

SUNDAY Aug 1, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.	77	°F	Dir.	-	Temp.	79	°F			
Min.	59	°F	Vel.	0 m.p.h.	Read.	28.81	in.			
Set	62	°F	Char.	CALM	Corr.	28.67	in.	0700	1300	1900
R.H.	84	%	24 hr. Mov.	- mi.	Sea L.	29.99	in.	Clds.		Clds.
Ppn.	0	in.	Prev. Dir.	-	3 hr. Tend.	-0.47	mb	Wx Valley	Wx	Clds.
Ppn.	0	in.	Snow Depth	0 in.	Observer	DLD		Fog NE-SW		Wx
								Vis.	Vis.	Vis.
								20 mi.		10x15 mi.

$$\bar{T} = 68$$

$$CDD = 3$$

$$\Sigma CDD = 3$$

$$\Sigma HDD = 0$$

$$\Sigma PCN = 0.00''$$

$$T = 62 \quad T_w = 59 \quad T_b = 57$$

$$T_{UNV} =$$

Monday, August 2, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir.	83 °F			
Min.	62 °F	Vel.	28.68 in.			
Set	67 °F	Char.	28.53 in.	OVRT Low = 63		
R.H.	76 %	24 hr. Mōv.	29.83 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NA mb	Clds.	Clds.	Clds.
Sol.	0 in.	Snow Depth	Observer	Wx	Wx	Wx
			566	15 mi.	mi.	1v.5 mi.

Small text at the bottom of the page, likely a form identifier or scale.

$T = 72$

$QD = 7$

$SOD = 10$

$SAD = \emptyset$

$SPCL = \emptyset$

$T = 67$

$TW = 62$

$Tb = 59$

$T_{RMS} = 44/44$

$T_{UV} = 67/60$

Tuesday, August 3, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	77 °F	Dir.	SSW	Temp.	Dew on ground @ obs		
Min.	60 °F	Vel.	5 m.p.h.	Read.	Dissipating TRW - ~1000-1030 LT (.02)		
Set	62 °F	Char.	Variable	Corr.	RW 1215-1230 LT (.02)		
R.H.	87 %	24 hr. Mov.	NA mi.	Sea L.	TRW - 5 1215-140; 2000-2010 (.02)*		
Ppn.	.06 in.	Prev. Dir.	NA	3 hr. Tend.	0700	1300	1900
Ppn.	0 in.	Snow Depth	0 in.	Observer	Clds.	Clds.	Clds.
				5GG	7/10-C		4/10-C
					Wx Fog Thick, S/E	Wx	Wx yellow sunset
					Vis.	Vis.	Vis.
					5v. 10 mi.	mi.	20 mi.

$T = 69$

$T = 62$

COO. 4

$T_w = 59.5$

SCPD = 14

$T_o = 58$

SHDD = 0

$T_{unw} = 60/58$  (Thick fog dissipating)

$EPW_L = 0.06''$

TRANS = 40/40

\* MASSIVE CB SOUTH OF STATION  
FORT LEBANON SOUTH  
CI STRIATED AND MAMMATUS  
VERY PHOTOGENIC !!

Wednesday August 4, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	SW	Temp.	73 °F			
Min.	59 °F	Vel.	6 m.p.h.	Read.	28.89 in.			
Set	63 °F	Char.	Steady	Corr.	28.76 in.	0700	1300	1900
R.H.	73 %	24 hr. Mor.	NA mi.	Sea L.	30.07 in.	Clds.		Clds.
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+1.01 mb	Wx	Thick Fog SE Vis 10	Wx
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	566	Vis.
						Vis.	20 mi.	mi.
								25 mi.

7/10-C

Cu N.

$\bar{T} = 70$

$\sigma_{\text{AD}} = 5$

$\sigma_{\text{CD}} = 19$

$\sigma_{\text{HD}} = \emptyset$

$\sigma_{\text{PLN}} = 0.06''$

$T = 63$

$T_{\text{W}} = 58$

$T_{\text{D}} = 54.5$

$T_{\text{UN}} = 61/55$

$T_{\text{RMS}} = -97/-97$



Thursday August 5, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	73 °F	Dir.	-	Temp.	Brief RW- @ 1400 LT			
				70 °F				
Min.	56 °F	Vel.	Ø m.p.h.	Read.				28.95 in.
Set	59 °F	Char.	Calm	Corr.	28.83 in.	0700	1300	1900
R.H.	78 %	24 hr. Mov.	NA mi.	Sea L.	30.16 in.	Clds. 10/10hc	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir.	NA	3 hr. Tend.	+1.01 mb	Wx	Wx	Wx
						Binove		
Ppn.	Sol. Ø in.	Snow Depth	Ø in.	Observer	JGG	Vis.	Vis.	Vis.
						20 mi.	mi.	mi.

T = 65

H<sub>00</sub>/C<sub>00</sub> = ∅

ΣC<sub>00</sub> = 19

ΣH<sub>00</sub> = ∅

ΣPCV<sub>2</sub> = 0.06"

T = 59

T<sub>w</sub> = 55

T<sub>0</sub> = 52

T<sub>unw</sub> = 57/53

T<sub>trans</sub> = 58/50



$$\bar{T} = 65$$

$$T = 57$$

$$T_w = 53$$

$$T_o = 50$$

$$HDD/CDD = 0$$

$$\Sigma CDD = 19$$

$$\Sigma HDD = 0$$

$$\Sigma PCN_L = 0.06''$$

$$T_{UNV} = 57/48$$

$$T_{RAMOS} = 57/48$$

Saturday, August 7, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	65 °F	Dir.	SSW	Temp	(Record min max is 60°F)		
				68 °F			
Min.	57 °F	Vel.	5 m.p.h.	Read.	OVNT Low = 59		
				28.87 in.			
Set	50 °F	Char.	Steady	Corr.	0700	1300	1900
				28.75 in.			
R.H.	86 %	24 hr. Mov.	NA mi.	Sea L.	Clds.	Clds.	Clds.
				30.08 in.	10/5t		2/10 Cu
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	Wx Ridge Top	Wx	Wx
				+1.3 - mb	Obscured		Dissipating Cu
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				JGG	3 mi.	mi.	20 mi.

$$\bar{T} = 61$$

$$HDD = 4$$

$$\Sigma HDD = 19$$

$$\Sigma HDD = 4$$

$$\Sigma PEN = 0.06''$$

$$T = 60$$

$$T_w = 57.5$$

$$T_o = 56$$

$$T_{un} = 60/56$$

$$T_{RMS} = 59/51$$

Sunday, August 8, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	-	Temp.	67 °F	Fog in Penns Valley @ obs Half moon visible overhead @ obs		
Min.	52 °F	Vel.	0 m.p.h.	Read.	29.05 in.			
Set	55 °F	Char.	CALM	Corr.	28.94 in.			
R.H.	72 %	24 hr. Mov.	- mi.	Sea L.	30.29 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	+2.31 mb	Clds.	Clds.	Clds.
						%		
						Wx Clear + Cool	Wx	Wx Red Sunset
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	Vis.	Vis.
						20 10 E mi.		25 mi.

$$\bar{T} = 65$$

$$T = 55 \quad T_w = 50 \quad T_D = 46$$

$$HDD/CDD = 0$$

$$T_{RAmos} = 57/47$$

$$\sum^C HDD = 19$$

$$T_{UNV} = 56/52$$

$$\sum^H HDD = 4$$

$$\sum PCN = 0.06''$$



Monday August 9, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. -	Temp. 68 °F				
Min. 55 °F	Vel. 0 m.p.h.	Read. 29.14 in.				
Set 58 °F	Char. Calm	Corr. 29.02 in.		0700	1300	1900
R.H. 72 %	24 hr. Mov. NA mi.	Sea L. 30.37 in.	Clds. 4/10	Clds.	Clds. 2/10 Ci	
Ppn. 0 in.	Liq. NA	Prev. Dir. NA	3 hr. Tend. +1.05 mb	Wx Fog at ridge bases	Wx	Wx Nice Sunset
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer JGG	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 67$   
 $Q_{DD} = 2$   
 $\Sigma Q_{DD} = 21$   
 $\Sigma H_{DD} = 4$   
 $\Sigma PCN_L = 0.06''$

$T = 58$   
 $T_w = 53$   
 $T_D = 49$   
 $T_{uw} = 57/53$   
 $T_{RAMS} = 59/49$



Tuesday Aug 10, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. W	Temp. 68 °F	PRESSURE UNSTEADY			
Min. 58 °F	Vel. 5 m.p.h.	Read. 29.05 in.				
Set 67 °F	Char. Light	Corr. 28.83 in.	OVERNIGHT LD = 65			
			0700	1300	1900	
R.H. 80 %	24 hr. Mov. - mi.	Sea L. 30.25 in.	Clds. 2/10 - AC	Clds.	Clds. 10/10	
Ppn. 0 in.	Liq. in.	Prev. Dir. ~	3 hr. Tend. +0.3 / mb	Wx H	Wx DARK E	
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer DLD	Vis. 6 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T} = 71$   
CDD = 6  
 $\Sigma$ CDD = 27  
 $\Sigma$ HDD = 4  
 $\Sigma$ PCN = 0.06"

$\bar{T} = 67$   $T_w = 63$   $T_D = 60.5$

$T_{Ramos} = 67/57$

$T_{UNV} = 67/60$

Wednesday AUG 11, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.				
Max.	84 °F	Dir.	-	Temp.	TB 1515 LT E 2000 LT RW 0000 R+ 1550-1645 0000 RW - 1700-1830 (0.98") RW-- 0000 LT - 0100 LT <u>OVER</u>				
				68 °F					
Min.	62 °F	Vel.	0 m.p.h.	Read.				28.98 in.	
Set	62 °F	Char.	CALM	Corr.	28.86 in.	0700	1300	1900	
R.H.	91 %	24 hr. Mov.	- mi.	Sea L.	30.19 in.	Clds.	10/10 S+	Clds.	10/10
Ppn.	1.31 in.	Prev. Dir.	-	3 hr. Tend.	+0.5 mb	Wx R dgs	obscd, F	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	5 mi.	Vis.	5 mi.

$\bar{T} = 73$        $T = 62$      $T_w = 60.5$      $T_o = 59.5$

CDD: 8

$T_{RAMOS} = 62/55$

$\Sigma CDD = 35$

$T_{UNV} = 63/60$

$\Sigma HDD = 4$

$\Sigma PCN = 1.37''$

OBS CONT.

RW- OCCUR RW 0300 LT - 0430 LT (0.32'')

PRESSURE UNSTEADY OVERNIGHT

PRECIP RECORD FOR DATE - 1.32'' (1973)

Thursday August 10, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.								
Max.	72 °F	Dir.	-	Temp.	TRW- (ocnl TRW) 1655~1730 L- @ obs (Pcpn Vry Lgt)								
Min.	58 °F	Vel.	0 m.p.h.	Read.				28.95 in.					
Set	59 °F	Char.	Calm	Corr.				28.82 in.					
R.H.	100 %	24 hr. Mov.	NA mi.	Sea L.	30.15 in.	Clds.	X	Clds.		Clds.	3/10 - X		
Ppn.	0.21" in.	Liq.		Prev. Dir.	NA	3 hr. Tend.	+1.0/mb	Wx	F+L-	Wx		Wx	H+
Ppn.	0 in.	Sol.		Snow Depth	0 in.	Observer	JGG	Vis.	1/16 mi.	Vis.		Vis.	3 mi.

$$T = 65$$

$$\frac{C_{100}}{100} = \emptyset$$

$$\Sigma C_{100} = 35$$

$$\Sigma H_{100} = 4$$

$$\Sigma P_{100} = 1.58''$$

$$T = 59$$

$$T_w = 59$$

$$T_o = 59$$

$$T_{rms} = 58/53$$

$$T_{unv} = 6/58$$



Friday August 13, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp. 69 °F	L- @ OBS (12 <sup>th</sup> ) OCCL LTG E 2100 LT - 0000			
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.84 in.	SFC VIS ~ 1/8 mi @ OBS (13 <sup>th</sup> ) VIS ~ 0 0600 LT - 0700			
Set 63 °F	Char. CALM	Corr. 28.72 in.	OVERNIGHT LOW = 63			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. X	Clds.	Clds. 9/10	
Ppn. T in.	Liq. in.	Prev. Dir. —	3 hr. Tend. +0.8 / mb	Wx F+	Wx H	
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer DLD	Vis. 1/16 mi.	Vis. mi. 20 mi.	

$$\bar{T} = 70$$

$$T = 63 \quad T_W = 63 \quad T_D = 63$$

$$CDD = 5$$

$$\Sigma CDD = 40$$

$$\Sigma HDD = 4$$

$$\Sigma PCN = 1.58''$$

$$T_{RAMOS} = 62/57$$

$$T_{UNV} = 63/62 \text{ WOX OF}$$

Saturday August 14, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	83 °F	Dir.	-	Temp.	68 °F	Fog quickly dissipating.			
Min.	62 °F	Vel.	0 m.p.h.	Read.	28.91 in.				
Set	62 °F	Char.	Calm	Corr.	28.79 in.	0700	1300	1900	
R.H.	87 %	24 hr. Mov.	NA mi.	Sea L.	30.11 in.	Clds.	0/10	Clds.	3/10 Ac
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+2.0 mb	Wx	Dense Fog patches	Wx	Line Cu E
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	JGG	Vis.	3v.6 mi.
								mi.	20 mi.

$$F = 73$$

$$T = 62$$

$$ODD = 8$$

$$T_w = 59.5$$

$$\Sigma ODD = 48$$

$$T_o = 58$$

$$\Sigma NOD = 4$$

$$T_{un} = 63/60 (@ 11Z) \text{ VIS OF}$$

$$\Sigma PCN_t = 158''$$

$$T_{trans} = 63/56$$

SUNDAY August 15, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		85 °F	Dir.	—	Temp.	68 °F	Dense Fog NE-SE ~ 2/3 of the way up Mt. Nittany		
Min.		61 °F	Vel.	0 m.p.h.	Read.	28.91 in.			
Set		63 °F	Char.	CALM	Corr.	28.79 in.			
R.H.		70 %	24 hr. Mov.	— mi.	Sea L.	30.11 in.	0700	1300	1900
							Clds.	Clds.	Clds.
							0/10		8/10 KUGG
Ppn.	Liq.	0 in.	Prev. Dir.	—	3 hr. Tend.	+0.9 mb	Wx	Wx	Wx
							FH		H
Ppn.	Sol.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	Vis.	Vis.
							3 v. 10 mi.		mi. 15 mi.

$$\bar{T} = 72$$

$$T = 63$$

$$T_w = 57$$

$$T_D = 53$$

$$CDD = 7$$

$$T_{Ramos} = 62/54$$

$$\Sigma CDD = 55$$

$$T_{UVV} = 63/60$$

$$\Sigma HDD = 4$$

$$\Sigma PCN = 1.58''$$

Monday, August 16, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. -		Temp 68 °F			
Min. 63 °F	Vel. 0 m.p.h.		Read. 28.85 in.			
Set 69 °F	Char. Calm		Corr. 28.73 in.	DUNT Low 68		
				0700	1300	1900
R.H. 72 %	24 hr. Mov. NA mi.		Sea L. 30.04 in.	Clds. 10/10	Clds.	Clds. 10/10 As
Ppn. 0 in.	Liq. NA	Prev. Dir.	3 hr. Tend. +0.3 mb	Wx FH BKNVC	Wx	Wx H
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer JGG	Vis. 10 mi.	Vis. mi.	Vis. 5 mi.

$$\bar{T} = 74$$

$$CDD = 9$$

$$HDD = \emptyset$$

$$\Sigma CDD = 64$$

$$\Sigma HDD = 4$$

$$\Sigma PENL = 1.58''$$

$$T = 69$$

$$T_w = 68.3$$

$$T_o = 59.5$$

$$T_{Ramos} = 68.58$$

$$T_{um} = 68/62 \text{ (} \odot 15Z \text{)}$$





$$\bar{T} = 74$$

$$T = 69 \quad T_w = 67\frac{1}{2} \quad T_o = 67$$

$$CDD = 9$$

$$T_{RAMOS} = 69/62$$

$$\Sigma CDD = 73$$

$$T_{UNV} = 69/66$$

$$\Sigma HDD = 4$$

$$\Sigma PCN = 1.89''$$

Wednesday Aug 18, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	—	Temp.	69 °F	T 1330 LT - 1400 LT		
Min.	63 °F	Vel.	0 m.p.h.	Read.	28.86 in.	RW - 1550 LT - 1610 LT		
Set	66 °F	Char.	CALM	Corr.	28.74 in.	FEW BINOC @ OBS		
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	30.07 in.	0700	1300	1900
Ppn.	0.01 in.	Prev. Dir.	—	3 hr. Tend.	+1.7 / mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	10/10 - X		10/10
						Wx	Wx	Wx
						F		HAZY
						Vis.	Vis.	Vis.
						$\frac{1}{2}$ v. $\frac{1}{2}$ mi.	mi.	4.6 mi.

$$T = 72$$

$$T = 66 \quad T_w = 64 \quad T_D = 63$$

$$CDD = 7$$

$$\Sigma CDD = 80$$

$$\Sigma HDD = 4$$

$$\Sigma PCN = 1.90''$$

$$T_{RAMOS} = 65/59$$

$$T_{UNV} = 65/63$$

THURS. AUG. 19, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. —	Temp. 69 °F	SUN DIMLY VISIBLE RW, OCNL RW+ 2050 - 2130 LT (VERY LOCAL EVENT)			
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.92 in.				
Set 65 °F	Char. calm	Corr. 28.80 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. NA mi.	Sea L. 30.12 in.	Clds. -X	Clds.	Clds. 2/10 Ci	
Ppn. .31 in.	Liq. Prev. Dir. NA	3 hr. Tend. +1.0 mb	Wx FOG	Wx	Wx Fog forming E	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer JHM	Vis. 1/4 V 1/2 mi.	Vis. mi.	Vis. 5 v. 10 mi.	

$$\bar{T} = 73$$

$$T_{\text{roof}} = 65 \quad T_w = 64$$

$$T_d = 63^\circ$$

$$C_{DD} = 8$$

$$T_{\text{dawn}} = 60$$

$$T_{\text{dusk}} = 62$$

$$\sum C_{DD} = 88$$

$$\sum H_{DD} = 4$$

$$\sum p_{CN} = 2.21''$$

Friday August 20, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. SW	Temp. 70 °F	OVERNIGHT LOW = 68		
Min.	65 °F	Vel. 4 m.p.h.	Read. 28.72 in.			
Set	69 °F	Char. Light	Corr. 28.60 in.			
R.H.	89 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 5/10 As - X	Clds.	Clds. 8/10
Ppn.	Liq. 0 in.	Prev. Dir. —	3 hr. Tend. -0.72 mb	Wx FH	Wx	Wx F
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 3 mi.	Vis.	Vis. 2.4 mi.

$$\bar{T} = 75$$

$$T = 69 \quad T_w = 66\frac{1}{2} \quad T_D = 65\frac{1}{2}$$

$$CDD = 10$$

$$T_{\text{RAMOS}} = 68/60$$

$$\Sigma CDD = 98$$

$$T_{\text{UNV}} = 69/65$$

$$\Sigma HDD = 4$$

$$\Sigma PCN = 2.21''$$



Saturday, August 21, 1973 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	N	Temp.	68 °F	Intermittent RW-1RW ~1330~1700		
Min.	61 °F	Vel.	7 m.p.h.	Read.	28.84 in.			
Set	63 °F	Char.	<del>Steady</del>	Corr.	28.72 in.			
R.H.	74 %	24 hr. Mov.	NA mi.	Sea L.	30.04 in.	0700	1300	1900
						Clds.	Clds.	Clds.
						0/5c		0/10
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	cl r 1 hr ago !!	Wx	Wx	Wx Perfect evening!
	53 in.	NA	+2.2 mb					
Ppn.	Sol.	Snow Depth	Observer	Vis.	25 mi.	Vis.	mi.	Vis.
	0 in.	0 in.	SGG					25 mi.

$\bar{T} = 68$

$CDD = 3$

$\Sigma CDD = 101$

$\Sigma HDD = 4$

$\Sigma PCN = 2.74"$

$T = 63$

$T_w = 58$

$T_o = 57.5$

$T_{unv} = 63/57$

$T_{trans} = 64/55$

SUNDAY August 22, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.								
Max.	77 °F	Dir.	—	Temp.	1st sub 50° AM since 6/24								
				68 °F									
Min.	49 °F	Vel.	0 m.p.h.	Read.				28.96 in.					
Set	51 °F	Char.	CALM	Corr.	28.84 in.	0700	1300	1900					
R.H.	80 %	24 hr. Mov.	— mi.	Sea L.	30.20 in.	Clds.	0/10	Clds.		Clds.	0/10		
Ppn.	0 in.	Liq.	—	Prev. Dir.	—	3 hr. Tend.	+1.2 / mb	Wx Valley	Fog E	Wx	Wx	Wx	Clr (Cool)
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	25 mi.	Vis.		Vis.	25 mi.

$$\bar{T} = 63$$

$$T = 51$$

$$T_w = 48$$

$$T_D = 45$$

$$HDD = 2$$

$$T_{RAMOS} = 52/44$$

$$\sum HDD = 16$$

$$T_{UNV} = 59/48$$

$$\sum CDD = 101$$

$$\sum PCN = 2.74''$$

Monday, August 23, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	79 °F	Dir.	-	Temp.			
				75 °F			
Min.	51 * °F	Vel.	Ø m.p.h.	Read.			
				28.95 in.			
Set	57 °F	Char.	Ca/no	Corr.	Over Low = 55		
				28.81 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov.	NA mi.	Sea L.	Clds.	Clds.	Clds.
				30.17 in.	0		3/10 Ac
Ppn.	Ø in.	Prev. Dir.	NA	3 hr. Tend.	Wx	Wx	Wx
				+0.8 mb	Lt. fog in valleys & rd bases.		H
Ppn.	Ø in.	Snow Depth	Ø in.	Observer	Vis.	Vis.	Vis.
				SGG	20 mi.	mi.	5 mi.

$$\bar{T} = 65$$

$$\frac{\text{COY}}{\text{ADD}} = \emptyset$$

$$\Sigma \text{KDD} = 101$$

$$\Sigma \text{HDD} = 6$$

$$\Sigma \text{PCV}_L = 2.74''$$

$$\bar{T} = 57$$

$$T_L = 54$$

$$T_0 = 51.5$$

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

$$T_{\text{RND5}} = 59/49$$

Tuesday August 24, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir.	—	Temp.	70 °F	
Min.	57 °F	Vel.	0 m.p.h.	Read.	28.88 in.	
Set	67 °F	Char.	CALM	Corr.	28.76 in.	OVERNIGHT LOW = 65
					0700	1300
R.H.	81 %	24 hr. Mov.	— mi.	Sea L.	30.07 in.	Clds. 4/10 - X
						Clds. 10/10
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+1.0 / mb	Wx FH
						Wx B1NOVC
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis. 2 v. 4 mi.
						Vis. mi. 6 v 8 mi.

$$\bar{T} = 70$$

$$T = 68 \quad T_w = 64 \quad T_o = 62$$

$$CDD = 5$$

$$T_{RAMES} = 68/59$$

$$\Sigma CDD = 106$$

$$T_{UNV} = 65/61$$

$$\Sigma HDD = 6$$

$$\Sigma PCN = 2.74''$$



Wednesday, Aug 25, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. <b>88</b> °F	Dir. -		Temp. <b>71</b> °F	<b>TB 1617 LT</b> <b>TRW- 1628-1638 LT</b> <b>LT666</b> <b>RW- 1700-1710 LT (over)</b>		
Min. <b>67</b> °F	Vel. <b>0</b> m.p.h.		Read. <b>28.98</b> in.	<b>OVERNIGHT LOW = 70</b> 0700                      1300                      1900		
Set <b>71</b> °F	Char. <b>calm</b>		Corr. <b>28.86</b> in.			
R.H. <b>81</b> %	24 hr. Mov. -		Sea L. <b>30.17</b> in.	Clds. <b>0/10</b>	Clds. <b>0/10 Cu</b>	Clds. <b>0/10</b>
Ppn. <b>.05</b> in.	Liq. -	Prev. Dir. -	3 hr. Tend. <b>+1.25</b> /mb	Wx <b>Hazy + humid</b>	Wx <b>HHH</b>	Wx Hot <b>&amp; Humid 81°</b>
Ppn. <b>0</b> in.	Sol. -	Snow Depth <b>0</b> in.	Observer <b>HDS</b>	Vis. <b>3</b> mi.	Vis. <b>15</b> mi.	Vis. <b>20</b> mi.

$\bar{T} = 78$   
COD: 13  
 $\Sigma \text{COD} = 119$   
 $\Sigma \text{HDD} = 6$   
 $\Sigma \text{PCN} = 2.79''$

$T = 70$     $T_w = 67$     $T_0 = 65.5$

$T_{\text{frames}} = 70/64$

$T_{\text{UNV}} = 69/67$

OCNL T  $\downarrow$  LTG approx. 2330 LT

Thursday August 26, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	—	Temp.	70 °F	VISIBILITY LOWER E FEW DSTNT AC NE-SE @ OBS		
Min.	64 °F	Vel.	0 m.p.h.	Read.	29.06 in.			
Set	65 °F	Char.	CALM	Corr.	28.94 in.			
R.H.	86 %	24 hr. Mov.	— mi.	Sea L.	30.26 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+1.1 / mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	0/10	2/10 Cu	0/10
						Wx	Wx	Wx
						FH	Hazy, Humid Very Warm	Hazy, Calm, warm, humid
						Vis.	Vis.	Vis.
						3 v. 6 mi.	20 mi.	20 mi.

$$\bar{T} = 76$$

$$T = 67$$

$$T_w = 64$$

$$T_o = 62\frac{1}{2}$$

$$CDD = 11$$

$$T_{RAMOS} = 67/59$$

$$\Sigma CDD = 130$$

$$T_{UNY} = 64/62$$

$$\Sigma HDD = 6$$

$$\Sigma PCN = 2.79''$$

Friday, August 27, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	89 °F	Dir.	—	Temp.	71 °F			
Min.	65 °F	Vel.	0 m.p.h.	Read.	28.97 in.			
Set	67 °F	Char.	calm	Corr.	2885 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov.	— mi.	Sea L.	30.16 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+0.15 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	5 mi.	2v.4 mi.	2v.4 mi.

Clds. 10%  
 Clds. X  
 Clds. 9%  
 Wx FH  
 Wx H++  
 Wx H++ few Cu  
 Vis. 5 mi.  
 Vis. 2v.4 mi.  
 Vis. 2v.4 mi.

$\bar{T} = 77$   
CDD = 12  
 $\Sigma \text{CDD} = 142$   
 $\Sigma \text{HDD} = 6$   
 $\Sigma \text{PCN} = 2.79''$

$T = 69$      $T_w = 65$      $T_o = 63$

$T_{\text{ramos}} = 69/60$

$T_{\text{UNV}} = 67/63$

Saturday August 28, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max	90 °F	Dir.	SW	Temp.	72 °F				
Min.	68 °F	Vel.	6 m.p.h.	Read.	28.84 in.				
Set.	73 °F	Char.	Steady	Corr.	0.71 in.	* OVRT Low: 70			
R.H.	77 %	24 hr. Mov.	NA mi.	Sea L.	30.00 in.	Clds.	0700	1300	1900
						-x			
						5F			2/10 Ci
Ppn.	0 in.	Liq.	NA	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	Wx
					70.5 ✓ mb	F			Hazy, warm humid
Ppn.	0 in.	Sol.	0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
					JEG	1.6 mi.		mi.	20 mi.

$$T = 79$$

$$COD = 14$$

$$\Sigma COD = 156$$

$$\Sigma HOD = 6$$

$$\Sigma PENL = 2.79''$$

$$T = 73$$

$$T_w = 68$$

$$T_o = 65.5$$

$$T_{unw} = 73/67$$

$$T_{RSMIS} = 7/3$$



Sunday, August 29, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	—	Temp.	69 °F	- several contrails		
Min.	58 °F	Vel.	0 m.p.h.	Read.	28.93 in.			
Set	60 °F	Char.	Calm	Corr.	28.81 in.			
R.H.	79 %	24 hr. Mov.	— mi.	Sea L.	30.14 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+1.65 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Wx	Wx	Wx
						3/10 Ci		2/10 Ci
						M. Sunny + Pleasant		CALM + MOONLIT
						Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

$$\bar{T} = 73$$

$$CDD = 8$$

$$\Sigma CDD = 164$$

$$\Sigma HDD = 6$$

$$\Sigma PCN = 2.79''$$

$$T = 61 \quad T_w = 56 \quad T_o = 52.5$$

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

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

MONDAY, August 30, 1993 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	—	Temp.	69 °F			
Min.	60 °F	Vel.	0 m.p.h.	Read.	28.92 in.			
Set	63 °F	Char.	CALM	Corr.	28.80 in.	OVERNIGHT LOW = 62		
R.H.	82 %	24 hr. Mov.	— mi.	Sea L.	30.12 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+0.7 / mb	Clds.	Clds.	Clds.
						0/10	0/10	<del>0/10</del> <del>X4H</del>
						Wx Valley	Wx	Wx
						Fog E	Warm	H
Ppn.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	Vis.	Vis.
						20 mi.	20 mi.	7 mi.

$$\bar{T} = 73$$

$$T = 64 \quad T_w = 60.5 \quad T_D = 58.5$$

$$CDD = 8$$

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

$$\Sigma CDD = 172$$

$$T_{RAMOS} = 64/55$$

$$\Sigma HDD = 6$$

$$\Sigma PCN = 2.79''$$

Tuesday, August 31, 1993

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	90 °F	Dir.	WSW	Temp.	71 °F			
Min.	63* °F	Vel.	5 m.p.h.	Read.	28.86 in.			
Set	73 °F	Char.	Steady	Corr.	28.74 in.	SAT Low - 71		
R.H.	69 %	24 hr. Mv.	NA mi.	Sea L.	30.04 in.	0700	1300	1900
Clds.	10 C; 1/2 - X	Clds.	-X	Clds.	10/10 Sc			
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+0 - mb	Wx	H	Wx Hazy, warm, humid, breezy
Ppn.	0 in.	Snow Depth	0 in.	Observer	SEG	Vis.	6 mi.	Wx warm, Muggy L. breeze
						Vis.	5 mi.	Vis.
							9 mi.	

$$\bar{T} = 77$$

$$CDD = 12$$

$$\sum CDD = 184$$

$$\sum HDD = 6$$

$$\sum PCN_2 = 2.79''$$

$$T = 73$$

$$T_w = 66$$

$$T_o = 62$$

$$T_{unw} = 71/63$$

$$T_{trans} = 73/62$$