

Fri MAY 1, 1907

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	56 °F	Dir.	SW	Temp.	PATCHY ci ovhd Cirrostratus SW		
Min.	33 °F	Vel.	8 m.p.h.	Read.	28.68		
Set	39 °F	Char.	variable 6-12	Corr.	28.56		
R. H.	47 %	24 hr. Mov.	197 mi.	Sea L.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	3/10		
					Wx	Wx	Wx
					✓ +0 mb		
					Wx		
					SET		
					Vis.	Vis.	Vis.
					30 mi.		

$$T_{\text{root}} = 42$$

$$T_w = 35$$

$$\bar{T} = 45$$

$$H_{00} = 20$$

SATURDAY, MAY 2, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F		Dir. SW	Temp. 74 °F	RB ~ 0730 LT 20d		
Min. 39 °F		Vel. 3 m.p.h.	Read. 28.73			
Set 48 °F		Char. Gentle	Corr. 28.60			
				0700	1300	1900
R. H. 52 %		24 hr. Mov. 1142 N.	Sea L. 29.95	Clds. 10/10 St	Clds.	Clds.
Ppn. Liq. T in.		Prev. Dir. W	3 hr. Tend. +1.4mb ✓	Wx Light Rain	Wx	Wx
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer JEL	Vis. 20 Miles	Vis.	Vis.

$$\bar{T} = 51$$

$$T_{\text{roof}} = 49$$

$$T_d (\text{LAW}) = 32$$

$$H_{DD} = 14$$

$$\sum H_{DD} = 34$$

$$\sum P_{\text{AW}} = \text{Trace}$$

$$T_{\text{MAX}} = 86 \quad 1938$$

$$T_{\text{MIN}} = 31 \quad 1932$$

Sunday May 3, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	NE	Temp.	73	L- before 0745 LT R began ~ 0745 LT May 3		
Min.	48 °F	Vel.	3 m.p.h.	Read.	28.83			
Set	48 °F	Char.	light	Corr.	28.70			
R. H.	80 %	24 hr. Mov.	49 mi	Sea L.	30.06	0700	1300	1900
Ppn.	0.11 in.	Prev. Dir.	S	3 hr. Tend.	+0.8 mb ✓	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	LAS	Wx	Wx	Wx
				Vis.	2 mi.	Wx	Wx	Wx
						Vis.	Vis.	Vis.

$$T_d = 42$$

$$\bar{T} = 54$$

$$H_{00} = 11$$

$$\sum H_{00} = 45$$

$$\sum P_{cn} = .11$$

Mon. May 4, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. NE	Temp. 72			
Min.	41 °F	Vel. 8 m.p.h.	Read. 29.05			
Set	41 °F	Char. variable	Corr. 28.92			
R. H.	86 %	24 hr. Mov. 86 mi	Sea L. 30.31	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	1.05 in.	Prev. Dir. NE	3 hr. Tend. +1.5 <sup>✓</sup> mb	Wx RF	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer LAS	Vis. 3 mi	Vis.	Vis.

$$\bar{T}_d = 37$$

$$\bar{T} = 45$$

$$H_{00} = 20$$

$$\sum H_{00} = 65$$

$$\sum P_{cn} = 1.16$$



Tues. May 5, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		light ground fog to E		
Max.	58°F	Dir.	-	Temp.	72			
Min.	34°F	Vel.	0 m.p.h.	Read.	29.08			
Set	39°F	Char.	calm	Corr.	28.95			
R. H.	79%	24 hr. Mov.	56 mi	Sea L.	30.34	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds.	3/10	Clds.	Clds.	
	0.11 in.	NE	+0.1 mb	Wx		Wx	Wx	
Ppn.	Sol.	Snow Depth	Observer	Vis.	35 mi	Vis.	Vis.	
	0 in.	0 in.	LAS					

$$T_d = 33$$

$$\bar{T} = 46$$

$$H_{00} = 19$$

$$\sum H_{00} = 84$$

$$\sum P_{en} = 1.27$$

Wednesday May 6, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. WSW	Temp. 73°F	Overnite low ~ 45°F		
Min.	39 °F	Vel. 5 m.p.h.	Read. 28.96			
Set	49 °F	Char. -	Corr. 28.84			
R. H.	50 %	24 hr. Mov. 76 mi.	Sea L. 30.20	0700 Clds. 5/10	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. N	3 hr. Tend. +0.0mb-	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer RLB	Vis. 25 mi	Vis.	Vis.

$$T_{(roof)} = 51^{\circ}F$$

$$T_{d(roof)} = 33^{\circ}F$$

$$\bar{T} = 52$$

$$H_{DD} = 13$$

$$\Sigma H_{DD} = 97$$

$$\Sigma R_{(w)} = 1.27''$$

Thurs. May 7, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	73 °F	Dir.	WSW	Temp.	74		
Min.	49 °F	Vel.	3 m.p.h.	Read.	28.79		
Set	53 °F	Char.	light	Corr.	28.66		
R. H.	56 %	24 hr. Mov.	150 mi	Sea L.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	Wx	Wx	Wx
					Vis.	Vis.	Vis.
					30 mi		

$$T_d = 38$$

$$\bar{T} = 61$$

$$H_{00} = 4$$

$$\Sigma H_{00} = 101$$

$$\Sigma P_{in} = 1.27''$$

Friday, May 8, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. Calm	Temp. 74 °F			
Min.	35 °F	Vel. 0 m.p.h.	Read. 28.81			
Set	43 °F	Char. Calm	Corr. 28.68	Ramos overnight low = 39 °F		
R. H.	58 %	24 hr. Mov. 125.4 mi	Sea L. 30.05	0700	1300	1900
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. +1.5mb ✓	Clds. 5/10 Ci 5/10 Str Cu	Clds.	Clds.
Ppn.	0 in.	Snow Depth 0 in.	Observer JAP	Wx ∞	Wx	Wx
				Vis. 25mi	Vis.	Vis.

$$T_w = 40^\circ\text{F} \quad T_{\text{dry}} = 46^\circ\text{F}$$

$$T_d = 32^\circ\text{F}$$

$$\bar{T} = 51$$

$$H_{00} = 14$$

$$\sum H_{00} = 115$$

$$\sum p_{cn} = 1.27''$$



SATURDAY, MAY 9, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. SW	Temp. 75° F	BEAUTIFUL MORNING		
Min.	40 °F	Vel. 10 m.p.h.	Read. 28.93			
Set	47 °F	Char. Steady	Corr. 28.80			
R. H.	52 %	24 hr. Mov. 116.3 Miles	Sea L. 30.16	0700 Clds. 1/10	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. WNW	3 hr. Tend. +0.6mb ✓	Wx Sunny	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JEL	Vis. 40 Miles	Vis.	Vis.

$$\bar{T} = 54$$

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

$$T_{\text{LNU}} = 31$$

$$H_{\text{DD}} = 11$$

$$\sum H_{\text{DD}} = 126$$

$$\sum \text{PEN} = 1.27$$

$$T_{\text{MAX}} = 93 \quad 1979$$

$$T_{\text{MIN}} = 27 \quad 1966$$

$$T_{\text{AVG}} = 68/47$$

Sunday, May 10, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72°F	Dir. SW	Temp. 78°F			
Min.	47°F	Vel. 10 m.p.h.	Read. 28.74			
Set	64°F	Char. Variable 8-15 mph	Corr. 28.60	Ramos overnight low = 57°F		
R. H.	48%	24 hr. Mov. 156.9 mi	Sea L. 29.90	0700	1300	1900
Ppn.	Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.6 mb	Clds. 7/10 Ci	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Wx ∞	Wx	Wx
				Vis. 15 mi	Vis.	Vis.

$$T_w = 50^\circ\text{F} \quad T_{\text{dry}} = 65^\circ\text{F} \quad d_d = 11$$

$$T_d = 45^\circ\text{F}$$

$$\bar{T} = 60^\circ\text{F}$$

$$H_{00} = 5$$

$$\sum H_{00} = 131$$

$$\sum p_{cn} = 1.27''$$

Monday, May 11, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83°F	Dir. SW	Temp. 79°F	Low-lying fog east		
Min.	53°F	Vel. 2 m.p.h.	Read. 28.79			
Set	60°F	Char. Steady	Corr. 28.65			
R. H.	69%	24 hr. Mov. 138.3 mi	Sea L. 29.97	Rains Overnight Low = 56°		
				0700	1300	1900
				Clds. 7/10 Ci Cu	Clds.	Clds.
Ppn.	Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1.0 /	Wx ∞	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Vis. 15 mi	Vis.	Vis.

$$T_w = 56^\circ\text{F}$$

$$T_{dry} = 62 \quad dd = 6$$

$$T_d = 51.5^\circ\text{F}$$

$$\bar{T} = 68^\circ\text{F}$$

$$H_{00} = 0$$

$$\sum H_{00} = 131$$

$$\sum pcn = 1.27''$$

Tuesday, May 12, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. WSW	Temp. 73 °F	Low lying Fog ENE		
Min.	60 °F	Vel. 10 m.p.h.	Read. 28.64			
Set	67 °F	Char. Variable WNW - SW	Corr. 28.51			
R. H.	68 %	24 hr. Mov. 88.2	Sea L. 29.81	Clds. C. 4/10 C. 5+	Clds.	Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. +1.01	Wx ∞	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer RCD	Vis. 10 mi. 1/2	Vis.	Vis.

$$T_d = 57^\circ\text{F}$$

$$T_w = 61^\circ\text{F} \quad T_{d-y} = 68^\circ\text{F} \quad dd = 7^\circ\text{F}$$

$$\bar{T} = 72^\circ\text{F}$$

$$H_{DD} = 0$$

$$\sum H_{DD} = 131$$

$$\sum pen = 1.27''$$



Wednesday May 13, 1987  
0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	NE	Temp.	69 °F	Lowlying Fog ENE		
Min.	43 °F	Vel.	7 m.p.h.	Read.	29.03			
Set	50 °F	Char.	Steady	Corr.	28.91			
R. H.	73 %	24 hr. Mov.	<del>M</del>	Sea L.	30.21	Clds.	3/10 Cirrus	
Ppn.	T in.	Prev. Dir.	<del>NE</del>	3 hr. Tend.	+1.51	Wx	∞	
Ppn.	0 in.	Snow Depth	0 in.	Observer	RCD	Vis.	22 mi.	

$$T_w =$$

$$T_{dry} =$$

$$dd =$$

$$\bar{T} = 57^\circ$$

$$H_{00} = 8$$

$$\sum H_{00} = 139$$

$$\sum pcr = 1.27''$$

Thursday, MAY 14, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	71°F	Dir.	S	Temp.	68°F	BINORC		
Min.	45°F	Vel.	6 m.p.h.	Read.	28.98			
Set	52°F	Char.	Steady	Corr.	28.86			
R. H.	69%	24 hr. Mov.	Rain out	Sea L.	30.22	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	Rain out	3 hr. Tend.	+0.3mb ✓	Wx	Wx	Wx
						∞		
Ppn.	0 in.	Snow Depth	0 in.	Observer	JAP	Vis.	Vis.	Vis.
						20mi.		

$$T_w = 48^\circ\text{F} \quad T_{\text{dry}} = 53^\circ\text{F} \quad dd = 5^\circ$$

$$T_d = 43^\circ\text{F}$$

$$\bar{T} = 58^\circ\text{F}$$

$$H_{00} = 7$$

$$\sum H_{00} = 146$$

$$\sum p_{cn} = 1.27''$$

Friday May 15, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. W	Temp. 75 °F			
Min.	52 °F	Vel. 8 m.p.h.	Read. 28.72			
Set	61 °F	Char. steady	Corr. 28.59			
R. H.	90 %	24 hr. Mov. Ramos out	Sea L. 29.89	0700 Clds. 10 Str Cum	1300 Clds.	1900 Clds.
Ppn.	Liq. .22 in.	Prev. Dir. Ramos out	3 hr. Tend. +.5 ✓	Wx Fog ∞	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer RCD	Vis. 8 mi	Vis.	Vis.

$$T_w = 62^\circ\text{F} \quad T_{\text{dry}} = 64^\circ\text{F} \quad dd = 2^\circ\text{F}$$

$$T_d = 61^\circ\text{F}$$

$$\overline{T} = 63^\circ\text{F}$$

$$H_{DD} = 2$$

$$\Sigma H_{DD} = 148$$

$$\Sigma \text{pen} = 1.49''$$

SATURDAY, MAY 16, 1987 00 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	73 °F	Dir.	—	Temp.	"PRISTINE SKY"			
Min.	38 °F	Vel.	CALM in. p.h.	Read.				29.03
Set	45 °F	Char.	—	Corr.				28.91
R. H.	71 %	24 hr. Mov.	M	Sea L.	30.29	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+10 mb	Clds.	0/10	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JEL	Wx	Sunny	Wx
						Vis.	40 Mi.	Vis.

$$\bar{T} = 56 \quad T_{AVG} = 70/49$$

$$T_{root} = 47$$

$$T_c(\text{unw}) = 38$$

$$H_{DD} = 9$$

$$\sum H_{DD} = 157$$

$$\sum R_{ed} = 1.49^*$$

$$T_{max} = 92 \ 1962$$

$$T_{min} = 29 \ 1984$$



Sunday May 17, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	75°F	Dir.	SW	Temp.	72			
Min.	46°F	Vel.	5 m.p.h.	Read.	28.80			
Set	54°F	Char.	STEADY	Corr.	28.67			
R. H.	57%	24 hr. Mov.	RAMOS OUT	Sea L.	29.97	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	RAMOS OUT	3 hr. Tend.	+1.0	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	RCD	Wx	Wx	Wx
				Vis.	23 mi.	Wx	Wx	Wx

$$T_d = 45$$

$$T_w = 52^\circ\text{F} \quad T_{dry} = 60^\circ\text{F} \quad \phi_d = 8^\circ\text{F}$$

$$\bar{T} = 60^\circ\text{F}$$

$$H_{DD} = 5$$

$$\sum H_{DD} = 142$$

$$\sum P_{en} = 1.49''$$

T

Monday May 18, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	86 °F	Dir.	WSW	Temp.	low lying fog ENE		
Min.	50 °F	Vel.	8 m.p.h.	Read.			
Set	65 °F	Char.	variable	Corr.			
					0700	1300	1900
R. H.	59 %	24 hr. Mov.	RAMOS out	Sea L.	Clds.	Clds.	Clds.
				29.88	4/10 ci		
Ppn.	0 in.	Prev. Dir.	RAMOS out	3 hr. Tend.	Wx	Wx	Wx
				STEADY			
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				RCD	18 mi.		

$$T_w = 59^\circ\text{F} \quad T_{dry} = 68^\circ\text{F} \quad dd = 9^\circ\text{F}$$

$$T_d = 53^\circ\text{F}$$

$$\bar{T} = 68^\circ\text{F}$$

$$H_{DD} = 0$$

$$\sum H_{DD} = 162$$

$$\sum pen = 1.49''$$

Tues., May 19, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82°F	Dir. ENE	Temp. 76°F	Ridge Obscured		
Min.	57°F	Vel. 11 m.p.h.	Read. 28.75			
Set	57°F	Char. variable 8-13 mph	Corr. 28.61			
R. H.	100%	24 hr. Mov. 43.8	Sea L. 29.94	0700 Clds. 10/10 str cu	1300 Clds.	1900 Clds.
Ppn. Liq.	0.48 in.	Prev. Dir. N	3 hr. Tend. +1.9mb/	Wx Fog, 99	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JAP	Vis. 1/2 mi	Vis.	Vis.

$$T_w = 57 \quad T = 57$$

$$T_d = 57$$

$$\bar{T} = 62$$

$$H_{00} = 3$$

$$\sum H_{00} = 165$$

$$\sum p_{cm} = 1.97''$$

Wed, May 20, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58°F	Dir. E	Temp. 70°F	Top of ridge obscured		
Min.	43°F	Vel. 4 m.p.h.	Read. 28.91			
Set	44°F	Char. light	Corr. 28.79			
R. H.	93%	24 hr. Mov. 98.7mi	Sea L. 30.16	0700	1300	1900
Ppn.	Liq. 0.92 in.	Prev. Dir. E	3 hr. Tend. +0.8mb ✓	Clds. 10/10 Str. fract. 10/10 Str. cu.	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Wx Fog, 99	Wx	Wx
				Vis. 2 mi	Vis.	Vis.

$$T_w = 45^\circ\text{F} \quad T = 46^\circ\text{F}$$

$$T_d = 44^\circ\text{F}$$

$$\bar{T} = 51$$

$$H_{00} = 14$$

$$\sum H_{00} = 179$$

$$\sum p_{cn} = 2.89''$$



Thursday, May 21, 1987  
0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	SE	Temp.	66 °F	low level clouds		
Min.	44 °F	Vel.	5 m.p.h.	Read.	28.96			
Set	52 °F	Char.	variable	Corr.	28.85	Ramos overnight low 49 °F		
R. H.	93 %	24 hr. Mov.	35.8 mi	Sea L.	30.20	Clds.	19/10 str cu	
Ppn.	.01 in.	Prev. Dir.	E	3 hr. Tend.	+ .5 ✓	Wx		
Ppn.	0 in.	Snow Depth	0 in.	Observer	RCD	Vis.	14 mi	
						0700	1300	1900
						Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Vis.	Vis.	Vis.

$$T_v = 52^\circ\text{F} \quad T_{dry} = 53$$

$$T_d = 51^\circ\text{F}$$

$$\bar{T} = 49$$

$$H_{DD} = 16$$

$$\sum H_{DD} = 195$$

$$\sum pen = 2.90''$$

FRI., MAY 22, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. SSW	Temp. 66	BINOVIC		
Min.	52 °F	Vel. 12-20 m.p.h.	Read. 28.94			
Set	61 °F	Char. Gusty	Corr. 28.83			
R. H.	89 %	24 hr. Mov. 96 mi.	Sea L. 30.16	RAMS overnight low = 58		
Ppn.	Liq. T in.	Prev. Dir. SE	3 hr. Tend. +0.5 mb	0700	1300	1900
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Clds. 10/10 v	Clds.	Clds.
				Wx OVC/00	Wx	Wx
				Vis. 2 1/2 mi.	Vis.	Vis.

$$T_w = 60$$

$$\bar{T} = 57$$

$$H_{DD} = 8$$

$$E_{DD} = 203$$

$$E_{pw} = 2.90''$$

Saturday, May 23, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	-	Temp.	68	OUNT LOW ~ 64		
Min.	61 °F	Vel.	- m.p.h.	Read.	29.00			
Set	65 °F	Char.	CALM	Corr.	28.88			
R. H.	90 %	24 hr. Mov.	109 mi	Sea L.	30.20	0700	1300	1900
Ppn.	- in.	Prev. Dir.	S	3 hr. Tend.	+1.1mb/	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	FJG	Wx	Wx	Wx
				Observer	Bmi	Wx	Wx	Wx
				Vis.		Wx	Wx	Wx
				Vis.		HAZE		
				Vis.				

$$T_d = 62^\circ$$

$$\bar{T} = 71$$

$$\sum D_i = 203$$

$$\sum PCN = 290''$$

SUN, MAY 24, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. NW	Temp. 66	Ci - NW, N Small Cu developing over ridges		
Min.	58 °F	Vel. 8 m.p.h.	Read. 28.90			
Set	59 °F	Char. STEADY	Corr. 28.79			
R. H.	78 %	24 hr. Mov. 83	Sea L. 30.12	0700 Clds. 1/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. WSW	3 hr. Tend. +1.5 mb	Wx HAZY	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer. JHM	Vis. 2VB	Vis.	Vis.

$$T_{WF} = 60$$

$$T_W = 56$$

$$\bar{T} = 72$$

$$H_{00} = 0$$

$$\Sigma_{00} = 203$$

$$\Sigma_{pw} = 2.90''$$



Mon., May 25, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	75°F	Dir.	Calm	Temp.	66°F	mt. Nittany & Ridge obscured		
Min.	55°F	Vel.	0 m.p.h.	Read.	28.93			
Set	57°F	Char.	Calm	Corr.	28.82			
R. H.	94%	24 hr. Mov.	43.6 mi	Sea L.	30.16	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	Broad cumulonimbus	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JAP	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						1/2 mi		

$$T_w = 56 \quad T_d = 57 \quad dd = 1$$

$$T_d = 55.3^\circ\text{F}$$

$$\bar{T} = 65$$

$$H_{00} = 0$$

$$\sum H_{00} = 203$$

$$\sum p_{cn} = 2.90''$$

Tuesday, May 26, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. SSW	Temp. 66°F	Top of Ridge much mt. Nittany obscured  low lying Fog ENE		
Min.	57 °F	Vel. 7 m.p.h.	Read. 28.96			
Set	59 °F	Char. steady	Corr. 28.85			
R. H.	95 %	24 hr. Mov. 78.2	Sea L. 30.20	Clds. 10 St	0700	1300
Ppn. Liq.	0 in.	Prev. Dir. S	3 hr. Tend. + 1.0 mb	Wx	Wx	1900
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer RCD	Vis. 2 mi	Vis.	Vis.

$$\sum PCN = 2.90''$$

$$\sum H_{DD} = 206$$

$$H_{DD} = 3$$

$$\bar{T} = 62$$

$$T_d = 57.0 f$$

$$T_v = 58.0 f \quad T_{dy} = 60.0 f \quad dd = 2.0 f$$

WED., MAY 27, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. SSW	Temp. 66			
Min.	58 °F	Vel. 8 m.p.h.	Read. 28.97			
Set	58 °F	Char. Variable 5-10	Corr. 28.87			
R. H.	94 %	24 hr. Mov. 90 mi.	Sea L. 30.21	0700 Clds. 10/10-U	1300 Clds.	1900 Clds.
Ppn. Liq.	0.08 in.	Prev. Dir. S	3 hr. Tend. ↑ +.5mb	Wx OVC/FG	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 1 mi.	Vis.	Vis.

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

$$T_w = 58$$

$$\bar{T} = 61$$

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

$$\Sigma_{\text{DD}} = 210$$

$$\Sigma_{\text{PCW}} = 2.98''$$

THURS MAY 28, 1987 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. SW	Temp. 66			
Min.	58 °F	Vel. 7 m.p.h.	Read. 28.95			
Set	61 °F	Char. STDY	Corr. 28.85			
R. H.	97 %	24 hr. Mov. 69 MI.	Sea L. 30.18	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. S	3 hr. Tend. STDY	Wx FOG	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer MPR	Vis. 1/2-1 MI.	Vis.	Vis.

$$T_{\text{roof}} : 62$$

$$T_w : 61.5$$

$$\bar{T} : 62$$

$$H_{00} : 3$$

$$\sum_{00} : 213$$

$$\sum_{\text{pcN}} : 2.98''$$



FRIDAY MAY 29, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	WSW	Temp.	69			
Min.	61 °F	Vel.	6 m.p.h.	Read.	28.90			
Set	67 °F	Char.	STDY	Corr.	28.79			
R. H.	86 %	24 hr. Mov.	59 MI	Sea L.	30.09	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	/ +1 mb	Clds.	Clds.	Clds.
						0/10		
Ppn.	0 in.	Snow Depth	0 in.	Observer	MPR	Wx	Wx	Wx
						HAZE		
						Vis.	Vis.	Vis.
						1-2 MI		

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

$$T_w = 67$$

$$\bar{T} = 74$$

$$H_{DD} = 0$$

$$\sum DD = 213$$

$$\sum PCN = 2.98''$$

SATURDAY, MAY 30, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	90 °F	Dir. SW	Temp. 71	RW - 1515 <sup>20</sup> on 5/29/87 LOT		
Min.	63 °F	Vel. 3 m.p.h.	Read. 28.93			
Set	67 °F	Char. LIGHT	Corr. 28.81			
R. H.	95 %	24 hr. Mov. 54.2	Sea L. 30.13	0700	1300	1900
Ppn.	.03 in.	Prev. Dir. WSW	3 hr. Tend. +0.01"	Clds. -X	Clds.	Clds.
Ppn.	— in.	Snow Depth — in.	Observer PK	Wx HAZE	Wx	Wx
				Vis. 3 miles	Vis.	Vis.

$$T_{\text{ref}} = 72$$

$$H = 0$$

$$\Sigma_{\text{DD}} = 213$$

$$\Sigma_{\text{RHP}} = 3.01^{\circ}$$

SUNDAY MAY 31, 1987

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	90 °F	Dir.	WSW	Temp.	R TO NW FROM 2130 TO 2230 LOCAL			
				70°				
Min.	66 °F	Vel.	7 m.p.h.	Read.				28.83
Set	67 °F	Char.	STDY	Corr.	28.72			
R. H.	90 %	24 hr. Mov.	72 MI	Sea L.	30.02	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	FOG/ HAZE			
	.01 in.	SSW	+1mb			Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	Observer	Vis.	1/2-1 MI			
	0 in.	0 in.	MPR			Vis.	Vis.	Vis.

$$T_{\text{roof}} = 69$$

$$T_w = 67$$

$$\bar{T} = 78$$

$$H_{DD} = 0$$

$$\sum DD = 213$$

$$\sum pcw = 3.02''$$