SUN., MAR. 1, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. ENE	Temp. 71	PRESFR RIDGETOPS OBSCURED
Min. 31 °F	Vel. 10G20 m.p.h.	Read. 28.35	
Set 43 °F	Char. GUSTY	Corr. 28.23	
R. H. 86 %	24 hr. Mov. 79 mi.	Sea L. 29.58	
Ppn. Liq. 0.41 in.	Prev. Dir. S	3 hr. Tend. -4.5mb	
Ppn. Sol. 0 in.	Snow Depth T in.	Observer JHM	

0700	1300	1900
Clds. VV 10/10	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 10 mi.	Vis.	Vis.

$T_{d\,(UNV)} = 40$

$\bar{T} = 38$

$H_{DD} = 27$

$\Sigma_{DD} = 27$

$\Sigma\, p_{UN(L)} = 0.41$

$\Sigma\, p_{UN(S)} = 0$

Monday March 2, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. WNW	Temp. 68°F	SW- ~1030 Z Gusts to 50 mph between 1100 and 1200 Z A few flakes in the air at obs time
Min. 34 °F	Vel. 25 m.p.h.	Read. 28.50	
Set 34 °F	Char. Very Gusty	Corr. 28.39	
R. H. 69 %	24 hr. Mov. 179 mi.	Sea L. 29.78	
Ppn. Liq. .14 in.	Prev. Dir. SW	3 hr. Tend. +3.5 mb /	
Ppn. Sol. T in.	Snow Depth T in.	Observer RLB	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx SW--	Wx	Wx
Vis. 12 mi.	Vis.	Vis.

T_d (UNV) = 25°F

$\bar{T}$ = 41°F

HDD = 24

ΣHDD = 51

$\Sigma P_{(L)}$ = .55

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

Tuesday March 3, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. WNW	Temp. 69°F			
Min. 31 °F	Vel. 11 m.p.h.	Read. 28.88			
Set 32 °F	Char. —	Corr. 28.77	0700	1300	1900
R. H. 85 %	24 hr. Mov. 242 mi.	Sea L. 30.18	Clds. 4/10	Clds.	Clds.
Ppn. Liq. .12 in.	Prev. Dir. W	3 hr. Tend. +1.5mb	Wx —	Wx	Wx
Ppn. Sol. 1.2 in.	Snow Depth .1 in.	Observer RLB	Vis. 10 mi.	Vis.	Vis.

$T_d(UNV) = 28°F$

$\bar{T} = 36$

$H_{DD} = 29$

$\Sigma H_{DD} = 80$

$\Sigma P(L) = .67"$

$\Sigma P(S) = 1.2"$

Wed., March 4, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 38 °F	Dir. NW	Temp. 68°F	Haze east
Min. 19 °F	Vel. 6 m.p.h.	Read. 29.15	
Set 19 °F	Char. Steady	Corr. 29.03	
R. H. 68 %	24 hr. Mov. 212.9mi	Sea L. 30.49	
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. +1.4 mb	
Ppn. T Sol. in.	Snow Depth 1 in.	Observer JAP	

0700	1300	1900
Clds. Ci Sc. Cu 9/10 Alto Str.	Clds.	Clds.
Wx —	Wx	Wx
Vis. 35 mi.	Vis.	Vis.

T_d (UNV) = 10° F

$\bar{T}$ = 29° F

H_{DD} = 36

ΣH_{DD} = 116

$\Sigma P_{(L)}$ = 0.67"

$\Sigma P_{(S)}$ = 1.2"

Thurs., March 5, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. —	Temp. 68° F	Low lying fog ~~over~~
Min. 16 °F	Vel. 0 m.p.h.	Read. 29.24	
Set 17 °F	Char. Calm	Corr. 29.12	
R. H. 84 %	24 hr. Mov. 52.3	Sea L. 30.59	
Ppn. T Liq. in.	Prev. Dir. N NW	3 hr. Tend. +1.0 mb ✓	
Ppn. T Sol. in.	Snow Depth 1 in.	Observer JAP	

0700	1300	1900
Clds. 6/10 Ci	Clds.	Clds.
Wx ∞	Wx	Wx
Vis. 25 mi	Vis.	Vis.

T_d (NNW) = 13°F

$\bar{T}$ = 24°F

H_{DD} = 41

ΣH_{DD} = 157

$\Sigma P_{(L)}$ = 0.67"

$\Sigma P_{(S)}$ = 1.2"

FRI. MAR. 6, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. —	Temp. 69	FOG/HAZE BASE OF TUSSY RIDGE + MT. NITTANY
Min. 17 °F	Vel. 0 m.p.h.	Read. 29.16	
Set 23 °F	Char. CALM	Corr. 29.04	RAMOS OFFICE LOW = 23
R. H. 84 %	24 hr. Mov. 25	Sea L. 30.49	
Ppn. Liq. 0 in.	Prev. Dir. E	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0 in.	Snow Depth T in.	Observer JHM	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx CLR	Wx	Wx
Vis. 15 mi.	Vis.	Vis.

$T_d(\text{UHV}) = 19$

$\bar{T} = 29$

$H_{DD} = 36$

$\Sigma_{DD} = 193$

$\Sigma_{PCN(L)} = 0.67"$

$\Sigma_{PCN(S)} = 1.2"$

Saturday March 7, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. SW	Temp. 70	Strong inversion at obs time T roof = 45°
Min. 23 °F	Vel. 7 m.p.h.	Read. 29.08	
Set 35 °F	Char.	Corr. 28.96	
R. H. 87 %	24 hr. Mov. 76 mi	Sea L. 30.36	
Ppn. Liq. - in.	Prev. Dir SW	3 hr. Tend. +0.5r	
Ppn. Sol. - in.	Snow Depth 1 in.	Observer FJG	

	0700	1300	1900
Clds.	4/10 Ci	Clds.	Clds.
Wx		Wx	Wx
Vis.	20 mi	Vis.	Vis.

$T_d(UNV) = 31$

$\bar{T} = 41$

$H_{DD} = 24$

$\Sigma_{DD} = 216$

$\Sigma_{RCN} = 0.67''$

$\Sigma_{SOLID} = 1.2''$

SUN. MAR 8, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 67* °F	Dir. WSW	Temp. 73	OVRNT LOW ROOF ≈ 49°F UNV 12Z OB = 52°F FEW Ci SOUTH NEW RECORD HIGH MAX
Min. 35 °F	Vel. 5 m.p.h.	Read. 28.71	
Set 39 °F	Char. STEADY	Corr. 28.58	
R. H. 79 %	24 hr. Mov. 99 mi.	Sea L. 29.96	
Ppn. 0 Liq. in.	Prev. Dir. SW	3 hr. Tend. +0mb ^	
Ppn. 0 Sol. 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_d (UNV) = 33

$\bar{F} = 51$

$H_{DD} = 14$

$\Sigma_{DD} = 230$

$\Sigma_{pUN(L)} = 0.67"$

$\Sigma_{pUN(S)} = 1.2"$

Mon. March 9, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 73* °F	Dir. N	Temp. 74	new record high max		
Min. 39 °F	Vel. 5 m.p.h.	Read. 28.49			
Set 42 °F	Char. light	Corr. 28.36	0700	1300	1900
R. H. 79 %	24 hr. Mov. 76.5mi	Sea L. 29.73	Clds. 9/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.1mb	Wx haze	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 25mi	Vis.	Vis.

$T_d = 36$

$\bar{T} = 56$

$H_{DD} = 9$

$\Sigma H_{DD} = 239$

$\Sigma P_{cn}(L) = 0.67"$

$\Sigma P_{cn}(S) = 1.2"$

Tues., March 10, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. NE	Temp. 68°F	Haze east wind gust to 18 mph.
Min. 10 °F	Vel. 10 m.p.h.	Read. 29.03	
Set 10 °F	Char. Gusty	Corr. 28.91	*barograph run down

R. H.	24 hr. Mov.	Sea L.	0700	1300	1900
55 %	173.4 mi	30.39	Clds. 3/10 ci	Clds.	Clds.
Ppn. 0 in. Liq.	Prev. Dir. NE	3 hr. Tend. */2-3 mb	Wx —	Wx	Wx
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer JAP	Vis. 35 mi	Vis.	Vis.

T_d (UNV) = -3°F

$\bar{T}$ = 29°F

H_{DD} = 36

ΣH_{DD} = 275

ΣP_{CN} (L) = 0.67"

ΣP_{CN} (S) = 1.2"

Wednesday March 11, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. NE	Temp. 68°F			
Min. 10 °F	Vel. 4 m.p.h.	Read. 29.24			
Set 10 °F	Char. —	Corr. 29.13			
			0700	1300	1900
R. H. 76 %	24 hr. Mov. 88 mi.	Sea L. 30.63	Clds. 2/10 Ci	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. NE	3 hr. Tend. +0.5 mb	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 20 mi.	Vis.	Vis.

T_d (UNV) = 4°F

$\bar{T}$ = 21°F

HI_{DD} = 44

ΣHI_{DD} = 319

$\Sigma P(L)$ = .67"

$\Sigma P(S)$ = 1.02"

Thurs. March 12, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. SSW	Temp. 69	ovnt 10 ~ 25°
Min. 10 °F	Vel. 3 m.p.h.	Read. 29.12	
Set 25 °F	Char. light	Corr. 29.00	
R. H. 62 %	24 hr. Mov. 80.2	Sea L. 30.44	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +0.4mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

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

$T_d = 14°$ (estimated)

$\bar{T} = 24$

$H_{00} =$ ~~39~~ 41

$\Sigma H_{00} = 3$ ~~60~~ 50

$\Sigma P(L) = .67''$

$\Sigma P(S) = 1.2''$

FRI MAR 13, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. N	Temp. 72			
Min. 25 °F	Vel. 8 m.p.h.	Read. 28.95			
Set 28 °F	Char. GUSTS TO 12 mph	Corr. 28.82			
			0700	1300	1900
R. H. 60 %	24 hr. Mov. 86 mi.	Sea L. 30.24	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +a5 mb	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 20 mi.	Vis.	Vis.

T_d (HW) = 16

$\bar{T}$ = 37

H_{DD} = 28

Σ_{DD} = 388

$\Sigma_{pcw(L)}$ = 0.67"

$\Sigma_{pcw(S)}$ = 1.2"

SATURDAY, MARCH 14, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. —	Temp. 70° F	SUN APPEARING THROUGH ONLY QUADRANT OF SKY NOT COVERED BY HIGH CLOUDS
Min. 16 °F	Vel. CALM m.p.h.	Read. 28.97	
Set 17 °F	Char. —	Corr. 28.85	
R. H. 80 %	24 hr. Mov. 73.8 M.	Sea L. 30.31	
Ppn. — Liq. in.	Prev. Dir. N	3 hr. Tend. -0.1 mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer JEL	

0700	1300	1900
Clds. 9/10 Ci Cs	Clds.	Clds.
Wx Mostly Cloudy	Wx	Wx
Vis. 40 Miles	Vis.	Vis.

$\bar{T} = 29$

$T_{roof} = 19$

$T_{b.roof} = M$ (unv)

$H_{DD} = 36$

$\Sigma H_{DD} = 424$

$\Sigma S_{NOW} = 1.2"$

$\Sigma P_{CN} = 0.67"$

$T_{MAX} = 70$ 1945

$T_{MIN} = 9$ 1932

T_{ANG} 44/27

Sunday, March 15, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 34 °F	Dir. NE	Temp. 70° F	Fog (Obscuration to east & South)
Min. 17 °F	Vel. 7 m.p.h.	Read. 28.97	Ramos Overnight low ⇒ 27°F
Set 28 °F	Char. Steady	Corr. 28.85	
R. H. 85 %	24 hr. Mov. 42.6 mi	Sea L. 30.26	
Ppn. Liq. *0.27 in. (See back)	Prev. Dir. NE	3 hr. Tend. /+2.0mb	
Ppn. Sol. 4.5 in.	Snow Depth 5 in.	Observer JAP	

0700	1300	1900
Clds. 10/10 Alto. Str.	Clds.	Clds.
Wx —	Wx	Wx
Vis. 6 mi	Vis.	Vis.

T_d (UNV) = 24° F

$\bar{T}$ = 23

H_{DD} = 42

ΣH_{DD} = 466

Σ PCN (L) = **0.94"**

Σ Snow = [redacted] **5.7"**

* Funnel was on top of snow gauge — precip in top of funnel melted down to 0.24 inches.
Note: PIT reported 5" snow & 0.45" liquid.

Monday, March 16, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. ENE	Temp. 70	fog to S + SE		
Min. 23 °F	Vel. 8 m.p.h.	Read. 29.12			
Set 23 °F	Char. light	Corr. 29.00	0700	1300	1900
R. H. 62 %	24 hr. Mov. 49.9 mi	Sea L. 30.45	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NE	3 hr. Tend. +1.2 mb	Wx sunny	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth T in.	Observer LAS	Vis. 30 mi	Vis.	Vis.

$T_d = 12$

$\bar{T} = 34$

$H_{00} = 31$

$\Sigma P_{can_L} = 0.94"$

$\Sigma_{snow} = 5.7"$

$\Sigma H_{00} = 497$

Tues., March 17, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. N	Temp. 70°F	Few Cirrus NE		
Min. 23 °F	Vel. 7 m.p.h.	Read. 29.04			
Set 27 °F	Char. Variable	Corr. 28.92	Ramos Overnight Low = 26°F		
			0700	1300	1900
R. H. 46 %	24 hr. Mov. 115.5mi	Sea L. 30.35	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +0.1mb/r	Wx ∞	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth T in.	Observer JAP	Vis. 25mi	Vis.	Vis.

T_d(NOV) = 9°F

$\bar{T}$ = 33°F

H_{DD} = 33

ΣH_{DD} = 528

Σ pcn (L) = 0.94"

Σ Snow = 5.7"

Wednesday March 2, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. NE	Temp. 70°F			
Min. 21 °F	Vel. 5 m.p.h.	Read. 29.04			
Set 23 °F	Char. —	Corr. 28.93			
R. H. 52 %	24 hr. Mov. M	Sea L. 30.37	0700	1300	1900
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. -0.5mb	Clds. 0/10	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Wx —	Wx	Wx
			Vis. 25 mi.	Vis.	Vis.

$T_d(UNV) = 8°F$

$\bar{T} = 37$

$H_{DD} = 28$

$\Sigma H_{DD} = 556$

$\Sigma P_{(L)} = .94"$

$\Sigma P_{(S)} = 5.7"$

Thurs. March 19, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. —	Temp. 70	Ci to W some haze to SE
Min. 23 °F	Vel. 0 m.p.h.	Read. 28.86	
Set 26 °F	Char. calm	Corr. 28.74	ramos ovnt 10~20
R. H. 68 %	24 hr. Mov. 58.9 mi	Sea L. 30.17	
Ppn. Liq. 0 in.	Prev. Dir. NE	3 hr. Tend. +0.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx sunny	Wx	Wx
Vis. 30 mi	Vis.	Vis.

$T_d = 17$

$\bar{T} = 40$

$H_{DD} = 25$

$\Sigma H_{DD} = 581$

$\Sigma P_{(L)} = .94"$

$\Sigma P_{(S)} = 5.7"$

FRI. MAR 20, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. SW	Temp. 70	GRAND FOG VALLEY EAST
Min. 26 °F	Vel. 3 m.p.h.	Read. 28.67	CIRRUS ON HORIZON NE
Set 30 °F	Char. light	Corr. 28.55	
R. H. 55 %	24 hr. Mov. 69	Sea L. 29.95	
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx CLR	Wx	Wx
Vis. 35 mi	Vis.	Vis.

$T_{d(HW)} = 16$

$\overline{T} = 41$

$H_{DD} = 24$

$\Sigma_{DD} = 605$

$\Sigma_{PCN(L)} = 0.94"$

$\Sigma_{PCN(J)} = 5.7"$

Sat. March 21, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. —	Temp. 69			
Min. 30 °F	Vel. — m.p.h.	Read. 28.73			
Set 31 °F	Char. CALM	Corr. 28.61			
			0700	1300	1900
R. H. 66 %	24 hr. Mov. 140 mi	Sea L. 30.01	Clds. 0/10	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. NW	3 hr. Tend. +0.3mb	Wx —	Wx	Wx
Ppn. T Sol. in.	Snow Depth — in.	Observer FJG	Vis. 35 mi	Vis.	Vis.

T_d (UNV) = 21°F

$\bar{T}$ = 44

HDD = 21

Σ_{DD} = 626

Σ_{EQ} = 0.94

Σ_{SOLID} = 5.7

Sun., March 22, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. N	Temp. 70° F	BINOVC		
Min. 31 °F	Vel. 10 m.p.h.	Read. 28.69			
Set 42 °F	Char. Gusty	Corr. 28.57	Ramos overnight Low = 37°F		
			0700	1500	1900
R. H. 63 %	24 hr. Mov. 157 mi	Sea L. 29.73	Clds. 10/10 Str. Cu	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. NNW	3 hr. Tend. +1.8mb /	Wx —	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JAP	Vis. 35 mi	Vis.	Vis.

$T_J(UWV) = 30°F$

$\bar{T} = 41°F$

$\#_{DD} = 24$

$\sum H_{DD} = 650$

$\sum PCW(L) = 0.94''$

$\sum Snow = 5.7''$

Mon, March 23, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. —	Temp. 68	thick, low lying fog from NE to SE
Min. 27 °F	Vel. 0 m.p.h.	Read. 28.92	frost
Set 27 °F	Char. calm	Corr. 28.80	* Estimated using $T_{wet} = 30°$, $T_d = 28$
R. H. * 92 %	24 hr. Mov. 61.2 mi	Sea L. 29.23	
Ppn. Liq. T in.	Prev. Dir. N	3 hr. Tend. +1.8 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx sunny	Wx	Wx
Vis. 15 mi	Vis.	Vis.

$T_d = 28$

$\bar{T} = 39$

$H_{oo} = 26$

$\Sigma H_{oo} = 676$

$\Sigma P_{en(L)} = 0.94''$

$\Sigma P_{en(S)} = 5.7''$

Tues, March 24, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. NE	Temp. 70°F	Lowlying Fog east Cirrus on horizon SW
Min. 27 °F	Vel. 2 m.p.h.	Read. 28.89	
Set 31 °F	Char. light	Corr. 28.77	
R. H. 89 %	24 hr. Mov. 32 mi	Sea L. 30.18	
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +1.8mb/	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer WP	

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

T_d(UNV) = 28°F T(UNV) = 33°F

$\bar{T}$ = 45°F

H_{DD} = 20

ΣH_{DD} = 696

Σ pcn (L) = 0.94"

Σ snow = 5.7"

Wednesday March 25, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 69 °F	Dir. S	Temp. 72°F			
Min. 31 °F	Vel. 10 m.p.h.	Read. 28.86			
Set 51 °F	Char. –	Corr. 28.74	overnight low ~ 49°F		
			0700	1300	1900
R. H. 48 %	24 hr. Mov. M	Sea L. 30.09	Clds. 9/10	Clds.	Clds.
Ppn. Liq. – in.	Prev. Dir. M	3 hr. Tend. +0.0 mb –	Wx –	Wx	Wx
Ppn. Sol. – in.	Snow Depth – in.	Observer RLB	Vis. 20 mi.	Vis.	Vis.

$T_{d(UNV)} = 32°F$

$\bar{T} = 50°F$

$H_{DD} = 15$

$\Sigma H_{DD} = 711$

$\Sigma P_{(L)} = .94"$

$\Sigma P_{(S)} = 5.7"$

Thurs. March 26, 1987 0400 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. WSW	Temp. 71			
Min. 43 °F	Vel. 8 m.p.h.	Read. 28.70			
Set 43 °F	Char. gusty	Corr. 28.58	0700	1300	1900
R. H. 70 %	24 hr. Mov. 143.6 mi	Sea L. 29.95	Clds. 6/10	Clds.	Clds.
Ppn. Liq. .26 in.	Prev. Dir. S	3 hr. Tend. +2.2 mb	Wx	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 35 mi	Vis.	Vis.

$T_d = 34$

$\bar{F} = 49$

$H_{00} = 16$

$\Sigma H_{00} = 727$

$\Sigma P_{(L)} = 1.20''$

$\Sigma P_{(S)} = 5.7''$

FRI MAR 27, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. —	Temp. 71	altostratus; valley fog SE
Min. 36 °F	Vel. 0 m.p.h.	Read. 28.75	
Set 40 °F	Char. calm	Corr. 28.63	

	0700	1300	1900
R. H. 83 %	Clds. 8/10	Clds.	Clds.
Ppn. 0 Liq. in.	Wx ∞	Wx	Wx
Ppn. 0 Sol. in.	Vis. 10 mi.	Vis.	Vis.

24 hr. Mov.	Sea L.	3 hr. Tend.	Prev. Dir.	Snow Depth	Observer
128 mi.	30.01	+2.0 mb	W	0 in.	JHM

T_d (uW) = 35

$\bar{T} = 47$

$H_{DD} = 18$

$\Sigma_{DD} = 745$

$\Sigma_{pw(L)} = 1.20''$

$\Sigma_{pw(S)} = 5.7''$

Saturday March 28, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. –	Temp. 72	B WOVC SUN ONLY VSBL		
Min. 40 °F	Vel. – m.p.h.	Read. 28.76			
Set 44 °F	Char. CALM	Corr. 28.63			
			0700	1300	1900
R. H. 86 %	24 hr. Mov. 53mi	Sea L. 30.00	Clds. 10/10 St	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. +1.1mb	Wx ~~HAZE~~	Wx	Wx
Ppn. Sol. – in.	Snow Depth – in.	Observer FJG	Vis. 6mi	Vis.	Vis.

$T_{d(NOV)} = 40$

$\bar{T} = 51$

$H_{DD} = 14$

$\Sigma_{DD} = 759$

$\Sigma_{PCN(L)} = 1.20"$

$\Sigma_{PCN(S)} = 5.7"$

Sunday, March 29, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. —	Temp. 72 °F			
Min. 40 °F	Vel. 0 m.p.h.	Read. 28.93			
Set 41 °F	Char. Calm	Corr. 28.80			
			0700	1300	1900
R. H. 96 %	24 hr. Mov. 29.2	Sea L. 30.18	Clds. 0/10	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. S	3 hr. Tend. +1.1 mb	Wx Fog	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JAP	Vis. 2 mi	Vis.	Vis.

$T_d(UNV) = 40°F$ $T(UNV) = 44°F$

$\bar{T} = 54°F$

$H_{DD} = 18$

$\Sigma H_{DD} = 770$

$\Sigma pcn(L) = 1.20"$

$\Sigma pcn(S) = 5.7"$

Mon. March 30, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. S	Temp. 74	ount lo ~470		
Min. 41 °F	Vel. 18G35 m.p.h.	Read. 28.70	L - at obs time		
Set 54 °F	Char. gusty	Corr. 28.57	* Estimated - microbarograph had fun down		
R. H. 73 %	24 hr. Mov. M	Sea L. 29.91	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. SE	3 hr. Tend. -.5*	Clds. 10/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Wx haze	Wx	Wx
			Vis. 5 mi	Vis.	Vis.

$T_d = 46$

$\bar{T} = 57$

$H_{00} = 8$

$\Sigma H_{00} = 78$

$\Sigma P_{cm(L)} = 1.2"$

$\Sigma P_{cm(S)} = 5.7"$

Tuesday, March 31, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. W	Temp. 74°F	Wind Gusts to 40 mph. From at 0710 EST		
Min. 51 °F	Vel. 28 m.p.h.	Read. 28.10	PRE +3.1 mb in 40 min at 0740 EST		
Set 58 °F	Char. Gusty	Corr. 27.87	T(WW) at 1259Z → 37°F		
R. H. 84 %	24 hr. Mov. N/A	Sea L. 29.16	0700	1300	1900
Ppn. Liq. 1.06 in.	Prev. Dir. N/A	3 hr. Tend. -3.2mb	Clds. 10/10 Nimbostr.	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Wx Rain	Wx	Wx
			Vis. 3mi	Vis.	Vis.

T_d(NOV) = 54°F

$\bar{T}$ = 55

H_{DD} = 10

ΣH_{DD} = 788

Σ pcn(L) = 2.26"

Σ pcn(S) = 5.7"