Sun June 1, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. NW	Temp 73 °F	0800 - 1130: -RA OCNL RA, +RA
Min. 48 °F	Vel. 13 m.p.h.	Read. 28.57 in.	1310 - 1800: -RA OCNL RA, +RA
Set 48 °F	Char. Gusty	Corr. 28.45 in.	2140 - 0655: -RA OCNL RA

	0700	1300	1900
Clds.	10/10 NS	Clds.	Clds. 1/10 As
Wx	-DZ	Wx	Wx
Vis.	15 mi.	Vis. mi.	Vis. 25 mi.

R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.72 in.
Ppn. Liq. 1.07 in.	Prev. Dir. —	3 hr. Tend. +.5 mb
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS

$\bar{T} = 54$

$HDD = 11$

$CDD = 0$

$\Sigma HDD = 11$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.07$

$T_{Oavg} = 48/48$

$T_{avg} = 46/41$

$TW = M$

$T_O = 48$ (from Oavg)

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

MON JUNE 2, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. —	Temp 72 °F	0800 - 1200 LT: OCCNL RA (OTN - RA)		
Min. 44 °F	Vel. 0 m.p.h.	Read. 28.86 in.			
Set 48 °F	Char. CALM	Corr. 28.74 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. CLEAR	Clds.	Clds. T/10 Ci Cs As
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx	Wx	Wx
Ppn. Sol. — in.	Snow Depth —— in.	Observer J.M.M.	Vis. 2.5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 55

HDD = 10

CDD = 0

ΣHDD = 21

ΣCDD = 0

ΣPCNL = 1.20

TDAVIS = 49/42

TMNV =

TW = 44

TD = 40

PCNTB = 0.00

ΣPCNTB = 0.00

Tuesday, June 3, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. ENE	Temp 77° °F	*Overnight Low 52°		
Min. 48° °F	Vel. 0 m.p.h.	Read. 28.90 in.			
Set 53° °F	Char. Light	Corr. 28.76 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 10/10 OVC; St	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \0.6 mb	Wx —	Wx RA	Wx -RA
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 25 mi.	Vis. 5 mi.	Vis. 5 mi.

$\bar{T} = 58°$

HDD = 7

CDD = 0

ΣHDD = 28

ΣCDD = 0

Σ PCNL = 1.20"

$T_{Davis} = 53°$

$T_{UNV} = 50°$

$T_W = 48°$

$T_D = 43°$

PCNTB = 0.00 /M

ΣPCNTB = 0.00/M

Wednesday June 4, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. NE	Temp 78 °F	0945 - 1205 LT - RA 1205 - 330 RA, -RA 330 - 530 LT - RA, DZ
Min. 51 °F	Vel. 2 m.p.h.	Read. 28.64 in.	
Set 52 °F	Char. light	Corr. 28.50 in.	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.84 in.	
Ppn. Liq. .85 in.	Prev. Dir. —	3 hr. Tend. ✓ 0.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

0700	1300	1900
Clds. 10/10 St	Clds. 10/10 Sc	Clds. 10/10 St
Wx FG	Wx —	Wx —
Vis. 24 mi.	Vis. 24 mi.	Vis. 4 mi.

$\bar{T} = 53$

$T_{DAVIS} = 52|52$

$T_W = 50$

$T_{UNV} = 50|48$

$T_D = 48$

HDD = 12

CDD = 0

Σ HDD = 40

Σ CDD = 0

Σ PCNL = 2.05"

PCNTB = .80

Σ PCNTB = M

Meteorological Observatory
Univeristy Park, PA

Thursday, June 5th 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. W	Temp 79 °F	1130 - 1320 LT - RA 1620 - 1710 LT - RA 1730 - 1850 LT - RA 2125 - 2300 LT - RA
Min. 51 °F	Vel. 5 m.p.h.	Read. 28.61 in.	
Set 56 °F	Char. Gusty	Corr. 28.47 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.80 in.	
Ppn. Liq. .15 in.	Prev. Dir. —	3 hr. Tend. / 1.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

	0700	1300	1900
Clds.	5/10 Cu	10/10 OVC Sc	9/10 Sc
Wx	FG	- DZ	Wx
Vis.	4 mi.	15 mi.	15 mi.

$\bar{T} = 54$

HDD = 11

CDD = 0

Σ HDD = 51

Σ CDD = 0

ΣPCNL = 2.20"

$T_{Davis} = 57/57$

$T_{UNV} = 55/51$

$T_w = 53$

$T_b = 51$

PCNTB = M

ΣPCNTB = M

Fri, June 6, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir. W	Temp 78 °F			
Min. 55 °F	Vel. 4 m.p.h.	Read. 28.90 in.			
Set 56 °F	Char. breezy	Corr. 28.77 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 10/10 Sc	Clds. 5/10 Sc	Clds. 5/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx —	Wx —	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$T = 58$

$HDD = 7$

$CDD = 0$

$\Sigma HDD = 58$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.20"$

$T_{Davis} = 56/52$

$T_{UNV} = 55/48$

$T_W = 51$

$T_D = 47$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Sat. June 7, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 76 °F	Dir. —	Temp 75 °F	* Overnight low - 57°
Min. 56* °F	Vel. — m.p.h.	Read. 28.78 in.	0300 - obs: RA OCNL - RA
Set 58 °F	Char. calm	Corr. 28.65 in.	** 1 mile to west
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend. ↘ 1 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	

	0700	1300	1900
Clds.	10/10 Ns		10/10 Ns
Wx	RA		—
Vis.	1 mi.	mi.	5** mi.

$\overline{T} = 66$

$HOD = 0$

$COD = 1$

$\Sigma HOD = 58$

$\Sigma COD = 1$

$\Sigma PCN_c = 2.55$

$T_{OAWS} = 57/57$

$T_{UNU} = 55/54$

$T_w = [redacted] 58$

$T_o = [redacted] 58$

$PCN_{TG} = M$

$\Sigma PCN_{TG} = M$

Meteorological Observatory
Univeristy Park, PA

Sun, June 8, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. —	Temp 70 °F	0800 - 1300 LT - RA, occ! RA
Min. 56 °F	Vel. — m.p.h.	Read. 28.73 in.	1400 - 0400 LT - DZ, occ! DZ
Set 60 °F	Char. calm	Corr. 28.62 in.	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	
Ppn. Liq. .31 in.	Prev. Dir. —	3 hr. Tend. —+0.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	9/10	Clds.	Clds. 10/10 St
Wx	HZ	Wx	Wx Hz
Vis.	4.5 mi.	Vis. mi.	Vis. 8 mi.

T = 59
HDD = 6
CDD = 0
ΣHDD = 64
ΣCDD = 1
$\Sigma PCN_L = 2.86"$

$T_{Davis} = 59/59$
$T_{UNV} = 59/55$

$T_w = 56$
$T_D = 53$

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

MONDAY JUNE 9 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. WSW	Temp 76 °F	+RA W/ THUNDER/LTG 2230-2245LT -RA W/ THUNDER/LTG 2245-2310LT
Min. 55 °F	Vel. 6 m.p.h.	Read. 28.69 in.	
Set 58 °F	Char. STEADY	Corr. 28.56 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.88 in.	
Ppn. Liq. 0.24 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MMM.	

0700	1300	1900
Clds. AS 1/10 CU	Clds.	Clds. 6/10 CU SC
Wx HZ	Wx	Wx
Vis. 20 mi.	Vis. mi.	Vis. 17 mi.

T = 63

HDD = 2

CDD = 0

ΣHDD = 66

ΣCDD = 1

ΣPCN_L = 3.10 "

TDAVIS = 59/57

TUNV = 55/54

TW = 57

TD = 56

PCNTS = M

ΣCNTS = M

Meteorological Observatory
Univeristy Park, PA

Tuesday, June 10, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. SW	Temp 76 °F	-TSHRA 1920-1940 LT
Min. 56 °F	Vel. 1 m.p.h.	Read. 28.92 in.	
Set 58 °F	Char. Light	Corr. 28.78 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	

0700	1300	1900
Clds. CLR	Clds. 7/10 Cu	Clds. 7/10 OC
Wx Valley FG	Wx —	Wx —
Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 64$

HDD = 1

CDD = 0

ΣHDD = 67

ΣCDD = 1

$T_{Davis} = 60°$

$T_{UNV} = 57°$

$T_w = 55°$

$T_b = 53°$

PCNLTB = 0.20"

ΣPCNTBB = M

ΣPCNL = 3.19"

Wednesday, June 11th 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. W	Temp 72 °F	755-759 LT - RA *OVERNIGHT LOW = 66°
Min. 58 °F	Vel. 3 m.p.h.	Read. 28.78 in.	
Set 67 °F	Char. light	Corr. 28.66 in.	
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	
Ppn. Liq. T" in.	Prev. Dir. —	3 hr. Tend. / .08 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

	0700	1300	1900
Clds.	10/10 St	10/10 Sc	10/10 St
Wx	—	HZ	
Vis.	23 mi.	10 mi.	23 mi.

$\bar{T} = 69$

HDD = 0

CDD = 4

ΣHDD = 67

ΣCDD = 5

ΣPCNL = 3.19"

$T_{DAVIS} = 66|62$ $T_N = 62$

$T_{UNV} = 64|57$ $T_D = 59$

PCNLTB = 0

ΣPCNLTB = M

Thursday, June 12th 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 72 °F	830 - 1150 LT -RA OCCL RA 1840 - 1855 LT -RA 1910 - 1925 LT T 1930 - 2030 LT - RA -SHRA 2100 - 2110 LT - RA ~0630 0030 - 0050 LT - RA		
Min. 66 °F	Vel. 0 m.p.h.	Read. 28.72 in.			
Set 67 °F	Char. calm	Corr. 28.60 in.			
			0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 9/10 Cs	Clds. 10/10 Sc	Clds. 10/10 Sc
Ppn. Liq. .17 in.	Prev. Dir. —	3 hr. Tend. / 2.0 mb	Wx FG	Wx Hz	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 5 mi.	Vis. 10 mi.	Vis. 4 mi.

$\overline{T} = 72$

$T_{DAVIS} = 67/67$ $T_W = 65$

$T_{DNV} = 64/64$ $T_D = 64$

HDD = 0

CDD = 7

ΣHDD = 67

ΣCDD = 12

PCNTB = 0

ΣPCNTB = M

ΣPCNL = 3.36"

Fri, June 13, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. SW	Temp 72 °F	*Ovnt low 68 -RA 09:50 - 13:30 LT ocnl RA, +RA -RA 17:03 - 17:20 LT -RASH 22:14 - 22:22 LT →		
Min. 67 * °F	Vel. 2 m.p.h.	Read. 28.72 in.			
Set 69 °F	Char. gentle	Corr. 28.60 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 10/10 Sc	Clds. 10/10 Sc	Clds. 9/10 Ac
Ppn. Liq. .19 in.	Prev. Dir. —	3 hr. Tend. +.5 mb	Wx HZ	Wx HZ	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 17 mi.	Vis. 17 mi.	Vis. 25 mi.

$\bar{T} = 71$

HDD = 0

CDD = 6

ΣHDD = 67

ΣCDD = 18

$\Sigma PCN_L = 3.55"$

$T_{Davis} = 69/67$

$T_{UNV} = 68/62$

$T_w = 66$

$T_b = 65$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

- RA 22:41 - 24:07 LT
occl RA
- RA 00:48 - 01:06 LT
- RASH 02:39 - 02:49 LT

Sat. June 14, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. W	Temp 72 °F	1445 LT - RASH 1726 - 1736 LT - RASH		
Min. 68 °F	Vel. 4 m.p.h.	Read. 28.76 in.			
Set 69 °F	Char. Light	Corr. 28.64 in.			
			0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 10/10 Sc	Clds.	Clds. 8/10 Cs
Ppn. Liq. trace in.	Prev. Dir. —	3 hr. Tend. +.5 mb	Wx HZ	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SGTH	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 73$

$T_{DAVIS} = 70/68$

$T_W = 63$

$T_{NWS} = 68/62$

$T_D = 60$

$+HDD = 0$

$CDD = 8$

$\Sigma HDD = 67$

$\Sigma CDD = 26$

$\Sigma PCN_L = 3.55"$

$PCN_{TIB} = M$

$\Sigma PCN_{TIB} = M$

Sunday June 15, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SSW	Temp 80 °F	1520-1605 · -RA		
Min. 60 °F	Vel. 3 m.p.h.	Read. 28.97 in.			
Set 63 °F	Char. light	Corr. 28.83 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 6/10 CS	Clds.	Clds. Ci 6/10 AC CU
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. ↓ 1 mb	Wx Valley Fog	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 68$

$HDD = 0$

$CDD = 3$

$\Sigma HDD = 67$

$\Sigma CDD = 29$

$\Sigma PCN_L = 3.62$

$T_{davis} = 63/63$

$T_{unv} = 59/59$

$T_w = 63$

$T_d = 63$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

MONDAY JUNE 16 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 29 °F			
Min. 57 °F	Vel. 0 m.p.h.	Read. 29.03 in.			
Set 58 °F	Char. CALM	Corr. 29.96 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. Ci 10/10 AC	Clds. Ci 8/10 Cu	Clds. Cs Cc Ac 1/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 1.5 mb	Wx -HZ E	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth — in.	Observer MMM	Vis. 25 mi.	Vis. 20 mi.	Vis. 25 mi.

T̄ = 67

HBD = 0

CDD = 2

ΣHDD = 67

ΣCDD = 3c

ΣPCNL = 362

TDAVG = 58/45

TMNV = 55/45

TW = 51

TD = 45

PCNTB = M

ΣPCNTB = M

Meteorological Observatory
Univeristy Park, PA

Tuesday, June 17, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. E	Temp 74 °F			
Min. 57 °F	Vel. 3 m.p.h.	Read. 29.08 in.			
Set 61 °F	Char. breezy	Corr. 28.95 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. 9/10 Sc Ac	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0.0 mb	Wx	Wx	Wx -DZ
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 25 mi.	Vis. 25 mi.	Vis. 4 mi.

$\bar{T} = 67°$

HDD = 0

CDD = 2

ΣHDD = 67

ΣCDD = 33

$T_{Davis} = 60°$

$T_{ave} = 57°$

$T_w = 57°$

$T_D = 54°$

PCNLTB = M

ΣPCNL = 3.62"

ΣPCNLTB = M

Wednesday, June 18, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. S	Temp 79 °F	1230 - 1915 LT - RA 1930 - 0145 LT - RA OCCL RA 0145 - 0200 LT +RA 0200 - 0225 LT RA w/ T 0225 - 0250 LT +RA w/ T 0250 - 0325 LT -RA OCCL T 0400 - 0450 LT - T 605-626 -RA		
Min. 57 °F	Vel. 2 m.p.h.	Read. 28.75 in.			
Set 58 °F	Char. light	Corr. 28.61 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 10/10 Ns	Clds. 9/10 Sc	Clds. 6/10 Ci As
Ppn. Liq. 1.07 in.	Prev. Dir. —	3 hr. Tend. ↗ .5 mb	Wx HZ	Wx HZ	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 2 mi.	Vis. 15 mi.	Vis. 20 mi.

$\bar{T} = 61°$

HDD = 4

CDD = 0

ΣHDD = 71

ΣCDD = 33

ΣPCNL = 4.69"

$T_{DAVIS} = 57|57$ $T_D = 56$

$T_{UNV} = 55|55$ $T_D = 55$

PCNLTB = .33

ΣPCNLTB = M

Meteorological Observatory
Univeristy Park, PA

Thursday, June 19, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. NE	Temp 72 °F	* OVN low 61°
Min. 58 °F	Vel. 2 m.p.h.	Read. 28.62 in.	
Set 62 °F	Char. light	Corr. 28.50 in.	** 25 mi. to west
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.81 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. −0.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

0700	1300	1900
Clds. 10/10 St	Clds. 9/10 Sc, Cu Ci	Clds. Ci, 9/10 Cu
Wx FG	Wx	Wx —
Vis. .25 mi.	Vis. 17 mi.	Vis. 12** mi.

$\bar{T} = 66$

HDD = 9

CDD = 1

$\Sigma HDD = 71$

$\Sigma CDD = 34$

$\Sigma PCNL = 4.69"$

$T_{DAVIS} = 61|61$ $T_W = 61$

$T_{UNV} = 59|59$ $T_D = 61$

PCNTB = M

$\Sigma PCNTB = M$

Fri, June 20, 2003

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. —	Temp 72 °F	13:15 - 14:10 LT -TSRA, ocnl RA +RA →
Min. 59 °F	Vel. — m.p.h.	Read. 28.78 in.	23:35 - 24:10 LT -RASH
Set 59 °F	Char. calm	Corr. 28.66 in.	00:19 - 00:32 LT -RASH
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	
Ppn. Liq. .20 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	10/10 Sc	10/10 NS	Clds.
Wx	—	-DZ	Wx
Vis.	25 mi.	26 mi.	Vis. mi.

$T = 67$

$HDD = 0$

$CDD = 2$

$\Sigma HDD = 71$

$\Sigma CDD = 36$

$\Sigma PCN_L = 4.89"$

$\overline{T}_{DAVIS} = 59/56$

$T_{UNV} = 57/50$

$T_W = 54$

$T_D = 50$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

00:58 - 01:08 LT - RASH
01:56 - 02:29 LT - RASH

Sat. June 21 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. —	Temp 78 °F	OB 1030LT 1245-1800 -RA OCNL RA 1920-2005 -RA 2305-2330 -RA 0050-0500 -RA OCNL RA + TRA
Min. 54 °F	Vel. — m.p.h.	Read. 28.76 in.	
Set 55 °F	Char. CALM	Corr. 28.63 in.	

R.H.	24 hr. Mov.	Sea L.	0700	1300	1900
100 %	— mi.	29.96 in.	Clds. 10/10	Clds.	Clds. 7/10 SC cu to East
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend. +0.24 mb	Wx LT. DRIZZLE	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer FJG	Vis. 2 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T}$ = 59 T_{Davis} = M T_w = M

HDD = 6 T_{min} = 54/54 T_o = 55

CDD = 0

ΣHDD = 77

ΣCDD = 36

ΣPCN_L = 5.24"

PCN_{TB} = M

ΣPCN_{TB} = M

Sunday June 22, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. —	Temp 78 °F	* RUN LOW = 57 0810 - 1005 -RA 1105 - 1125 -RA 1155 - 1305 -RA 1505 - 1536 -RA 2211 - 2246 -RA 2300 - 0010 -RA		0150 0210 -RA
Min. 55* °F	Vel. — m.p.h.	Read. 28.76 in.			
Set 58 °F	Char. Light	Corr. 28.62 in.	0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. 10/10 SC	Clds.	Clds. 5/10 Ci
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. — 1.0 mb	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth - in.	Observer JAS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 59

HDD = 6

CDD = 0

ΣHDD = 83

ΣCDD = 36

ΣPCN_L = 5.31"

T_{Davis} 58/57

T_{UNV} = 57/55

T_w = 57

T_d = 57

PCN_{TB} = M

ΣPCN_{TB} = M

MONDAY JUNE 23 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 74 °F	-RA 0940-1000 cT		
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.80 in.			
Set 63 °F	Char. CALM	Corr. 28.68 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 4/10 4c c.	Clds. 4/10 Ac c.	Clds. 1/10 Cs
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx	Wx	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer JMM.	Vis. 25 mi.	Vis. 25 mi.	Vis. 22 mi.

$\bar{T}$ = 69

HDD = 3

CDD = 4

ΣHDD = 83

ΣCDD = 40

ΣPCPNL = 5.32"

TDAVIS = 65/55

TMNV = 64/53

TW = 58

TD = 55

PCPNTB = M

ΣPCPNTB = M

Tuesday, June 24, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SW	Temp 72 °F			
Min. 61 °F	Vel. 2 m.p.h.	Read. 28.97 in.			
Set 65 °F	Char. Steady	Corr. 28.84 in.	0700	1300	1900
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. CLR	Clds. CLR	Clds. 3/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / 1.0 mb	Wx	Wx HZ	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 25 mi.	Vis. 24 mi.	Vis. 25 mi.

$\bar{T} = 74$

$HDD = 0$

$CDD = 9$

$\Sigma HDD = 85$

$\Sigma CDD = 49$

$T_{UNV} = 64°$

$T_{Davis} = 66°$

$T_W = 58°$

$T_D = 53°$

$\Sigma PCNL = 5.32"$

$PCNLTB = M$

$\Sigma PCNLTB = M$

Wednesday, June 25, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. SW	Temp 72 °F			
Min. 64 °F	Vel. 2 m.p.h.	Read. 28.91 in.			
Set 68 °F	Char. light	Corr. 28.79 in.	0700	1300	1900
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 5/10 Ac	Clds. 1/10 Ac	Clds. CLR
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /1.8 mb	Wx HZ	Wx HZ	Wx +/Z
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 23 mi.	Vis. 23 mi.	Vis. 20 mi.

$\bar{T} = 76$

HDD = 0

CDD = 11

ΣHDD = 83

ΣCDD = 60

$T_{UNV} = 62/57$

$T_{DAVIS} = 68/63$

$T_W = 63°$

$T_D = 60°$

ΣPCNL = 5.32"

PCNTB = M

ΣPCNTB = M

Thursday, June 26, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. W	Temp 74 °F	*OVN LOW 69°		
Min. 68 °F	Vel. 2 m.p.h.	Read. 28.89 in.			
Set 72 °F	Char. light	Corr. 28.76 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. CLR	Clds.	Clds. CLR
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. −0.0 mb	Wx HZ	Wx	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 4 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T} = 79$

HDD = 0

CDD = 14

ΣHDD = 83

ΣCDD = 74

ΣPCNL = 5.32"

$T_{UNIV} = 68/62$ $T_W = 66$

$T_{DAVIS} = 72/67$ $T_D = 63$

PCNTB = M

Σ PCNTB = M

Friday, June 27, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. W	Temp 78 °F	Cold FROPA 0730 LT		
Min. 70 °F	Vel. 8 m.p.h.	Read. 28.77 in.			
Set 70 °F	Char. Breezy	Corr. 28.63 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. Ac 6/10 Cu Sc	Clds. 10/10 Sc	Clds. 7/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	Wx Hz	Wx —	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer BPH	Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 80°$

HDD = 0

CDD = 15

ΣHDD = 83

ΣCDD = 89

Σ PCNL = 5.32"

$T_{wb} = 70°$

$T_{Dew} = 70°$

$T_w = 63°$

$T_D = 59°$

PCNLTB = M

ΣPCNLTB = M

Sat. June 28, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp 72 °F	~1300 LT - RASH - 1315		
Min. 56 °F	Vel. — m.p.h.	Read. 28.95 in.			
Set 61 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. 1/10 Cu	Clds.	Clds. 1/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx HZ	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 65$

$+DD = 0$

$CDD = 0$

$\Sigma HDD = 83$

$\Sigma CDD = 89$

$T_{DAVIS} = 64/57$

$T_{UNIV} = 60/53$

$T_W = 54$

$T_D = 49$

PCNTB = M

$\Sigma PCN_{LTB} = M$

$\Sigma PCN_L = 5.32"$

Sunday June 29, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 83 °F	Dir. WSW	Temp 72 °F	*SUNT LOW 66
Min. 61* °F	Vel. 5 m.p.h.	Read. 28.95 in.	
Set 68 °F	Char. light	Corr. 28.82 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. −0.5 mb	
Ppn. Sol. 0.00 in.	Snow Depth in.	Observer JAS	

	0700	1300	1900
Clds.	Clds. 3/10 ac ci	Clds.	Clds. 2/10 ci
Wx	Wx H2	Wx	Wx —
Vis.	Vis. 4 mi.	Vis. mi.	Vis. 25 mi.

T - 72

HDD: 0

CDD: 7

ΣHDD: 83

ΣCDD: 96

ΣPCN_L = 5.32

T_{oavis} = 67/53

T_{unU} = 66/59

T_w = 64

T_d = 62

PCN_{TB} = M

ΣPCN_{TB} = M

Monday June 30, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. WSW	Temp 72 °F			
Min. 68 °F	Vel. 3 m.p.h.	Read. 29.00 in.			
Set 71 °F	Char. Light	Corr. 28.87 in.			
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↗ 1.0 mb	Clds. 10/10 SC	Clds.	Clds. 7/10 Ci Cs Cc
Ppn. Sol. — in.	Snow Depth — in.	Observer JMS	Wx H2	Wx	Wx Distant Tcu SW
			Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 76$

HDD = 0

ΣHDD = 83

CDD = 11

ΣCDD = 107

$\Sigma PCN_L = 5.32$

Tdavis = 71/65

Tuav = 70/59

Tw = 66

Td = 63

JUNE Temps

$\bar{T}_{MAX} = 73.1$

$\bar{T}_{MIN} = 58.0$

$\bar{T}_{JUN} = 65.55$