UNIV}: 55°/52°$

$T_W = 55°$

$T_D = 52°$

$PCN_{LTB} = N/A$

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

Monday May 17th 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. SE	Temp 71 °F			
Min. 56 °F	Vel. 1 m.p.h.	Read. 29.20 in.			
Set 59 °F	Char. light	Corr. 29.09 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.45 in.	Clds. Cu 5/10 Ci	Clds. Cu 5/10 Ci	Clds. Ac 3/10 Ci Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1 mb	Wx HZ	Wx —	Wx Nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 64$

$CDD = 0$

$HDD = 1$

$\Sigma CDD = 62$

$\Sigma HDD = 67$

$\Sigma PCN_L = 1.55"$

$T_{DAVIS} = 59°/57°$

$T_{UNV} = 55°/55°$

$T_W = 57°$

$T_D = 56°$

$PCN_{UTB} = M$

$\Sigma PCN_{UTB} = M$

Tuesday May 18, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. SW	Temp 71 °F	* Overnight low 63°
Min. * 58 °F	Vel. 1 m.p.h.	Read. 28.99 in.	2315 - 2336 LT -SHRA 150 - 2:00 LT -TSRA 200 - 220 LT SHRA 235 - 400 LT TSRA 455 - 505 - SHRA 555 - 605 LT SHRA 605 - 620 LT - SHRA 620 - 705 LT TSRA 645 - 650 LT +SHRA 705 - 855 LT -SHRA
Set 64 °F	Char. steady	Corr. 28.87 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	
Ppn. Liq. .39 in.	Prev. Dir. —	3 hr. Tend. .5 — mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	Cs 10/10 Ci Cu	Cu 6/10 Cb	Ci 10/10 AC
Wx	Drizzle	Nice	—
Vis.	25 mi.	25 mi.	20 mi.

$\bar{T} = 69$

HDD = 0

CDD = 4

$\Sigma HDD = 67$

$\Sigma CDD = 66$

$\Sigma PCNL = 1.94$

$T_{davis} = 64/63$

$T_{unv} = 63/63$

$T_w = 63°$

$T_d = 62°$

$PCNL_{TB} = N/A$

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

Wednesday May 19, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. WNW	Temp 71 °F	8:10 - 8304 -SHRA 1105 - 1125 LT - SHRA 1150 - 1200 LT SHRA 1615 - 1815 LT T 2130 - 2400 LT -SHRA 415 - 0135 -SHRA
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.96 in.	
Set 61 °F	Char. Steady	Corr. 28.84 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	
Ppn. Liq. .24 in.	Prev. Dir. —	3 hr. Tend. -.8 / mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	10/10 Sc Ac	10/10 Sc Sc	4/10 Cu Ci
Wx.	Rain Valley Fog	Wx Valley Fog Cloudy	Wx Vis
Vis.	17 mi.	17 mi.	25 mi.

$\bar{T} = 70$

HDD = 0

CDD = 5

ΣHDD = 67

ΣCDD = 71

ΣPCNL = 2.18

$T_{daily} = 61/61$

$T_{unit} = 61/61$

$T_w = 61$

$T_d = 61$

$PCNL_{TB} = N/A$

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

Thursday May 20, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. SE	Temp 71 °F	OBS - 1130 LT -SHRA 1350 - 1505 LT -SHRA 0235 - 0245 LT FG
Min. 56 °F	Vel. 0 m.p.h.	Read. 29.03 in.	
Set 60 °F	Char. light	Corr. 28.92 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	
Ppn. Liq. .12 in.	Prev. Dir. —	3 hr. Tend. .5 ✓ mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	

	0700	1300	1900
Clds.	Clds. Sc Cb 10/10	Clds. SC St 10110	Clds. Sc St 10/10
Wx	Wx valley Fog	Wx -SHRA	Wx valley Fog
Vis.	Vis. 5 mi.	Vis. 10 mi.	Vis. 10 mi.

$\bar{T}$ = 61

HDD = 4

CDD = 0

Σ HDD = 71

Σ CDD = 71

Σ PCNL = 2.30

T_{closes} = 59/58

T_{turn} = 57/57

T_w = 59

T_a = 58

$PCNL_{TB}$ = N/A

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

Friday May 21, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. —	Temp 70 °F	*Overnight Low - 64 1048 - 1106 - SHRA 1328 - 1454 SHRA OCCL-SHRA 0012 - 0040 - TSRA 0120 - 0133 - SHRA 0310 - Obs TSRA OCCL+TSRA		
Min. 60* °F	Vel. 0 m.p.h.	Read. 28.99 in.			
Set 65 °F	Char. Calm	Corr. 28.87 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 10/10 St Ns	Clds. Cu Ci Cs 7/10	Clds. St Sc Cu 10/10
Ppn. Liq. .30 in.	Prev. Dir. —	3 hr. Tend. +31 mb	Wx Fog TSRA	Wx Nice	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 10 mi.	Vis. 25 mi.	Vis. 17 mi.

$\overline{T} = 64$
HDD = 1
CDD = 0
$\Sigma HDD = 72$
$\Sigma CDD = 71$
$\Sigma PCN_L = 2.60$

$\overline{T}_{davis} = 64/64$
$\overline{T}_{UNV} = 66/64$

$\overline{T}_w = 64$
$\overline{T}_d = 64$

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

Sat May 22, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. S	Temp 70 °F	Yesterday 06 - 1010 SHRA OCCT 2043 - 2104 - SHRA 2113 - 2200 - SHRA 0000 - 0020 + SHRA 0030 - 0040 - SHRA 0520 - 0740 SHRA OCCL+SHRA		
Min. 60 °F	Vel. 3 m.p.h.	Read. 28.82 in.			
Set 62 °F	Char. Calm	Corr. 28.70 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. St Sc Cu 10/10	Clds.	Clds. C Cs 3/10
Ppn. Liq. .71 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx Valley Fog	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 17 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 70$

HDD = 0

CDD = 5

$\Sigma HDD = 72$

$\Sigma CDD = 76$

$\Sigma PCN_L = 83.31$

$T_{davis} - 62|62$ $T_w = 62$

$T_{UNV} - 62|62$ $T_d = 62$

$PCN_{LTB} = N/A$

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

Sunday May 23, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. WSW	Temp 70 °F	*overnight Low 69		
Min. * 62 °F	Vel. 9 m.p.h.	Read. 28.72 in.			
Set 70 °F	Char. light	Corr. 28.61 in.	0700	1300	1900
R.H. 79 %	24 Hr. Mov. — mi.	Sea L. 29.90 in.	Clds. Ci 2/10	Clds.	Clds. Cu & Ac 7/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1 mb	Wx Fog	Wx	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 72$

HDD = 0

CDD = 7

ΣHDD = 72

ΣCDD = 83

$\Sigma PCN_L = 3.31"$

$T_{DAVIS} = 72°/68°$

$T_{UNV} = 70°/64°$

$T_w = 67$

$T_d = 65$

$PCN_{LTB} = M$

$\Sigma PCN_{LTB} = M$

Monday May 24 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. W	Temp 71 °F	~~tonight~~ Low = 72
Min. ~~†~~ 70Δ °F	Vel. 13 m.p.h.	Read. 28.67 in.	Δ Record max min ♦ Obs record = 66 in 1964
Set 74 °F	Char. Gusty	Corr. 28.56 in.	
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	

0700	1300	1900
Clds. CuCi 7/10 CsSc	Clds. Cu 7/10	Clds. Cu 4/10 Ci
Wx —	Wx BREEZY	Wx Nice
Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 78$

$HDD = 0$

$CDD = 13$

$\Sigma HDD = 72$

$\Sigma CDD = 96$

$T_{DAVIS} = 74/65$

$T_{UNV} = 75/63$

$T_W = 66$

$T_d = 61$

$PCN_{LTB} = M$

$\Sigma PCN_{LTB} = M$

Tuesday May 25, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. WSW	Temp 71 °F			
Min. 56 °F	Vel. 4 (67) m.p.h.	Read. 28.78 in.			
Set 59 °F	Char. varying	Corr. 28.66 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 4/10 ci cu	Clds. 8/10 cu cb	Clds. 9/10 cb cu
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. 1.5 / mb	Wx Nim	Wx —	Wx —
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 70$
HDD = 0
CDD = 5
ΣHDD = 72
ΣCDD = 101
ΣPCNL = 3.31

$T_{daily} = 58/54$
$T_{NRV} = 57/52$

$T_W = 55$
$T_d = 54$

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

Wednesday May 26, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. W	Temp 75 °F	* overnight low 67 0500 - 0615 LT TSRA OCCL +TSRA
Min. * 59 °F	Vel. (78) 4 m.p.h.	Read. 28.164 in.	
Set 67 °F	Char. gusty	Corr. 28.52 in.	

	0700	1300	1900
R.H. 90 %	Clds. Cu 9/10 Cb	Clds. Cu Sc 9/10	Clds. Ns 10/10 Cu
Ppn. Liq. .39 in.	Wx clouds breaking / valley Fog	Wx Hz	Wx —
Ppn. Sol. 0 in.	Vis. 20 mi.	Vis. 17 mi.	Vis. 20 mi.

Snow Depth 0 in.

Prev. Dir. —

3 hr. Tend. 1 — mb

Sea L. 29.82 in.

Observer SM

$\bar{T} = 69$

HDD = 0

CDD = 4

ΣHDD = 72

ΣCDD = 105

ΣPCNL = 3.70

$T_{dmin} = 66/66$

$T_{hum} = 66/64$

$T_w = 65$

$T_d = 64$

$PCNL_{TD} = N/A$

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

Thursday May 27, 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 76 °F	Dir. NE	Temp 70 °F	1155 - 1215LT RA 2020 - 2040 LT -TSRA 0800 - 0810 LT -RA
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.63 in.	
Set 63 °F	Char. light	Corr. 28.52 in.	

	0700	1300	1900
R.H. 90 %	Clds. 10/10 Cb Cu	Clds. 10/10 Sc Cu	Clds. 8/10 Sc Cu
Ppn. Liq. .02 in.	Wx Valley Fog	Wx Hz	Wx Hz Few Sprinkles
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SLM	Vis. 15 mi.
	Vis. 15 mi.	Vis. 15 mi.	Vis. 20 mi.

$\bar{T} = 69$

$HDD = 0$

$CDD = 4$

$\Sigma HDD = 72$

$\Sigma CDD = 109$

$\Sigma PCNL = 3.72$

$T_{daily} = 62/61$

$T_{min} = 61/59$

$T_{HI} = 61$

$T_{LO} = 60$

$PCNL_{TB} = N/A$

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

Friday May 28, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. W	Temp 70 °F	0220 - 0250 LT - SHRA 0520 - 0540 LT - SHRA *Overnight Low - 65
Min. 63* °F	Vel. 4 m.p.h.	Read. 28.51 in.	
Set 65 °F	Char. Light	Corr. 28.39 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 29.69 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -.5 ↘ mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	

0700	1300	1900
Clds. SC CU 10/10 ST	Clds. CU 7/10 CI	Clds. CU 2/10 CI
Wx Slight Hz	Wx Nice	Wx Nice
Vis. 17 mi.	Vis. 17 mi.	Vis. 20 mi.

$\overline{T} = 69$
HDD = 0
CDD = 4
ΣHDD = 72
ΣCDD = 113
$\Sigma PCN_L = 3.72$

$\overline{T}_{davis} = 64161$
$\overline{T}_{UNV} = 64159$

$\overline{T}_w = 66$
$\overline{T}_d = 64$

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

Sat. May 29, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. N	Temp 70 °F			
Min. 46 °F	Vel. 4 m.p.h.	Read. 28.97 in.			
Set 49 °F	Char. Light	Corr. 28.85 in.	0700	1300	1900
R.H. 61 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. Ci 3/10 Cu	Clds.	Clds. Ci Cs Cc 5/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +2 / mb	Wx Nice	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer TPH	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 59$

$HDD = 6$

$CDD = 0$

$\Sigma HDD = 78$

$\Sigma CDD = 113$

$\Sigma PCN_L = 3.72$

$\bar{T}_{davis} = 50142$

$\bar{T}_{UNV} = 48137$

$T_w = 47$

$T_d = 36$

$PCN_{LTB} = N/A$

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

Sunday May 30, 2004 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 66 °F	Dir. NE	Temp 72 °F	*overnight LOW = 50
Min. * 49 °F	Vel. 3 m.p.h.	Read. 28.90 in.	
Set 51 °F	Char. light	Corr. 28.78 in.	
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↑.05 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KM	

	0700	1300	1900
Clds.	Ci Cs Cc 6/10	Clds.	Clds. Ci Cs Cc 7/10
Wx	—	Wx	Wx —
Vis.	25 mi.	Vis. mi.	Vis. 25 mi.

$T = 58$

HDD = 7

CDD = 0

ΣHDD = 85

ΣCDD = 113

$\Sigma PCN_L = 3.72"$

$T_{DAVIS} = 52/43$

$T_{UNV} = 50/43$

$T_W = 40°$

$Td = 40°$

$PCN_{UTB} = M$

$\Sigma PCN_{UTB} = M$

Monday May 31, 2004

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. E	Temp 79 °F	* DUNT LAW 61		
Min. 51 * °F	Vel. 3 m.p.h.	Read. 28.60 in.			
Set 61 °F	Char. light	Corr. 28.46 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.77 in.	Clds. 10/10 Cu Cs	Clds. 10/10 Cu Cs	Clds. 10/10 Cu Cs
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \-0.5 mb	Wx Haze LT DZ	Wx DZ	Wx DZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KAA	Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.

$\bar{T} = 63$

HDD = 2

CDD = 0

ΣHDD = 87

ΣCDD = 113

$\Sigma PCN_L = 3.72"$

$T_{DAVIS} = 62/60$

$T_{UNV} = 61/57$

$T_w = 60°$

$T_d = 59°$

MAV TEMP'S.

$\bar{T}_{MAX} = 75.9$

$\bar{T}_{MIN} = 55.2$

$\bar{T}_{MTT} = 65.56$

$PCN_{UTB} = M$

$\Sigma PCN_{UTB} = M$