

Wednesday, Sept 1, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.				
Max.			Dir.		Temp.	RW- 1910-1920 LT OCNL LTGCG 1900-1945 LT Thunder heard (not during RW-) TRW- 2140-2200 LT OCNL LTGCG 2030-2330 LT			
91	°F		-		72				°F
Min.			Vel.		Read.				
65	°F		0	m.p.h.	28.84	in.			
Set			Char.		Corr.		0700	1300	1900
66	°F		Calm		28.71	in.			
R.H.			24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
97	%		-	mi.	30.02	in.	X	10/10	10/10 Sc
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
.05	in.		-		+0.5	mb	Dense Fog, Muggy	RW-	B/N OVC
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
0	in.		0	in.	HDS		1/8 mi.	2 mi.	5 mi.

$\bar{T} = 78$
 $CDD = 13$
 $\Sigma CDD = 13$
 $\Sigma HDD = 0$
 $\Sigma PCN_i = .05''$

$T = 66$ $T_w = 65.5$ $T_o = 65$

$T_{trans} = 66/60$

$T_{unv} = 66/64$

Thursday Sept 2, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.		Dir.	Temp.			OCNL R--, L- 1145-1330 LT		
72	°F	—	72	°F				
Min.		Vel.	Read.					
66	°F	0 m.p.h.	28.92	in.				
Set		Char.	Corr.		0700	1300	1900	
68	°F	CALM	28.79	in.				
R.H.		24 hr. Mov.	Sea L.		Clds.	Clds. Ac	Clds.	
85	%	— mi.	30.10	in.	9/10 Ac	8/10 Cu	10/10 Cu	10/10 Ci
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.		Wx Warm	Wx Hazy, warm,	Wx Very Hazy,	
0.01	in.	—	+0.5 mb		☐ Humid	humid	humid	
Ppn.	Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.	
0	in.	0 in.	DLD		7 mi.	6 mi.	3v.5 mi.	

$$\bar{T} = 69$$

$$CDD = 4$$

$$HDD = 0$$

$$\Sigma CDD = 17$$

$$\Sigma HDD = 0$$

$$\Sigma PCN_i = 0.06''$$

$$T = 69 \quad T_w = 65 \quad T_D = 63 \frac{1}{2}$$

$$T_{RAMOS} = 68/61$$

$$T_{UNV} = 68/65$$

Friday, September 3, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SSW	Temp. 73 °F	* overnight low = 70 1610 LT T W MOVG NE 1645 LT T W-N MOVG NE F&T LT GCG NW → NE *		
Min.	68 °F	Vel. 14 m.p.h.	Read. 28.80 in.	1810 LT TE MOVD NE RW- 2025-2055 LT RW- 2345-0030 LT (over)		
Set	70 °F	Char. Steady	Corr. 28.67 in.	0700	1300	1900
R.H.	87 %	24 hr. Mov. - mi.	Sea L. 29.97 in.	Clds. Sc 9/10 AS Ac	Clds. 10/10	Clds. 10/10
Ppn.	.18 in.	Prev. Dir. -	3 hr. Tend. +0.3 mb	Wx Grey + Damp, Breezy	Wx. R	Wx Pleasantly cool + damp
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 12 mi.	Vis. 2.4 mi.	Vis. 20 mi.

$\bar{T} = 77$
CDD = 12
 $\Sigma CDD = 29$
 $\Sigma HDD = 0$
 $\Sigma PCN_L = .24''$

$T = 70$ $T_w = 67.5$ $T_o = 66$

$T_{\text{trans}} = 70/62$

$T_{\text{UNN}} = 70/67$

* SVR is reported
between Bellefonte +
PLEASANT GAP

RW- OCNL RW 0500-0745 LT
(thunder @ 0645 LT)

Saturday, September 4, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. ** 53 °F	Dir. -	Temp. 72 °F	* - NEW PAV RECORD OLD RECORD = 1.02" ON 9/4/66			
Min. 53 °F	Vel. 0 m.p.h.	Read. 28.76 in.	** - T < 75° much of day. (before noon & after rain)			
Set 53 °F	Char. Calm	Corr. 28.64 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. NA mi.	Sea L. 29.96 in.	Clds. 10/10	Clds.	Clds. 1/10 Cu 1/10	
Ppn. 1.49 * in.	Liq. NA	Prev. Dir. NA	3 hr. Tend. +1.51 mb	Wx Low clouds	Wx Cu 5 Su N	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer SSG	Vis. 7 mi.	Vis. mi. 20 mi.	

T = 73
CDD = 8
ECCO = 37
ΣHDD = 0
EPCNL = 1.73"

T = 63
T_w = 60
T_b = 58
T_{unw} = 64/61
T_{rooms} = 63.57

RW - (COOL TRW) 0930 - 1140 h
RW - 1550 - 1715 h
RW - 2130 - 2300 h
R - 0000 - 0230 h
FRONT ~ 0300 h
R 0230 - 0500 h
↳ minor street flooding @ 4:30
R - 0500 - 0600 h

Sunday, September 5, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	73 °F	Dir.	-	Temp.	75 °F	dew			
Min.	54 °F	Vel.	0 m.p.h.	Read.	28.83 in.				
Set	56 °F	Char.	Calm	Corr.	28.70 in.				
R.H.	85 %	24 hr. Mov.	NA mi.	Sea L.	32.04 in.	0700	1300	1900	
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	11-01 mb	Clds.	0/10	Clds.	
Ppn.	0 in.	Snow Depth	0 in.	Observer	SGG	Wx	For 30 vol. vs near ced forest	Wx	CLR
				Observer	SGG	Vis.	20 mi.	Vis.	25 mi.

$\bar{T} = 64$
HOD: 1
 $\Sigma \text{HOD} = 37$
 $\Sigma \text{HOD} = 1$
 $\Sigma \text{REV} = 173$

$T = 56$
 $T_w = 53.5$
 $T_o = 51.5$
 $T_{uw} = 56/32$
 $T_{RMS} = 57/19$

MONDAY SEPT 6, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir.	Temp.			
		—	70 °F			
Min.	54 °F	Vel.	Read.			
		0 m.p.h.	28.89 in.			
Set	56 °F	Char.	Corr.	0700	1300	1900
		CALM	28.77 in.			
R.H.	88 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.13 in.	0/10	3/10 Cu	3/10 Ci--
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx Valley	Wx	Wx
0	in.	—	+0.95 mb	Fog NE-S	Comfortable	H
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	DLD	7 mi.	25 mi.	30 mi.

$$\bar{T} = 66$$

$$T = 57 \quad T_w = 54 \quad T_D = 52$$

$$CDD = 1$$

$$T_{UNV} = 55/53$$

$$\Sigma CDD = 38$$

$$T_{RAMOS} = 57/49$$

$$\Sigma HDD = 1$$

$$\Sigma PCN_L = 1.73''$$

$$\bar{T} = 68$$

$$COP = 3$$

$$\Sigma COP = 41$$

$$\Sigma HOD = 1$$

$$\Sigma PNL = 1.73''$$

$$T = 61$$

$$T_w = \text{[REDACTED]} 56.5$$

$$T_o = 53$$

$$T_{LUM} = 61/55$$

$$T_{RAMOS} = 61/52$$

Wednesday, September 8, 1993
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. NNE	Temp. 70 °F	- fog patches along ridge L- 0815 LT			
Min. 56 °F	Vel. 5 m.p.h.	Read. 28.88 in.				
Set 56 °F	Char. 2v.8	Corr. 28.76 in.				
			0700	1300	1900	
R.H. 83 %	24 hr. Mov. - mi.	Sea L. 30.10 in.	Clds. 10/10 St	Clds. 3/10 JF	Clds. 4/10 AC	
Ppn. T in.	Liq. -	Prev. Dir. -	3 hr. Tend. -0.17 mb	Wx Grey overcast + Cool	Wx Grey + Cool	Wx Clearing
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 3v.6 mi.	Vis. 6 mi.	Vis. 10 mi.

$$\bar{T} = 61$$

$$HDD = 4$$

$$\Sigma HDD = 5$$

$$\Sigma CDD = 41$$

$$\Sigma PCN_L = 1.73''$$

$$T = 57 \quad T_w = 54 \quad T_o = 52$$

$$T_{\text{amos}} = 57/49$$

$$T_{\text{UNV}} = 55/52$$

Thursday SEPT 9, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. —	Temp. 70 °F	Vis. ~ 1/16 mi. 0530-0700 LT		
Min.	56 °F	Vel. 0 m.p.h.	Read. 28.72 in.			
Set	59 °F	Char. CALM	Corr. 28.60 in.	0700	1300	1900
R.H.	97 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. - X	Clds.	Clds. - X
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx F	Wx	Wx Hazy, Mild More humid
Ppn.	0 in.	Snow Depth 0 in.	Observer DLD	Vis. 3/8 mi.	Vis. mi.	Vis. 5 mi.

$$\bar{T} = 63$$

$$T = 59 \quad T_w = 58 \frac{1}{2} \quad T_o = 58$$

$$HDD = 2$$

$$T_{RAMOS} = 59/54$$

$$\Sigma HDD = 7$$

$$T_{UNV} = 59/57$$

$$\Sigma CDD = 41$$

$$\Sigma PCN_L = 1.73''$$

Friday, September 10, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. SSW	Temp. 71 °F	RW- 0120LT		
Min.	* 59 °F	Vel. 8 m.p.h.	Read. 28.53 in.	* overnight low = 60		
Set	64 °F	Char. Steady	Corr. 28.41 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 29.71 in.	Clds. 7/10 Sc	Clds. 8/10	Clds. 3/10
Ppn.	Liq. .03 in.	Prev. Dir. —	3 hr. Tend. +0.5 ✓ mb	Wx Hazy, Mild Drier	Wx Breezy & Brisk	Wx Very Fall-like
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 8 mi.	Vis. 20 mi.	Vis. 25 mi.

$$\bar{T} = 67$$

$$COD = 2$$

$$\Sigma COD = 43$$

$$\Sigma HDD = 7$$

$$\Sigma PCN_L = 1.76''$$

$$T = 63 \quad T_w = 58 \quad T_o = 55$$

$$T_{ramos} = 63/54$$

$$T_{UNV} = 63/59$$

Saturday, Sept 11, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	72 °F	Dir.	W	Temp.	RW- 081717-0823 16		
Min.	46 °F	Vel.	9 m.p.h.	Read.	RW- 083616-0850 16		
Set	47 °F	Char.	Steady	Corr.	Brief L-- 2330 16		
R.H.	71 %	24 hr. Mov.	NA mi.	Sea L.	0700	1300	1900
Ppn.	.05 in.	Prev. Dir.	NA	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	2/10		2/10 Ci
Sol.	0 in.			566	Wx Crisp & Clear as a bell	Wx	Wx M. Clear + Cool
					Vis.	Vis.	Vis.
					25 mi.	mi.	25 mi.

$T = 59$

$T = 47$

$HOD = 6$

$T_w = 43$

$\Sigma COD = 43$

$T_o = 38$

$\Sigma HOD = 13$

$T_{UM} = 48/40$

$\Sigma PCN_L = 1.81''$

$T_{RAMS} = 48/35$

Sunday, September 12, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. ESE	Temp. 68 °F	- fog in valley to E		
Min.	42 °F	Vel. 1 m.p.h.	Read. 29.05 in.			
Set	44 °F	Char. v. light	Corr. 28.93 in.			
R.H.	79 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	0700 Clds. Ci 9/10 Cs	1300 Clds.	1900 Clds. 10/10
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. +2.01 mb	Wx Thin ovc, chilly	Wx	Wx OVC
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

$$\bar{T} = 52$$

$$HDD = 13$$

$$\Sigma HDD = 26$$

$$\Sigma CDD = 43$$

$$\Sigma PCN_L = 1.81''$$

$$T = 45$$

$$T_w = 42$$

$$T_o = 39$$

$$T_{\text{ramos}} = 45/36$$

$$T_{\text{UNV}} = 41/39$$

MONDAY SEPT 13, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	OCNL T 0250 - 0320 LT RW- 0520 - 0525 LT			
69 °F	SW	68 °F				
Min.	Vel.	Read.	OVERNIGHT LO = 60			
44 °F	4 m.p.h.	29.05 in.				
Set	Char.	Corr.	0700	1300	1900	
61 °F	Light	28.94 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
87 %	- mi.	30.27 in.	9/10 AC	9/10	9/10	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx m. cldy	Wx	Wx
T	in.	-	+1.9 / mb	d mild	Sunny	Breezy Red Sunset
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	DLD	25 mi.	25 mi.	25 mi.

$$\bar{T} = 57$$

$$T = 61 \quad T_w = 58\frac{1}{2} \quad T_D = 57$$

$$HDD = 8$$

$$T_{UNV} = 61/51$$

$$\Sigma HDD = 34$$

$$T_{RAMOS} = 61/47$$

$$\Sigma CDD = 43$$

$$\Sigma PCNL = 1.81''$$

Tuesday, September 14, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max	85 °F	Dir	SW	Temp.	76 °F			
Min	61 * °F	Vel.	7 m.p.h.	Read.	29.03 in.			
Sct	64 °F	Char.	Variable	Corr.	28.89 in.	QANT Low: 62		
R.H.	60 %	24 hr. Mov.	NA mi.	Sea L.	30.21 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	0 mb	Clds.	Clds.	Clds.
						7/10 Cs		10
						Wx	Wx	Wx
						Balmy		Hazy, Mild Breezy
Ppn.	0 in.	Snow Depth	0 in.	Observer	SGG	Vis.	Vis.	Vis.
						25 mi.	mi.	8 mi.

$\bar{T} = 73$

$COD = 8$

$\Sigma COD = 51$

$\Sigma HD = 34$

$\Sigma PVL = 181''$

$T = 64$

$T_L = 56$

$T_0 = 50$

$T_{un} = 64/53$

$T_{rms} = 65/50$

Wednesday, September 15, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SW	Temp. 74 °F			
Min.	* 64 °F	Vel. 10 m.p.h.	Read. 28.84 in.			
Set	* 70 °F	Char. Steady	Corr. 28.71 in.	* overnight low = 70		
R.H.	60 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	0700 Clds. 0/10	1300 Clds. 9/10	1900 Clds. 10/10
Ppn.	Liq. 0 in.	Prev. Dir. —	3 hr. Tend. -0.22 mb	Wx Bright Sun, Some haze	Wx Bright East, Dark West	Wx Windy Cooler
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 15 mi.	Vis. 25 mi.	Vis. 10 mi.

$$\bar{T} = 75$$

$$COD = 10$$

$$\Sigma COD = 61$$

$$\Sigma HDD = 34$$

$$\Sigma PCN_L = 1.81''$$

$$T = 70 \quad T_w = 61 \quad T_o = 55.5$$

$$T_{ramos} = 70/53$$

$$T_{UNV} = 65/58$$

Thurs. SEPT 16, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. NE	Temp. 71 °F	RW- ~ 1545 LT, ~ 1705		
Min.	53 °F	Vel. 10 m.p.h.	Read. 29.02 in.	RW- ~ 1800-1820 (0.01") L- ~ 0400		
Set	54 °F	Char. Gusts 18	Corr. 28.90 in.	RW- ~ 0500-0600 (0.03")		
R.H.	85 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .04 in.	Prev. Dir. —	3 hr. Tend. +0.8 ✓ mb	Wx windy & Cool	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 15 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 67$$

$$T = 54 \quad T_w = 51\frac{1}{2} \quad T_D = 49\frac{1}{2}$$

$$CDD = 2$$

$$T_{RAMOS} = 54/44$$

$$\Sigma CDD = 63$$

$$T_{UUV} =$$

$$\Sigma HDD = 34$$

$$\Sigma PCN_L = 1.85''$$

Friday September 17, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. NE	Temp. 71 °F	- fog bank along ridge top		
Min.	53 °F	Vel. 4 m.p.h.	Read. 29.01 in.	L- 1300-1330 LT L/R- 1330-0700 LT		
Set	56 °F	Char. 2v.6	Corr. 2889 in.	0700	1300	1900
R.H.	88 %	24 hr. Mov. - mi.	Sea L. 30.23 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St
Ppn.	.03 in.	Prev. Dir. -	3 hr. Tend. +0.75 mb	Wx Damp + Grey	Wx Damp & Grey	Wx F
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 3v.6 mi.	Vis. 10 mi.	Vis. 2 mi.

$\bar{T} = 55$
 $HDD = 10$
 $\Sigma HDD = 44$
 $\Sigma CDD = 63$
 $\Sigma PCN_i = 1.88''$

$T = 55$ $T_w = 53$ $T_o = 51.5$

$T_{ramos} = 55/49$

$T_{UNV} = 55/53$

Saturday, September 18, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. W~NW	Temp. 72 °F	0800-1000 H L- ~2200 H RW-			
Min. 56 °F	Vel. 3 m.p.h.	Read. 28.92 in.	*- Q/N7 Low: 58			
Set 509 °F	Char. L4V	Corr. 28.79 in.	0700	1300	1900	
R.H. 92 %	24 hr. Mov. NA mi.	Sea L. 30.12 in.	Clds. X	Clds.	Clds. 3/10 Ci	
Ppn. .08 in.	Liq. NA	Prev. Dir. NA	3 hr. Tend. Unsteady mb	Wx F	Wx Pleasantly Cool	
Ppn. Ø in.	Sol. Ø in.	Snow Depth Ø in.	Observer JGG	Vis. 1 mi.	Vis. mi.	Vis. 15 mi.

F = 59

H₀₀ = 6

ΣH₀₀ = 50

ΣCO₀ = 63

ΣPUL = 1.96

T = 58

T_L = 56.5

T₀ = 55.5

T_{un} = 58/57 (1/2 VF)

T_{RAMOS} = 58/52

Sunday, September 19, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	-	Temp.	75 °F			
Min.	48 °F	Vel.	0 m.p.h.	Read.	28.99 in.			
Set	51 °F	Char.	calm	Corr.	28.86 in.	0700	1300	1900
R.H.	69 %	24 hr. Mov.	- mi.	Sea L.	30.21 in.	Clds.	Clds.	Clds. Fev. Ci WEST
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	+2.01 mb	Wx	Wx	Wx CLEAR
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Vis.	Vis.	Vis.
						6v. 10 mi.	mi.	20 mi.

$$\bar{T} = 59$$

$$T = 53$$

$$T_w = 48$$

$$T_0 = 43$$

$$HDD = 6$$

$$T_{trans} = 53/43$$

$$\Sigma HDD = 56$$

$$T_{unw} = 50/46$$

$$\Sigma LOD = 63$$

$$\Sigma PCN_e = 1.96$$

Monday, September 20, 1993
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. NE	Temp. 73 °F			
Min.	41 °F	Vel. 5 m.p.h.	Read. 29.10 in.			
Set	41 °F	Char. steady	Corr. 28.97 in.			
R.H.	88 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	0700 Clds. -10/10 Cc	1300 Clds. 10/10 AS	1900 Clds. 10/10 AS
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. +1.75/mb	Wx Cloudy + crisp	Wx Cloudy + crisp	Wx Cloudy + crisp
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 53$
HDD = 12
 $\Sigma \text{HDD} = 68$
 $\bar{\Sigma \text{CDD}} = 63$
 $\Sigma \text{PCN}_i = 1.96''$

$T = 41$ $T_w = 39$ $T_o = 36.5$
 $T_{\text{trans}} = 41/32$
 $T_{\text{UNV}} = 40/37$

Tuesday, September 22, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. ** 54 °F	Dir. —	Temp. 71 °F			RW - (INTMTM) ~2200 ~0200 LT TRW - (LTC OBS) ~2330 LT		
Min. * 41 °F	Vel. Ø m.p.h.	Read. 28.88 in.			** - TIDES REC. LOW OF 29.58 * - QNT LOW = 47		
Set 49 °F	Char. Calm	Corr. 28.75 in.			0700	1300	1900
R.H. 93 %	24 hr. Mov. NA mi.	Sea L. 30.11 in.		Clds. X	Clds.	Clds. X	
Ppn. 0.16 in.	Liq.	Prev. Dir. NA	3 hr. Tend. Ø - mb	Wx F	Wx	Wx Foggy + muggy	
Ppn. Ø in.	Sol.	Snow Depth Ø in.	Observer SEG	Vis. 1 1/2 mi.	Vis. mi.	Vis. 3/4 mi.	

$$T = 48$$

$$HOD = 17$$

$$\Sigma 100 = 85$$

$$SCOD = 63$$

$$\Sigma PCNL = 2.12''$$

$$T = 49$$

$$T_w = 48$$

$$T_o = 47$$

$$T_{RAMOS} = 47/43$$

$$T_{un} = 48/45$$

Wed. Sept 22, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F	Dir. N	Temp. 71 °F	RW - 1600 - 1800 LT			
Min. 49 °F	Vel. 4 m.p.h.	Read. 28.98 in.	OCCL RW-, L- 1830 - 0000 LT			
Set 55 °F	Char. Light	Corr. 28.86 in.	OVERNIGHT LOW: 55			
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. -X	Clds. 10/10	Clds. 7/10 AC	
Ppn. 0.17 in.	Liq. —	Prev. Dir. —	3 hr. Tend. +1.05 mb	Wx F	Wx BEVOC F- Wx Fog dvlp. E	
Ppn. 0 in.	Sol. —	Snow Depth 0 in.	Observer DLD	Vis. 3 1/2 mi.	Vis. 10 mi.	
				Vis. 7 mi.		

$$\bar{T} = 54$$

$$HDD = 11$$

$$\sum HDD = 96$$

$$\sum CDD = 63$$

$$\sum PCN_L = 2.29''$$

$$T = 55 \quad T_w = 54\frac{1}{2} \quad T_D = 54$$

$$T_{RAMOS} = 55/48$$

$$T_{UNV} = 55/53$$

Thurs. Sept 23, 1953 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	66 °F	Dir.	W	Temp.	71 °F	BINOC NE-SE @ OBS			
Min.	54 °F	Vel.	6 m.p.h.	Read.	28.83 in.				
Set	56 °F	Char.	Light	Corr.	28.71 in.	0700	1300	1900	
R.H.	90 %	24 hr. Mov.	- mi.	Sea L.	30.05 in.	Clds.	10/10 Sc	Clds.	10/10 St
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	-1.4 mb	Wx	F-	Wx	L. Drizzle + Fog
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	5 mi.
								mi.	2v.4 mi.

$$\bar{T} = 60$$

$$T = 57 \quad T_w = 55\frac{1}{2} \quad T_D = 54$$

$$HDD = 5$$

$$T_{Ramos} = 57/49$$

$$\Sigma HDD = 101$$

$$T_{UVV} = 57/53$$

$$\Sigma CDD = 63$$

$$\Sigma PCN_L = 2.29''$$

Friday, September 24, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. WNW	Temp. 72 °F	Brief RW- 0830 LT		
Min.	42 °F	Vel. 5 m.p.h.	Read. 29.01 in.	RW- 1630-2000 LT		
Set	45 °F	Char. steady	Corr. 28.89 in.	L- 2000-2030 LT		
R.H.	72 %	24 hr. Mov. - mi.	Sea L. 30.27 in.	0700 Clds. 0/10	1300 Clds. 0/0	1900 Clds. 1/0 C
Ppn.	.19 in.	Prev. Dir. -	3 hr. Tend. +2.5 / mb	Wx Bright Blue Skies	Wx Sunny & Warmer	Wx Orange Sunset
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 54 \quad T = 46 \quad T_w = 42 \quad T_o = 37.5$$

$$HDD = 11$$

$$T_{\text{trans}} = 46/35$$

$$\Sigma HDD = 112$$

$$T_{\text{JNV}} = 44/39$$

$$\Sigma HDD = 63$$

$$\Sigma PCN_e = 2.48''$$

Saturday, Sept. 25, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	-	Temp.	70 °F			
Min.	45* °F	Vel.	Ø m.p.h.	Read.	28.94 in.			
Set	47 °F	Char.	Calm	Corr.	28.81 in.	QUNT LOW: 46		
R.H.	79 %	24 hr. Mov.	NA mi.	Sea L.	30.18 in.	0700	1300	1900
						Clds.	Clds.	Clds.
						9/10 Ac		10/10
Ppn.	Ø in.	Prev. Dir.	NA	3 hr. Tend.	Ø - mb	Wx	Wx	Wx
						Chilly		R- ani R
Ppn.	Ø in.	Snow Depth	Ø in.	Observer	SCG	Vis.	Vis.	Vis.
						25 mi.	mi.	5 mi.

$$\bar{T} = 55$$

$$HDD = 10$$

$$\Sigma HDD = 122$$

$$\Sigma CDD = 63$$

$$\Sigma PCN_{\perp} = 2.48''$$

$$T = 47$$

$$T_w = 44$$

$$T_D = 41$$

$$T_{sum} = 44/43$$

$$T_{TRANS} = 47/39$$

Sunday, September 26, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SW	Temp. 70 °F	R-, Ocnl R 1600-2100 LT L-, Ocnl R- 2100-0600 LT			
Min. 47 °F	Vel. 15 m.p.h.	Read. 28.57 in.	overnight low ~ 52°			
Set 59 °F	Char. 10 v. 20	Corr. 28.45 in.	0700	1300	1900	
R.H. 88 %	24 hr. Mov. - mi.	Sea L. 29.76 in.	Clds. 10/10 Sc	Clds.	Clds. 9/10 - Bkn	
Ppn. .94	Liq. in.	Prev. Dir. -	3 hr. Tend. -1.57 mb	Wx Clouds racing by Mild	Wx Mainly sunny visible	
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer HDS	Vis. 7 mi.	Vis. mi. 15 mi.	

$$\bar{T} = 55$$

$$HDD = 10$$

$$\Sigma HDD = 132$$

$$\Sigma CDD = 63$$

$$\Sigma PCN_L = 3.42''$$

$$T = 59 \quad T_w = 57 \quad T_o = 55.5$$

$$T_{\text{trans}} = 59/50$$

$$T_{\text{JUNV}} = 59/56$$

Monday Sept 27, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. NW	Temp. 69 °F	RW - 1145 - 1215 LT (.01")			
Min. 55 °F	Vel. 7 m.p.h.	Read. 28.65 in.	Gust W 35 mph 1645 LT			
Set 55 °F	Char. Gusts 15	Corr. 28.53 in.	RW - 0645 - 0705 LT occl RW OVER →			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.87 in.	0700 Clds. 10/10	1300 Clds. 10/10Ns	1900 Clds. 9/10St	
Ppn. 0.07 in.	Liq. —	Prev. Dir. —	3 hr. Tend. -0.5 vmb	Wx Scud on rdgs.	Wx RW -	Wx Breezy
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 3 v. 7 mi.	Vis. 2 mi.	Vis. 10 mi.

$$\bar{T} = 62$$

$$HDD = 3$$

$$\sum HDD = 135$$

$$\sum CDD = 63$$

$$\sum PCN_L = 3.49''$$

$$T = 55 \quad T_w = 53 \frac{1}{2} \quad T_D = 52$$

$$T_{trans} = 55/48$$

$$T_{unv} = 55/52, R-$$

OBS CONT.

PRESRR @ OBS

RWU W

Tuesday, Sept 28, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	SSW	Temp.	72 °F	RW - 0800 - 1400 LT (OCLR RW +)		
Min.	45 °F	Vel.	15 m.p.h.	Read.	28.75 in.	TRW - 1015 - 1030 LT RW - ~ 1800 LT		
Set	46 °F	Char.	Variable	Corr.	28.62 in.	0700	1300	1900
R.H.	51 %	24 hr. Mov.	NA mi.	Sea L.	29.98 in.	Clds.	0/10	Clds. 1/10 As
Ppn.	0 in.	Liq.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+2.0 / mb	Wx CDS ABV RDGS
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	JGG	Wx M. Clear + cool
						Vis.	25 mi.	Vis. 10 mi.

T = 46

T = 52

T_w = 39

HDD = 13

T_o = 29

ΣHDD = 148

T_{unw} = 46/33

ΣCDD = 63

T_{RAMOS} = 46/29

ΣPEN_L = 4.92"



Wednesday, September 29, 1993
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. W	Temp. 71 °F	RW - ~1415 LT TB 2115 LT TRW - 2123-2145 LT TRWA ~2130 LT OCNL LTGICCG Hail very small, PK wind ~40mph RW - 2145-2215 LT			
Min. 42 °F	Vel. 10 m.p.h.	Read. 28.94 in.				
Set 44 °F	Char. steady	Corr. 28.82 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. - mi.	Sea L. 30.19 in.	Clds. 10/10 Sc AS	Clds. 8/10	Clds. 5/10	
Ppn. .16 in.	Liq. -	Prev. Dir. -	3 hr. Tend. +2.3 mb	Wx Cloudy + Breezy	Wx PEERS O SUN	Wx Cool, Few Cu
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 49$
HDD = 16
 $\Sigma \text{HDD} = 164$
 $\Sigma \text{COD} = 63$
 $\Sigma \text{PCN}_L = 5.08''$

$T = 43$ $T_w = 39.5$ $T_0 = 35$

$T_{\text{ramos}} = 43/33$

$T_{\text{UNV}} = 45/40$

Thursday SEPT 30, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. NNW	Temp. 68 °F	OCUL RW - L - 0130-0800 LT			
Min. 38 °F	Vel. 8 m.p.h.	Read. 28.97 in.	ROGS OBS'D AT OBS			
Set 39 °F	Char. steady	Corr. 28.85 in.	NWS IN SCE (CTP) REPORTED SNOW IN TOWN 20130 EDT			
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 10/10 St	0700 Clds. 7/10 V	1300 Clds. 0/10	1900 Clds. 0/10
Ppn. .15 in.	Liq. —	Prev. Dir. —	3 hr. Tend. +1.25 mb	Wx RW-	Wx PARTY SUNNY	Wx Clear + Chilly
Ppn. 0 in.	Sol. —	Snow Depth 0 in.	Observer DLD	Vis. 5 mi.	Vis. 25 mi.	Vis. 12 mi.

$$\bar{T} = 46$$

$$T = 39 \quad T_w = 38 \quad T_o = 37$$

$$HDD = 19$$

$$T_{\text{trans}} = 39/32$$

$$\Sigma HDD = 183$$

$$T_{\text{unv}} = 39/36, L-$$

$$\Sigma CDD = 63$$

$$\Sigma PCN_e = 5.23''$$