Thursday, July 1, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. NE	Temp. 76 °F			
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.95 in.			
Set 63 °F	Char. Variable	Corr. 28.87 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. NA mi.	Sea L. 30.13 in.	Clds. 10/10	Clds.	Clds. 10/10 Sc
Ppn. Liq. Ø in.	Prev. Dir. NA	3 hr. Tend. +1.2 mb	Wx Grey 1 Bleak	Wx	Wx RW--
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Vis. 25 mi.	Vis. mi.	Vis. 15 mi.

$T = 63$

$T_W = 58$

$T_D = 54.5$

$T_{RAMOS} = 55/51$

$T_{WW} = 60/53$

$\bar{T} = 70$

$CDD = 5$

$\Sigma CDD = 5$

$\Sigma HDD = \emptyset$

$SPCN = \emptyset$

Friday July 2, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. E	Temp. 70 °F	BRIEF L- ~ 0850 LT RW-- ~ 1230 RW- 1900 - 2000 R- 0445 - 085 (0.27")		
Min. 62 °F	Vel. 8 m.p.h.	Read. 28.93 in.			
Set 62 °F	Char. steady	Corr. 28.71 in.	0700	1300	1900
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 10/10 -X	Clds.	Clds. 10/10 -X
Ppn. Liq. 0.28 in.	Prev. Dir. —	3 hr. Tend. -0.67 mb	Wx R-	Wx	Wx Scud ON ROGS
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 3 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T} = 66$ $T = 62$ $T_w = 61$ $T_D = 60.5$

CDD = 1

Σ CDD = 6

Σ HDD = 0

Σ PCN = 0.28"

$T_{RAMOS} = 52/52$ (RAMOS is still wrong)

$T_{NWS} = 62/59$

SATURDAY July 3, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 66 °F	Dir. –	Temp. 69 °F	R- OBS(2nd) - 1500 OCCL R ~ 1030 (storm total - 1.03")		
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.76 in.			
Set 64 °F	Char. CALM	Corr. 28.64 in.	OVERNIGHT LOW: 63		
R.H. 97 %	24 hr. Mov. – mi.	Sea L. 29.95 in.	0700 Clds. 10/10 - X	1300 Clds.	1900 Clds. 0/10
Ppn. Liq. 0.76 in.	Prev. Dir. –	3 hr. Tend. ~0.1V mb	Wx F	Wx	Wx H
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 1 1/2 mi.	Vis. mi.	Vis. 7 mi.

$\bar{T} = 64$ $T = 64$ $T_w = 63.5$ $T_D = 63$

HDD = 1

CDD = 0

Σ HDD = 1

Σ CDD = 6

Σ PCN = 1.04"

$T_{AAMOS} = 56/56$

$T_{UNV} = 64/63$

SUNDAY July 4, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. –	Temp. 70 °F	RW- 1445-1510 LT		
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.85 in.			
Set 67 °F	Char. CALM	Corr. 28.73 in.	OVERNIGHT LOW = 65		
			0700	1300	1900
R.H. 90 %	24 hr. Mov. – mi.	Sea L. 30.04 in.	Clds. 0/10 -X	Clds.	Clds. 4/10 Cu
Ppn. Liq. 0.04 in.	Prev. Dir. –	3 hr. Tend. +2.0 / mb	Wx F	Wx	Wx TCU S
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 4 mi.	Vis. mi.	Vis. 12 mi.

$\bar{T} = 72$ $T = 67$ $T_w = 65$ $T_o = 64$

CDD = 7

ΣCDD = 13

Σ HDD = 1

Σ PCN = 1.08"

$T_{Ramos} = 57/57$

$T_{UNV} = 68/67$

Monday July 5, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. —	Temp. 72 °F			
Min. 67 °F	Vel. 0 m.p.h.	Read. 28.91 in.			
Set 72 °F	Char. CALM	Corr. 28.78 in.	OVERNIGHT LOW = 68		
			0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 5/10 AC	Clds.	Clds. 0/10 -X
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.1 / mb	Wx F	Wx	Wx H
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 1 1/2 mi.	Vis. mi.	Vis. 3 mi.

$\bar{T}$ = 78 T = 72 T_W = 69.5 T_D = 68.5

CDD = 13

Σ CDD = 26

Σ HDD = 1

Σ PCN = 1.08"

T_{RAMS} = 65 / 64

T_{UNV} = 71 / 69

Tuesday July 6, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. S	Temp. 74 °F			
Min. 72 °F	Vel. 7 m.p.h.	Read. 28.87 in.			
Set 76 °F	Char. Gusts 15	Corr. 28.74 in.	OVERNIGHT LOW = 74		
			0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 0/10 - X	Clds.	Clds. 0/10
Ppn. 0 Liq. in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx H	Wx	Wx warm & muggy
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer DLD	Vis. 2 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 81$

$T = 76 \quad T_w = 71.5 \quad T_D = 69.5$

$CDD = 16$

$\sum CDD = 42$

$T_{UNV} = 75/71$

$\sum HDD = 1$

$\sum PCN = 1.08''$

Wed. July 7, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. —	Temp. 73 °F	FRNT LTG S ~ 2200 1st 90° day since 9/17/91 658 days - 4th longest streak ever here (over)		
Min. 72 °F	Vel. 0 m.p.h.	Read. 28.92 in.			
Set 74 °F	Char. CALM	Corr. 28.79 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 4/10 Cu	Clds.	Clds. 9/10 Cu
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.4 ✓ mb	Wx H	Wx	Wx H
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 6 mi.	Vis. mi.	Vis. 5 1/10 mi.

$\bar{T} = 82$ $T = 74$ $T_w = 70$ $T_D = 68$

CDD = 17

$T_{UNV} = 74 / 68$

Σ CDD = 59

Σ HDD = 1

Σ PCN = 1.08"

(obs cont)

between 90° days !

Thursday, July 8, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 90 °F	Dir. SSW	Temp. 73 °F	RW-- 1650-1705 LT		
Min. 70 °F	Vel. 6 m.p.h.	Read. 28.90 in.			
Set 73 °F	Char. Steady	Corr. 28.77 in.	0700	1300	1900
R.H. 57 %	24 hr. Mov. NA mi.	Sea L. 30.07 in.	Clds. 0/10	Clds.	Clds. 3/10 Ci
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +0.0 mb	Wx FH	Wx	Wx Warm & Muggy
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SGG	Vis. 4v.7 mi.	Vis. mi.	Vis. 12 mi.

$F = 80$ $T = 73$ $T_W = 63$ $T_D = 57$

$COD = 15$ $T_{UW} = 73/68$

$\Sigma COD = 74$

$\Sigma HOD = 1$

$\Sigma PDV = 1.08"$

Friday July 9, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. W	Temp. 74 °F			
Min. 69 °F	Vel. 5 m.p.h.	Read. 28.89 in.			
Set 73 °F	Char. LIGHT	Corr. 28.76 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 1/10 Ci	Clds.	Clds. 8/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.6 / mb	Wx Valley Fog E	Wx	Wx H+
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 12 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T} = 81$ $T = 73$ $T_w = 69$ $T_D = 66$

CDD = 16 $T_{UNV} = 74/67$

Σ CDD = 90

Σ HDD = 1

Σ PCN = 1.08"

Saturday July 10, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. SSW	Temp. 74 °F			
Min. 73 * °F	Vel. 5 m.p.h.	Read. 28.87 in.			
Set 77 °F	Char. Light	Corr. 28.74 in.	* - OVNT LOW: 75		
			0700	1300	1900
R.H. 71 %	24 hr. Mov. NA mi.	Sea L. 30.04 in.	Clds. 0/10	Clds.	Clds. 2 SUN 0/10 OOGS
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +0.5 mb	Wx H	Wx	Wx Ac NW
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SGG	Vis. 5 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$ = 82

CDD = 17

ΣCDD = 107

ΣHDD = 1

ΣPCN = 1.08"

T = 77

T_W = 70

T_0 = 67

T_{RANGE} = 73/66

T_{UNN} = 77/68

Sunday July 11, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 91 °F	Dir. W	Temp. 72 °F			
Min. 68 °F	Vel. 5 m.p.h.	Read. 28.84 in.			
Set 68 °F	Char. Light	Corr. 28.71 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. 0/10	Clds.	Clds. 4/10 Cu
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Ci W	Wx	Wx Humid
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 10 mi.	Vis. mi.	Vis. 12 mi.

$\bar{T}$ = 80 $\bar{T}$ = 68 T_W = 65 T_D = 63.5

CDD = 15

T_{UNV} = 70/64

Σ CDD = 122

Σ HDD = 1

Σ PCN = 1.08"

Monday July 12, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SSW	Temp. 72 °F	TRW 1530-1550 H (Brief TRW+)		
Min. * 68 °F	Vel. 7 m.p.h.	Read. 28.71 in.			
Set 71 °F	Char. Light	Corr. 28.58 in.	* OVNT LOW = 70		
R.H. 78 %	24 Hr. Mov. NA mi.	Sea L. 29.89 in.	0700	1300	1900
Ppn. Liq. .22 in.	Prev. Dir. NA	3 hr. Tend. +0.7 mb	Clds. 10/10	Clds.	Clds. 10/10
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Wx Fog in distance	Wx	Wx RW S
			Vis. 13 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 77$

$COD = 12$

$\Sigma COD = 134$

$\Sigma MOD = 1$

$\Sigma PUN = 1.30$

$T = 71$

$T_w = 66$

$T_o = 63.5$

$T_{RANGE} = 63/59$

$T_{WW} = 74/63$

Tuesday, July 13, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. W	Temp. 72 °F	Brief RW repeated ~ 1630 LT at Nittany Mall RW- 0130 - 0200 LT		
Min. 65 °F	Vel. 4 m.p.h.	Read. 28.87 in.			
Set 68 °F	Char. Light	Corr. 28.74 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. NA mi.	Sea L. 30.05 in.	Clds. 9/10	Clds.	Clds. 2/10 Ci
Ppn. Liq. 0.02 in.	Prev. Dir. NA	3 hr. Tend. +0.9 / mb	Wx Fog/Clds near Mtns.	Wx	Wx Superb!
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Vis. 2 mi.	Vis. mi.	Vis. 25 mi.

$T = 68$

$T_W = 65$

$T_D = 63.5$

$T_{RAMOS} = 60/60$

$T_{WW} = 68/64$

~~$T = 75$~~

$CDD = 10$

$\Sigma CDD = 144$

$\Sigma HDD = 1$

$\Sigma PCN = 1.32"$

Wednesday July 14, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp. 71 °F			
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.93 in.			
Set 65 °F	Char. CALM	Corr. 28.81 in.			
			0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. 3/10 Ci	Clds.	Clds. 10/10 -
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.3 / mb	Wx Valley Fog	Wx	Wx Humid!
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 10 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T} = 73$ $T = 65$ $T_W = 61$ $T_D = 58.5$

$CDD = 8$ $T_{UNV} = 65/59$

$\sum CDD = 152$

$\sum HDD = 1$

$\sum PCN = 1.32''$

Thursday, July 15, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 89 °F	Dir. NNW	Temp. 70 °F	TRW- 1640~1700 lt (Brief TRW; Gusts to 50 mph)
Min. * 65 °F	Vel. 9 m.p.h.	Read. 28.89 in.	
Set 69 °F	Char. Steady	Corr. 28.77 in.	* OVNT LOW = 69
R.H. 70 %	24 hr. Mov. NA mi.	Sea L. 30.07 in.	
Ppn. Liq. 0.41 in.	Prev. Dir. NA	3 hr. Tend. +1.2 mb	
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	

	0700	1300	1900
Clds.	8/10		4/10 ci
Wx	Drizzle		Wx Falls streaks
Vis.	15 mi.	mi.	30 mi.

$T = 69$ $\bar{T} = 77$

$T_W = 62.5$ $CDD = 12$

$T_b = 58.75$ $\Sigma CDD = 164$

$T_{RANGE} = 61/38$ $\Sigma HDD = 1$

$T_{WW} = 70/61$ $\Sigma PCN = 1.73$

Friday July 16, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. NW	Temp. 76 °F	1ST sub-60°F MIN since AM 6/27		
Min. 55 °F	Vel. 8 m.p.h.	Read. 28.90 in.			
Set 60 °F	Char. steady	Corr. 28.76 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.47 mb	Wx Clear & Cool	Wx	Wx Perfect!
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$ $T = 60$ $T_w = 55$ $T_o = 51.5$

CDD = 4

Σ CDD = 168

Σ HDD = 1

Σ PCN = 1.73"

Saturday, July 17, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. —	Temp 76 F			
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.91 in.			
Set 60 °F	Char. Calm	Corr. 28.77 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. NA mi.	Sea L. 30.10 in.	Clds. 7/10	Clds.	Clds. 5/10 Ci
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +1.5 mb	Wx Ch, Hy	Wx	Wx MARES TAILS
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SGG	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$

$COD = 4$

$\Sigma COD = 1073$

$\Sigma HDD = 1$

$\Sigma PCN_L = 1.73$ "

$T = 60$

$T_w = 55$

$T_o = 51$

$T_{uw} = 59/51$

$T_{RAMOS} = 51/48$

SUNDAY July 18, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. —	Temp. 76 °F	- CONTRAILS NE - HOT AIR BALLOON IN PENNS VALLEY
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.98 in.	
Set 58 °F	Char. CALM	Corr. 28.85 in.	
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.2 ⌜ mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	

	0700	1300	1900
Clds.	0/10	Clds.	Clds. 10/10
Wx	Ci W	Wx	Wx BINOC
Vis.	25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 68$

$T = 58$ $T_W = 50$ $T_D = 43$

$CDD = 3$

$T_{UNV} = 59/49$

$\Sigma\ CDD = 175$

$\Sigma\ HDD = 1$

$\Sigma\ PCN = 1.73"$

Monday, July 19, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. SW	Temp. 69 °F	RW-- 2210 LT RW-- obs
Min. 58 * °F	Vel. 8 m.p.h.	Read. 28.81 in.	* OVNT LOW: 72
Set 72 °F	Char. Steady	Corr. 28.69 in.	
R.H. 73 %	24 hr. Mov. NA mi.	Sea L. 29.98 in.	
Ppn. T Liq. in.	Prev. Dir. NA	3 hr. Tend. -0.2 ↘ mb	
Ppn. Ø Sol. in.	Snow Depth Ø in.	Observer SGG	

0700	1300	1900
Clds. 10/10	Clds.	Clds. 9/10 -X
Wx PCPN VRY LGT RW--	Wx	Wx F
Vis. 13 mi.	Vis. mi.	Vis. 2 mi.

$F = 72$

$CDD = 7$

$\Sigma CDD = 182$

$\Sigma HDD = 1$

$\Sigma PCN_L = 1.73"$

$T = 72$

$T_h = 66$

$T_b = 63$

$T_{LIN} = 79/61$

$T_{RANGE} = 58/57$

Tuesday July 20, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. NW	Temp. 69 °F	- Top of Mt. Nittany obscured @ 0835		
Min. 67 °F	Vel. 8 m.p.h.	Read. 28.74 in.	- RW- 0835 (19th). 1000 LT (0.04")		
Set 69 °F	Char. steady	Corr. 28.62 in.	- RW-- ~ 1400		
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	0700	1300	1900
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. +1.1 / mb	Clds. 5/10 Cu	Clds.	Clds. 0/10
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Wx	Wx	Wx Breezy & Mild
			Vis. 5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 71 T = 69 T_W = 65 T_D = 63

CDD = 6

Σ CDD = 188 T_{UNV} = 71/62

Σ HDD = 1

Σ PCN = 1.78"

Wednesday July 21, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. W	Temp. 68 °F			
Min. 59 °F	Vel. 5 m.p.h.	Read. 28.85 in.			
Set 61 °F	Char. Light	Corr. 28.74 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 1%10 As	Clds.	Clds. 8/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.4 / mb	Wx Cloudy & cool	Wx	Wx few Cu E
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 72$ $T = 61$ $T_W = 57$ $T_D = 54$

$CDD = 7$ $T_{UNU} = 63/55$

$\Sigma CDD = 195$

$\Sigma HDD = 1$

$\Sigma PCN = 1.78"$

Thursday July 22, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NW	Temp. 76 °F	- Dissipating Fog in Penns Valley @ 0835		
Min. 54 °F	Vel. 6 m.p.h.	Read. 28.92 in.			
Set 59 °F	Char. Light	Corr. 28.78 in.			
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Clds. 0/10	Clds.	Clds. 1/10 Cu
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Wx Clear & cool	Wx	Wx Ci W
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 67 T = 59 T_w = 52 T_D = 46

CDD = 2

T_{MM} = 60/49

Σ CDD = 197

Σ HDD = 1

Σ PCN = 1.78"

Friday, July 23, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. 5	Temp. 78 °F			
Min. 55 °F	Vel. 7 m.p.h.	Read. 28.92 in.			
Set 59 °F	Char. Steady	Corr. 28.78 in.	0700	1300	1900
R.H. 57 %	24 hr. Mov. NA mi.	Sea L. 30.10 in.	Clds. 2/10 Ci	Clds.	Clds. 4/10--Ci
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +0.2 mb	Wx Sunny / Breezy	Wx	Wx Very Thin Ci
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SG	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 67$

$CDD = 2$

$\Sigma CDD = 199$

$\Sigma HDD = 1$

$\Sigma PRN_2 = 1.78"$

$\bar{T} = 59$

$T_W = 52$

$T_D = 44$

$T_{UW} = 60/49$

$T_{RAMOS} = 51/45$

Saturday, July 24, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp. 76 °F			
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.96 in.			
Set 59 °F	Char. Calm	Corr. 28.82 in.	0700	1300	1900
R.H. 67 %	24 hr. Mov. NA mi.	Sea L. 30.15 ...	Clds. 0/10	Clds.	Clds. 5/10 --
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Trend. +0.8 — mb	Wx Thin Fog in valleys, Central Is	Wx	Wx Clouds Very thin
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JGG	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 66

CDD = 1

ΣCDD = 200

ΣHDD = 1

ΣPCN = 1.78"

T = 59

T_W = 53

T_O = 48

T_{UW} = 55/50 @ 1045Z

T_{RAMOS} = 51/47

Sunday, July 25, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. N	Temp. 70 °F			
Min. 57 °F	Vel. 5 m.p.h.	Read. 28.97 in.			
Set 62 °F	Char. Steady	Corr. 28.85 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. NA mi.	Sea L. 30.18 in.	Clds. 3/10 Cc	Clds.	Clds. 9/10 Cc
Ppn. Liq. 0 in.	Prev. Dir. NR	3 hr. Tend. +0.3 / mb	Wx Fog @ ridges/in valley	Wx	Wx H
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SGG	Vis. 15 mi.	Vis. mi.	Vis. 10x15 mi.

$F = 70$

$qpp = 5$

$\Sigma CDD = 205$

$\Sigma HDD = 1$

$\Sigma PCN_2 = 1.78"$

$T = 62$

$T_W = 56$

$T_O = 51.5$

$T_{UW} = 61/54$

$T_{RANGE} = 51/39$

Monday, July 26, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 90 °F	Dir. S	Temp. 71 °F	- Extreme Haze -RW- 2330 - 0200 LT
Min. * 62 °F	Vel. 5 m.p.h.	Read. 28.91 in.	
Set 72 °F	Char. Steady	Corr. 28.9 in.	* OVNT LOW = 70

0700	1300	1900
Clds. 10/10	Clds.	Clds. 10/10
Wx H++	Wx	Wx Gloomy H — J
Vis. 2v.4 mi.	Vis. mi.	Vis. 4 mi.

R.H.	24 hr. Mov.	Sea L.
86 %	NA mi.	30.9 in.
Ppn. Liq. 0.02 in.	Prev. Dir. NA	3 hr. Tend. Ø mb
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG

$\bar{T} = 76$

$CDD = 11$

$\Sigma CDD = 216$

$\Sigma HDD = 1$

$\Sigma PCN_2 = 1.80"$

$T = 72$

$T_W = 69$

$T_D = 67.5$

$T_{WW} = 71/65$

$T_{RAMOS} = 50/50$

Tuesday July 27, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. SW	Temp. 70 °F	T ~1150 LT RW- 1345-1430 LT (0.02") TRW- occl TRW 1700 - 1710 (0.14")		
Min. 66 °F	Vel. 8 m.p.h.	Read. 28.75 in.			
Set 68 °F	Char. steady	Corr. 28.63 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. 0/10	Clds.	Clds. 1/10
Ppn. Liq. 0.16 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Wx H	Wx	Wx Dsipting Cu
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 3V.5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 71$ $T = 68$ $T_W = 66$ $T_D = 65$

CDD = 6

HDD = 0

$T_{WW} = 71 / 66$

$\sum$ CDD = 222

$\sum$ HDD = 1

$\sum$ PCN = 1.96"

Wednesday July 28, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. W	Temp. 70 °F			
Min. 64 °F	Vel. 5 m.p.h.	Read. 28.78 in.			
Set 68 °F	Char. Light	Corr. 28.66 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 2/10 Ci	Clds.	Clds. 9/10 Cu
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.2 / mb	Wx Valley Fog E	Wx	Wx TRW N. w/ LTG
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 76$ $T = 68$ $T_w = 62$ $T_D = 58\frac{1}{2}$

CDD = 11

$T_{MAX} = 71/60$

Σ CDD = 233

Σ HDD = 1

Σ PCN = 1.96"

Thursday, July 29, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 93 °F	Dir. ~SW	Temp. 76 °F	Intmt RW through night (2000 → morning) Storm stalled to N. ⇒ FBT LTG 2000 → 0115 lt (OVER)		
Min. 64 °F	Vel. 10 m.p.h.	Read. 28.79 in.			
Set 65 °F	Char. Steady	Corr. 28.65 in.	0700	1300	1900
R.H. 95 %	24 hr. Mov. NA mi.	Sea L. 29.95 in.	Clds. 7/10	Clds.	Clds. 2/10 Cu
Ppn. Liq. 1.02 in.	Prev. Dir. NA	3 hr. Tend. -0.2 mb	Wx Very Low Clouds	Wx	Wx Mdt Cu N
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SGS	Vis. 1½ mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 79$

CDD = 14

[redacted]

$\Sigma CDD = 247$

$\Sigma HDD = 1$

$SPCN_L = 2.98"$

$T = 65$

$T_W = 64$

$T_D = 63.5$

$T_{MN} = 66/63$

$T_{RAMOS} = 43/43$

2005 Wind Gust 40 MPH

2230-2300 TRW+

Wind 30G46

POWER SURGES

WATER ON ATHERTON ST.

TO HOODS OF CARS.

Friday July 30, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. W	Temp. 78 °F	Few RW-- 0000 - 0200 LT		
Min. 62 °F	Vel. 12 m.p.h.	Read. 28.65 in.			
Set 64 °F	Char. Gusts 18	Corr. 28.51 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.81 in.	Clds. 10/10 Sc	Clds.	Clds. 10/10 Sc
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.3 ✓ mb	Wx BINOVC	Wx	Wx Ocnl RW--
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 72$ $T = 64$ $T_w = 59$ $T_D = 56$

CDD = 7

Σ CDD = 254

Σ HDD = 1

Σ PCN = 2.98"

$T_{UNV} = 65/55$

Saturday, July 31, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. W	Temp. 78 °F	OCNL RW-- AFTERNOON 30th		
Min. 64 °F	Vel. 6 m.p.h.	Read. 28.83 in.			
Set 65 °F	Char. Variable	Corr. 28.79 in.			
R.H. 77 %	24 hr. Mov. NA mi.	Sea L. 30.11 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +1.5 / mb	Clds. 10/10 SC	Clds.	Clds. 10/10 ST
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Wx BINOVC	Wx	Wx BINOVC E
			Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$
$CDD = 4$
$\Sigma CDD = 258$
$\Sigma HDD = 1$
$\Sigma PCN_L = 2.78"$

$T = 65$
$T_W = 61$
$T_D = 58$
$T_{RAMS} = 41/41$
$T_{MW} = 64/57$ (@ 11Z)