SAT., AUGUST 1, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. E	Temp. 68°F	SUN VISIBLE THROUGH CIRROSTRATUS
Min. 62 °F	Vel. 3 m.p.h.	Read. 28.82	
Set 62 °F	Char. GENTLE	Corr. 28.70	
R. H. 75 %	24 hr. Mov. 46.5 M;	Sea L. 30.03	
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer EL	

0700	1300	1900
Clds. 1% Ci Cs	Clds.	Clds.
Wx Cloudy	Wx	Wx
Vis. 10 Miles	Vis.	Vis.

$\bar{T} = 74$

$T_{max} = 64$

$T_{dew} = 56$

$HDD = 0$

$\Sigma HDD = 0$

$\Sigma PCP = 0$

$T_{MAX} = 96$ 1975

$T_{MIN} = 45$ 1924

$T_{AVG} =$

SUNDAY
AUGUST 2, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. NE	Temp. 70	∞ ON MT. NITTANY		
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.72			
Set 69 °F	Char. CALM	Corr. 28.61			
R. H. 82 %	24 hr. Mov. 38 MI	Sea L. 29.89	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. ESE	3 hr. Tend. STDY	Clds. 10/10 ST	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	Wx ∞, OVC	Wx	Wx
			Vis. 1½MI	Vis.	Vis.

T_{ROOF}: 72

T_{WET}: 68

$\bar{T}$: 73

Σ_{HDD}: 0

Σ_{PCN}: 0

MONDAK

AUGUST 3, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. SSW	Temp. 70	TS AT 2100 LOCAL, 2nd
Min. 67 °F	Vel. 3 m.p.h.	Read. 28.63	
Set 68 °F	Char. LIGHT & VARIABLE	Corr. 28.52	
R. H. 93 %	24 hr. Mov. 97mi	Sea L. 29.80	
Ppn. .22 in. Liq.	Prev. Dir. S	3 hr. Tend. /+1mb	
Ppn. — in. Sol.	Snow Depth — in.	Observer MPR	

0700	1300	1900
Clds. 6/10 Ci Sc Cu	Clds.	Clds.
Wx BKN	Wx	Wx
Vis. 5mi	Vis.	Vis.

T_{roof}: 70

T_{WET}: 68

$\bar{T}$: 76

Σ_{HOD}: 0

Σ_{PCN}: .22"

Tuesday, August 4, 1937 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. WSW	Temp. 70 °F	Mt. Nittany + Ridge completely obscured Fog mixed with haze. Some peaks of sun.
Min. 67 °F	Vel. 1 m.p.h.	Read. 28.58	
Set 68 °F	Char. STEADY	Corr. 28.46	
R. H. 94 %	24 hr. Mov. 58.8 mi.	Sea L. 29.76	
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. STEADY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer RCD	

0700	1300	1900
Clds. OBSCURED SKY	Clds.	Clds.
Wx ∞	Wx	Wx
Vis. ½-1 mi.	Vis.	Vis.

$T_{dry} = 69.5$ $T_{wet} = 70.5$ $dd = 1$

$\overline{T_d} = 66°F$ (Airport)

$\overline{T} = 76$

$\Sigma_{HDD} = 0$

$\Sigma_{pcn} = 0.22''$

WEDNESDAY
AUGUST 5, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 90 °F	Dir. NE	Temp. 70	RW BEGAN 0700 LOCAL
Min. 68 °F	Vel. 3 m.p.h.	Read. 28.64	FOG AND HAZE ON MT. NITTANY
Set 68 °F	Char. STDY	Corr. 28.53	
R. H. 97 %	24 hr. Mov. 77mi	Sea L. 29.81	
Ppn. Liq. .04 in.	Prev. Dir. W	3 hr. Tend. +1/2mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	

	0700	1300	1900
Clds.	10/10 ST		
Wx	RW-		
Vis.	1mi		

T_{roof}: 69

T_{WET}: 68.5

$\bar{T}$: 79

Σ_{HOO}: 0

Σ_{PCN}: .26"

THURS. AUG. 6, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. NNE	Temp. 69	LOW STRATUS ceiling RIDGES, MT. NITTANY OBSCURED RE ca. 1430 local, AUG. 5 MOSTLY R-, OCCASIONAL R+
Min. 61 °F	Vel. 5 m.p.h.	Read. 28.78	
Set 61 °F	Char. STDY	Corr. 28.66	
R. H. 95 %	24 hr. Mov. 65+ mi.	Sea L. 29.98	
Ppn. Liq. 0.54 in.	Prev. Dir. N	3 hr. Tend. +2.0mb/	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx FOG	Wx	Wx
Vis. 1-2 mi.	Vis.	Vis.

$T_{roof} = 63$ $T_w = 62$ $T_d = 61.4$

$T_{d(ambos)} = 58.6$

$\bar{T} = 68$

$\varepsilon_{pon} = 0.80''$

Friday, August 7, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SW	Temp. 70	Low lying Fog ENE
Min. 61 °F	Vel. 8 m.p.h.	Read. 28.80	
Set 67 °F	Char. STEADY	Corr. 28.68	
R. H. 90 %	24 hr. Mov. 43 mi	Sea L. 29.98	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. + ½ mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer RCD	

	0700	1300	1900
Clds.	OVC		
Wx	=		
Vis.	4-6 m.		

$T_{dry} = 69$ $T_{wet} = 67.5$ $dd = 1.5$

$\bar{T} = 72$

$T_d = 66$

$\Sigma_{PCN} = 0.80''$

Saturday AUGUST 8, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp. 70	FEW CIRRUS SOME HAZE		
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.88			
Set 63 °F	Char. –	Corr. 28.76	0700	1300	1900
R. H. 87 %	24 hr. Mov. 89 mi	Sea L. 30.08	Clds. 9/10	Clds.	Clds.
Ppn. Liq. – in.	Prev. Dir. S	3 hr. Tend. -0.4 mb L	Wx	Wx	Wx
Ppn. Sol. – in.	Snow Depth – in.	Observer FJG	Vis. 9 mi	Vis.	Vis.

$T_{Roof} = 65$ $Td = 61$

$\bar{T} = 72$

$\Sigma_{PCN} = 0.80"$

SUN. AUG. 9, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. N	Temp. 69	-OVC E DARK W		
Min. 63 °F	Vel. 4 m.p.h.	Read. 28.70			
Set 65 °F	Char. STDY	Corr. 28.58			
			0700	1300	1900
R. H. 75 %	24 hr. Mov. 73 mi.	Sea L. 29.89	Clds. 10/10	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. -1.0mb \	Wx OVC	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	Vis. 20 mi.	Vis.	Vis.

$T_{roof} = 67$ $T_w = 62$ $T_d = 59$

$T_{d\ rain} = 56$

$\bar{T} = 75$

$\Sigma_{pcp} = .80''$

MONDAY

AUGUST 10, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. NW	Temp. 69	FOG ON MT. NITTANY
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.63	TRW + BEGAN 1720 Q
Set 68 °F	Char. CALM	Corr. 28.52	TRW - ENDED 1815 Q
R. H. 93 %	24 hr. Mov. RAMOS OUT	Sea L. 29.80	
Ppn. Liq. 1.40 in.	Prev. Dir. RAMOS OUT	3 hr. Tend. /+3mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	

	0700	1300	1900
Clds.	Clds. 6/10 Sc Ci	Clds.	Clds.
Wx	Wx BKN	Wx	Wx
Vis.	Vis. 3mi	Vis.	Vis.

T_{roof}: 70

T_{WET}: 68

$\bar{T}$: 68

Σ_{PCN}: 2.20"

Σ_{HDD}: 0

TUESDAY

AUGUST 11, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. SW	Temp. 68	FOG IN MT. VALLEY
Min. 53 °F	Vel. 2 m.p.h.	Read. 28.84	
Set 56 °F	Char. LIGHT & VARIABLE	Corr. 28.73	
R. H. 89 %	24 hr. Mov. 67 MI	Sea L. 30.05	
Ppn. Liq. Ø in.	Prev. Dir. N	3 hr. Tend. /+1 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	

	0700	1300	1900
Clds.	3/10 Ci Cs	Clds.	Clds.
Wx	SCT	Wx	Wx
Vis.	5 mi	Vis.	Vis.

T_{roof}: 60°

T_{WET}: 58°

$\bar{T}$: 65°

Σ_{HOD} : 0

Σ_{PCN} : 2.20"

WEDNESDAY
AUGUST 12, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. NE	Temp. 68°	FOG IN MT. VALLEY
Min. 56 °F	Vel. 5 m.p.h.	Read. 28.91	
Set 57 °F	Char. STDY	Corr. 28.80	
R. H. 89 %	24 hr. Mov. 16 mi	Sea L. 30.08	
Ppn. Liq. Ø in.	Prev. Dir. N	3 hr. Tend. /+1/2 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	

	0700	1300	1900
Clds.	2/10 Ci	Clds.	Clds.
Wx	SCT	Wx	Wx
Vis.	5mi	Vis.	Vis.

T_{roof}: 60

T_{WET}: 58

$\bar{T}$: 67

ϵ_{H00}: 0

ϵ_{PCN}: 2,20''

THURSDAY

AUGUST 13, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SE	Temp. 68	∞ ON MT. NITTANY
Min. 57 °F	Vel. 3 m.p.h.	Read. 28.92	
Set 64 °F	Char. LIGHT & VARIABLE	Corr. 28.81	
R. H. 87 %	24 hr. Mov. 69mi	Sea L. 30.11	
Ppn. Liq. Ø in.	Prev. Dir. E	3 hr. Tend. /+1/2mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	

	0700	1300	1900
Clds.	7/10 Cu		
Wx	BKN		
Vis.	5mi		

T_{ROOF} : 66

T_{WET} : 63.5

$\bar{T}$: 70°

Σ_{H_2O} : 0'

Σ_{PCN} : 2.20"

FRIDAY
AUGUST 14, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SSW	Temp. 66°	∞ IN MT. VALLEY
Min. 55 °F	Vel. 3 m.p.h.	Read. 28.97	
Set 59 °F	Char. LIGHT & VARIABLE	Corr. 28.87	
R. H. 89 %	24 hr. Mov. 74 MI	Sea L. 30.20	
Ppn. Liq. Ø in.	Prev. Dir. ESE	3 hr. Tend. /+1/2mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	

	0700	1300	1900
Clds.	3/10 Ci Cs	Clds.	Clds.
Wx	SCT	Wx	Wx
Vis.	5 MI	Vis.	Vis.

T_{roof}: 62

T_{WET}: 59.5

$\bar{T}$: 69

Σ_{HDD}: 0

Σ_{PCW}: 2.20"

Saturday August 15, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. —	Temp. 67	BINOVC
Min. 59 °F	Vel. — m.p.h.	Read. 29.01	
Set 63 °F	Char. CALM	Corr. 28.90	
R. H. 78 %	24 hr. Mov. 71 mi	Sea L. 30.24	
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. +0.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer FJG	

0700	1300	1900
Clds. 10/10 Sc Cu	Clds.	Clds.
Wx -	Wx	Wx
Vis. 7 mi	Vis.	Vis.

$T_{roof} = 65$ $T_d = 57$

$\bar{T} = 72^0$

$\varepsilon_{PCM} = 2.20^4$

Sunday August 16, 1967 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. —	Temp. 68°F			
Min. 62 °F	Vel. — m.p.h.	Read. 28.95			
Set 66 °F	Char. CALM	Corr. 28.84	0700	1300	1900
R. H. 76 %	24 hr. Mov. 96 mi.	Sea L. 30.16	Clds. 4/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. +0.0 mb —	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 7 mi.	Vis.	Vis.

$T_{roof} = 71°F$

$T_w = 66°F_{(roof)}$

$T_d = 63°F_{(roof)}$

$\bar{T} = 75°F$

$\Sigma P = 2.20"$

MONDAY
AUGUST 17, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 90 °F	Dir. SW	Temp. 70	∞ IN MT. VALLEY
Min. 66 °F	Vel. Ø m.p.h.	Read. 28.74	
Set 69 °F	Char. CALM	Corr. 28.63	
R. H. 93 %	24 hr. Mov. 76MI	Sea L. 29.91	
Ppn. Liq. Ø in.	Prev. Dir. SSW	3 hr. Tend. STDY	
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	

0700	1300	1900
Clds. 9/10	Clds.	Clds.
Wx CLR	Wx	Wx
Vis. 5MI	Vis.	Vis.

T_{roof}: 72

T_{wet}: 70

$\bar{T}$: 78

Σ_{H00}: 0

Σ_{PCN} 2.20"

Tuesday, August 18, 1937

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 92 °F	Dir. NW	Temp. 70	Haze in Nittany Valley Cu in distance
Min. 66 °F	Vel. 10 m.p.h.	Read. 28.76	
Set 68 °F	Char. STEADY	Corr. 28.64	
R. H. 83 %	24 hr. Mov. 103.3 m.	Sea L. 29.94	
Ppn. 1 Liq. in.	Prev. Dir. SW	3 hr. Tend. +.20 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer RCJ	

	0700	1300	1900
Clds.	2/10 Ci Cu	Clds.	Clds.
Wx		Wx	Wx
Vis.	14 m.	Vis.	Vis.

$\overline{T}_{dry} = 69.5$ $\overline{T}_{wet} = 66$ $dd = 3.5$

$\overline{T}_d = 64$

$\overline{T} = 81$

$\Sigma HDD = 0$

$\Sigma PCN = 2.20''$

WEDNESDAY
AUG 19, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SSW	Temp. 67°			
Min. 59 °F	Vel. 2 m.p.h.	Read. 28.81			
Set 60 °F	Char. LIGHT & VARIABLE	Corr. 28.71	0700	1300	1900
R. H. 82 %	24 hr. Mov. 75mi	Sea L. 30.02	Clds. 1/10 Cs	Clds.	Clds.
Ppn. Liq. Ø in.	Prev. Dir. W	3 hr. Tend. /+1½mb	Wx SCT	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	Vis. 10mi	Vis.	Vis.

T_{roof}: 64

T_{WET}: 60.5

$\bar{T}$: 75

Σ_{HDD}: 0

Σ_{PCN}: 2,20"

THURS. AUG. 20, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 87 °F	Dir. —	Temp. 67	Ci along southern horizon
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.85	
Set 59 °F	Char. CALM	Corr. 28.74	
R. H. 75 %	24 hr. Mov. 78 mi.	Sea L. 30.06	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +2.0mb/	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx Sunny	Wx	Wx
Vis. 20 mi.	Vis.	Vis.

$T_{Roof} = 65$ $T_w = 60$ $T_d = 57$

$T_{d\ RAMOS} = 55$

$\bar{T} = 72$

$\Sigma_{PCW} = 2.20''$

Friday, August 21, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SE	Temp. 66°F	Fog in Valley (Nittany + Ridge)		
Min. 49 °F	Vel. LIGHT m.p.h.	Read. 28.99			
Set 54 °F	Char. VARIABLE	Corr. 28.88	0700	1300	1900
R. H. 67 %	24 hr. Mov. 73 mi	Sea L. 30.23	Clds. C. Sp 8/10 Ci Un	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NW	3 hr. Tend. +1.5mb	Wx =	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer RCD	Vis. 21 mi	Vis.	Vis.

$\overline{T}_{dry} = 59°F$ $\overline{T}_{wet} = 53°F$ $dd = 6$

$\overline{T}_d = 48°F$

$\overline{T} = 65°F$

$\Sigma H_{DD} = 0$

$\Sigma_{PCN} = 2.20''$

SATURDAY, AUGUST 22, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. ENE	Temp. 68° F	TRW - BEGAN ≈ 0450 EDT 22nd E ≈ 5:15 B 6:40
Min. 54 °F	Vel. 5 m.p.h.	Read. 28.86	*TRW - OCNL TRW
Set 62 °F	Char. STEADY	Corr. 28.74	OCNL LTGCCCG
R. H. 92 %	24 hr. Mov. 89.7 Mi	Sea L. 30.06	PRESRR
Ppn. 0.60 Liq. in.	Prev. Dir. SSW	3 hr. Tend. +1.5 mb	GUSTY WINDS 7:15-7:45 EDT
Ppn. — Sol. in.	Snow Depth — in.	Observer JEL	

0700	1300	1900
Clds. SKY X OBSCURED	Clds.	Clds.
Wx TRW - * Fog	Wx	Wx
Vis. 1VZ	Vis.	Vis.

$\bar{T} = 70$

$T_{max} = 62$

$T_{dmax} = 60$

$HDD = 0$

$\Sigma HDD = 0$

$\Sigma P_{PN} = 280$

$T_{MAX} = 93 \quad 1983$

$T_{MIN} = 41 \quad 1923$

$T_{AVG} = 80/58$

Sunday, August 23, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. NW	Temp. 65	•• ended 0900 EDT
Min. 53 °F	Vel. 10 m.p.h.	Read. 28.79	
Set 54 °F	Char. VARIABLE	Corr. 28.68	
R. H. 66 %	24 hr. Mov. 153.5 mi	Sea L. 30.03	
Ppn. Liq. .10 in.	Prev. Dir. SW	3 hr. Tend. +1.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer RCD	

	0700	1300	1900
Clds.	9/10		
Wx	CLEAR		
Vis.	25 mi		

$T_{dry} = 57°F$ $T_{wet} = 51°F$ $dd = 6$

$T_d = 46$

$\bar{T} = 66$

$\Sigma H_{DD} = 0$

$\Sigma_{PCN} = 2.90''$

MONDAY

AUG. 24, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. SSW	Temp. 64°			
Min. 45 °F	Vel. 0 m.p.h.	Read. 29.02			
Set 48 °F	Char. CALM	Corr. 28.92			
R. H. 84 %	24 hr. Mov. 122mi	Sea L. 30.28	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. WNW	3 hr. Tend. /+/mb	Clds. 0/10	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer MPR	Wx CLR	Wx	Wx
			Vis. 20mi	Vis.	Vis.

T_{roof}: 52

T_{WET}: 99.5

$\overline{T}$: 59

ε_{HOD}: 6

ε_{PCN}: 2.90"

Tuesday August 25, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. S	Temp. 64 °F	Low lying fog ENE		
Min. 44 °F	Vel. 1 m.p.h.	Read. 28.98			
Set 47 °F	Char. CALM	Corr. 28.87			
R. H. 73 %	24 hr. Mov. 81.1 mi.	Sea L. 30.22	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0.7 mb	Clds. C Sp. 10 C St	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer RCD	Wx	Wx	Wx
			Vis. 23 mi	Vis.	Vis.

$T_{dry} = 53°F$ $T_{wet} = 48°F$ $dd = 5$

$T_d = 44.5°F$

$\bar{T} = 58$

$H_{DD} = 7$

$\Sigma_{H_{DD}} = 13$

$\Sigma_{PCN} = 2.90''$

WED., AUG 26, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. —	Temp. 64	RAMOS OVRNGT LOW = 54
Min. 47 °F	Vel. 0 m.p.h.	Read. 28.97"	CLDS MSTLY ALTOCU
Set 54 °F	Char. CALM	Corr. 28.86"	VALLEY FOG SE
R. H. 77 %	24 hr. Mov. 31 mi.	Sea L. 30.20"	
Ppn. Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. +1.0mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

	0700	1300	1900
Clds.	8/10ths		
Wx	BKN		
Vis.	20 mi.		

$T_{roof} = 58$ $T_w = 54$ $T_d = 51$

$T_{d\ station} = 49$

$\bar{T} = 59$

$DD = 6$

$\Sigma DD = 19$

$\Sigma\ p_N = 2.90"$

Thursday, August 27, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. SE	Temp. 66° F	Ridges Obscured		
Min. 54 °F	Vel. 4 m.p.h.	Read. 28.72			
Set 58 °F	Char. light	Corr. 28.61	Rained overnight 1/0 = 58°F		
			0700	1300	1900
R. H. 95 %	24 hr. Mov. 33.1 mi	Sea L. 29.93	Clds. 10/10 Str.	Clds.	Clds.
Ppn. Liq. 0.12 in.	Prev. Dir. S	3 hr. Tend. -0.8 mb \	Wx ≡	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JPH	Vis. 1 mi	Vis.	Vis.

$\bar{T} = 60$

$H_{DD} = 5$

$\Sigma H_{DD} = 24$

$\Sigma pcp = 3.02"$

$T_{roof} = 60°F$

$T_w = 59°F$

$T_d = 58.5°F$

$T_{dramos} = 56°F$

Fri., AUG 28, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. —	Temp. 66	RAMOS OVERNGT LOW = 63 MT. NITTANY DMLY VSBL MIN VIS SW
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.73	
Set 64 °F	Char. CALM	Corr. 28.62	
R. H. 90 %	24 hr. Mov. 71	Sea L. 29.93	
Ppn. Liq. .03 in.	Prev. Dir. WSW	3 hr. Tend. +0 —	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

	0700	1300	1900
Clds.	10/10	Clds.	Clds.
Wx	L-, F	Wx	Wx
Vis.	1/2 V 2½	Vis.	Vis.

$T_{ROOF} = 67$ $T_W = 65$ $T_d = 64$

$T_{d\ RAINS} = 63$

$\bar{T} = 68$

$DD = 0$

$\Sigma DD = 24$

$\Sigma\ PCN = 3.05"$

Saturday AUGUST 29, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. WNW	Temp. 66	RAMOS FAILURE 2235Z TRW's 1900 - 2300Z (38)
Min. 59 °F	Vel. 9 m.p.h.	Read. 28.92	
Set 60 °F	Char. G16	Corr. 28.81	

0700	1300	1900
Clds. 8/10 Sku.	Clds.	Clds.
Wx -	Wx	Wx
Vis. 25 mi	Vis.	Vis.

R. H. 80 %	24 hr. Mov. -	Sea L. 30.14	
Ppn. Liq. 1.44 in.	Prev. Dir. -	3 hr. Tend. +2.3mb/	
Ppn. Sol. - in.	Snow Depth - in.	Observer FJG	

$T_d = 54$

$\Sigma_{DD} = 24$

$\varepsilon_{PCN} = 4.49$

Sun. Aug 30, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 66 °F	Dir. —	Temp. 64°F	Lowly, Ng Fog, Along ridge movtg NE following ridge.
Min. 46 °F	Vel. 0 m.p.h.	Read. 28.98	
Set 47 °F	Char. Calm	Corr. 28.87	*lots of condensation in top of funnel this morning
R. H. 93%	24 hr. Mov. Ramos out	Sea L. 30.24	
Ppn. Liq. T * in.	Prev. Dir. Ramos out	3 hr. Tend. ~+0.8mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer VPH	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx F, ∞	Wx	Wx
Vis. 20mi	Vis.	Vis.

$T_{roof} - 50°F$

$T_w = 49°F$

$T_d = 48°F$

$\bar{T} = 56$

$H_{dd} = 9$

$\Sigma H_{dd} = 33$

$\Sigma pcn = 4.49"$

AUG. 31, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. —	Temp. 65			
Min. 47 °F	Vel. 0 m.p.h.	Read. 28.81			
Set 57 °F	Char. CALM	Corr. 28.70	0700	1300	1900
R. H. 70 %	24 hr. Mov. NA	Sea L. 30.03	Clds. 4/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. -0.5mb	Wx SCT	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 20 mi.	Vis.	Vis.

$T_{rwF} = 63$ $T_w = 57$ $T_d = 53$

$T_{d\,RANGE} = NA$

$\bar{T} = 62$

$H_{DD} = 3$

$\Sigma_{DD} = 36$

$\Sigma_{PCN} = 4.49"$