

MON., JUNE 1, 1987

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	WSW	Temp.	71			
Min.	64 °F	Vel.	4 m.p.h.	Read.	28.79			
Set	68 °F	Char.	STDY	Corr.	28.67			
R. H.	86 %	24 hr. Mov.	104 mi.	Sea L.	29.97	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	+1.0mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Wx	Wx	Wx
				Vis.	2-5 mi.	Wx	Wx	Wx
						Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Wx	Wx	Wx
						Wx	Wx	Wx

Clds. 1/10 FEW CU

Wx HAZY

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

$$T_w = 67$$

$$\bar{T} = 72$$

$$H_{00} = 0$$

$$\sum p_{ij} = 0$$

Tuesday, June 2, 1987 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.	BINOV C C. 2000-2030 LT, 6/1		
Max.	86 °F	Dir. WSW	Temp. 78 °F			
Min.	64 °F	Vel. 5 m.p.h.	Read. 28.74			
Set	65 °F	Char. Variable	Corr. 28.60			
R. H.	95 %	24 hr. Mov. RAMOS OUT	Sea L. 29.90	0700	1300	1900
Ppn.	Liq. .15 in.	Prev. Dir.	3 hr. Tend. +.5 ✓	Clds. 90 St Cu	Clds.	Clds.
Ppn.	Sol.	Snow Depth	Observer RCD	Wx))	Wx	Wx
	0 in.	0 in.	Observer	Vis. 5 mi.	Vis.	Vis.

$$T_{dry} = 66 \quad T_{wet} = 65 \quad \phi d = 1$$

$$T_d = 64.5$$

$$\bar{T} = 75$$

$$H_{DD} = 0$$

$$\sum pen = .15''$$

WED. JUNE 3, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. NNE	Temp. 72 °	LT. DRIZZLE BEGAN 0800 LOCAL.		
Min.	63 °F	Vel. 3 m.p.h.	Read. 28.88			
Set	67 °F	Char. LIGHT & VARIABLE	Corr. 28.78			
R. H.	88 %	24 hr. Mov. 47 MI.	Sea L. 30.05	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0T in.	Prev. Dir. WSW	3 hr. Tend. +0.5mb	Wx HAZE + 99	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer MPR	Vis. 1-2 MI	Vis.	Vis.

$$T_{dry} = 69^{\circ}$$

$$T_{wet} = 66.5$$

$$\bar{T} = 74$$

$$H_{00} = 0$$

$$\sum pcw = .15''$$

THURS., JUNE 4, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	74 °F	Dir.	WNW	Temp.	-OVC EAST DARK IN WEST SCUD ON RIDGES			
Min.	65 °F	Vel.	6 m.p.h.	Read.				28.82
Set	66 °F	Char.	Variable 3-9 mph	Corr.				28.71
R. H.	85 %	24 hr. Mov.	61 mi.	Sea L.	30.02	0700	1300	1900
Clds.	10/10 -	Clds.		Clds.				
Ppn.	0.51 in.	Prev. Dir.	S	3 hr. Tend.	+1.0 mb	Wx	OVC	Wx
Wx		Wx		Wx				
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	JHM	Vis.
Vis.	20 mi.	Vis.		Vis.		Vis.		Vis.

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

$$T_w = 64$$

$$\bar{T} = 70$$

$$H_{00} = 0$$

$$\Sigma_{00} = 0$$

$$\Sigma_{pcw} = 0.66''$$

Friday, June 5, 1987

Temp.			Wind	0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	73°F	Dir.	NW	Temp.	70°F	Low 1/2" Fog ENE		
Min.	49°F	Vel.	4 m.p.h.	Read.	28.90			
Set	53°F	Char.	Steady	Corr.	28.78			
R. H.	77%	24 hr. Mov.	63.2 mi	Sea L.	30.13	0700	1300	1900
Ppn. Lq.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.0 ✓	Clds.	Clds.	Clds.
Ppn. Sol.	0 in.	Snow Depth	0 in.	Observer	RJD	Wx	Wx	Wx
				Observer	RJD	Vis.	Vis.	Vis.
						21m.		

$$T_{d,1} = 55 \quad T_w = 51 \quad dd = 4$$

$$T_a = 48$$

$$\bar{T} = 61$$

$$H_{DO} = 4$$

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

$$\sum pen = 0.66''$$

Saturday, June 6, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. N	Temp. 70°			
Min.	52 °F	Vel. 5 m.p.h.	Read. 29.05			
Set	56 °F	Char. -	Corr. 28.93			
R. H.	74 %	24 hr. Mov. 89 mi	Sea L. 30.28	0700 Clds. 9/10	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. W	3 hr. Tend. +1.9 mi	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer FIG	Vis. 25 mi	Vis.	Vis.

$$T_d = 40$$

$$\bar{T} = 65$$

$$\sum H_{00} = 4$$

$$\sum PCN = 0.66''$$

SUNDAY JUNE 7, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73° F	Dir. ENE	Temp. 74°			
Min.	56° F	Vel. 5 m.p.h.	Read. 28.93			
Set	56° F	Char. STDY	Corr. 28.81			
R. H.	97 %	24 hr. Mov. 77 MI.	Sea L. 30.09	0700 Cld. 5/10 CU AS	1300 Cldg.	1900 Clds. •
Ppn. Liq.	.02 in.	Prev. Dir. NNW	3 hr. Tend. -3 STDY	Wx PT. COY.	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer MPR	Vis. 3 MI.	Vis.	Vis.

$$T_{\text{ROOF}} = 57^{\circ}$$

$$T_w = 56.5^{\circ}$$

$$\bar{T} = 65$$

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

$$\sum PCN = .68''$$

Monday, June 8, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84°F	Dir. SW	Temp. 82°F	wind gusts up to 20 mi/hr.		
Min.	56°F	Vel. 10 m.p.h.	Read. 28.77			
Set	72°F	Char. variable	Corr. 28.62			
R. H.	60%	24 hr. Mov. 136.9 mi	Sea L. 29.92	0700 Clds. 8/10	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. +1.0 in.	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer RCD	Vis. 12 mi.	Vis.	Vis.

$$T_{dry} = 74^{\circ}\text{F} \quad T_w = 65^{\circ}\text{F} \quad dd = 11$$

$$T_d = 59^{\circ}\text{F}$$

$$\bar{T} = 70$$

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

$$\sum pen = .68''$$

Tuesday June 9, 1987

(700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SW	Temp. 72°F	low lying fog ENE		
Min.	64 °F	Vel. 15 m.p.h.	Read. 28.65	Bimove		
Set	66 °F	Char. Variable	Corr. 28.52	R c. 2300-0000 Z, 8th c. 0200-0230 Z, 9th Vivid LTB-ICLLGS PENT-G-NT c. 30 mph		
R. H.	90 %	24 hr. Mov. Range	Sea L. 29.82	0700	1300	1900
Ppn.	.26 in.	Prev. Dir. OUT	3 hr. Tend. STEADY	Clds. 10 Al. St. 10	Clds.	Clds.
Ppn.	0 in.	Snow Depth 0 in.	Observer RCD	Wx HAZY	Wx	Wx
				Vis. 6 mi.	Vis.	Vis.

$$T_{dry} = 68^{\circ}F \quad T_{wet} = 66^{\circ}F \quad dd = 2$$

$$T_d = 65$$

$$\bar{T} = 74$$

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

$$\Sigma pen = .94''$$

WEDNESDAY JUNE 10, 1987
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. N	Temp. 68			
Min.	47 °F	Vel. 5 m.p.h.	Read. 28.92			
Set	50 °F	Char. STDY	Corr. 28.81			
R. H.	78 %	24 hr. Mov. 171 MI	Sea L. 30.07	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. WNW	3 hr. Tend. +1.5mb	Wx CLR	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer MPR	Vis. 15 MI.	Vis.	Vis.

$$T_{\text{root}} = 51$$

$$T_d = 47.5$$

$$\bar{T} = 61$$

$$\sum H_{00} = 8$$

$$\sum pcN = .94''$$

THURS. JUNE 11, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	73 °F	Dir.	—	Temp.	CIRRUS ON NE + SE HORIZONS GROUND FOG IN PENNS VALLEY			
Min.	44 °F	Vel.	0 m.p.h.	Read.				28.94
Set	50 °F	Char.	CALM	Corr.				28.83
R. H.	76 %	24 hr. Mov.	63 mi.	Sea L.	30.19	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NNW	3 hr. Tend.	+1.0 mb	Clds.	1/10	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Wx	SUNNY	Wx
				Observer	JHM	Vis.	30 mile	Vis.

$$T_{\text{roof}} = 54$$

$$T_w = 50$$

$$\bar{T} = 59$$

$$H_{00} = 6$$

$$\Sigma_{00} = 14$$

$$\Sigma_{\text{pen}} = 0.94''$$

Friday, June 12, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	77 °F	Dir.	SW	Temp.	70 °F			
Min.	50 °F	Vel.	10 m.p.h.	Read.	28.60			
Set	63 °F	Char.	STEADY	Corr.	28.48			
R. H.	81 %	24 hr. Mov.	111.7 mi	Sea L.	29.78	0700	1300	1900
Ppn.	.06 in.	Prev. Dir.	S	3 hr. Tend.	STEADY	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	RCJ	Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						Vis.	Vis.	Vis.

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

$$T_d (\text{UP}) = 57^{\circ}\text{F}$$

$$\bar{T} = 64$$

$$H_{DD} = 1$$

$$\sum H_{DD} = 15$$

$$\sum \text{pcr} = 1.00''$$

JUNE 13, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. NW	Temp. 65°	BINOC SE RIDGETOP FOG E, SE, SW VISIBILITY .5 E CEILING RAGGED SW RW - MAMMATUS OVERHEAD		
Min.	63 °F	Vel. 6 m.p.h.	Read. 28.52			
Set	63 °F	Char. STEADY	Corr. 28.42			
R. H.	KAMOS OUT %	24 hr. Mov. KAMOS OUT	Sea L. 29.83	Clds. AS, AC NO SE, SE CB UNKNOWN	1300 Clds.	1900 Clds.
Ppn.	Liq. .63 in.	Prev. Dir. KAMOS OUT	3 hr. Tend. +1m6 ^	Wx RW-	Wx	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer LMG	Vis. = .5 EAST	Vis.	Vis.

$$P = .63$$

$$\sum P = 1.63$$

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

SUN JUNE 14, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	SSW	Temp.	73	FOG LIFTING RAPIDLY		
Min.	55 °F	Vel.	5 m.p.h.	Read.	28.66			
Set	58 °F	Char.	LIGHT & VARIABLE	Corr.	28.59			
R. H.	97 %	24 hr. Mov.	RAMOS OUT	Sea L.	29.86	0700	1300	1900
Ppn.	55 in.	Prev. Dir.	RAMOS OUT	3 hr. Tend.	/ + 1mb	Clds. CU 8/10 ST	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	MPR	Wx FOG + HAZE	Wx	Wx
						Vis. 1/2 MI	Vis.	Vis.

$T_{\text{root}} : 60$

$T_w : 59.5$

$\bar{T} : 68^\circ$

$\Sigma_{\text{HOD}} : 15$

$\Sigma_{\text{PCN}} : 2.18''$

MONDAY JUNE 15, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	86 °F	Dir.	SW	Temp.	HAZE IN VALLEYS			
				72				
Min.	58 °F	Vel.	3 m.p.h.	Read.				28.63
Set	70 °F	Char.	LIGHT + VARIABLE	Corr.	28.51			
R. H.	98 %	24 hr. Mov.	RAMOS OUT	Sea L.	29.79	0700	1300	1900
						Clds.	Clds.	Clds.
						4/10 Sc		
Ppn.	0 in.	Prev. Dir.	RAMOS OUT	3 hr. Tend.	+	Wx	Wx	Wx
						PT. CLOUD		
Ppn.	— in.	Snow Depth	— in.	Observer	MPR	Vis.	Vis.	Vis.
						5 MI		

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

$$T_{\text{dry}} = 72,5$$

$$\bar{T} = 72$$

$$\epsilon_{\text{HDD}} = 15$$

$$\epsilon_{\text{PCN}} = 2.18''$$

Tuesday, June 16, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88 °F	Dir. E	Temp. 70 °F			
Min.	60 °F	Vel. 1 m.p.h.	Read. 28.69			
Set	64 °F	Direction Variable	Corr. 28.57			
R. H.	70 %	24 hr. Mov. 88.4 in.	Sea L. 29.87	0700 Clds. 70 c	1300 Clds.	1900 Clds.
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +1.5 in. b. /	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer RJD	Vis. 22 mi	Vis.	Vis.

$$T_{dry} = 67^{\circ}\text{F} \quad T_w = 61^{\circ}\text{F} \quad dd = 6$$

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

$$\bar{T} = 74^{\circ}\text{F}$$

$$\Sigma H_{100} = 15$$

$$\Sigma p_{cor} = 2.18''$$

WED. JUNE 17, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	NNE	Temp.	69			
Min.	60 °F	Vel.	7 m.p.h.	Read.	28.81			
Set	61 °F	Char.	STDY	Corr.	28.70			
R. H.	76 %	24 hr. Mov.	65 MI	Sea L.	30.03	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	MPR	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 MI		

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

$$T_w = 56.5$$

$$\bar{T} = 73$$

$$\sum_{H00} = 15$$

$$\sum_{PCN} = 2.18''$$

THURS, JUNE 18, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	NNE	Temp.	68	FEW ci NW		
Min.	53 °F	Vel.	2 m.p.h.	Read.	28.90			
Set	58 °F	Char.	light	Corr.	28.79			
R. H.	78 %	24 hr. Mov.	52 mi.	Sea L.	30.12	0700	1300	1900
Clds.	0/10	Clds.		Clds.				
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	Γ +1.0mb	Wx	CLR	Wx
Wx		Wx		Wx				
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Vis.	20 mi.	Vis.
Vis.		Vis.		Vis.				

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

$$T_w = 56$$

$$\bar{T} = 67$$

$$H_{00} = 0$$

$$\Sigma_{00} = 15$$

$$\Sigma_{\text{pen}} = 2.18''$$

Friday, June 19, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	SSW	Temp.	70 °F	Bottom of Mt. Nittany obscured		
Min.	58 °F	Vel.	1 m.p.h.	Read.	28.78			
Set	68 °F	Char.	STEADY	Corr.	28.66			
R. H.	82 %	24 hr. Mov.	32.1 in.	Sea L.	29.96	0700	1300	1900
Clds.	9/10	Clds.		Clds.				
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	STEADY	Wx	HAZE	Wx
Wx		Wx		Wx				
Ppn.	0 in.	Snow Depth	0 in.	Observer	RED	Vis.	4 mi	Vis.
Vis.		Vis.		Vis.				

$$T_{dry} = 70^{\circ}F \quad T_w = 66^{\circ}F \quad dd = 4$$

$$\bar{T} = 72$$

$$\sum H_{DD} = 15$$

$$\sum PCN = 2.18''$$

$$T_d = 64^{\circ}F$$

SATURDAY, JUNE 20, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	88 °F	Dir.	NNE	Temp.	70 °F	ABUNDANT HAZE, SOME FOG TSTM NN MORG SE (HAR RADAR)		
Min.	64 °F	Vel.	3 m.p.h.	Read.	28.77			
Set	67 °F	Char.	GENTLE	Corr.	28.65			
R. H.	91 %	24 hr. Mov.	426 miks	Sea L.	29.96	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	10.3 mB	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JEL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						8/10 -X		
						Hazy		
						2 1/2 Mikes		

$$\bar{T} = 76$$

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

$$\bar{T}_{\text{(WIND)}} = 6A$$

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

$$\Sigma H_{\text{DD}} = 15$$

$$\Sigma P_{\text{EN}} = 2.18''$$

$$T_{\text{MAX}} = 94 \quad 1953$$

$$T_{\text{MIN}} = 42 \quad 1940$$

$$T_{\text{ANG}} = 80/58$$

SUNDAY JUNE 21, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	E	Temp.	69	DENSE FOG RW ca. 1400 LT, 20th		
Min.	66 °F	Vel.	0 m.p.h.	Read.	28.68			
Set	66 °F	Char.	CALM	Corr.	28.57			
R. H.	97 %	24 hr. Mov.	30 MI	Sea L.	29.88	0700	1300	1900
Ppn.	25 in.	Prev. Dir.	SW	3 hr. Tend.	+ 1/2 mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	MPR	10/10 X	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						1/4 MI		

$$T_{\text{roct}} = 67^{\circ}$$

$$T_{\text{wet}} = 66.5$$

$$\bar{T} = 73$$

$$\sum H_{00} = 15$$

$$\sum PCN = 2.43''$$

MONDAY JUNE 22, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. SW	Temp. 70	TRW ca. 0300-0400 LT		
Min.	66 °F	Vel. 3 m.p.h.	Read. 28.55			
Set	69 °F	Char. LIGHT	Corr. 28.44	0700	1300	1900
R. H.	95 %	24 hr. Mov. 43 mI	Sea L. 29.72	Clds. 9/10	Clds.	Clds.
Ppn. Liq.	.52 in.	Prev. Dir. SSW	3 hr. Tend. + 1/2 mb	Wx FUG. HAZE	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer MPR	Vis. 3/4 mI	Vis.	Vis.

$T_{roof}: 71$

$T_{wet}: 70$

$\bar{T}: 74$

$\epsilon_{H00}: 15$

$\epsilon_{PCN}: 2.95''$

Tuesday, June 23, 1987
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. W	Temp. 70 °F	BIRORC Mt. Nittany Obscured		
Min.	68 °F	Vel. 5 m.p.h.	Read. 28.49			
Set	70 °F	Char. STEADY	Corr. 28.37			
R. H.	90 %	24 hr. Mov. 109 m.	Sea L. 29.67	0700 Clds. st. Cu 12/10	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. +1.0 mb ✓	Wx 00	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer RCD	Vis. 1/2 m.	Vis.	Vis.

$$\bar{T}_a = 69^\circ\text{F}$$

$$\bar{T}_w = 70^\circ\text{F} \quad \bar{T}_{\text{dry}} = 72^\circ\text{F} \quad dd = 2$$

$$\bar{T} = 74$$

$$\sum H_{DD} = 15$$

$$\sum p_{\text{con}} = 2.95''$$

WEDNESDAY

JUNE 29, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. WSW	Temp. 69	FOG COVERS MT. NITTANY RIDGE & VALLEY		
Min.	59 °F	Vel. 3 m.p.h.	Read. 28.76			
Set	62 °F	Char. LIGHT	Corr. 28.65			
R. H.	87 %	24 hr. Mov. 76 MI	Sea L. 29.96	0700 Clds. 2/10	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. NNE	3 hr. Tend. +1mb	Wx FOG	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer MPR	Vis. 1.5 MI	Vis.	Vis.

$$T_{\text{av}} = 62.5$$

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

$$\bar{T} = 71$$

$$\Sigma H_{00} = 15$$

$$\Sigma p_{\text{cn}} = 2.95''$$

Thursday, JUNE 25, 1987

Meteorological Observatory
University Park, Pa.

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	85°F	Dir. —	Temp. 68			
Min.	59°F	Vel. 0 m.p.h.	Read. 28.68			
Set	64°F	Char. CALM	Corr. 28.57			
				0700	1300	1900
R. H.	85%	24 hr. Mov. 29 mi.	Sea L. 29.88	Clds. 0/10	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. S	3 hr. Tend. STDY	Wx -∞	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 7V15 mi.	Vis.	Vis.

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

$$T_w = 63$$

$$\bar{T} = 72$$

$$H_{00} = 0$$

$$\Sigma_{00} = 15$$

$$\Sigma_{\text{pen.}} = 2.95''$$

Friday, June 26, 1987
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	88 °F	Dir.	SSE	Temp.	B170VC		
Min.	64 °F	Vel.	10 m.p.h.	Read.			
Set	67 °F	Char.	DIRECTION variable	Corr.			
R. H.	73 %	24 hr. Mov.	130.1 mi	Sea L.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	190 St. Cu.		
					Wx	Wx	Wx
					Vis.	Vis.	Vis.
					5 mi.		

$$T_w = 64^\circ\text{F} \quad T_{\text{dry}} = 68^\circ\text{F} \quad dd = 4$$

$$\bar{T}_d = 62^\circ\text{F}$$

$$\bar{T} = 76$$

$$\Sigma H_{dp} = 15$$

$$\Sigma pcn = 2.95''$$

SAT. JUNE 27, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.		Dir.		Temp.	L-, = A FEW BNDVC OCCASIONAL DIM SUNSHINE			
71	°F	W		67				
Min.		Vel.		Read.				
59	°F	4	m.p.h.	28.52				
Set		Char.		Corr.				
61	°F	STEADY		28.41				
R. H.		24 hr. Mov.		Sea L.	0700	1300	1900	
%		54.6		29.72	Clds.	Clds.	Clds.	
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	10/10st			
.12	in.	S		-1.67	Wx	Wx	Wx	
Ppn.	Sol.	Snow Depth		Observer	Wx	Wx	Wx	
	in.			LMG	Vis.	Vis.	Vis.	
					3/4m			

$$P = .12$$

$$\Sigma P = 3.07$$

$$\bar{T} = 65$$

$$dd = 0$$

$$\Sigma dd = 15$$

Sunday, June 28, 1927

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	79 °F	Dir.	W	Temp.	wind gusts up to 26 mph. Fog LT&CG ca. 1800 LT, 6/27			
Min.	50 °F	Vel.	13 m.p.h.	Read.				28.61
Set	55 °F	Char.	Variable	Corr.				28.49
R. H.	79 %	24 hr. Mov.	Ramos	Sea L.	29.84	0700	1300	1900
Ppn.	.11 in.	Prev. Dir.	Out	3 hr. Tend.	Rising	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	RCD	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						25 mi		

$$T_d = 49^\circ\text{F}$$

$$\bar{T} = 64^\circ\text{F}$$

$$\Sigma H_{dd} = 16$$

$$\Sigma pen = 3.18'$$

MONDAY JUNE 29, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	74 °F	Dir.	SW	Temp.	∞ IN MT. VALLEY			
				66°				
Min.	55 °F	Vel.	7 m.p.h.	Read.				28.82
Set	60 °F	Char.	STDY	Corr.	28.72			
R. H.	74 %	24 hr. Mov.	132 mE	Sea L.	30.05	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	WSW	3 hr. Tend.	+1/2mb	Wx	Wx	Wx
						CLR		
Ppn.	— in.	Snow Depth	— in.	Observer	MPR	Vis.	Vis.	Vis.
						15 mE		

$$T_{\text{roof}} = 62^{\circ}$$

$$T_{\text{wet}} = 57^{\circ}$$

$$\bar{T} = 65^{\circ}$$

$$\epsilon_{\text{H}_2\text{O}} = 16$$

$$\epsilon_{\text{PCW}} = 3.18''$$

Tuesday June 30, 1927
6700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	83 °F	Dir.	SW	Temp.	19 - ca. 0200 LT			
Min.	60 °F	Vel.	10 m.p.h.	68 °F				
Set	69 °F	Char.	STEADY	Read.				28.77
R. H.	73 %	24 hr. Mov.	179.7 m.	Sea L.	29.95	0700	1300	1900
Ppn.	Liq. .02 in.	Prev. Dir.	SW	3 hr. Tend.	+1.0 mb	Clds. C 10 C:st. C:cu	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth	0 in.	Observer	RCJ	Wx	Wx	Wx
				Observer	RCJ	Vis.	Vis.	Vis.
						20 m.		

$$T_{dry} = 70^{\circ}F \quad T_w = 65^{\circ}F \quad dd = 5$$

$$T_d = 62^{\circ}F$$

$$\bar{T} = 71$$

$$\Sigma H_{DD} = 16$$

$$\Sigma pcw = 3.20^1$$