Tuesday June 1, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. SW v. NW	Temp. 68 °F	AW- obs (31st) - 1300 LT
Min. 47 °F	Vel. 7 m.p.h.	Read. 28.61 in.	TRW 1545 - 1615 Sky quite dark
Set 50 °F	Char. Light	Corr. 28.50 in.	FROPA 1800
R.H. 68 %	24 hr. Mov. NA mi.	Sea L. 29.84 in.	Tornado near Marengo - 1600
Ppn. Liq. 0.45 in.	Prev. Dir. NA	3 hr. Tend. +0.8 ↓ mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	

0700	1300	1900
Clds. 3/10 Cu	Clds.	Clds. 1/10 Few Cu
Wx Heavier Cu on rdgs	Wx	Wx Breezy, Cool; 55°
Vis. 20 mi.	Vis. mi.	Vis. 30 mi.

$\bar{T}$ = 56

HDD = 9

Σ HDD = 9

Σ CDD = 0

Σ PCN$_L$ = 0.45"

T_{roof} = 49 T_w = 44 T_D = 39

$\bar{T}_{DRAmos}$ = 38

$\bar{T}_{OUNV}$ = 39

Wed. June 2, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. SW	Temp. 72 °F	1° shy of record low A very gray & chilly June morning
Min. 39 °F	Vel. 6 m.p.h.	Read. 28.77 in.	
Set 45 °F	Char. Light	Corr. 28.64 in.	
R.H. 70 %	24 hr. Mov. NA mi.	Sea L. 30.00 in.	
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +0.2 r mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	

0700	1300	1900
Clds. 10/10 Sc	Clds.	Clds. 10/10 St
Wx Thn spts in OVC	Wx	Wx Windy, 53°, Dark NC
Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 50$

HDD = 15

Σ HDD = 24

Σ CDD = 0

Σ PCN$_L$ = 0.45"

$T_{roof} = 44$ $T_w = 40$ $T_D = 35$

$T_{DRAMOS} = 34$

$T_{DUNU} = 35$

Thurs. June 3, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. SW	Temp. 68 °F	22° Halo 1530 LT RW-- 1900 LT @ OBS Fog along base of Tussey Ridge and Penns Valley		
Min. 45 °F	Vel. 4 m.p.h.	Read. 28.72 in.			
Set 49 °F	Char. Light	Corr. 28.60 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. NA mi.	Sea L. 29.95 in.	Clds. 9/10 AC	Clds.	Clds. 10/10 AS
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +0.7 F mb	Wx Hazy	Wx	Wx Bkn ovc E
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 55$ $T_{roof} = 48$ $T_w = 45$ $T_D = 42$

HDD = 10

$T_{DRAMOS} = 42$

$\sum$ HDD = 34

$T_{DVNU} = 42$

$\sum$ CDD = 0

$\sum$ PCN$_L$ = 0.45"

Friday June 4, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. NE	Temp. 70 °F	RW- 0300 TO ~0430 LT		
Min. 49 °F	Vel. 5 m.p.h.	Read. 28.70 in.			
Set 52 °F	Char. Light	Corr. 28.58 in.	OVERNIGHT LOW = 52		
			0700	1300	1900
R.H. 80 %	24 hr. Mov. NA mi.	Sea L. 29.92 in.	Clds. 10/10 AC	Clds.	Clds. 10/10 A/Cu
Ppn. .09 Liq. in.	Prev. Dir. NA	3 hr. Tend. +1.4 ↑ mb	Wx SCUD ON RIDGES	Wx	Wx BRIGHT SPOTS IN OVC
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer DLD	Vis. 12 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 60 T_{roof} = 51 T_W = 48 T_D = 45

HDD = 5

Σ HDD = 39 T_{DRAMOS} = 44

Σ CDD = 0 T_{DUNV} = 43

Σ PCN$_L$ = 0.54"

SAT. JUN 5, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. SE	Temp. 70 °F	RW- ~0545 - 0630 LT CLOUD BASE ON TUSSEY RIDGE IN FEW SPOTS
Min. 52* °F	Vel. 3 m.p.h.	Read. 28.63 in.	*OVRNT LO = 56
Set 56 °F	Char. light	Corr. 28.51 in.	
R.H. 77 %	24 hr. Mov. NA mi.	Sea L. 29.83 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. NA	3 hr. Tend. -+.5 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10 STR.	Clds.	Clds. 10/10 V
Wx OVC	Wx	Wx WINDY + COOL (POST FRONTAL)
Vis. 10 V 15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 60$ $T_{max} = 55$ $T_w = 51$ $T_d = 48$

$T_{d\,max} = 47$

$T_{d\,min} = 47$

$H_{DD} = 5$

$\Sigma_{HDD} = 44$

$\Sigma_{CDD} = 0$

$\Sigma_{pcp} = 0.56''$

SUN. JUN 6, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. WNW	Temp. 69 °F	OCNL L-, RW- 0900 - 1200 LT; 1700 - 1800 LT; GUSTS TO ~ 40 MPH 1600 LT; LENTICULAR CLOUDS OVR PENNS VALLEY		
Min. 50 °F	Vel. 10 m.p.h.	Read. 28.88 in.			
Set 52 °F	Char. G TO 15	Corr. 28.76 in.	0700	1300	1900
R.H. 63 %	24 hr. Mov. NA mi.	Sea L. 30.11 in.	Clds. 5/10 cu+ Acu	Clds.	Clds. 3/10 ci
Ppn. Liq. 0.01 in.	Prev. Dir. NA	3 hr. Tend. /+1.5 mb	Wx BRIGHT + BREEZY	Wx	Wx SUNNY, TRANSLUC.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 30 mi.	Vis. mi.	Vis. 35 mi.

$\bar{T} = 59$ $T_{max} = 51$ $T_w = 45$ $T_d = 39$

$T_{d\,range} = 39$

$T_{d\,min} = 40$

$H_{DD} = 6$

$\varepsilon_{HDD} = 50$

$\varepsilon_{CDD} = 0$

$\varepsilon_{PCN} = 0.57''$

MON. JUNE 7, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. SSE	Temp. 74 °F	BRIEF RW- ~0715 LT FOLLOWED BY RW-- THRU OBS (AT OBS JUST A FEW DROPS)		
Min. 50 °F	Vel. 4 m.p.h.	Read. 28.95 in.			
Set 54 °F	Char. LIGHT	Corr. 28.82 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. NA mi.	Sea L. 30.16 in.	Clds. 10/10 BINOVC	Clds. 10	Clds. 10/10 Alto str.
Ppn. T Liq. in.	Prev. Dir. NA	3 hr. Tend. -/+1.0 mb	Wx RW---	Wx	Wx BINOVC NE
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 61$ $T_{max} = 54$ $T_w = 49.5$ $T_d = 45.5$

$T_{d\,RANGE} = 44$

$T_{d\,MN} =$

$H_{DD} = 4$

$\Sigma_{HDD} = 54$

$\Sigma_{CDD} = 0$

$\Sigma_{RN} = 0.57$ "

Tues. June 8, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp. 70 °F	RW- 0930-1000 LT (0.02")		
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.80 in.	RW- 2200-0000 LT		
Set 59 °F	Char. CALM	Corr. 28.68 in.	PRES. FALL 2.5mb - 2300		
			OVERNIGHT LOW: 58 OVER		
R.H. 84 %	24 hr. Mov. NA mi.	Sea L. 30.01 in.	0700	1300	1900
Ppn. Liq. 0.25 in.	Prev. Dir. NA	3 hr. Tend. +0.2 * mb	Clds. 10/10 St	Clds.	Clds. 10/10 Sc
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Wx FOG	Wx	Wx Valley & Ridge tops FOG
			Vis. 2 mi.	Vis. mi.	Vis. 3E 10SW mi.

$\bar{T} = 64$

$T_{roof} = 59$ $T_w = 56$ $T_D = 54$

$T_{DRAMOS} = 53$

$T_{DUNV} = 53$

HDD = 1

Σ HDD = 55

Σ CDD = 0

Σ PCN = 0.82"

OBS. CONT.

RW + 0200 - 0300

@ 1200 (OBS)

PRESSURE UNSTEADY

TOP OF MT. NITTANY VISIBLE

Wednesday June 9, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp. 71 °F	OVERNIGHT LOW = 60 TRW - 1715 - 1935 (0.26") TRW - 2200 - 0000 FQNT LTG ALL QUADS		
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.73 in.			
Set 63 °F	Char. CALM	Corr. 28.60 in.			OVER →
R.H. 87 %	24 hr. Mov. NA mi.	Sea L. 29.91 in.	0700	1300	1900
Ppn. Liq. 0.68 in.	Prev. Dir. NA	3 hr. Tend. +0.5 / mb	Clds. 0/10 Wx Haze	Clds. Wx	Clds. 4/10 AC Wx Cb SE
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 7 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$ = 65

HDD = 0

CDD = 0

Σ HDD = 55

Σ CDD = 0

Σ PCN = 1.50"

T_{roof} = 63

T_w = 60.5

T_D = 59

T_{Daamos} = 59

T_{DUNV} = 59

OBS CONT

TRW OCCL TRW +

0130 - 0300

FQNT LTG IN

VICINITY OF WX STAT.

Pea sized hail 0230

PRS JMP 1.9 mb 1730

" 2.1 mb 2200

" 2.1 mb 0130

Thursday June 10, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SW	Temp. 71 °F	OVERNIGHT LOW = 65 TRW 1220-1320 sky quite dark		
Min. 63 °F	Vel. 12 m.p.h.	Read. 28.76 in.	PRS JMP 2.2 mb 1245		
Set 68 °F	Char. Steady	Corr. 28.64 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. NA mi.	Sea L. 29.95 in.	Clds. 5/10 Cu	Clds.	Clds. 4/10 Ac
Ppn. Liq. 0.24 in.	Prev. Dir. NA	3 hr. Tend. +1.3 / mb	Wx Hazy E	Wx	Wx Ac Deck SW
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 72$ $T_{roof} = 65$ $T_w = 59$ $T_o = 55$

$CDD = 7$

$\sum CDD = 7$ $T_{DRAMOS} = 57$

$\sum HDD = 55$ $T_{OUNU} = 58$

$\sum PCN = 1.74"$

Friday June 11, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. NW	Temp. 71 °F			
Min. 64 °F	Vel. 5 m.p.h.	Read. 28.86 in.			
Set 65 °F	Char. Light	Corr. 28.74 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. NA mi.	Sea L. 30.05 in.	Clds. 9/10	Clds.	Clds. 3/10 --
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +1.6 / mb	Wx Ac SW-NE	Wx	Wx Thin Ci
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 73$ $T_{roof} = 62$ $T_w = 56$ $T_D = 52$

CDD = 8

$\sum$ CDD = 15

$\sum$ HDD = 55

$\sum$ PCN = 1.74"

$T_{D\ RAMOS} = 54$

$T_{DUNV} = 55$

Saturday, June 12, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. NE	Temp. 75 °F			
Min. 54 °F	Vel. 5 m.p.h.	Read. 29.10 in.			
Set 59 °F	Char. Steady	Corr. 28.96 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. NA mi.	Sea L. 30.31 in.	Clds. 8/10 --	Clds.	Clds. 0/10
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +1.2 / mb	Wx Very thin Ci	Wx	Wx Crystal Clear
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SGG	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 68$

$CDD = 3$

$\Sigma CDD = 18$

$\Sigma HDD = 55$

$\Sigma PON_L = 1.74"$

$T_{ROOF} = 59$

$T_W = 54$

$T_D = 50$

$T_{D\ AVG} = 47$

$T_{D\ MIN} = 46$

Sunday, June 13, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. -	Temp. 75 °F	Fog ab base of mtns.		
Min. 55 °F	Vel. Ø m.p.h.	Read. 29.11 in.			
Set 58 °F	Char. Calm	Corr. 28.97 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. NA mi.	Sea L. 30.32 in.	Clds. 0/10	Clds.	Clds. 9/10
Ppn. Liq. Ø in.	Prev. Dir. NA	3 hr. Tend. +0.8 mb	Wx Clear & Calm	Wx	Wx Clear & Calm
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 64$

$CDD = 2$

$\Sigma CDD = 19$

$\Sigma HDD = 55$

$\Sigma PCN_L = 1.74"$

$T_{ROOF} = 62$

$T_W = 57$

$T_D = 53.5$

$T_{DRAINS} = 50$

$T_{DOWN} = 51$

Monday, June 14, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp. 75 °F			
Min. 52 °F	Vel. Ø m.p.h.	Read. 29.06 in.			
Set 58 °F	Char. Calm	Corr. 28.92 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. NA mi.	Sea L. 30.26 in.	Clds. 9/10	Clds.	Clds. 1/10
Ppn. Ø Liq. in.	Prev. Dir. NA	3 hr. Tend. +0.3 ~ mb	Wx F@ base of obs.	Wx	Wx Few Ci
Ppn. Ø Sol. in.	Snow Depth Ø in.	Observer SGG	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 66$

$CDD = 1$

$\Sigma CDD = 20$

$\Sigma HDD = 55$

$\Sigma PCN_h = 1.74"$

$T_{ROOF} = 62$

$T_W = 56$

$T_D = [redacted] 51.5$

$T_{D\,RAINS} = 46$

$T_{DWN} = 48$

Tuesday June 15, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp. 69 °F	RW- 0740- 035 OVER NIGHT LO = 62		
Min. 58 °F	Vel. 8 m.p.h.	Read. 28.80 in.			
Set 63 °F	Char. Steady	Corr. 28.68 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. NA mi.	Sea L. 30.00 in.	Clds. 10/10 SC	Clds.	Clds. 1/10 Ci
Ppn. Liq. 0.01 in.	Prev. Dir. NA	3 hr. Tend. +0.87 mb	Wx RW--	Wx	Wx CONTRAILS
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69$

$CDD = 4$

$\Sigma CDD = 24$

$\Sigma HDD = 55$

$\Sigma PCN = 1.75''$

$T_w = 58$ $T_o = 55$ (Taken from set T)

$T_{roof} = 61$

$T_{ORAMOS} = 58$ (RAMOS TEMP. is erroneous)

$T_{DUNV} = 52$

Wed. June 16, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. –	Temp. 74 °F	RW-- 0905 LT COLD FROPA ~ 1700 FOG IN PENNS VALLEY AT OBS		
Min. 51 °F	Vel. 0 m.p.h.	Read. 29.02 in.			
Set 57 °F	Char. CALM	Corr. 28.89 in.			
R.H. 67 %	24 hr. Mov. – mi.	Sea L. 30.24 in.	0700	1300	1900
Ppn. T Liq. in.	Prev. Dir. –	3 hr. Tend. +1.8 mb	Clds. 0/10	Clds.	Clds. 3/10 --
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer DLD	Wx Distant Ci SW	Wx	Wx very Thin Ci
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 66$

$CDD = 1$

$\Sigma CDD = 25$

$\Sigma HDD = 55$

$\Sigma PCN = 1.75"$

$T_w = 51$ $T_D = 46$

$T_{roof} = 55$

$T_{DRAMOS} = 48$

$T_{DUNV} = 48$

Thursday, June 17, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NE	Temp. 70 °F			
Min. 54 °F	Vel. 7 m.p.h.	Read. 29.13 in.			
Set 60 °F	Char. Steady	Corr. 29.21 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. NA mi.	Sea L. 30.35 in.	Clds. 9/10	Clds.	Clds. 3/10 Ci
Ppn. Liq. Ø in.	Prev. Dir. NA	3 hr. Tend. +2.0 mb	Wx Fog at base of Nb	Wx	Wx Cirrus Deck W
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 67$

$HDD = 0$

$CDD = 2$

$\Sigma HDD = 55$

$\Sigma CDD = 27$

$\Sigma PCN_L = 1.75$"

$T = 60$

$T_W =$

$T_D =$

$T_{D_{RAMOS}} = 49$ (Broken)

$T_{D_{WW}} = 50$

Fri June 18, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. —	Temp. 70 °F			
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.02 in.			
Set 64 °F	Char. CALM	Corr. 28.90 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 0/10	Clds.	Clds. X- 10/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.3 ↓ mb	Wx Haze & Fog	Wx	Wx H (very Hazy)
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 4 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T} = 73$

CDD = 8

Σ CDD = 35

Σ HDD = 55

Σ PCN = 1.75"

$T_w = 60$ $T_D = 57.5$ (From set T)

$T_{roof} = 61$

$T_{DRAMOS} = 56$

$T_{DUNV} = 56$

Saturday, June 19, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. SSW	Temp. 71 °F	LTG/T (NW) - 1835 lt RW - 2055 - 2140 lt T 2123 lt *OVNT LOW = 67		
Min. 64* °F	Vel. 3 m.p.h.	Read. 28.96 in.			
Set. 71 °F	Char. Very Light	Corr. 28.84 in.			
			0700	1300	1900
R.H. 81 %	24 hr. Mov. NA mi.	Sea L. 30.15 in.	Clds. 2/10 - Ci 3/10 - X	Clds.	Clds. 9/10 Ac
Ppn. Liq. .01 in.	Prev. Dir. NA	3 hr. Tend. +0.8 ~ mb	Wx H	Wx	Wx RWu SW
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Vis. 2v.4 mi.	Vis. mi.	Vis. 10 4 SW mi.

$\bar{T} = 77$

$CDD = 12$

$\Sigma CDD = 47$

$\Sigma HDD = 55$

$\Sigma PCP = 1.76"$

$T = 71$

$T_W = 67$

$T_D = 65$

$T_{DRAINS} = 61$

$T_{DWW} = 62$

Sunday June 20, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. –	Temp. 71 °F	TRW -- 1300 LT LTG NE ~ 2200		
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set 68 °F	Char. CALM	Corr. 28.82 in.			
R.H. 93 %	24 hr. Mov. – mi.	Sea L. 30.13 in.	0700	1300	1900
Ppn. Liq. 0.01 in.	Prev. Dir. –	3 hr. Tend. +0.4 mb	Clds. 3/10 AC	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Wx FH	Wx	Wx
			Vis. 2 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 75$

CDD = 10

Σ CDD = 57

Σ HDD = 55

Σ PCN = 1.77"

$T_W = 66.5$ $T_D = 66$

$T_{RAmos} = 66$

$T_{DRAmos} = 63$

$T_{DVNV} = 62$

Monday, June 21, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. S	Temp. 71 °F	TRW ~ 1415 H(over)		
Min. 68 * °F	Vel. 4 m.p.h.	Read. 28.81 in.	RW- - Intermt through night.		
Set 69 °F	Char. Very Light	Corr. 28.69 in.	*-TIES RECORD MAX. MIN.		
			0700	1300	1900
R.H. 91 %	24 hr. Mov. NA mi.	Sea L. 29.99 in.	Clds. 10/10	Clds.	Clds. 10/10 Sc
Ppn. Liq. .14 in.	Prev. Dir. NA	3 hr. Tend. -1.0 mb	Wx FH	Wx	Wx RW-
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SGG	Vis. 1v.4 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T} = 77$

CDD = 12

$\Sigma CDD = 69$

$\Sigma HDD = 55$

$\Sigma PCPN = 1.91"$

$T = 69$

$T_W = 67$

$T_O = 66$

$T_{DRMG} = 61$ (CT = 62)

$T_{DWW} = 67$

Precip.: TB ~ 1345 LT
RW+ 1415-1420 LT
RW- 1420 ~ 1500 LT
↳ most of obs. 0.14" fell here

Tues. June 22, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NW	Temp. 69 °F	RW-- 1300 LT (T of Precip) RW- 1945-2010 LT (0.01")		
Min. 62 °F	Vel. 5 m.p.h.	Read. 28.68 in.			
Set 63 °F	Char. Gusts to 14	Corr. 28.56 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. – mi.	Sea L. 29.87 in.	Clds. 9/10 Sc	Clds.	Clds. 0/10
Ppn. Liq. 0.01 in.	Prev. Dir. –	3 hr. Tend. +0.4 mb	Wx many breaks E	Wx	Wx H
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 12 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T} = 70$

$CDD = 5$

$\Sigma CDD = 74$

$\Sigma HDD = 55$

$\Sigma PCN = 1.92''$

$T_w = 59$ $T_D = 56.5$ (from set T)

$T_{roof} = 58$

$T_{DRAMOS} = 53$ (RAMOS continues to be wrong)

$T_{OUNV} = 58$

Wednesday June 23, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. NE	Temp. 70 °F	Fog in Penns Valley @ OBS		
Min. 52 °F	Vel. 12 m.p.h.	Read. 29.93 in.			
Set 58 °F	Char. steady	Corr. 29.81 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.8 / mb	Wx Few Ci NE	Wx	Wx Clear as a bell
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 68$ $T_W = 51$ $T_D = 45$

HDD = 0

CDD = 3

$T_{RAMOS} = 55$

$T_{DRAMOS} = 45$

Σ HDD = 55

Σ CDD = 77

$T_{OUNV} = 49$

Σ PCN = 1.92"

Thursday, June 24, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. –	Temp. 70 °F			
Min. 47 °F	Vel. Ø m.p.h.	Read. 29.12 in.			
Set 52 °F	Char. Calm	Corr. 29.00 in.	0700	1300	1900
R.H. 60 %	24 hr. Mov. NA mi.	Sea L. 30.34 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq. Ø in.	Prev. Dir. NA	3 hr. Tend. +0.8 mb	Wx Clouds N & E	Wx	Wx Perfect!
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Vis. 25 mi.	Vis. mi.	Vis. 30 mi.

$T = 52$

$T_W = 45.5$

$T_D = 38.5$

$T_{RAMOS} = 47/41$

$T_{UW} = 50/45$

$\overline{T} = 64$

$HDD = 1$

$CDD = 0$

$\Sigma HDD = 56$

$\Sigma CDD = 77$

$\Sigma PW_2 = 1.92"$

Friday June 25, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. –	Temp. 74 °F			
Min. 52 °F	Vel. 0 m.p.h.	Read. 29.05 in.			
Set 61 °F	Char. CALM	Corr. 28.92 in.	OVERNIGHT LO = 60		
			0700	1300	1900
R.H. 60 %	24 hr. Mov. – mi.	Sea L. 30.25 in.	Clds. 0/10	Clds.	Clds. 3/10
Ppn. 0 Liq. in.	Prev. Dir. –	3 hr. Tend. +0.3 F mb	Wx Fog in Valley E	Wx	Wx H
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 12 mi.

$\bar{T} = 69$ $T = 61$ $T_W = 53$ $T_D = 47$

CDD = 4

ΣCDD = 81 $T_{RAMOS} = 54$

ΣHDD = 56 $T_{DRAMOS} = 48$

Σ PCN = 1.92" $T_{DUNN} =$

Saturday, June 26, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. SSW	Temp. 70 °F			
Min. * 61 °F	Vel. 11 m.p.h.	Read. 28.86 in.			
Set 70 °F	Char. Steady	Corr. 28.74 in.	Ovnt Low: 68		
R.H. 56 %	24 hr. Mov. MA mi.	Sea L. 30.04 in.	0700	1300	1900
Ppn. Liq. Ø in.	Prev. Dir. MA	3 hr. Tend. Ø — mb	Clds. 8/10 -X,H	Clds.	Clds. 10/10 St
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Wx H	Wx	Wx BINOVC Nw
			Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$T = 70$

$T_W = 60$

$T_O = 53.5$

$T_{TRANS} = 60/53$

$T_{UW} = 66/56$

$\bar{T} = 74$

$COD = 9$

$\Sigma COD = 90$

$\Sigma HOD = 56$

$\Sigma PUV = 1.92''$

Sunday June 27, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. W	Temp. 75 °F	RW- ~1400 LT ~1700 LT		
Min. 54 °F	Vel. 4 m.p.h.	Read. 28.84 in.			
Set 59 °F	Char. Light	Corr. 28.70 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. 9/10	Clds.	Clds. 1/10 C
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.1 ↘ mb	Wx Fog in Valley	Wx	Wx Scattered C
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 15 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 66$

$T = 59$ $T_W = 56$ $T_D = 54$

$CDD = 1$

$\sum CDD = 91$

$\sum HDD = 56$

$\sum PCN = 1.92"$

$T_{RAMOS} = 56$

$T_{DRAMOS} = 52$

$T_{DUNN} =$

MON. JUNE 28, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. SW	Temp. 70 °F			
Min. * 59 °F	Vel. 3 m.p.h.	Read. 28.76 in.			
Set 68 °F	Char. L/V	Corr. 28.64 in.	OVNT LOW- 64		
R.H. 69 %	24 hr. Mov. NA mi.	Sea L. 29.94 in.	0700	1300	1900
Ppn. Liq. Ø in.	Prev. Dir. NA	3 hr. Tend. +1.0 mb	Clds. 9/10 --	Clds.	Clds. 10/10 AS
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer SGG	Wx Sunvery visible	Wx	Wx 75°
			Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$T = 68$

$T_W = 61.5$

$T_D = 57.5$

$T_{RATIOS} = 63/53$

$T_{UNV} = 70/55$

$T = 72$

$CDD = 7$

$\Sigma CDD = 92$

$\Sigma HDD = 56$

$\Sigma PCN = 1.92$

Tuesday June 29, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. –	Temp. 70 °F			
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.77 in.			
Set 66 °F	Char. CALM	Corr. 28.65 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. – mi.	Sea L. 29.96 in.	Clds. 10/10	Clds.	Clds. 0/10 -X
Ppn. Liq. 0 in.	Prev. Dir. –	3 hr. Tend. +1.3 / mb	Wx Stratus	Wx	Wx H
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 6 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T} = 74$

$T = 66$ $T_w = 62$ $T_D = 59.5$

$CDD = 9$

$\Sigma CDD = 101$

$\Sigma HDD = 56$

$\Sigma PCN = 1.92''$

$T_{RAMOS} = 59$

$T_{ORAMOS} = 56$

$T_{DUVU} = 60$

Wed. June 30, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. N	Temp. 69 °F	RW- 1015-1145 LT (0.02") RW-, OCL RW 1600-1645 LT (0.26")		
Min. 62 °F	Vel. 9 m.p.h.	Read. 28.84 in.			
Set 62 °F	Char. steady	Corr. 28.72 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. 9/10 - X	Clds.	Clds. 10/10
Ppn. Liq. 0.28 in.	Prev. Dir. —	3 hr. Tend. +0.9 F mb	Wx F	Wx	Wx pleasantly cool
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 2 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 67$ $T = 62$ $T_W = 59$ $T_D = 57$

$CDD = 2$

$\Sigma CDD = 103$

$\Sigma HDD = 56$

$\Sigma PCN = 2.20''$

$T_{RAMOS} = 57$

$T_{DRAMOS} = 55$

$T_{DUNV} = 58$