

Saturday Jun. 1, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SW	Temp. 73 °F	- 1200Z LOW LEVEL FOG MITTANY RTG OBSCRD.			
Min. 67 °F	Vel. 3 m.p.h.	Read. 28.69 in.				
Set 70 °F	Char. LGT. & STDY	Corr. 28.9 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. 94.2 mi.	Sea L. 29.85	Clds. 7/10 AC	Clds.	Clds.	
Ppn. 0 in.	Liq. Prev. Dir. W	3 hr. Tend. 740.6 mb	Wx HAZY	Wx	Wx	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer CPB	Vis. 4v.6 mi.	Vis. mi.	Vis. mi.	

$$\bar{T} = 77$$

$$C_{DP} = 12$$

$$\sum H_{DP} = 0$$

$$\sum C_{DP} = \text{[scribble]} 12$$

$$\sum PPN = 0''$$

$$DD = 4$$

$$T_{\text{roof}} = 70^\circ$$

$$T_w = 66^\circ$$

$$T_{\text{RAMOS}} = 59$$

$$T_{\text{UPV}} = 65$$

$$T_{\text{D}} = 61$$

Sunday June 2 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	83 °F		Dir.	NE	Temp.	72 °F	*NOTE* OBS TAKEN AT 0850 LT. 1250 Z.		
Min.	58 °F		Vel.	2 m.p.h.	Read.	28.73 in.			
Set	62 °F		Char.	light	Corr.	28.60 in.			
R.H.	78 %		24 hr. Mov.	55.2 mi.	Sea L.	29.91 in.	0700	1300	1900
Ppn.	0 in.		Prey. Dir.	NW	3 hr. Tend.	- 0 mb	Clds.	5/10 ci	Clds.
Ppn.	0 in.		Snow Depth	0 in.	Observer	LAM	Wx	Hazy SUN	Wx
							Vis.	15 mi.	Vis.
								mi.	mi.

$$T_{roof} = 66$$

$$T_D = 55$$

$$T_w = 59$$

$$T_{bramos} = 49$$

$$\bar{T} = 71$$

$$T_{UNV} = 53$$

$$C_{DD} = 6$$

$$\sum C_{PD} = \blacksquare 18$$

$$\sum H_{PD} = 0$$

$$\sum PPN = 0$$

Monday June 3, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	79 °F	Dir.	—	Temp.	73 °F			
Min.	58 °F	Vel.	0 m.p.h.	Read.	28.62 in.			
Set	63 °F	Char.	CALM	Corr.	28.49 in.			
R.H.	81 %	24 hr. Mov.	23.6 mi.	Sea L.	29.79 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NNE	3 hr. Tend.	70.5 mb	Clds.	2/10 Ci	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Wx	Wx MOSTLY SUNNY	Wx
				Vis.	15 mi.	Vis.		Vis.
							mi.	mi.

$$\bar{T} = 69$$

$$C_{\text{roof}} = 4$$

$$\sum H_{\text{roof}} = 0$$

$$\sum C_{\text{roof}} = 22$$

$$\sum p_{\text{roof}} = 0''$$

$$\text{roof} = 6^\circ$$

$$T_{\text{roof}} = 63^\circ$$

$$T_w = 57^\circ$$

$$T_{\text{RAMOS}} = 50$$

$$T_{\text{WV}} = 55$$

$$T_p = 57$$

Tuesday June 4, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 80 °F	Dir. NE	Temp. 70 °F				RW-- ~2145 LT RW- ~2150 LT RW ~2205 LT (OCNL RW) TRW ~2215 LT-2225LT		
Min. 56 °F	Vel. 12 m.p.h.	Read. 28.67 in.						
Set 58 °F	Char. MODERATE	Corr. 28.55 in.				0700	1300	1900
R.H. 62 %	24 hr. Mov. 66.1 mi.	Sea L. 29.88 in.				Clds. 7/10 cu	Clds.	Clds.
Ppn. .48 in.	Liq. Prev. Dir. SN	3 hr. Tend. 1.2 mb				Wx Sunny	Wx	Wx
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer LAM				Vis. 15 mi var. 45 mi.	Vis. mi.	Vis. mi.

$$T_{\text{roof}} = 58 \quad T_{D \text{ roof}} = 44$$

$$T_w = 51 \quad T_D = 45$$

$$\bar{T} = 68 \quad T_{D \text{ WNV}} = 48$$

$$C_{DD} = 3$$

$$\sum C_{DD} = 25$$

$$\sum H_{DD} = 0$$

$$\sum \text{ppn} = 0.48$$

Wednesday Jun. 5, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. ENE	Temp. 73 °F	*AURORA BOREALIS OBSVD. 0400Z - 0700Z			
Min. 50 °F	Vel. 4 m.p.h.	Read. 28.94 in.	- FEW LENTICULAR CLDS. E @ 1200Z			
Set 53 °F	Char. GUSTS TO 8	Corr. 28.81 in.	0700	1300	1900	
R.H. 64 %	24 hr. Mov. 96.3 mi.	Sea L. 30.16 in.	Clds. 1/10 CU	Clds.	Clds.	
Ppn. 0 in.	Liq. Prev. Dir. N	3 hr. Tend. 141.5 mb	Wx MOSTLY SUNNY	Wx	Wx	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer CPB	Vis. 25 mi.	Vis. mi.	Vis. mi.	

$$\bar{T} = 60$$

$$\ggg = 6$$

$$T_{\gg \text{WNV}} = 45$$

$$H_{\ggg} = 5$$

$$T_{\text{roof}} = 53$$

$$T_{\gg \text{RAMOS}} = 40$$

$$\Sigma H_{\ggg} = 5$$

$$T_{\gg} = 41$$

$$\Sigma C_{\ggg} = 25$$

$$\Sigma \text{ppn.} = 0.48''$$

Thursday June 6 1991
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. ENE	Temp. 76 °F	* Aurora Borealis OBSVD. 0000 LT			
Min. 46 °F	Vel. 5 m.p.h.	Read. 29.09 in.				
Set. 52 °F	Char. light	Corr. 28.95 in.	0700	1300	1900	
R.H. 62 %	24 hr. Mov. 35.0 mi.	Sea L. 30.3 in.	Clds. 7/10 ci 110 Mts. str.	Clds.	Clds.	
Ppn. 0 in.	Liq. N	Prev. Dir.	3 hr. Tend. 11.4 mb	Wx Sunny	Wx	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 20 mi.	Vis. mi.	
					Vis. mi.	

$$T_{\text{roof}} = 56 \quad T_w = 49 \quad T_{D\bullet} = 43$$

$$T_{\text{e. roof}} = 41$$

$$T_{\text{to unv}} = 48$$

$$T = 57$$

$$H_{DP} = 8$$

$$\sum H_{DP} = 13$$

$$\sum C_{DP} = 25$$

$$\sum P_{DP} = 0.48''$$

Friday June 7, 1990

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	69 °F	Dir.	NNE	Temp.	74 °F	* Had canopy back into the kayak for the first time in a number of days.			
Min.	46 °F	Vel.	2 m.p.h.	Read.	29.18 in.				
Set	52 °F	Char.	Bagsy thru	Corr.	29.05 in.				
R.H.	72 %	24 hr. Mov.	26 mi.	Sea L.	30.41 in.	Clds.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	+1 1/2 mb	Clds.	3/10 - (cumulus)	Clds.	
Ppn.	0 in.	Snow Depth	0 in.	Observer	JKK	Wx	Misty Sunny shower	Wx	Wx
				Observer	JKK	Vis.	10 v. 20 mi.	Vis.	
						Vis.		mi.	mi.

$$T_{A..j} = 55 \quad F = 58 \quad \sum p_{A..j} = 0.48''$$

$$T_w = 50 \quad MOD = 7$$

$$T_L = 46 \quad \sum MOD = 20$$

$$CAD = 0$$

$$\sum CAD = 25$$

Saturday June 8, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F		Dir. SW	Temp. 74 °F	- WISPY THIN ci/NW@ OBS TIME		
Min. 50 °F		Vel. 2 m.p.h.	Read. 29.03 in.			
Set 56 °F		Char. VRY. LGT.	Corr. 28.90 in.			
				0700	1300	1900
R.H. 62 %		24 hr. Mov. 21.8 mi.	Sea L. 30.25 in.	Clds. 1/10 Ci	Clds.	Clds.
Ppn. 0 in.	Liq. in.	Prev. Dir. SSW	3 hr. Tend. 70.7 mb	Wx SUNNY	Wx	Wx
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer CPB	Vis. 15 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 63$$

$$H_{\gg} = 2$$

$$\Sigma H_{\gg} = 22$$

$$\Sigma C_{\gg} = 25$$

$$\Sigma p_{PN} = 0.48''$$

$$\gg = 7$$

$$T_{\text{roof}} = 56$$

$$T_w = 49$$

$$T_{d \text{ RANOS}} = 43$$

$$T_{d \text{ UNV}} = 49$$

$$T_d = 43$$

Sunday June 9 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	SSW	Temp.	74 °F			
Min.	54 °F	Vel.	5 m.p.h.	Read.	29.04 in.			
Set	60 °F	Char.	light	Corr.	28.91 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov.	38.4 mi.	Sea L.	30.24 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	NW	3 hr. Tend.	1.18 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	LAM	Vis.	Vis.	Vis.
						15 mi.	mi.	mi.

Clds. $\frac{1}{10}$ ci
contrails

Wx brilliant sun

$$T_{\text{roof}} = 62 \quad T_{\text{dramos}} = 40$$

$$T_w = 54 \quad T_D = 48 \quad T_{\text{DUNV}} = 52$$

$$\bar{T} = 67$$

$$\sum C_{DD} = 2$$

$$\sum H_{DD} = 22$$

$$\sum C_{DD} = 27$$

$$\sum PPN = 0.48''$$

Monday June 10, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. W	Temp. 71 °F			
Min.	59 °F	Vel. 7 m.p.h.	Read. 29.01 in.			
Set	66 °F	Char. STEADY	Corr. 28.89 in.	0700	1300	1900
R.H.	58 %	24 hr. Mov. 37.0 mi.	Sea L. 30.21 in.	Clds. 5/10 C ₁	Clds.	Clds.
Ppn.	Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. 70.4 mb	Wx HAZE	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth — in.	Observer CPB	Vis. 4v.6 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 73$$

$$H_{DD} = 0$$

$$C_{DD} = 8$$

$$\sum H_{DD} = 22$$

$$\sum C_{DD} = 35$$

$$\sum \text{ppv} = 0.48''$$

$$T_{\text{roof}} = 66$$

$$T_w = 57 \quad DD = 9$$

$$T_D = 51$$

$$T_{D \text{ RAMOS}} = 48$$

$$T_{D \text{ UNIV}} = 55$$

Tuesday June 11, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. WSW	Temp. 72 °F	OVRT LO ≈ 67		
Min.	66 °F	Vel. 10 m.p.h.	Read. 28.84 in.	* 7th DAY WITHOUT PRECIP.		
Sea	70 °F	Char. light	Corr. 28.99 in.	0700	1300	1900
R.H.	59 %	24 Hr. Mov. 108.9 mi.	Sea L. 30.30 in.	Clds. 7/10	Clds.	Clds.
Ppn.	0 * Liq. in.	Prev. Dir. SW	3 hr. Tend. - 0 mb	Wx Back to HAZY	Wx	Wx
Ppn.	0 Sol. in.	Snow Depth 0 in.	Observer LAM	Vis. 5 mi.	Vis. mi.	Vis. mi.

$$T_{\text{EMP}} = 70$$

$$T_W = 61$$

$$\bar{T} = 76$$

$$C_{DD} = 11$$

$$\sum C_{DD} = 46$$

$$\sum H_{DD} = 22$$

$$T_{\text{DRAMOS}} = 52$$

$$T_D = 55.5$$

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

$$\sum PPN = .48''$$

Wednesday Jun. 12, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	84 °F		Dir.	E	Temp.	73 °F	RW+ / RB 2110 RE 2125 (.01")		
Min.	61 °F		Vel.	8 m.p.h.	Read.	28.74 in.	RW- / RB 2320 RE 2340 RB ~ 2345 RE 2350 RW / RB 2350 RE 0330		
Set	65 °F		Char.	STEADY	Corr.	28.61 in.	0700	1300	1900
R.H.	90 %		24 hr. Mov.	107.6 mi.	Sea L.	29.92 in.	Clds. 7/10	Clds.	Clds.
Ppn.	0.40 in.		Prev. Dir.	SW	3 hr. Tend.	± 0.2 mb	Wx HAZY SUN / FOG	Wx	Wx
Ppn.	0 in.		Snow Depth	0 in.	Observer	CPB	Vis. 2 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 73 \quad T_{\text{roof}} = 65$$

$$C_{\text{app}} = 8 \quad T_w = 63$$

$$\sum C_{\text{app}} = 54$$

$$\sum H_{\text{app}} = 22$$

$$\sum \text{ppn} = 0.88''$$

$$T_{\text{D RAMOS}} = 56$$

$$T_{\text{D UNV}} = 63$$

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

Thursday June 13 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	79 °F	Dir.	NNW	Temp.	T ~ 1530 LT		
Min.	50 °F	Vel.	9 m.p.h.	Read.	RW - ~1535 LT		
Set	52 °F	Char.	light	28.81 in.	RW + ~1545 LT		
R.H.	63 %	24 hr. Mov.	129.5 mi.	Sea L.	0700	1300	1900
Ppn.	.05 in.	Prev. Dir.	W	3 hr. Tend.	Clds. . cum 10 . ci	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	Wx bright sunshine	Wx	Wx
				Observer	Vis.	Vis.	Vis.
				LAM	30 mi.	mi.	mi.

$$T_{\text{roof}} = 52$$

$$T_w = 46$$

$$\bar{T} = 65$$

$$\sum H_{\text{DD}} = 22$$

$$\sum C_{\text{PD}} = 54$$

$$\sum \text{PPN} = .93''$$

$$T_{\text{D roof}} = 36$$

$$T_0 = 40$$

$$T_{\text{D UNV}} = 41$$

$$T_{M-d} = 55 \quad \bar{T} = 60 \quad \sum P_{M-d} = .93''$$

$$T_w = 48 \quad HDD = 5$$

$$T_L = 41 \quad \sum HDD = 27$$

$$eDD = 0$$

$$\sum eDD = 54$$

Saturday Jun. 15, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	84 °F	Dir.	SSW		Temp.	- Ci OBSVD W @ 12Z		
Min.	53 °F	Vel.	5 m.p.h.		Read.	28.80 n.		
Sea	61 °F	Char.	LT. ESTDY.		Corr.	28.68 n.		
R.H.	60 %	24 hr. Mov.	48.5 mi.		Sea L.	30.00 n.		
Ppn.	0 in.	Prev. Dir.	SW		3 hr. Tend.	140.5 mb		
Ppn.	0 in.	Snow Depth	0 in.		Observer	CPB		
					Vis.	4 v. 6 mi.		
					0700	1300	1900	
					Clds.	Clds.	Clds.	
					Wx	MORN. HAZE		Wx
					Wx			Wx
					Vis.			Vis.
						mi.	mi.	

$$\begin{aligned} \bar{T} &= 69 & T_{\text{roof}} &= 61 & T_{\text{dramos}} &= 47 \\ C_{\text{DD}} &= 4 & T_w &= 53 & T_{\text{dupv}} &= 52 \\ \Sigma C_{\text{DD}} &= 58 & T_d &= 47 & & \\ \Sigma H_{\text{DD}} &= 27 & & & & \\ \Sigma \text{pcv.} &= 0.93'' & & & & \end{aligned}$$

Sunday June 16, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max	90 °F	Dir.	NSW	Temp.	74 °F	# overnight low = 72		
Min.	61 °F	Vel.	8 m.p.h.	Read.	28.65 in.			
Set	74 °F	Char.	light	Corr.	28.52 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov.	116.6 mi.	Sea L.	29.81 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	+1.0 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	LAM	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						5 mi.	mi.	mi.

$$T_{\text{ref}} = 73$$

$$T_D \text{ ref} = 60$$

$$T_W = 68$$

$$T_D = 60$$

$$\bar{T} = 76$$

$$T_{D \text{ unv}} = 68$$

$$C_{DD} = 11$$

$$\sum C_{PD} = 69$$

$$\sum H_{DD} = 27$$

$$\sum PPN = 0.93''$$

Monday June 17, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	86 °F	Dir.	N	Temp.	74 °F	- HAZY @ OBS TIME			
Min.	66 °F	Vel.	5 m.p.h.	Read.	28.75 in.	- NO RAINFALL AT ALL			
Sea	68 °F	Char.	LGT. ESTDY	Corr.	28.62 in.	AFTER A WKEND LOADED W./ POTENTIAL!! *			
R.H.	76 %	24 hr. Mov.	92.1 mi.	Sea L.	29.92 in.	Clds.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	42.0 mb	Wx	6/10 AC		
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Wx	PARTLY SUNNY		
						Vis.	2 1/2 x 4 mi.		

$$\bar{T} = 76$$

$$T_D = 60$$

$$T_{\text{roof}} = 68$$

$$T_{D \text{ Ramos}} = 56$$

$$T_W = 63$$

$$T_{D \text{ UNV}} = 62$$

$$C_{DD} = 11$$

* Thunder heard
~ 1600-1700 LT
CELL SURT

$$\Sigma C_{DD} = 80$$

$$\Sigma H_{DD} = 27$$

$$\Sigma \text{ppm} = 0.93''$$

Tuesday June 18 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	86 °F	Dir.	NE	Temp.	73 °F			
Min.	65 °F	Vel.	3 m.p.h.	Read.	28.90 in.			
Set	67 °F	Char.	VERY LIGHT	Corr.	28.77 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov.	49.4 mi.	Sea L.	30.09 in.	Clds.	10/10	Clds.
Ppn.	0 in.	Liq.	Prev. Dir.	3 hr. Tend.	1+1 mb	Wx	ONC	Wx
Ppn.	0 in.	Sol.	Snow Depth	Observer	LAM	Vis.	2 mi.	Vis.
			0 in.				mi.	mi.

$$T_{max} = 67 \quad T_{frames} = 56$$

$$T_W = 64 \quad T_D = 62$$

$$\bar{T} = 76 \quad T_{D \text{ unv}} = 62$$

$$C_{DD} = 11$$

$$\Sigma C_{DD} = 91$$

$$\Sigma H_{DD} = 27$$

$$\Sigma PPN = 0.93''$$

Wednesday Jun 19, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. ENE	Temp. 72 °F	L- 2080SZ ~1545 → 1615Z		
Min.	63 °F	Vel. 3 m.p.h.	Read. 28.93 in.			
Sea	64 °F	Char. VRY. LGT.	Corr. 28.80 in.			
R.H.	93 %	24 hr. Mov. 69.9 mi.	Sea L. 30.12 in.	Clds. 10/10	Clds.	Clds.
Ppn.	T in.	Prev. Dir. E	3 hr. Tend. 140.5 mb	Wx OVC/F	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer CPB	Vis. 1 1/2 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 67$$

$$C_{\gg} = 2$$

$$\sum C_{\gg} = 93$$

$$\sum H_{\gg} = 27$$

$$\sum \text{ppn.} = 0.93''$$

$$T_{\text{roof}} = 64$$

$$T_W = 63$$

$$T_{\text{PRAMOS}} = 55$$

$$T_{\text{DUUV}} = 61$$

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

Thursday June 20 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F		Dir. WSW	Temp. 72 °F	L ~ 845 LT 7th consecutive day without measurable precip.		
Min. 61 °F		Vel. 2 m.p.h.	Read. 28.92 in.			
Set 65 °F		Char. very light	Corr. 28.79 in.	0700	1300	1900
R.H. 84 %		24 hr. Mov. 25 mi.	Sea L. 30.10 in.	Clds. 3/10 Hazy	Clds.	Clds.
Ppn. 7 in.	Liq.	Prev. Dir. SSW	3 hr. Tend. +0.5 mb	Wx HAZY	Wx	Wx
Ppn. 0 in.	Sol.	Snow Depth 0 in.	Observer LAM	Vis. 5.8 mi.	Vis. mi.	Vis. mi.

$$T_{\text{roof}} = 66 \quad T_{\text{DRAINOS}} = 56$$

$$T_W = 63 \quad T_D = 61$$

$$\bar{T} = 61 \quad T_{\text{DOWN}} = 63$$

$$C_{\text{PD}} = 4$$

$$\Sigma C_{\text{PD}} = 97$$

$$\Sigma H_{\text{DD}} = 27$$

$$\Sigma \text{PPN} = 0.93''$$

Fri. June 21 1971 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	89 °F	Dir.	—	Temp.	74 °F			
Min.	61 °F	Vel.	0 m.p.h.	Read.	28.87 in.			
Set	67 °F	Char.	Calm	Corr.	28.74 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov.	32 mi.	Sea L.	30.03 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	+1.1 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	JCK	Vis.	15 mi.	mi.

$$T_{avg} = 71 \quad \bar{T} = 75 \quad \Sigma \mu_i = 0.93''$$

$$T_u = 63 \quad \Sigma AD = 0$$

$$T_L = 58 \quad \Sigma HD = 27$$

$$CD = 10$$

$$\Sigma CD = 107$$

Saturday Jun. 22, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max 93 °F	Dir. NNE	Temp. 72 °F	* RAMOS IS DOWN						
Min. * 67 °F	Vel. 6 m.p.h.	Read. 28.7 in.	RW - 0625Z - 0640Z						
Set 69 °F	Char. G. TO 10	Corr. 28.61 in.	* TIED A MAX. MIN. (67°) [ALSO '21, '53, '54, '64, '76]						
R.H. 73 %	24 hr. Mov. * mi.	Sea L. 29.91 in.	0700	1300	1900				
Ppn. .02 in.	Liq. *	3 hr. Tend. 170.6 mb	Clds. Ac. 7/10 (BKN)	Clds.	Clds.				
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer CPB	Vis. 4 mi. (HAZE)	Vis. mi.	Vis. mi.			
						Wx MSTLY. CLOUDY			

$$\bar{T} = 80$$

$$C_{\gg} = 15$$

$$\Sigma C_{\gg} = 122$$

$$\Sigma H_{\gg} = 27$$

$$\Sigma ppn. = 0.95''$$

$$T_{roof} = 69$$

$$T_w = 63$$

$$T_D = 60$$

$$T_{unv} = 58$$

$$T_{RAMOS} = (NA)$$

Sunday June 23 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NE	Temp. 75 °F	R - ~1930 LT			
Min. 57 °F	Vel. 10 m.p.h.	Read. 28.88 in.	change to rain after midnight			
Set 58 °F	Char. light	Corr. 28.75 in.	* RAMOS is down			
R.H. 100 %	24 hr. Mov. * mi.	Sea L. 30.08 in.	Clds. status 10. Scud	0700	1300	1900
Ppn. Liq. .67 in.	Prev. Dir. *	3 hr. Tend. +20 mb	Wx light rain	Wx	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 2 mi.	Vis. mi.	Vis. mi.	Vis. mi.

$$T = 58$$

$$T_w = 58$$

$$\bar{T} = 67$$

$$C_{DD} = 2$$

$$\sum C_{DD} = 124$$

$$\sum H_{DD} = 27$$

$$\sum PPN = 162$$

$$T_D = 58$$

$$\bar{T}_D \text{ UNV} = \text{Missing}$$

Monday Jun 24, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	-	Temp.	73 °F	- 3 DAY PRECIP. TOTAL = 0.86"			
Min.	53 °F	Vel.	0 m.p.h.	Read.	29.07 in.	* RAMOS ZOWN			
Set	55 °F	Char.	CALM	Corr.	28.94 in.	RW - (OBS TIME → 1530Z)			
R.H.	100 %	24 hr. Mov.	* mi.	Sea L.	30.29 in.	0700	1300	1900	
Ppn.	0.17 in.	Prev. Dir.	*	3 hr. Tend.	41.2 mb	Clds.	Clds.	Clds.	
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Wx	Wx	Wx	
						Wx	Wx	Wx	
						Vis.	Vis.	Vis.	
						1/8 mi.			

$$T_{\text{roof}} = SS \quad T_{\text{RAMOS}} = NA$$

$$T_{\text{D}} = SS \quad T_{\text{UNU}} = SS / (T = SS)$$

$$\bar{T} = 61$$

$$C_{\text{D}} = 0$$

$$H_{\text{D}} = 4$$

$$\sum \text{ppn.} = 1.79''$$

$$\sum H_{\text{D}} = 31$$

$$\sum C_{\text{D}} = 124$$

Tuesday June 25 1981

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Djr. NNE	Temp. 74 °F			
Min.	55 °F	Vel. 4 m.p.h.	Read. 29.08 in.			
Set	59 °F	Char. light	Corr. 28.95 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. 34.8 mi.	Sea L. 30.29 in.	Clds. 4/10	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. 41.5 mb	Wx HAZY	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer LAM	Vis. 10 & 15 mi.	Vis. mi.	Vis. mi.

$$\begin{array}{ll} T_{\text{roof}} = 61 & T_{\text{drains}} = 48 \\ \overline{T} = 60 & T_d = 53 \\ C_{\text{DD}} = 1 & T_{\text{d on V}} = 56 \\ \sum H_{\text{DD}} = 31 & \sum \text{DPN} = 1.79'' \\ \sum C_{\text{DD}} = 125 & \end{array}$$

Wednesday Jun. 26, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	-	Temp.	70 °F			
Min.	56 °F	Vel.	0 m.p.h.	Read.	29.07 in.			
Set	62 °F	Char.	CALM	Corr.	28.95 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov.	73.6 mi.	Sea L.	30.28 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	+1.0 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Vis.	Vis.	Vis.
						4v.6 mi.	mi.	mi.
						(VARDO)		

Clds. 4/10 AL
Wx MSTRY.
SUNNY

$$\bar{T} = 69$$

$$T_{d_{\text{RAMOS}}} = 48$$

$$C_{\text{DD}} = 4$$

$$T_{d_{\text{UVV}}} = 53$$

$$\Sigma H_{\text{DD}} = 31$$

$$T_w = 54 / T_d = 48$$

$$\Sigma C_{\text{DD}} = 129$$

$$\Sigma \text{PPN} = 1.79''$$

Thursday June 27 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	NNE	Temp.	71 °F			
Min.	58 °F	Vel.	4 m.p.h.	Read.	29.06 in.			
Set	62 °F	Char.	light	Corr.	28.94 in.	0700	1300	1900
R.H.	70 %	24 hr. Mov.	58.8 mi.	Sea L.	30.27 in.	Clds.	9/10	Clds.
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	+2.5 mb	Wx	Hazy	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	LAM	Vis.	20 mi.	Vis.

$$T_{\text{roofs}} = 63$$

$$T_{\text{Dramas}} = 48$$

$$T_W = 57$$

$$T_D = 53$$

$$\bar{T} = 71$$

$$T_{\text{D UNV}} = 54$$

$$C_{DD} = 6$$

$$\Sigma C_{DD} = 135$$

$$\Sigma HPD = 31$$

$$\Sigma PPN = 1.7911$$

Fr. day June 28 1991 0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.			
Max.	88 °F	Dir. W	Temp. 72 °F			
Min.	62 °F	Vel. 3 m.p.h.	Read. 29.02 in.	• 0100 low: 63		
Set	68 °F	Char. Light	Corr. 28.89 in.	0700	1300	1900
R.H.	87 %	24 hr. Mov. 51 mi.	Sea L. 30.20 in.	Clds. 2/10 clouds	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. WSW	3 hr. Tend. + 1/2 / mb	Wx • Heavy SW	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JKK	Vis. 6 mi.	Vis. mi.	Vis. mi.

$$\begin{array}{lll} T_{\text{roof}} = 69 & \bar{T} = 75 & \sum P_{\text{roof}} = 1.79'' \\ T_w = 66 & \text{HDA} = 0 & \sum P_{\text{w}} = 0'' \\ T_d = 65 & \sum \text{HDA} = 31 & \\ & \text{CDA} = 10 & \\ & \sum \text{CDA} = 145 & \end{array}$$

Saturday Jun. 29, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	90 °F	Dir. SW	Temp. 74 °F			
Min.	68 °F	Vel. 5 m.p.h.	Read. 28.88 in.			
Set	73 °F	Char. STDY.	Corr. 28.75 in.	0700	1300	1900
R.H.	74 %	24 hr. Mov. 87.0 mi.	Sea L. 30.04 in.	Clds. 2/10 Ci	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. -0 mb	Wx HAZY SUNSHINE	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer CPB	Vis. 2v.4 mi.	Vis. mi.	Vis. mi.

$$\begin{aligned} \bar{T} &= 79 & T_{\text{Roof}} &= 73 \\ C_{\text{DD}} &= 14 & T_w &= 67 \end{aligned} \left. \vphantom{\begin{aligned} \bar{T} &= 79 \\ C_{\text{DD}} &= 14 \end{aligned}} \right\} T_d = 64$$
$$\begin{aligned} \Sigma H_{\text{DD}} &= 31 & T_{d \text{ RAMOS}} &= 59 \\ \Sigma C_{\text{DD}} &= 159 & T_{d \text{ UNV}} &= 65 * \end{aligned}$$

(* WALKER ROOF $T = 73^\circ$
@ 12Z / UNV $\rightarrow 76^\circ$)

$$\Sigma \text{ppn.} = 1.79''$$

Sunday June 30 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	88 °F	Dir.	SW	Temp.	75 °F				
Min.	72 °F	Vel.	12 m.p.h.	Read.	28.73 in.	Min. Not a Max. Min. that was set 7945 (76°)			
Set	75 °F	Char.	MODERATE	Corr.	28.60 in.				0700
R.H.	74 %	24 hr. Mov.	101.5 mi.	Sea L.	29.89 in.	Clds.	.ci 4/10 .mzsc	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	-0 mb	Wx	HAZY	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	LAM	Vis.	3 mi.	Vis.	mi.

$$T_{\text{cool}} = 76$$

$$T_{\text{D}} = 61$$

$$T_{\text{W}} = 70$$

$$T_{\text{D}} = 67$$

$$T = 80$$

$$T_{\text{DUNV}} = 68$$

$$C_{\text{DD}} = 15$$

$$\Sigma H_{\text{DD}} = 31$$

$$\Sigma C_{\text{DD}} = 164$$

$$\Sigma \text{PPN} = 1.79''$$