Wednesday April 1, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. W	Temp. 68°F	R and ocnl R to S- and SG- 1030 EST SW - during the afternoon
Min. 22 °F	Vel. 6 m.p.h.	Read. 28.86	
Set 23 °F	Char. —	Corr. 28.75	
R. H. 74 %	24 hr. Mov. 205 mi.	Sea L. 30.18	
Ppn. Liq. .47 in.	Prev. Dir. W	3 hr. Tend. +2.0 mb	
Ppn. Sol. .9 in.	Snow Depth — in.	Observer RLB	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx —	Wx	Wx
Vis. 7 mi.	Vis.	Vis.

$T_{d(UNV)} = 16°F$

$\bar{T} = 41$

$H_{DD} = 24$

$\Sigma H_{DD} = 24$

$\Sigma P_{(L)} = .47''$

$\Sigma P_{(S)} = .9''$

Thurs. April 2, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. S	Temp. 70	ovnt 10~390
Min. 23 °F	Vel. 6 m.p.h.	Read. 28.60	
Set 39 °F	Char. light	Corr. 28.48	
R. H. 62 %	24 hr. Mov. 118.3 mi	Sea L. 29.85	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. -0.6 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

	0700	1300	1900
Clds.	10/10	Clds.	Clds.
Wx		Wx	Wx
Vis.	30 mi	Vis.	Vis.

$T_d = 27$

$\bar{T} = 33$

$H_{00} = 32$

$\Sigma H_{00} = 56$

$\Sigma P_{(w)} = .47"$

$\Sigma P_{(s)} = .9"$

FRI. APR. 3, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. NNW	Temp. 68			
Min. 30 °F	Vel. 5 m.p.h.	Read. 28.82			
Set 31 °F	Char. STEADY	Corr. 28.70			
R. H. 78 %	24 hr. Mov. 124 mi.	Sea L. 30.11	0700	1300	1900
Ppn. Liq. 0.06 in.	Prev. Dir. WSW	3 hr. Tend. +1.5 mb	Clds. 10/10 STRAT	Clds.	Clds.
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JHM	Wx OVC	Wx	Wx
			Vis. 30 mi.	Vis.	Vis.

$T_{w\,(last)} = 29$

$\bar{T} = 37$

$H_{DD} = 28$

$\varepsilon_{DD} = 84$

$\varepsilon_{pcw.(L)} = 0.53$

$\varepsilon_{pcw.(U)} = 0.9$

SAT, APRIL 4, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. NE	Temp. 69	SNOW FELL BETWEEN 8:30 PM EST 4/3 - 2:00 AM 4/4/87 ABOUT 1 INCH ACCUMULATED
Min. 31 °F	Vel. 14 & 20 m.p.h.	Read. 28.46	
Set 35 °F	Char. STEADY	Corr. 28.34	
R. H. 95 %	24 hr. Mov. 94.6	Sea L. 29.72	
Ppn. Liq. .84 in.	Prev. Dir. NE	3 hr. Tend. -2.6mb	
Ppn. Sol. 1.0 in.	Snow Depth ~1 in.	Observer PK	

0700	1300	1900
Clds. 10/10 STRATUS	Clds.	Clds.
Wx RAIN/FOG	Wx	Wx
Vis. 1¼ MILES	Vis.	Vis.

$\overline{T} = 34$

$H_{DD} = 34$

$\Sigma_{DD} = 175$

$\Sigma_{RCW} = 1.37$

$\Sigma_{RVP\,(Lim)} = 1.9$

SUN. APR. 5, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 51 °F	Dir. NE	Temp. 70	⛈ ~ 1500 - 1700 LT, 4th ⛈ (< pea size) ~ 1500 LT
Min. 35 °F	Vel. 10G15 m.p.h.	Read. 28.46	
Set 38 °F	Char. GUSTY	Corr. 28.34	
R. H. 83 %	24 hr. Mov. 113 mi.	Sea L. 29.71	
Ppn. Liq. 0.54 in.	Prev. Dir. NE	3 hr. Tend. +2.0 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. STRATUS 10/10	Clds.	Clds.
Wx RW-/F	Wx	Wx
Vis. 2½ mi.	Vis.	Vis.

$T_{W\ roof} = 36$

$\bar{T} = 43$

$H_{DD} = 22$

$\Sigma_{DD} = 137$

$\Sigma_{pcw(L)} = 1.91$

$\Sigma_{pcw(S)} = 1.9$

Mon April 6, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. N	Temp. 70			
Min. 38 °F	Vel. 6 m.p.h.	Read. 28.52			
Set 40 °F	Char. light	Corr. 28.40	0700	1300	1900
R. H. 95 %	24 hr. Mov. 60.8 mi	Sea L. 29.77	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .41 in.	Prev. Dir. E	3 hr. Tend. +0.1 mb	Wx R-/F	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer LAS	Vis. 3 mi	Vis.	Vis.

$T_d = 39$

$\bar{T} = 41$

$H_{00} = 24$

$\Sigma H_{00} = 161$

$\Sigma P_{cn(L)} = 2.32$

$\Sigma P_{cn(S)} = 1.9$

Tues., Apr. 7, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. NW	Temp. 70°F	BINOVC winds vary 4-8 mph & NW to W		
Min. 40 °F	Vel. 8 m.p.h.	Read. 28.49			
Set 45 °F	Char. variable	Corr. 28,37	Thomas overnight low = 43°F		
			0700	1300	1900
R. H. 86 %	24 hr. Mov. 52.9 mi	Sea L. 29.72	Clds. 10/10 strCu	Clds.	Clds.
Ppn. Liq. 0.51 in.	Prev. Dir. N-NW	3 hr. Tend. +0.5 mb ✓	Wx —	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Vis. 35 mi	Vis.	Vis.

$T_w = 44°F$ $dd = 2°F$

$T_d = 42°F$ (PSU)

$\bar{T} = 44°F$

$H_{bo} = 21$

$\Sigma H_{og} = 182$

Σ pcn (L) = 2.83"

Σ pcn (s) = 1.9"

Wednesday April 8, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SW	Temp. 70°F			
Min. 36 °F	Vel. 9 m.p.h.	Read. 28.60			
Set 38 °F	Char. —	Corr. 28.49			
R. H. 82 %	24 hr. Mov. 99 mi.	Sea L. 29.86	0700	1300	1900
Ppn. Liq. — in.	Prev. Dir. NW	3 hr. Tend. +1.0 mb	Clds. 0/10	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Wx —	Wx	Wx
			Vis. 7 mi.	Vis.	Vis.

$T_{(roof)} = 40°F$

$T_{d\,(roof)} = 35°F$

$\bar{T} = 46°F$

$H_{DD} = 19$

$\Sigma H_{DD} = 201$

$\Sigma P_{(w)} = 2.83"$

$\Sigma P_{(s)} = 1.9"$

Thurs. April 9, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. W	Temp. 70	ount 10 = 400 Binoc
Min. 38 °F	Vel. 2 m.p.h.	Read. 28.68	
Set 40 °F	Char. light	Corr. 28.56	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx	Wx	Wx
Vis. 35 mi	Vis.	Vis.

R. H.	24 hr. Mov.	Sea L.	3 hr. Tend.
70 %	85.8 mi	29.94	+0.9 mb

Ppn. Liq.	Prev. Dir.	Observer
0 in.	N	LAS

Ppn. Sol.	Snow Depth
0 in.	0 in.

$T_d = 31$

$\bar{T} = 49$

$H_{oo} = 16$

$\Sigma H_{oo} = 217$

$\Sigma P_{(L)} = 2.83$

$\Sigma P_{(S)} = 1.09$

FRI APR. 10, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 63 °F	Dir. SW	Temp. 70	∅ SE
Min. 34 °F	Vel. 9 m.p.h.	Read. 28.60	
Set 39 °F	Char. Steady	Corr. 28.48	
R. H. 71 %	24 hr. Mov. Na	Sea L. 29.86	
Ppn. Liq. 0 in.	Prev. Dir. Na	3 hr. Tend. +1.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx CLR	Wx	Wx
Vis. 30 mi.	Vis.	Vis.

$T_{roof} = 40$

$T_w = 36.5$

$\bar{T} = 49$

$H_{DD} = 16$

$\varepsilon_{DD} = 233$

$\varepsilon_{pcw(L)} = 2.83''$

$\varepsilon_{pcw(I)} = 1.9''$

SATURDAY, APRIL 11, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. —	Temp. 71°F	Some smoke, haze in the valleys
Min. 37 °F	Vel. CALM m.p.h.	Read. 28.63	NUMEROUS CONTRAILS
Set 42 °F	Char. —	Corr. 28.51	
R. H. M %	24 hr. Mov. NA	Sea L. 29.88	
Ppn. 0 Liq. in.	Prev. Dir. NA	3 hr. Tend. +0.2 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JEL	

0700	1300	1900
Clds. 1/10 Ci	Clds.	Clds.
Wx Mostly Sunny	Wx	Wx
Vis. 30 Miles	Vis.	Vis.

$\bar{T} = 54$

$T_{ROOF} = 47$

$\bar{T}_{G(UNN)} = 28$

$H_{DD} = 11$

$\Sigma H_{DD} = 244$

$\Sigma P_{EN} = 2.83"$

$\Sigma S_{NOW} = 1.9"$

$T_{MAX} = 83$ 1977

$T_{MIN} = 20$ 1926

$T_{AVG} =$

SUN. APR 12, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. —	Temp. 70	THICK GROUND FOG W+SW RIDGES PARTIALLY OBSCURED CLOUDS MOSTLY -U ; SUN DIMLY VIS. THRU Altostratus
Min. 39 °F	Vel. 0 m.p.h.	Read. 28.55	
Set 42 °F	Char. CALM	Corr. 28.43	
R. H. 97 %	24 hr. Mov. 81 mi.	Sea L. 29.80	
Ppn. Liq. 0.06 in.	Prev. Dir. S	3 hr. Tend. -1.0mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10 -U	Clds.	Clds.
Wx FOG	Wx	Wx
Vis. 1/4 V 2	Vis.	Vis.

$T_{roof} = 43$

$T_w = 42.75$

$\overline{T} = 55$

$H_{DD} = 10$

$\Sigma_{DD} = 254$

$\Sigma_{pcw} = 2.89$

$\Sigma_{pcw(6)} = 1.9''$

Mon, April 13, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. NW	Temp. 70			
Min. 42 °F	Vel. 6 G 12 m.p.h.	Read. 28.81	* estimated		
Set 46 °F	Char. gusty	Corr. 28.69			
R. H. 76 %	24 hr. Mov. 100 mi	Sea L. 30.05	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. .31 Liq. in.	Prev. Dir. W	3 hr. Tend. +2.5* mb	Wx	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer LAS	Vis. 25 mi	Vis.	Vis.

$T_d = 39$

$\overline{T} = 49$

$H_{DD} = 16$

$\Sigma H_{DD} = 270$

$\Sigma P_{cn(L)} = 3.20"$

$\Sigma P_{cn(S)} = 1.9"$

Tues., Apr 14, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. S	Temp. 72° F	BINOVC		
Min. 44 °F	Vel. 3 m.p.h.	Read. 29.04			
Set 48 °F	Char. Steady	Corr. 28.91			
R. H. 80 %	24 hr. Mov. 87.5mi	Sea L. 30.28	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. 0 ✓	Clds. 10/10 Ci Sr Cu	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Wx ∞	Wx	Wx
			Vis. 15 mi	Vis.	Vis.

T_w = 46°F (T = 49°F) dd = 3°F

T_d = 43°F

$\bar{T}$ = 55

H_{DD} = 10

ΣH_{DD} = 280

Σ pcn (L) = 3.20"

Σ pcn (S) = 1.9"

Wednesday April 15, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. S	Temp. 72°F			
Min. 47 °F	Vel. 10 m.p.h.	Read. 28.90			
Set 51 °F	Char. —	Corr. 28.78			
			0700	1300	1900
R. H. 64 %	24 hr. Mov. M	Sea L. 30.13	Clds. 10/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. -1.0 mb	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 10 mi	Vis.	Vis.

$T_{(roof)} = 54°F$

$T_{d\,(roof)} = 42°F$

$\bar{T} = 58°F$

$H_{DD} = 7$

$\Sigma H_{DD} = 287$

$\Sigma P_{(L)} = 3.2"$

$\Sigma P_{(S)} = 1.9"$

Thurs., April 16, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. E	Temp. 72			
Min. 44 °F	Vel. 6 m.p.h.	Read. 28.76			
Set 44 °F	Char. light	Corr. 28.63	0700	1300	1900
R. H. 47 %	24 hr. Mov. 39.3mi	Sea L. 30.00	Clds. 1/10	Clds.	Clds.
Ppn. Liq. 0.01 in.	Prev. Dir. E	3 hr. Tend. -0.7mb	Wx -DZ	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 35mi.	Vis.	Vis.

$T_g = 25$

$\bar{T} = 50$

$H_{oo} = 15$

$\Sigma H_{oo} = 302$

$\Sigma P_{cm(L)} = 3.21$

$\Sigma P_{cm(S)} = 1.9''$

Friday, April 17, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 55°F	Dir. NE	Temp. 72°F			
Min. 44°F	Vel. 6 m.p.h.	Read. 28.56			
Set 47°F	Char. Variable 4-8 mph	Corr. 28.43	Ramos Overnight Low = 47°F		
			0700	1300	1900
R. H. 93%	24 hr. Mov. 119.9	Sea L. 29.78	Clds. 10 Nimbostr 10	Clds.	Clds.
Ppn. Liq. 0.17" in.	Prev. Dir. NE	3 hr. Tend. +0.6 mb ✓	Wx Fog / ••	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Vis. 1 mi	Vis.	Vis.

$T_w = 47°F$ $(T_{dry} = 48°F)$

$T_d = 46°F$

$\bar{T} = 50$

$H_{DD} = 15$

$\Sigma H_{DD} = 317$

Σ pcn(4) = 3.38"

Σ pcn(5) = 1.9"

Saturday, April 18, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 54 °F	Dir. NE	Temp. 73	RIDGES OBSCURED VIS HIGHER TO NE
Min. 47 °F	Vel. 3 m.p.h.	Read. 28.76	
Set 51 °F	Char. –	Corr. 28.63	
R. H. 93 %	24 hr. Mov. 61 mi	Sea L. 29.98	
Ppn. Liq. 0.05 in.	Prev. Dir. NE	3 hr. Tend. +1.5mb/	
Ppn. Sol. – in.	Snow Depth – in.	Observer FJG	

0700	1300	1900
Clds. 10/10 St	Clds.	Clds.
Wx FOG	Wx	Wx
Vis. 3 mi	Vis.	Vis.

$T_d = 49°$

$\bar{T} = 51$

$H_{DD} = 14$

$\Sigma H_{DD} = 331$

$\Sigma_{RCN(L)} = 3.43"$

$\Sigma_{SNOW} = 1.9"$

Sunday April 19, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. —	Temp. 72°F			
Min. 45 °F	Vel. — m.p.h.	Read. 28.99			
Set 48 °F	Char. CALM	Corr. 28.87	0700	1300	1900
R. H. 93 %	24 hr. Mov. 39 mi.	Sea L. 30.24	Clds. 10/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. N	3 hr. Tend. +.30 mb ✓	Wx Fog	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 2 mi.	Vis.	Vis.

$T_{(roof)} = 51°F$

$T_{d\,(roof)} = 49°F$

$\bar{T} = 55°F$

$H_{DD} = 10$

$\Sigma H_{DD} = 341$

$\Sigma P_{(L)} = 3.43''$

$\Sigma P_{(S)} = 1.9''$

Mon. April 20, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 76 °F	Dir.	Temp. 76	dense fog NE → SW fog SW → NE dissipated ~ 0730 local time
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.01	
Set 54 °F	Char. calm	Corr. 28.87	
R. H. 73 %	24 hr. Mov. 40 mi	Sea L. 30.22	
Ppn. Liq. 0.02 in.	Prev. Dir. E	3 hr. Tend. + 1.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx ~~fog~~	Wx	Wx
Vis. 3 mi	Vis.	Vis.

$T_d = 52$

$\bar{T} = 62$

$H_{oo} = 3$

$\Sigma H_{oo} = 344$

$\Sigma P_{cn(L)} = 3.45''$

$\Sigma P_{cn(S)} = 1.9''$

Tues., April 21, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. E	Temp. 78° F	Low-lying fog east
Min. 51 °F	Vel. 2 m.p.h.	Read. 28.94	
Set 56 °F	Char. light	Corr. 28.80	
R. H. 83 %	24 hr. Mov. 61.1	Sea L. 30.14	
Ppn. Liq. 0 in.	Prev. Dir. E	3 hr. Tend. +0.8 mb /	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

	0700	1300	1900
	Clds. 0/10	Clds.	Clds.
	Wx ∞	Wx	Wx
	Vis. 5 mi	Vis.	Vis.

$T_w = 55°F$ $T_{dry} = 58°F$

$T_d = 53°F$

$\bar{T} = 66$

$H_{dd} = 0$

$\Sigma H_{dd} = 344$

Σ pcn(L) = 3.45"

Σ pcn(S) = 1.9"

Wednesday April 22, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. NE	Temp. 80°F			
Min. 56 °F	Vel. 10 m.p.h.	Read. 28.93			
Set 56 °F	Char. Gusty	Corr. 28.79	0700	1300	1900
R. H. 83 %	24 hr. Mov. M	Sea L. 30.13	Clds. 4/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. +2.0mb	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 10 mi.	Vis.	Vis.

$T_{(roof)} = 55°F$

$T_{d(roof)} = 50°F$

$\bar{T} = 69°F$

$H_{DD} = 0$

$\Sigma H_{DD} = 344$

$\Sigma P_{(L)} = 3.45$"

$\Sigma P_{(S)} = 1.9$"

Thurs, Apr' 23, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. S	Temp. 78			
Min. 52 °F	Vel. 8 m.p.h.	Read. 28.92			
Set 52 °F	Char. steady	Corr. 28.78	* estimated		
			0700	1300	1900
R. H. 80 %	24 hr. Mov. 40	Sea L. 30.13	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SE	3 hr. Tend. +0.02*	Wx Fog ?	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 10mi	Vis.	Vis.

$T_d = 46$

$\bar{T} = 66$

$H_{DD} = 0$

$\sum H_{DD} = 344$

$\sum P_{(L)} = 3.45$

$\sum P_{(S)} = 1.09$

FRI APR. 24, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. ENE	Temp. 76			
Min. 51 °F	Vel. 5G10 m.p.h.	Read. 28.70			
Set 51 °F	Char. GUSTY	Corr. 28.56			
			0700	1300	1900
R. H. 97 %	24 hr. Mov. 80.4 mi.	Sea L. 29.91	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0.49 in.	Prev. Dir. SSE	3 hr. Tend. ↓ +1.0 mb	Wx FOG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 1/2 mi.	Vis.	Vis.

$T_{roof} = 52$

$T_w = 51.5$

$\bar{T} = 54$

$H_{DD} = 11$

$\Sigma_{DD} = 355$

$\Sigma_{PEN(L)} = 3.94$

$\Sigma_{PEN(J)} = 1.9$

SATURDAY, APRIL 25, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. ENE	Temp. 72° F	WIND GUSTING TO 25 M.P.H.		
Min. 38 °F	Vel. 16 * m.p.h.	Read. 29.06			
Set 39 °F	Char. Gusty	Corr. 28.93			
R. H. M %	24 hr. Mov. 121 Miles	Sea L. 30.33	0700	1300	1900
Ppn. 0.14 Liq. in.	Prev. Dir. NE	3 hr. Tend. +20 mb	Clds. 1/10 SC	Clds.	Clds.
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JEL	Wx Mostly Sunny	Wx	Wx
			Vis. 30 Miles	Vis.	Vis.

$\bar{T} = 46$

$T_{max} = 40$

$T_{d(min)} = 29$

$HDD = 19$

$\Sigma HDD = 384$

$\Sigma P_{cp} = 4.08''$

$\Sigma S_{snow} = 1.9''$

$T_{MAX} = 90 \quad 1915$

$T_{MIN} = 25 \quad 1919$

$T_{AVG} = 63/42$

SUN. APR 26, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir. NE	Temp. 73			
Min. 34 °F	Vel. 4 m.p.h.	Read. 29.01			
Set 40 °F	Char. STEADY	Corr. 28.88	0700	1300	1900
R. H. 63 %	24 hr. Mov. 80 mi.	Sea L. 30.27	Clds. 2/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NE	3 hr. Tend. /+1.5 mb	Wx SCT	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 35 mi.	Vis.	Vis.

$T_{roof} = 43$

$T_W = 38$

$\bar{T} = 47$

$H_{DD} = 18$

$\Sigma_{DD} = 392$

$\Sigma_{pcn(L)} = 4.08"$

$\Sigma_{pcn(S)} = 1.9"$

Mon. April 27, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 66 °F	Dir. SSW	Temp. 73			
Min. 38 °F	Vel. 10 m.p.h.	Read. 29.00			
Set 45 °F	Char. steady	Corr. 28.87			
			0700	1300	1900
R. H. 49 %	24 hr. Mov. 36 mi	Sea L. 30.25	Clds. 3/10 ci	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. + 0.8 mb	Wx	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 30 mi	Vis.	Vis.

$T_d = 27$

$\bar{T} = 52$

$H_{DD} = 13$

$\Sigma H_{DD} = 405$

$\Sigma P_{in(i)} = 4.08''$

$\Sigma P_{in(s)} = 1.9''$

Tuesday, April 28, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. WSW	Temp. 73° F	Low-lying Fog East Top of Mt. Nittany Obscured BINOVC 9
Min. 40 °F	Vel. 10 m.p.h.	Read. 28.63	
Set 41 °F	Char. Variable 8-12 mph	Corr. 28.50	
R. H. 92 %	24 hr. Mov. 207.3 mi	Sea L. 29.87	
Ppn. Liq. 0.30 in.	Prev. Dir. S	3 hr. Tend. 0 ✓	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer VAP	

0700	1300	1900
Clds. 10/10 Str. Cu	Clds.	Clds.
Wx F-	Wx	Wx
Vis. 5 mi	Vis.	Vis.

$T_w = 42°F$ $T_{drg} = 43°F$

$T_d = 41°F$

$\bar{T} = 53°F$

$H_{DD} = 12$

$\Sigma H_{DD} = 417$

$\Sigma pcw(L) = 4.38"$

$\Sigma pcw(S) = 1.9"$

Wednesday April 29, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. WSW	Temp. 72°F			
Min. 35 °F	Vel. 10 m.p.h.	Read. 28.66			
Set 40 °F	Char. —	Corr. 28.54			
R. H. 76 %	24 hr. Mov. 167 mi.	Sea L. 29.91	0700	1300	1900
Ppn. Liq. .03 in.	Prev. Dir. W	3 hr. Tend. -.30 mb \	Clds. 10/10	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Wx —	Wx	Wx
			Vis. 10 mi.	Vis.	Vis.

$T_{(roof)} = 42°F$

$T_{d\,(roof)} = 35°F$

$\bar{T} = 43°F$

$H_{DD} = 22$

$\Sigma H_{DD} = 439$

$\Sigma P_{(L)} = 4.41"$

$\Sigma P_{(S)} = 1.9"$

Thursday April 30, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. WNW	Temp. 72	* just a few sprinkles at ~ 22 z on 4/29
Min. 39 °F	Vel. 14 G18 m.p.h.	Read. 28.61	GUSTS TO 58 mph ≈ 1730 LT, 29th
Set 39 °F	Char. gusty	Corr. 28.48	
R. H. 52 %	24 hr. Mov. 274 mi.	Sea L. 29.85	
Ppn. T Liq. * in.	Prev. Dir. W	3 hr. Tend. +3.0 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer LAS	

	0700	1300	1900
Clds.	8/10 BKN	Clds.	Clds.
Wx		Wx	Wx
Vis.	35 mi	Vis.	Vis.

$T_d = 25$

$\bar{T} = 56$

$M_{OD} = 9$

$\Sigma M_{OD} = 448$

$\Sigma P_{(L)} = 4.41"$

$\Sigma P_{(S)} = 1.9"$