Friday, Aug 1, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. —	Temp 72 °F	* ovnt low 67 21:05-04:50 LT -RA, RA, +RA 05:00-06:00 LT -RA 06:25- obs LT -RA
Min. 64 * °F	Vel. — m.p.h.	Read. 28.86 in.	
Set 67 °F	Char. calm	Corr. 28.74 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	
Ppn. Liq. 1.13 in.	Prev. Dir. —	3 hr. Tend. -+.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	10/10 Ns	10/10 Ns, St	8/10 Cu, Ci
Wx	RA, HZ	-DZ HZ	HZ
Vis.	1/4 mi.	12 mi.	10 mi.

$\bar{T} = 69$

$HDD = 0$

$CDD = 4$

$\Sigma HDD = 0$

$\Sigma CDD = 4$

$\Sigma PCN_L = 1.13''$

$T_{Davis} = 67/67$

$T_{UW} = 64/64$

$T_W = 66.5$

$T_D = 66$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

Sat. Aug 2, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. —	Temp 72 °F	OBS-08:25 LT -RA 08:25-09:00 LT -DZ 12:50-13:10 LT -RA 13:55-15:30 LT -RA, RA
Min. 65 °F	Vel. — m.p.h.	Read. 28.87 in.	
Set 66 °F	Char. calm	Corr. 28.75 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	
Ppn. Liq. .08 in.	Prev. Dir. —	3 hr. Tend. ✓+.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	10/10 St	Clds.	Clds. 10/10 Ns Cu
Wx	FG	Wx	Wx + TSRA
Vis.	1/8 mi.	Vis. mi.	Vis. 1 mi.

$\bar{T} = 70$

$HDD = 0$

$CDD = 5$

$\Sigma HDD = 0$

$\Sigma CDD = 9$

$T_{Davis} = 65/65$

$T_{UNV} = 64/64$

$\bar{T}_w = 65.5$

$\bar{T}_D = 65$

$\Sigma PCN_L = 1.21"$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

SUNDAY AUGUST 3 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. —	Temp 79 °F	1945- 2115LT: +TSRA, FREQ LTG 2115-2245LT: THUNDER, OCCNL LTG; OCCNL RA, -RA 115-300LT: OCCNL -RA, RA *VIS 1 MI WEST		
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.91 in.			
Set 67 °F	Char. CALM	Corr. 28.77 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 4/10 St Cs	Clds.	Clds. 10/10 Sc As
Ppn. Liq. 2.06 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx FG, HZ	Wx	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer M-M-M.	Vis. 4* mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$ = 74

HDD = 0

CDD = 09

ΣHDD = 0

ΣCDD = 18

ΣPCNL = 3.27 "

TDAYS = 68/68

TMNV = 64/64

TW = 67

TD = 67

PCNTB = 1.91 "

ΣPCNTB = M

MONDAY AUGUST 3 2004 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 80 °F	* OVNT LOW ALSO 67 -RA 1545-1710 LT		
Min. * 67 °F	Vel. 0 m.p.h.	Read. 28.86 in.			
Set 68 °F	Char. CALM	Corr. 28.72 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. ST 10/10 AS Ci	Clds. Ci 8/10 Cu Cn	Clds. Ci 4/10 Cu Cn
Ppn. Liq. 0.23 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx Fg Hz	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	Vis. 4 mi.	Vis. 20 mi.	Vis. 15 mi.

$\bar{T}$ = 72

HDD = 0

CDD = 7

ΣHDD = 0

ΣCDD = 25

ΣPCNL = 3.50"

TDAVIS = 67/67

TMNV = 64/64

TW = 68

TD = 68

PCNTB = M

ΣPCNTB = M

TUESDAY AUGUST 5 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. —	Temp 73 °F	RA 0630 - 0645 LT OCCNL -RA 0645 LT - 0730 LT		
Min. 67 °F	Vel. 0 m.p.h.	Read. 28.78 in.			
Set 67 °F	Char. CALM	Corr. 28.66 in.			
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	0700	1300	1900
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Clds. 10/10 St	Clds. 9/10 St	Clds. 9/10 St
Ppn. Sol. — in.	Snow Depth — in.	Observer M. McM.	Wx Fg H2	Wx H2	Wx H2
			Vis. 3 mi.	Vis. 20 mi.	Vis. 12 mi.

$\bar{T}$ = 74

HDD = 0

CDD = 9

ΣHDD = 0

ΣCDD = 34

ΣPCNV = 3.52"

TDAVIS = 66/66

TNNV = 64/64

TW = 67

TD = 67

PCNTB = M

ΣPCNTB = M

WEDNESDAY 6 AUGUST 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. SW	Temp 73 °F	940 - 1130 LT - RA 1335 - 1345 LT - RA 1730 - 1920 LT T 1925 - 2000 LT - RA
Min. 67 °F	Vel. 2 m.p.h.	Read. 28.67 in.	
Set * 69 °F	Char. light	Corr. 28.54 in.	*OVNT low 68°
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 29.84 in.	
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	

0700	1300	1900
Clds. X	Clds.	Clds. 8/10 AS AC
Wx +FG	Wx	Wx HZ
Vis. 1/4 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 72$

HDD = 0

CDD = 7

ΣHDD = 0

ΣCDD = 41

ΣPCNL = 3.55"

$T_{davis} = 63|63$

$T_{UNV} = 60|60$

$T_W = 67$

$T_D = 66$

PCNTB = M

ΣPCNTB = M

Meteorological Observatory
Univeristy Park, PA

Thursday, August 7, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. SE	Temp 73 °F			
Min. 63 °F	Vel. 3 m.p.h.	Read. 28.71 in.			
Set 64 °F	Char. light	Corr. 28.58 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. X	Clds. 10/10 Cu	Clds. 10/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+2.0mb	Wx +FG	Wx HZ	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 1/4 mi.	Vis. 12 mi.	Vis. 7 mi.

$\bar{T} = 71$
HDD = 0
CDD = 6
ΣHDD = 0
ΣCDD = 47
ΣPCNL = 3.55"

$T_{davis} = 64|64$
$T_{UNV} = 60|60$

$T_W = 64$
$T_D = 64$

PCNTB = M
ΣPCNTB = M

Friday, Aug 8, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. —	Temp 71 °F	* ovnt low 67 20:52 - 21:07 LT - RASH 21:47 - 22:11 LT - RASH
Min. 64* °F	Vel. — m.p.h.	Read. 28.76in.	
Set 67 °F	Char. calm	Corr. 28.64in.	
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.94in.	
Ppn. Liq. trace in.	Prev. Dir.	3 hr. Tend. -/+1.0mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	

	0700	1300	1900
Clds.	10/10 St	10/10 St	Clds. 5C 10/10 As
Wx	+TZ	+TZ	Wx +TZ
Vis.	4 mi.	10 mi.	Vis. 3 mi.

$\bar{T} = 72$

$HDD = 0$

$CDD = 7$

$\Sigma HDD = 0$

$\Sigma CDD = 54$

$T_{DAVIS} = 606/606$

$T_{UNIV} = 604/604$

$T_W = 64$

$T_D = 63$

$PCN_{TB} = M$

$\Sigma PCN_{TB} = M$

$\Sigma PCN_L = 3.55"$

SATURDAY AUGUST 9 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 72 °F	*OVNT COW 67 -SHRA 2245LT-2255LT		
Min. 68* °F	Vel. 0 m.p.h.	Read. 28.85 in.			
Set 68 °F	Char. CALM	Corr. 28.73 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. 10/10 ST	Clds.	Clds. 10/10 NS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +.5 mb	Wx FG	Wx	Wx -RA
Ppn. Sol. — in.	Snow Depth — in.	Observer J.M.M.	Vis. 1.5 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T}$ = 74

HDD = 0

CDD = 9

ΣHDD = 0

ΣCDD = 68

ΣPCNL = 3.55"

TDAVIS = 67/67

TUNV = 64/64

TW = 68

TD = 68

PCNTB = M

ΣPCNTB = M

SUNDAY AUGUST 10 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. SW	Temp 72 °F	-RA 1530 - 1540 LT RA OCCNL +RA 1740 - 1840 LT OCCNL -RA 1840 - 2120 LT
Min. 66 °F	Vel. 2 m.p.h.	Read. 28.85 in.	
Set 67 °F	Char. STEADY	Corr. 28.73 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	
Ppn. Liq. 0.70 in.	Prev. Dir. —	3 hr. Tend. ✓+.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	

0700	1300	1900
Clds. St 10/10 Sc	Clds.	Clds. Cu 5/10 Sc
Wx Hz, Valley Fg S	Wx	Wx Hz
Vis. 8 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$ = 72

HDD = 0

CDD = 7

ΣHDD = 0

ΣCDD = 70

ΣPCPN = 4.25"

TDAVIS = 67/67

TUNV = 70/68

TW = 66

TD = 65

PCNTB = 0.63

ΣPCNTB = M

MONDAY AUGUST 11 2003 0700 EST

Meteorological Observ...
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. —	Temp 72 °F	* OVNT LOW 68 -RA 0545- OBS LT
Min. 67 * °F	Vel. 0 m.p.h.	Read. 28.81 in.	
Set 68 °F	Char. CALM	Corr. 28.69 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. ↓ +1.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer H.M.M.	

	0700	1300	1900
Clds.	10/10 NS	10/10 NS	10/10 Sc
Wx	-RA Fg	-RA	Fg
Vis.	1.5 mi.	3 mi.	5 mi.

T= 13

HDD= 0

CDD= 8

ΣHDD= 0

ΣCDD= 78

ΣPCNL= 4.31"

TDAVIS= 67/67

TMNV= 70/68

TW= 68

TD= 67

PCNTB= 0.05

ΣPCNTB= M

TUESDAY AUGUST 12 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. —	Temp 72 °F	-RA OBS-1110 LT RA OCCNL+RA 1110 - 1230 LT -RA 1230-1330 LT
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.91 in.	
Set 66 °F	Char. CALM	Corr. 28.79 in.	

	0700	1300	1900
R.H. 96 %	Clds. 10/10 St	Clds. 6/10 Cu	Clds. 9/10 Cu Ac Cs
Ppn. Liq. 0.74 in.	Wx Fg	Wx HB	Wx Hz
Ppn. Sol. — in.	Vis. 2 mi.	Vis. 15 mi.	Vis. 6 mi.

Snow Depth	Observer
— in.	M.M.M.

$\bar{T}$ = 69

HDD = 0

CDDs 4

Σ_{HDD} = 0

Σ_{CDD} = 82

$\Sigma PCNL$ = 5.05"

TDAVIS = 66/66

TNAV = 70/68

TW = 66

TD = 65

PCNTB = 0.08

$\Sigma PCNTB$ = M

Wednesday August 13, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. —	Temp 72 °F	* ovnt low 68°		
Min. * 66 °F	Vel. 0 m.p.h.	Read. 29.17 in.			
Set 69 °F	Char. calm	Corr. 29.05 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. X	Clds. 3/10 Cu	Clds. CLR
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx +FG	Wx HZ	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 1/4 mi.	Vis. 25 mi.	Vis. 23 mi.

$\bar{T} = 74$

HDD = 0

CDD = 9

Σ HDD = 0

Σ CDD = 91

Σ PCNL = 5.05"

$T_{DAVIS} = 68|68$

$T_{UNV} = 69|69$

$T_W = 68$

$T_D = 68$

PCNTB = M

Σ PCNTB = M

Meteorological Observatory
Univeristy Park, PA

Thursday, August 14, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp 72 °F			
Min. 68 °F	Vel. 0 m.p.h.	Read. 29.26 in.			
Set 70 °F	Char. calm	Corr. 29.14 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.46 in.	Clds. X	Clds.	Clds. CLR
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ⌐+1.0 mb	Wx FG	Wx	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 1/4 mi.	Vis. mi.	Vis. 3 mi.

$\bar{T} = 77$

HDD = 0
CDD = 12
ΣHDD = 0
ΣCDD = 103
ΣPCNL = 5.05"

$T_{davis} = 69|69$
$T_{UWJ} = 68|68$

$T_W = 70$
$T_D = 70$

PCNTB = M
ΣPCNTB = M

Meteorological Observatory
Univeristy Park, PA

Friday, August 15, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SW	Temp 71 °F			
Min. 68 °F	Vel. 2 m.p.h.	Read. 29.15 in.			
Set 69 °F	Char. light	Corr. 29.03 in.	0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. CLR	Clds. 7/10 Cu	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0.0mb	Wx HZ, FG	Wx HZ	Wx Mild
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 3 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 77.$

HDD = 0

CDD = 18

ΣHDD = 0

ΣCDD = 115.

ΣPCNL = 5.05"

$T_{davis} = 70|69$ $T_N = 67$

$T_{UNV} = 69|68$ $T_D = 66$

PCNTB = M

ΣPCNTB = M

Saturday, August 16, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. WSW	Temp 72 °F	★OVNT LOW 72
Min. 69★ °F	Vel. 4 m.p.h.	Read. 28.83 in.	
Set 73 °F	Char. light	Corr. 28.71 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 2997 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

	0700	1300	1900
Clds.	Clds. 10/10 Ci, Cs, Sc	Clds.	Clds. 10/10 Ns
Wx	Wx HZ	Wx	Wx -TSRA
Vis.	Vis. 3.5 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T}$: 78
HDD: 0
CDD: 13
ΣHDD: 0
ΣCDD: 128
ΣPCN_L: 5.05

T_{DAVIS}: 72/70
T_{UNV}: 75/69

T_W: 71
T_O: 70

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

SUNDAY AUGUST 17 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 83 °F	Dir. —	Temp 71 °F	-TSRA 1230-1300 LT +TSRA 1650-1710 LT w/.25" HAIL +TSRA OCCNL-TSRA 1910-2000 LT -RA 0150-0215 LT
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.77 in.	
Set 65 °F	Char. CALM	Corr. 28.65 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	
Ppn. Liq. 0.76" in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	
Ppn. Sol. T in. (HAIL)	Snow Depth — in.	Observer M.M.M	

0700	1300	1900
Clds. St, 6/10 Cc	Clds.	Clds. St 8/10 AC
Wx H$_2$, Valley Fg	Wx	Wx
Vis. 18 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$ = 74

HDD = 0

CDD = 9

ΣHDD = 0

ΣCDD = 137

ΣPCNL = 5.41"

TDAVIS = 66/65

TUNV = 70/65

TW = 64

TD = 63

PCNTB = 0.28"

ΣPCNTB = M

MONDAY AUGUST 18 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. N	Temp 71 °F	-SHRA 1445-1455 LT		
Min. 61 °F	Vel. 5 m.p.h.	Read. 28.95 in.			
Set 61 °F	Char. STEADY	Corr. 28.83 in.			
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1 mb	Clds. 5t 2/10 Sc Wx HZ	Clds. CU 8/10 Sc Wx	Clds. Ac 3/10 CU Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	Vis. 15 mi.	Vis. 24 mi.	Vis. 25 mi.

$\bar{T}$ = 70

HDD = 0

CDD = 5

ΣHDD = 0

ΣCDD = 147

ΣP_{CNL} = 5.41"

TDAVIS = 62/60

TMNV = 64/59

TW = 58

TD = 56

P_{CNTR} = M

ΣP_{CNTR} = M

Meteorological Observatory
Univeristy Park, PA

Tuesday, August 19, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. FNE	Temp 73 °F			
Min. 59 °F	Vel. 2 m.p.h.	Read. 29.09 in.			
Set 61 °F	Char. Light	Corr. 28.96 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 0/10 Clear	Clds. 5/10 Cu	Clds. CLR
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	Wx Valley FG	Wx	Wx
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer BPM	Vis. 7 mi.	Vis. 25 mi.	Vis. 25 mi.

$T = 68°$

HDD = 0

CDD = 3

ΣHDD = 0

ΣCDD = 145

$T_{Davis} = 62°$

$T_{UNV} = 61°$

$T_w = 58°$

$T_D = 56°$

ΣPCNL = 5.41"

PCNLTB = M

ΣPCNLTB = M

Wednesday, August 20th 2008 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. —	Temp 72 °F			
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.06 in.			
Set 62 °F	Char. calm	Corr. 28.94 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 1/10 Ci	Clds. 6/10 Cu	Clds. 1/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ^ 0.8 mb	Wx FG	Wx Hz	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer SMM	Vis. 3 mi.	Vis. 23 mi.	Vis. 23 mi.

$\bar{T} = 71$

HDD = 0

CDD = 6

ΣHDD = 0

ΣCDD = 451

ΣPCNL = 5.41"

$T_{DAVIS} = 64|62$

$T_{UNV} = 62|60$

$T_W = 59$

$T_D = 57$

PCNTB = M

ΣPCNTB = M

Thursday, August 21, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. —	Temp 72 °F	* ovnt low 67		
Min. * 62 °F	Vel. 0 m.p.h.	Read. 29.00in.			
Set 67 °F	Char. calm	Corr. 28.88in.	0700	1300	1900
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. X	Clds. 4/10 Cu, Cs	Clds. X
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /0.2 mb	Wx FG	Wx Hz	Wx Hz
Ppn. Sol. 0.00 in.	Snow Depth — in.	Observer SMM	Vis. 0.5 mi.	Vis. 5 mi.	Vis. 5 mi.

F=74

HDD=0

CDD=9

ΣHDD=0

ΣCDD=160

ΣPCNL=5.41"

T_{DAILS} = 66/66

T_{UNV} = 66/64

T_w = 66

T_D = 66

PCNTB=M

ΣPCNTB=M

Friday, August 22, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. WSW	Temp 72° °F	* Ovngt Low: 71°		
Min. 67* °F	Vel. 4 m.p.h.	Read. 28.76 in.			
Set 76 °F	Char. Steady	Corr. 28.GH in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 8/10 Ci, Cc Ac	Clds.	Clds. 10 Cc, Ci 10 Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \2.0 mb	Wx Hz	Wx	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 3 mi.	Vis. mi.	Vis. 18 mi.

$\bar{T} = 77°$

HDD = 0

CDD = 12

ΣHDD = 0

ΣCDD = 172

$T_{UNN} = 79°$

$T_{Davis} = 76°$

$T_w = 72°$

$T_D = 70°$

PCNLTB = M

ΣPCNLTB = M

ΣPCNL = 5.41"

Saturday, August 23, 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. 4 m.p.h.	Read. 28.88 in.			
Set 63 °F	Char. light	Corr. 28.76 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. M mi.	Sea L. 3008 in.	Clds. Clear	Clds.	Clds. CLEAR
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. +1.0 mb	Wx Cool	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 74

HDD: 0

CDD: 9

ΣHDD: 0

ΣCDD: 181

ΣPCN_L: 5.41

T_{DAVIS}: 63/57

T_{UNV}: 63/59

T_W: 60

T_O: 58

PCN_{TB}: M

ΣPCN_{TB}: M

SUNDAY AUGUST 24 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. —	Temp 76 °F			
Min. 53 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 54 °F	Char. CALM	Corr. 28.91 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. CLEAR	Clds.	Clds. 4/10 Ci Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 68$

$HDD = 0$

$CDD = 3$

$\Sigma HDD = 0$

$\Sigma CDD = 184$

$\Sigma PCNL = 5.41$

$TDAVIS = 54/49$

$TMNV = 57/52$

$TW = 50$

$TD = 47$

$PCNTB = M$

$\Sigma PCNTB = M$

MONDAY AUGUST 25 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. WSW	Temp 72 °F	* OVERNIGHT LOW: 62		
Min. 54 * °F	Vel. 5 m.p.h.	Read. 28.90 in.			
Set 64 °F	Char. STEADY	Corr. 28.78 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 2/10 Cs	Clds. 4/10 Ci Cu	Clds. 1/10 Cu Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx Hz	Wx Hz	Wx Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.	Vis. 20 mi.	Vis. 18 mi.	Vis. 15 mi.

$\bar{T}$ = 65

HDD = 0

CDD = 0

ΣHDD = 0

ΣCDD = 184

ΣPCNL = 5.41

TAVIS = 65/56

TMNV = 64/52

TW = 61

TD = 58

DCNTR = M

ΣPCNTR = M

Tuesday, August 26, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SW	Temp 72 °F	*Overnight Low = 66°		
Min. 64* °F	Vel. 1 m.p.h.	Read. 28.86 in.	0400 - 0445LT -TSRA		
Set 68 °F	Char. Light	Corr. 28.74 in.	0445 - 0BS LT Ocnl -RA,DZ		
			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 10/10 Sc,Cu	Clds. 10/10 Ns	Clds. 8/10 Ci 2c
Ppn. Liq. 0.19 in.	Prev. Dir. —	3 hr. Tend. —0.0 mb	Wx -Ra, Fg	Wx +RA, FG	Wx Fg, Hz
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 6 mi.	Vis. 1/4 mi.	Vis. 8 mi.

$\bar{T} = 75°$

HDD = 0

CDD = 10

ΣHDD = 0

ΣCDD = 194

$T_{Davis} = 68°$

$T_{UNV} = 70°$

$T_w = 65°$

$T_D = 68°$

PCNLTB = M

ΣPCNLTB = M

ΣPCNL = 5.60"

Wednesday, August 27, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SW	Temp 72 °F	*Overnight low: 70°		
Min. 68* °F	Vel. 2 m.p.h.	Read. 28.79 in.	OBS-0930LT -RA		
			1030-2015LT -SHRA, TSRA		
Set 70 °F	Char. Steady	Corr. 28.66 in.	0620-0630LT -SHRA ** Record(tied) 0.96" (1906)		
			0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 8/10 Sc, Cu Ac	Clds. 8/10 Cu, Sc	Clds. 9/10 Ac, Sc, Cu
Ppn. Liq. 1.00** in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	Wx Hz	Wx HZ	Wx HZ
Ppn. Sol. — in.	Snow Depth — in.	Observer BPM	Vis. 15 mi.	Vis. 15 mi.	Vis. 7 mi.

$\bar{T} = 72$

HDD = 0

CDD = 7

ΣHDD = 0

ΣCDD = 201

ΣPCNL = 6.60"

$T_{DAVIS} = 69°$

$T_{UNIV} = 73°$

$T_W = 66°$

$T_D = 64°$

PCNLTB = 0.67"

ΣPCNLTB = M

Thursday, Aug 28, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NNE	Temp 72 °F	10:30 - 10:45 LT + TSRA 10:45 - 11:15 LT - TSRA		
Min. 63 °F	Vel. 4 m.p.h.	Read. 28.97 in.			
Set 64 °F	Char. light	Corr. 28.85 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. Ci, 7/10 St	Clds.	Clds. 5/10 Ci
Ppn. Liq. .57 in.	Prev. Dir. —	3 hr. Tend. 41.5 mb	Wx HZ	Wx	Wx —
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 2 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 70$

$HDD = 0$

$CDD = 5$

$\Sigma HDD = 0$

$\Sigma CDD = 206$

$T_{DAVIS} = 64/64$

$T_{MNV} = 66/64$

$T_W = 61$

$T_D = 59$

$\Sigma PCN_L = 7.17''$

$PCN_{TB} = .49$

$\Sigma PCN_{TB} = M$

Fri, Aug. 29, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 72 °F			
Min. 63 °F	Vel. — m.p.h.	Read. 28.92 in.			
Set 72 °F	Char. Calm	Corr. 28.80 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. Cu, 10/10 St	Clds. Cu, 8/10 As	Clds. 10/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +0.0 mb	Wx HZ	Wx HZ	Wx TSRA
Ppn. Sol. — in.	Snow Depth — in.	Observer SGH	Vis. 2 mi.	Vis. 10 mi.	Vis. 4 mi.

$\bar{T} = 72$

$\Sigma HDD = 0$

$CDD = 7$

$\Sigma HDD = 0$

$\Sigma CDD = 213$

$T_{travis} = 72/71$ $T_w = 69$

$T_{warm} = 68/68$ $T_b = 68$

$PCN_{TB} = 0.0$

$\Sigma PCN_L = 7.17''$

$\Sigma PCN_{TB} = M$

SATURDAY AUGUST 30 2003   0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.
Max. 85 °F	Dir. —	Temp 72 °F
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.93 in.
Set 70 °F	Char. CALM	Corr. 28.81 in.
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.12 in.
Ppn. Liq. 1.53 * in.	Prev. Dir. —	3 hr. Tend. STEADY mb
Ppn. Sol. — in.	Snow Depth — in.	Observer M.M.M.

General Obs.

TSRA OCCNL +TSRA 1845 - 2015 LT
OCCNL -RA, RA 2015 - 2215 LT
TSRA OCCNL +TSRA 2215 - 2300 LT
+TSRA 2350 - 0045 LT
DZ, OCCNL -RA OR RA 0045 - OBS
*REC (RECT (OC) = 1.21", 1947)

	0700	1300	1900
Clds.	10/10 NS		5/10 SC
Wx	-RA, FG		—
Vis.	8 mi.	mi.	17 mi.

$\bar{T}$ = 77

HDD = 0

CDD = 12

ΣHDD = 0

ΣCDD = 225

ΣPCNL = 8.70"

TDWHS = 69/60

TMNV =

TW = 69

TD = 69

PCNTB = 1.39

ΣPCNTB = M

Sunday Aug 31, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. NNE	Temp 76 °F	0800 - 0945 RA OCNL -RA, +RA		
Min. 54 °F	Vel. 3 m.p.h.	Read. 29.16 in.	0945 - 1100 -RA		
Set 54 °F	Char. light	Corr. 29.03 in.	1145 - 1210 -RA RECORD AUGUST PRECIP. (old = 8.92", 1901)		
			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.33 in.	Clds. 10/10 Sc AC	Clds.	Clds. 10/10 CS AS
Ppn. Liq. 0.40 in.	Prev. Dir. —	3 hr. Tend. /1.0 mb	Wx Valley Fg	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer JAS	Vis. 3 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 65$

$T_{dans} = 54/54$

$T_{unu} =$

$T_w = 54$

$T_d = 54$

$HDD = 0$

$CDD = 0$

$\Sigma HDD = 0$

$\Sigma CDD = 225$

$\Sigma PCW_L = 9.10''$

AUGUST TEMPS.

$\bar{T}_{MAX} = 80.2°F$

$\bar{T}_{MIN} = 63.9°F$

$\bar{T}_{AVG} = 72.03°F$

$PCN_{TB} = 0.36$

$\Sigma PCW_{TB} = M$