Meteorological Observatory
Univeristy Park, PA

Tuesday, July 1, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. SW	Temp 72 °F	-RA 1220-1235LT
Min. 59 °F	Vel. 1 m.p.h.	Read. 29.05 in.	
Set 62 °F	Char. Light	Corr. 28.92 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. /0.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	

0700	1300	1900
Clds. 1/10 Ci	Clds. 3/10 Cu	Clds. 2/10 Cu
Wx Thin Fg E	Wx —	Wx —
Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.

HDD = 0

CDD = 2

ΣHDD = 0

ΣCDD = 2

$T_{Davis} = 63°$

$T_{UWV} = 61°$

$T_W = 59°$

$T_D = 57°$

ΣPCNL = Trace

PCNLTB = M

ΣPCNLTB = M

Wednesday, July 2nd 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. E	Temp 72 °F	*OVN LOW 62
Min. 62 °F	Vel. 2 m.p.h.	Read. 28.89 in.	
Set 65 °F	Char. light	Corr. 28.77 in.	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.09 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.	8/10 Ci	5/10 Cs	Clds.
Wx	HZ	HZ	Wx
Vis.	23 mi.	23 mi.	Vis. mi.

$\bar{T} = 74$

HDD = 0

CDD = 9

ΣHDD = 0

ΣCDD = 11

ΣPCNL = Trace

$T_{DAVIS} = 66/62°$ $T_w = 59$

$T_{UNV} = 60/59°$ $T_D = 55$

PCNLTB = M

ΣPCNLTB = M

Thursday, July 3, 2008 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. N	Temp 72 °F	*ONN LOW 67		
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.78 in.			
Set 69 °F	Char. calm	Corr. 28.46 in.			
			0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 2/10 Ci	Clds.	Clds. Cu, 8/10 Ci
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. 3 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 74$

$T_{DAVIS} = 64|63$

$T_{UNV} = 60|60$

$T_W = 66$

$T_D = 64$

HDD = 0

CDD = 9

EHDD = 0

ECDD = 20

EPCNL = Trace

PCNLTB = M

EPCNLTB = M

Friday, July 4, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. W	Temp 76 °F			
Min. 64 * °F	Vel. 3 m.p.h.	Read. 28.79 in.			
Set 71 °F	Char. Light	Corr. 28.66 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 0/10 —	Clds. 7/10 Cu	Clds. 10/10 Cu
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx HZ	Wx HZ	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 4 mi.	Vis. 4 mi.	Vis. 7 mi.

$\bar{T}$ = 74

HDD = 0

CDD = 9

Σ HDD = 0

Σ CDD = 29

T_{DAMS} = 71/68

T_{UNV} = 71/64

T_W = 65

T_D = 62

ΣPCN_L = Trace

PCN_{TB} = M

ΣPCN_{TB} = M

Meteorological Observatory
Univeristy Park, PA

Saturday July 5, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. SW	Temp 74 °F			
Min. 70 °F	Vel. 4 m.p.h.	Read. 28.77 in.			
Set 75 °F	Char. light	Corr. 28.64 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. 7/10 SC	Clds.	Clds. 1/10 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 JAS	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 79$

HOD: 0

2 HOD: 0

COD: 14

ΣCOD: 43

ΣPCN_L: Trace

$T_{davis} = 75/69$

$T_{unv} = 75/64$

$T_w = 69$

$T_d = 66$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Sunday July 6, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. —	Temp 72 °F	* RA JUST EAST		
Min. 70 °F	Vel. — m.p.h.	Read. 28.82 in.			
Set 73 °F	Char. Calm	Corr. 28.70 in.	0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 5/10 Ac Sc Ci	Clds.	Clds. 9/10 As Ac Ns*
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	Wx H2	Wx	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 3 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T} = 78$ $T_{max} = 72/69$ $T_w = 69$

$HDD = 0$ $T_{min} = 72/63$ $T_d = 67$

$\Sigma HDD = 9$

$CDD = 13$

$\Sigma CDD = 56$

PCN_L = Trace

$DCN_{TB} = M$

$\Sigma PCN_{TB} = M$

MONDAY JULY 7 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 88 °F	Dir. SW	Temp 73 °F	-RA OCCNL RA OCCNL THUNDER & LTG 1800 - 1950 LT
Min. 65 °F	Vel. 3 m.p.h.	Read. 28.83 in.	* SOUTHWEST ... 4MI VIS EAST
Set 68 °F	Char. STEADY	Corr. 28.71 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	

	0700	1300	1900
Clds.	Clds. Ci 7/10 Ac	Clds. Cu 7/10 Sc	Clds. 9/10 Sc
Wx	Wx HZ	Wx HZ	Wx HZ
Vis.	Vis. 18 * mi.	Vis. 8 mi.	Vis. 15 mi.

$\bar{T} = 77$

HDD= 0

CDD = 12

ΣHDD= 0

ΣCDD = 68

SPCN$_L$ = 0.11

TDAVIS= 68/68

TNNV= 64/64

TM= 66

TD= 65

PCNTIB= M

SPCNTIB = M

Meteorological Observatory
Univeristy Park, PA

Tuesday, July 8, 2003

0700 EST

Temp.	Wind	Barom.
Max. 80 °F	Dir. WSW	Temp 73 °F
Min. 68 °F	Vel. 10 m.p.h.	Read. 28.88 in.
Set 73 °F	Char. Breezy	Corr. 28.75 in.
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.04 in.
Ppn. Liq. 0.82 in.	Prev. Dir. —	3 hr. Tend. ↗1.5 mb
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM

General Obs.

-SHRA 1215-1220LT
+SHRA 1220-1245LT
-SHRA 1245-1330LT

	0700	1300	1900
Clds.	10/10 Sc Cu	3/10 Cu	[illegible]
Wx	Hz	—	[illegible]
Vis.	17 mi.	25 mi.	20 mi.

$T = 74°$

$HDD = 0$

$CDD = 9$

$\Sigma HDD = 0$

$\Sigma CDD = 77$

$T_{Davis} = 73°$

$T_{UNW} = 72°$

$T_W = 68°$

$T_D = 66°$

$\Sigma PCNL = 0.93"$

$PCNLTB = 0.66"$

$\Sigma PCNLTB = M$

Meteorological Observatory
Univeristy Park, PA

Wednesday, July 9th 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. SW	Temp 72 °F	outflow ~845 LT -SHRA 0830-900 LT PK GUST 32 mph		
Min. 69 °F	Vel. 1 m.p.h.	Read. 28.72 in.	2305-0015 LT -RA 0610-0625 LT -RA 0645-0700 LT -RA		
Set 71 °F	Char. light	Corr. 28.60 in.	0700	1300	1900
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. 10/10 Sc	Clds. 10/10 Sc	Clds. Ci 6/10 Sc/Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /0.3 mb	Wx —	Wx —	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 23 mi.	Vis. 23 mi.	Vis. 23 mi.

$\bar{T} = 78$

HDD = 0

CDD = 13

ΣHDD = 0

ΣCDD = 90

ΣPCPL = 0.93"

$T_{DAVIS} = 70/67$ $T_W = 69$

$T_{DNV} = 68/64$ $T_D = 68$

PCNLTB = M

ΣPCNLTB = M

Meteorological Observatory
Univeristy Park, PA

Thursday, July 10th 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 76 °F	Dir. NE	Temp 72 °F	1115 - 1200 LT - RA 1305 - 1405 LT - RA 1445 - 1605 LT - RA 1605 - 1610 LT RA 1610 - 1620 LT +RA 1620 - 1630 LT RA 1630 - 1650 LT - RA
Min. 62 °F	Vel. 2 m.p.h.	Read. 28.76 in.	
Set 63 °F	Char. light	Corr. 28.64 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	
Ppn. Liq. 0.17 in.	Prev. Dir. —	3 hr. Tend. /0.8 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

	0700	1300	1900
Clds.	10/10 Sc	Clds.	Clds. 10/10 Ns
Wx	FG	Wx	Wx RA, FG
Vis.	20 mi.	Vis. mi.	Vis. 1 mi.

$\bar{T} = 69$

HDD = 0

CDD = 4

ΣHDD = 0

ΣCDD = 94

ΣPCNL = 1.10"

$T_{DAVIS} = 62/61$

$T_{DNV} = 60/59$

$T_W = 60$

$T_D = 58°$

PCNLTB = .16

ΣPCNLTB = M

Meteorological Observatory
Univeristy Park, PA

Friday July 11th 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 69 °F	Dir. S	Temp 72 °F	1335 - 1345 - RA 1540 - 1600 - RA 1740 - 130 - RA OCCL RA + RA T *RECORD PREAD - OLD = 0.86" 1938
Min. 62 °F	Vel. 2 m.p.h.	Read. 28.52 in.	
Set 68 °F	Char. light	Corr. 28.4 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.69 in.	
Ppn. Liq. 1.48* in.	Prev. Dir. —	3 hr. Tend. −0.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

	0700	1300	1900
Clds.	6/10 Cu	8/10 Cu	9/10 Cu
Wx	FG	—	—
Vis.	20 mi.	25 mi.	25 mi.

$\overline{T} = 66$

HDD = 0

CDD = 1

Σ HDD = 0

Σ CDD = 95

Σ PCNL = 2.57"

$T_{DAVIS} = 68/68$

$T_{UNV} = 68/66$

$T_W = 66$

$T_D = 65$

PCN LTB = M

Σ PCN LTB = M

Sat. July 12, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. W	Temp 70 °F			
Min. 62 °F	Vel. 9 m.p.h.	Read. 28.73 in.			
Set 65 °F	Char. gusty	Corr. 28.62 in.	0700	1300	1900
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. 5/10 Cu	Clds.	Clds. Ci 8/10 Cu AS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +0.9 mb	Wx —	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 71$

HDD = 0

CDD = 6

ΣHDD = 0

ΣCDD = 101

$T_{Davis} = 66/61$

$T_{Twr} = 66/57$

$T_w = 57$

$T_b = 52$

$\Sigma PCN_L = 2.57$"

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

SUNDAY JULY 13 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 74 °F			
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set 61 °F	Char. CALM	Corr. 28.93 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. CLEAR	Clds.	Clds. Ci 6/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+.5 mb	Wx —	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 67$

$HDD = 0$

$CDD = 2$

$\Sigma HDD = 0$

$\Sigma CDD = 103$

$\Sigma PCNL = 2.57"$

TDAVIS = 62/56

TMNV = 59/54

TW = 58

TD = 56

PCNTB = M

Σ PCNTB = M

MONDAY JULY 14 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 72 °F			
Min. 59 °F	Vel. 0 m.p.h.	Read. 29.05 in.			
Set 62 °F	Char. CALM	Corr. 28.93 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. 2/10 Ci	Clds. 9/10 Cu Sc	Clds. 2/10 Cu Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx ●	Wx	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.-M.	Vis. 25 mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{T}$ = 69

TDAVIS = 63/60

TW = 60

HDD = 0

TWAV =

TD = 59

CDD = 4

ΣHDD = 0

ΣCDD = 107

ΣPCNL = 2.57"

PCNTB = M

ΣPCNTB = M

Tuesday, July 15, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. S	Temp 72° °F	* OVNT Low 64		
Min. 68 °F	Vel. 3 m.p.h.	Read. 28.97 in.			
Set 67 °F	Char. Light	Corr. 28.84 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 10/10 Sc	Clds. 5/10 Cu	Clds. 7/10 Cu Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0.0 mb	Wx -Shra Dstnt. East	Wx HZ	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 10 mi.	Vis. 23 mi.	Vis. 17 mi.

$\bar{T} = 72°$

HDD = 0

CDD = 7

ΣHDD = 0

ΣCDD = 119

ΣPCML = 2.57"

$T_{Davis} = 66°$

$T_{UNV} = 64°$

$T_W = 63°$

$T_D = 61°$

PCMLTB = M

ΣPCMLTB = M

Wednesday, July 16th, 2008 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. W	Temp 72 °F	* DVN LOW 69 0030 - 0050 - RA 0105 - 0430 - RA OCCL RA, + RA, T		
Min. 67 * °F	Vel. 7 m.p.h.	Read. 28.71 in.			
Set 70 °F	Char. gusty	Corr. 28.59 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 5/10 Cu	Clds. 7/10 Cu	Clds. 3/10 Cu
Ppn. Liq. .22 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	Wx HZ	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 74$

HDD = 0

CDD = 9

ΣHDD = 0

ΣCDD = 123

$T_{DAVIS} = 71|70$

$T_{UNV} = 68|66$

$T_W = 67$

$T_D = 66$

ΣPCNL = 2.79"

PCNLTB = M

ΣPCNLTB = M

Thursday, July 17, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. W	Temp 72 °F			
Min. 57 °F	Vel. 5 m.p.h.	Read. 28.91 in.			
Set 61 °F	Char. gusty	Corr. 28.79 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 1/10 Cs	Clds.	Clds. 5/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /2.0 mb	Wx HZ	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SMH	Vis. 23 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$

$T_{davis} = 61/56$

$T_{min} = 59/51$

$T_w = 55$

$T_D = 51$

HDD = 0

CDD = 4

ΣHDD = 0

ΣCDD = 127

ΣPCNL = 2.80"

PCNLTB = M

ΣPCNLTB = M

Friday, July 18, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. W	Temp 72 °F	02:42 - 03:03 LT - RASH 06:00 - 06:18 LT - RASH * amt low 68
Min. 61 * °F	Vel. 2 m.p.h.	Read. 28.90 in.	
Set 68 °F	Char. Light	Corr. 28.78 in.	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	
Ppn. Liq. trace in.	Prev. Dir. —	3 hr. Tend. ↓ +0.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	1/10 Sc	9/10 Cu Ac,	8/10 Cu Ac,
Wx	—	—	—
Vis.	23 mi.	12 mi.	15 mi.

T = 72

HDD = 0

CDD = 7

ΣHDD = 0

ΣCDD = 134

T_{Davis} = 67/63

T_{Univ} = 64/61

T_W = 63

T_D = 60

ΣPCN_L = 2.80"

PCN_{TB} = M

ΣPCN_{TB} = M

Saturday, July 9, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. —	Temp 80 °F	10:45 - 11:20 LT -RASH 12:25 - 12:30 LT - RASH 13:55 - 14:15 LT - RASH 17:15 - 19:25 LT TS, -RA, RA, +RA
Min. 56 °F	Vel. — m.p.h.	Read. 28.92 in.	
Set 57 °F	Char. calm	Corr. 28.78 in.	
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	
Ppn. Liq. .65 in.	Prev. Dir. —	3 hr. Tend. ↑ +1.9 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	4/10 Cu, St	Clds.	2/10 Cu
Wx	FG	Wx	Wx
Vis.	1/4 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 67

HDD = 0

CDD = 2

ΣHDD = 0

ΣCDD = 136

ΣPCN_L = 3.45"

T_{TRAVIS} = 57/57

T_{UNIV} = 55/55

T_W = 51

T_D = 46

PCN_{TB} = M

ΣPCN_{TB} = M

Meteorological Observatory
Univeristy Park, PA

SUNDAY JULY 20 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 79 °F			
Min. 56 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set 58 °F	Char. CALM	Corr. 28.80 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. 2/10 Cs	Clds.	Clds. 8/10 Ci Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T = 67

HDD = 0

CDD = 2

ΣHDD = 0

ΣCDD = 138

ΣPCNL = 3.45"

TDAVIS = 59/56

TMNV = 57/54

TW = 56

TD = 55

PCNTB = M

ΣPCNTB = M

Meteorological Observatory
Univeristy Park, PA

MONDAY JULY 21, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. —	Temp 74 °F	* OVNT LOW 67
Min. * 58 °F	Vel. 0 m.p.h.	Read. 28.73 in.	
Set 69 °F	Char. CALM	Corr. 28.61 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	

0700	1300	1900
Clds. 10/10 AS	Clds. 10/10 Cu Ac Ci	Clds. 8/10 Cb Sc Ac
Wx H2	Wx H2	Wx Cb w/ Anvil SE
Vis. 13 mi.	Vis. 8 mi.	Vis. 20 mi.

$\bar{T} = 69$

HDD = 0

CDD = 4

$\Sigma_{HDD} = 0$

$\Sigma_{CDD} = 142$

$\Sigma_{PCNL} = 3.45^{-4}$

TDAVIS = 68/64

TUNV = 64/61

TH = 66

TD = 64

PCNTB = M

ZPCNTB = M

Meteorological Observatory
Univeristy Park, PA

Tuesday, July 22, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. Vari	Temp 74 °F	+TSRA 1545-1555LT PKGust 38
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.666 in.	+TSRA 1645 - 1650LT
Set 64 °F	Char. Calm	Corr. 28.53 in.	+TSRA 0130- 0225LT
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.82 in.	-RA 0225 - 0430LT
Ppn. Liq. 0.87 in.	Prev. Dir. —	3 hr. Tend. /0.5 mb	-SHRA 0515-0535LT
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BPM	

0700	1300	1900
Clds. 10/10 Sc	Clds. 10/10 Sc	Clds. 10/10 Sc
Wx Dense Valley FG E	Wx	Wx Fg E
Vis. 3 v 10 mi.	Vis. 3 mi.	Vis. 6 mi.

$T = 75°$

$HDD = 0$

$CDD = 10$

$\Sigma HDD = 0$

$\Sigma CDD = 152$

$T_{Davis} = 63°$

$T_{UNV} = 63°$

$T_w = 62°$

$T_D = 61°$

$\Sigma PCNL = 4.32"$

$PCNLTB = 0.68"$

$\Sigma PCNLTB = M$

Meteorological Observatory
Univeristy Park, PA

Wednesday, July 23rd 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. —	Temp 72 °F	12-1225-RA 1245-1410 -RA OCCL RA,T 1410-1500 -T 1500-1530 -RA OCCL RA, T 1820-1845 -RA OCCL -RA,RA,T 2330-145 -RA
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.64 in.	
Set 63 °F	Char. calm	Corr. 28.52 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	
Ppn. Liq. 0.32 in.	Prev. Dir. —	3 hr. Tend. 1.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

	0700	1300	1900
Clds.	8/10 Ac	Clds.	Clds. 10/10 S+
Wx	FG	Wx	Wx —
Vis.	4 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 67$

$T_{DAILY} = 63/63$

$T_{DNU} = 60/60$

$T_W = 61$

$T_D = 60$

HDD = 0
CDD = 2
ΣHDD = 0
ΣCDD = 154

ΣPCNL = 4.64"

PCNLTB = .27"
Σ PCNLTB = M

Meteorological Observatory
Univeristy Park, PA

Thursday, July 24th 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. W	Temp 72 °F	1930-1945 LT - RA		
Min. 63 °F	Vel. 5 m.p.h.	Read. 28.74 in.			
Set 64 °F	Char. gusty	Corr. 28.62 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. 10/10 Sc	Clds. 8/10 Cu/Sc	Clds. Cu, 7/10 Ci
Ppn. Liq. .08 in.	Prev. Dir. —	3 hr. Tend. /2.0 mb	Wx —	Wx —	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 23 mi.	Vis. 23 mi.	Vis. 25 mi.

$\bar{F} = 70$

$HDD = 0$

$CDD = 5$

$\Sigma HDD = 0$

$\Sigma CDD = 159$

$\Sigma PCNL = 4.72"$

$T_{DAVIS} = 62/61$

$T_{ONU} = 62/60$

$T_W = 61$

$T_D = 59$

$PCNLTB = .08$

$\Sigma PCNLTB = 11$

Friday, July 25, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. SW	Temp 72 °F	+SHRA 1300-1315 LT
Min. 59 °F	Vel. 3 m.p.h.	Read. 29.11 in.	
Set 62 °F	Char. Light	Corr. 28.99 in.	
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.33 in.	
Ppn. Liq. 0.18 in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	0/10 —	4/10 Cu	9/10 —
Wx	—	—	—
Vis.	25 mi.	25 mi.	25 mi.

$\bar{T} = 68$

$HDD = 0$

$CDD = 3$

$\Sigma HDD = 0$

$\Sigma CDD = 162$

$T_{DAVIS} = 63/61$

$T_{MW} = 60/59$

$T_W = 55$

$T_D = 50$

$\Sigma PCN_L = 4.90"$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Sat. July 26, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. —	Temp 72 °F			
Min. 61 °F	Vel. — m.p.h.	Read. 29.13 in.			
Set 63 °F	Char. calm	Corr. 29.01 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. Cu, 3/10 Ci	Clds.	Clds. 10/10 Ci
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx HZ	Wx	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 15 mi.	Vis. mi.	Vis. 18 mi.

$\bar{T}$ = 71

HDD = 0

CDD = 6

ΣHDD = 0

ΣCDD = 168

ΣPCN_L = 4.90"

T_{DAVIS} = 63/61

T_{NWS} = 59/57

T_W = 57

T_D = 53

PCN_{TB} = M

ΣPCN_{TB} = M

SUNDAY JULY 27 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. W	Temp 72 °F	* OVNT LOW - 72 -SHRA 1850-1900 LT SHRA 2200-2215 LT ** OCCNL LTG VIS NORTH
Min. * 63 °F	Vel. 8 m.p.h.	Read. 28.88 in.	
Set 75 °F	Char. STEADY	Corr. 28.76 in.	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. \- 1.5mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer M-M-M-	

	0700	1300	1900
Clds.	Ac As Cs 9/10	Clds.	Clds. 10/10 AS CS
Wx	Hz	Wx	Wx Breezy Hz, **
Vis.	14 mi.	Vis. mi.	Vis. 16 mi.

$\bar{T}$ = 74

HDD = 0

CDD = 9

ΣHDD = 0

ΣCDD = 177

ΣPCN_L = 4.90 "

T_{DAVG} = 74/69

T_{MNV} = 73/64

P_W = 70

T_D = 68

P_{CNTB} = M

ΣP_{CNTB} = M

MONDAY 28 JULY 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. N	Temp 72 °F	-TSRA 2015 - 2045 LT +TSRA 2045 - 2315 LT
Min. 67 °F	Vel. 3 m.p.h.	Read. 28.89 in.	
Set 67 °F	Char. STEADY	Corr. 28.77 in.	
R.H. 94 %	24 hr. Mov. — mi.	Sea L. in.	
Ppn. Liq. 0.51 in.	Prev. Dir. —	3 hr. Tend. / +1 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer M.W.M.	

0700	1300	1900
Clds. Sc, As 6/10 Ci contrails	Clds. Ac 5/10 Cu	Clds. 10/10 Sc
Wx Hz	Wx	Wx -Dz
Vis. 8 mi.	Vis. 16 mi.	Vis. 25 mi.

$\bar{T} = 76$

$HDD = 0$

$CDD = 11$

$\Sigma HDD = 0$

$\Sigma CDD = 188$

$\Sigma PCNL = 5.41"$

$TDAVIS = 68/66$

$TMNV = 66/61$

$TW = 66$

$TD = 65$

$PCNTB = 0.34"$

$\Sigma PCNTB = M$

Tuesday, July 29, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NE	Temp 71° °F	-Dz 1950-2005LT		
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.81 in.			
Set 61 °F	Char. Calm	Corr. 29.72 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. 3/10 Ci	Clds. 3/10 Cu	Clds. 1/10 Ci
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. / 1.5 mb	Wx Thin Fg E	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

HDD = 0
CDD = 3
ΣHDD = 0
ΣCDD = 191

$\bar{T} = 68°$

$T_{Davis} = 64°$
$T_{UNV} = 57°$

$T_W = 56°$
$T_D = 52°$

ΣPCNL = 5.41"

PCNLTB = M
ΣPCNLTB = M

Meteorological Observatory
Univeristy Park, PA

Wednesday July 30th 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. NW	Temp 71 °F			
Min. 58 °F	Vel. 3 m.p.h.	Read. 28.92 in.			
Set 61 °F	Char. light	Corr. 28.80 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. CLR	Clds.	Clds. 1/10 Cu/Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /2.0 mb	Wx FG	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 68°$

HDD = 0

CDD = 3

ΣHDD = 0

ΣCDD = 194

ΣPCNL = 5.41"

$T_{DAILY} = 61|59$ $T_w = 57$

$T_{UNV} = 57|57$ $T_o = 54$

PCNLTB = M

ΣPCNLTB = M

Thursday, July 31, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. E	Temp 72 °F			
Min. 61 °F	Vel. 2 m.p.h.	Read. 28.93 in.			
Set 64 °F	Char. light	Corr. 28.81 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. 6/10 Ci/Cu	Clds. 10/10 St	Clds. 10/10 St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. −0.0 mb	Wx HZ	Wx HZ	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 10 mi.	Vis. 20 mi.	Vis. 5 mi.

$\bar{T} = 74$

$T_{DAVIS} = 64/61$ $T_W = 66$

$T_{UNV} = 62/59$ $T_D = 58$

$4DD = 0$

$CDD = 9$

$\Sigma HDD = 0$

$\Sigma CDD = 203$

$\Sigma PCNL = 5.41"$

$\Sigma CNLTB = M$

$\Sigma PCNLTB = M$

JULY TEMPS	
$\bar{T}_{MAX}$ =	80.4
$\bar{T}_{MIN}$ =	62.2
$\bar{T}_{JUL}$ =	71.3