Thurs. January 1, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. ESE	Temp. 70			
Min. 25 °F	Vel. 3 m.p.h.	Read. 28.99			
Set 27 °F	Char. –	Corr. 28.87			
			0700	1300	1900
R. H. 75 %	24 hr. Mov. 53 mi.	Sea L. 30.30	Clds. 10/10 As	Clds.	Clds.
Ppn. – Liq. in.	Prev. Dir. NW	3 hr. Tend. -1.0mb	Wx –	Wx	Wx
Ppn. – Sol. in.	Snow Depth – in.	Observer FJG	Vis. 12 mi.	Vis.	Vis.

U.P. T_d = 20

$\bar{T} = 31$

$H_{DD} = 34$

$\varepsilon_{PCN} = 0.00''$

FRI. JAN 2, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. W	Temp. 68	SNOW began ~ 2230 Z JAN 1
Min. 26 °F	Vel. 3 m.p.h.	Read. 28.36	
Set 29 °F	Char. light	Corr. 28.25	
R. H. 96 %	24 hr. Mov. 39.2 mi	Sea L. 29.64	
Ppn. Liq. 0.56 in.	Prev. Dir. NE	3 hr. Tend. -1.0 mb	
Ppn. Sol. 8.0 in.	Snow Depth 8 in.	Observer JHM	

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

T_d (unknown) = 28

$\bar{T}$ = 30

H_{DD} = 35

ε_{DD} = 69

ε_{PCN} = 0.56

Sat. January 3, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. NW	Temp. 68	SOME LIGHT DRIFTING STEADY SNOW ENDED ~ 18Z (2ND) AFTER 12.3" ... 1.9" ADDITIONAL IN INTERMITTENT SNOW THRU 0700 (3RD)
Min. 26 °F	Vel. 23 m.p.h.	Read. 28.76	
Set 30 °F	Char. GUSTS TO 39	Corr. 28.65	
R. H. 69 %	24 hr. Mov. 123 mi	Sea L. 30.06	
Ppn. Liq. 0.40 in.	Prev. Dir. W	3 hr. Tend. +2.5 mb/	
Ppn. Sol. 6.2 in.	Snow Depth 12 in.	Observer FJG	

0700	1300	1900
Clds. 10/10 Stu	Clds.	Clds.
Wx -	Wx	Wx
Vis. 10 Mi	Vis.	Vis.

Td UNV = 24°F

$\bar{T}$ = 30

H_{DD} = 35

Σ_{DD} = 104

$\Sigma_{PCPN(L)}$ = 0.96"

$\Sigma_{PCPN(S)}$ = 14.2"

SUN. JAN 4, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. SW	Temp. 70	THIN CIRROSTRATUS HALOS, SUNDOGS
Min. 13 °F	Vel. 4 m.p.h.	Read. 28.94	
Set 17 °F	Char. Light	Corr. 28.82	
R. H. 92 %	24 hr. Mov. 195.5 mi.	Sea L. 30.27	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1.0 mb	
Ppn. Sol. 0 in.	Snow Depth 8 in.	Observer JHM	

0700	1300	1900
Clds. 4/10	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 35 mi.	Vis.	Vis.

$T_{2(UNV)} = 15$

$\bar{T} = 24$

$H_{DD} = 41$

$\Sigma_{DD} = 145$

$\Sigma_{PCN(L)} = 0.96''$

$\Sigma_{PCN(S)} = 14.2''$

MON. JAN 5, 1997 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. —	Temp. 73	ALTOCU deck moving RAPIDLY FROM NE
Min. 4 °F	Vel. 0 m.p.h.	Read. 29.06	PATCHY GROUND FOG
Set 5 °F	Char. CALM	Corr. 28.93	
R. H. 90 %	24 hr. Mov. 12.3	Sea L. 30.43	
Ppn. 0 Liq. in.	Prev. Dir. SW	3 hr. Tend. +2.0 mb	
Ppn. 0 Sol. in.	Snow Depth 7 in.	Observer JHM	

0700	1300	1900
Clds. 4/10	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 30 mi.	Vis.	Vis.

$\overline{Td}$ (NNW) = M * (RH estimated)

$\overline{T}$ = 19

H_{DD} = 46

Σ_{DD} = 191

$\Sigma_{PCN(L)}$ = 0.96"

$\Sigma_{PCN(S)}$ = 14.2"

TUES., JAN 6, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 34 °F	Dir. —	Temp. 72	very THICK GROUND FOG CLR OVHD Trace = 10
Min. 4 °F	Vel. 0 m.p.h.	Read. 28.93	
Set 7 °F	Char. CALM	Corr. 28.80	
R. H. 95 * %	24 hr. Mov. 19.8 mi.	Sea L. 30.29	
Ppn. 0 Liq. in.	Prev. Dir. N	3 hr. Tend. -0.5mb	
Ppn. 0 Sol. in.	Snow Depth 6 in.	Observer JHM	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx F	Wx	Wx
Vis. 3/4 mi.	Vis.	Vis.

$T_{d(MMM)}$ = M (RH est.)

$\bar{T} = 19$

$H_{DD} = 46$

$\Sigma_{DD} = 237$

$\Sigma_{PCN(L)} = 0.96''$

$\Sigma_{PCN(S)} = 14.2''$

WEDNESDAY JAN 7, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 43 °F	Dir. W	Temp. 72 °F	VERY LIGHT SS *CALCULATED FROM UNP T_D *OVERNITE LOW 28°
Min. * 7 °F	Vel. 20 G 35 m.p.h.	Read. 28.42	
Set 41 °F	Char. GUSTY	Corr. 28.30	
R. H. * 46 %	24 hr. Mov. 767 mi	Sea L. 29.96	
Ppn. T in. Liq.	Prev. Dir. SW	3 hr. Tend. -0.5 MB	
Ppn. 0.0 in. Sol.	Snow Depth 5 in.	Observer [illegible]	

	0700	1300	1900
Clds.	10/10		
Wx	F-		
Vis.	3 Mi		

T_D (UNIV. PARK) = 34 T_{ROOF} = 41°F

$\bar{T}$ = 25

H_{DD} = 40

ΣH_{DD} = 247

ΣP_{CN} (L) = 0.96"

ΣP_{CN} (S) = 14.2"

THURS. JAN 8, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. WNW	Temp. 72	GUSTS TO 16 mph STRATOCU
Min. 30 °F	Vel. 10 m.p.h.	Read. 28.78	
Set 30 °F	Char. GUSTY	Corr. 28.65	
R. H. 58 %	24 hr. Mov. 292 mi.	Sea L. 30.06	
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0 mb	
Ppn. T Sol. in.	Snow Depth 2 in.	Observer JHM	

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

$T_{d(UNV)} = 17$

$\bar{T} = 36$

$\#_{DD} = 29$

$\Sigma_{DD} = 306$

$\Sigma_{PCN(L)} = 0.96''$

$\Sigma_{PCN(S)} = 14.2''$

Friday January 9, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. W	Temp. 70°F			
Min. 29 °F	Vel. 10 m.p.h.	Read. 28.92			
Set 30 °F	Char. –	Corr. 28.81	0700	1300	1900
R. H. 72 %	24 hr. Mov. 192 mi.	Sea L. 30.23	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.0 mb –	Wx —	Wx	Wx
Ppn. Sol. T in.	Snow Depth 2 in.	Observer RLB	Vis. 15 mi.	Vis.	Vis.

$T_d = 22°F$

$\bar{T} = 31°F$

$HDD = 34$

$\Sigma HDD = 340$

$\Sigma P(w) = .96"$

$\Sigma P(s) = 14.2"$

SATURDAY, JANUARY 10, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 34 °F	Dir. SE	Temp. 70° F	VISIBILITY VARYING 1½ MILES - 4 ML S- SP- at OBS TIME S- OCNL S 4AM -7AM EST 10th
Min. 29 °F	Vel. 4 m.p.h.	Read. 28.63	
Set 30 °F	Char. Light	Corr. 28.51	
R. H. 89 %	24 hr. Mov. 88.1 Mils	Sea L. 29.91	
Ppn. Liq. 0.17 in.	Prev. Dir. E	3 hr. Tend. -2.0 mb \	
Ppn. Sol. 2.2 in.	Snow Depth 4 in.	Observer JEL	

0700	1300	1900
Clds. 10/10 S	Clds.	Clds.
Wx (*) Light Snow	Wx	Wx
Vis. 2 Miles ✓	Vis.	Vis.

$\bar{T} = 32$

$T_{MOT} = 29$

$T_{d(AN)} = 28$

$H_{DD} = 33$

$\Sigma H_{DD} = 373$

$\Sigma P_{CN} = 1.13$

$\Sigma S_{LOW} = 16.4$

$T_{MAX} = 56\ 1924$

$T_{MIN} = -7\ 1982$

$T_{AVG} = 34/20$

SUN., JAN 11, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. WNW	Temp. 69	altrostrat. ovhd stratocu ov. ridges BINOVC SNOW FELL 0700-0935 1/10 TRACE OF RAIN IN AFTERNOON
Min. 29 °F	Vel. 12G18 m.p.h.	Read. 28.20	
Set 29 °F	Char. GUSTY	Corr. 29.08	
R. H. 75 %	24 hr. Mov. 77.8 mi.	Sea L. 29.46	
Ppn. Liq. .05 in.	Prev. Dir. W	3 hr. Tend. STEADY	
Ppn. Sol. 0.5 in.	Snow Depth 4 in.	Observer JHM	

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

T_d (UNV) = 22

$\bar{T}$ = 32

H_{DD} = 33

Σ_{DD} = 406

$\Sigma_{PCN(L)}$ = 1.18

$\Sigma_{PCN(S)}$ = 16.9

Monday January 12, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. W	Temp. 70°F	Wind Gust ~35 mph
Min. 28 °F	Vel. 25 m.p.h.	Read. 28.45	
Set 28 °F	Char. Gusty	Corr. 28.34	
R. H. 69 %	24 hr. Mov. 314 mi.	Sea L. 29.74	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.0 mb V	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer RLB	

0700	1300	1900
Clds: 10/10	Clds.	Clds.
Wx —	Wx	Wx
Vis. 10 mi.	Vis.	Vis.

$T_d = 19°F$

$\bar{T} = 31°F$

$HDD = 34$

$\Sigma HDD = 440$

$\Sigma P_{(w)} = 1.18$

$\Sigma P_{(s)} = 16.9$

Tuesday, January 13, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. W	Temp. 70°F	BINOVC		
Min. 28 °F	Vel. 15G32 m.p.h.	Read. 28.76			
Set 33 °F	Char. Gusty	Corr. 28.64	0700	1300	1900
R. H. 61 %	24 hr. Mov. 298.1	Sea L. 30.0	Clds. 10/10	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. /	Wx Cloudy	Wx	Wx
Ppn. T Sol. in.	Snow Depth 3 in.	Observer JAP	Vis. 25 mi	Vis.	Vis.

T_d (UNP) = 22° F

$\bar{T}$ = 31° F

H_{DD} = 34

ΣH_{DD} = 474

$\Sigma P_{(L)}$ = 1.18"

$\Sigma P_{(S)}$ = 16.9"

Wednesday January 14, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. SW	Temp. 70°F			
Min. 23 °F	Vel. 10 m.p.h.	Read. 28.80			
Set 27 °F	Char. —	Corr. 28.69	0700	1300	1900
R. H. ~70 %	24 hr. Mov. 136 mi.	Sea L. 30.11	Clds. 2/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. M	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth 2 in.	Observer RLB	Vis. 25 mi.	Vis.	Vis.

$T_d = 21°F$

$\bar{T} = 32°F$

$H_{DD} = 33$

$\Sigma H_{DD} = 507$

$\Sigma P_{(4)} = 1.18$

$\Sigma P_{(5)} = 16.9$

Thurs. Jan. 15, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. WSW	Temp. 72	overnight low ~ 43		
Min. 27 °F	Vel. 6 m.p.h.	Read. 28.64			
Set 45 °F	Char. light	Corr. 28.52	0700	1300	1900
R. H. 79 %	24 hr. Mov. 136.3	Sea L. 29.89	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. -0.6	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 1 in.	Observer LAS	Vis. 10mi	Vis.	Vis.

$T_d = 39$

$\bar{F} = 40$

$H_{oo} = 25$

$\Sigma H_{oo} = 532$

$\Sigma P_{(L)} = 6.18$

$\Sigma P_{(s)} = 16.9$

FRI., JAN 16, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. NNW	Temp. 70	CU, STRATOCU, ALTOSTRAT + CU BINOVC		
Min. 32 °F	Vel. 9 m.p.h.	Read. 28.91			
Set 32 °F	Char. STEADY	Corr. 28.79	0700	1300	1900
R. H. 61 %	24 hr. Mov. 158.9 mi.	Sea L. 30.20	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +2.0 mb	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 Tr in.	Observer JHM	Vis. 30 mi.	Vis.	Vis.

$T_{d(UNV)} = 20$

$\bar{T} = 40$

$H_{DD} = 25$

$\Sigma_{DD} = 557$

$\Sigma_{PLN(L)} = 1.18$

$\Sigma_{PLN(S)} = 16.9$

SATURDAY, JANUARY 17, 1937 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. WSW	Temp. 73°F	FEW Ac		
Min. 15 °F	Vel. 2 m.p.h.	Read. 29.12			
Set 15 °F	Char. GENTLE	Corr. 28.99			
			0700	1300	1900
R. H. 87 %	24 hr. Mov. 638 MI.	Sea L. 30.46	Clds. 0%	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NNE	3 hr. Tend. +0.5 mb	Wx CLEAR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JEL	Vis. 40 MILES	Vis.	Vis.

$\bar{T}$ = 26

T_{roof} = 15

T_{droof} = 10

H_{DD} = 39

ΣH_{DD} = 596

ΣP_{CN} = 1.18"

Σ SNOW = 16.9"

T_{MAX} = 60 1929

T_{MIN} = -17 1982

T_{ANG} = 34/20

Sunday January 18, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. S	Temp. 68°F	overnight low ~25°F
Min. 15 °F	Vel. 6 m.p.h.	Read. 28.93	
Set 28 °F	Char. —	Corr. 28.82	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx —	Wx	Wx
Vis. 20 mi.	Vis.	Vis.

R. H. 61 %	24 hr. Mov. 79 mi.	Sea L. 30.24	
Ppn. — Liq. in.	Prev. Dir. S	3 hr. Tend. -2.0 mb \	
Ppn. — Sol. in.	Snow Depth — in.	Observer RLB	

$T_d = 16°F$

$\bar{T} = 23°F$

$HDD = 42$

$\Sigma HDD = 638$

$\Sigma P_{(L)} = 1.18"$

$\Sigma P_{(S)} = 16.9"$

Monday, January 19, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. NE	Temp. 69	IP at sh. time		
Min. 28 °F	Vel. 6 m.p.h.	Read. 28.62			
Set 29 °F	Char. light	Corr. 28.50			
			0700	1300	1900
R. H. 88 %	24 hr. Mov. 59.4	Sea L. 29.90	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .10 in.	Prev. Dir. S	3 hr. Tend. -.6 mb	Wx IP-	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer LAS	Vis. 2 mi	Vis.	Vis.

$T_d = 26$

$\bar{T} = 30$

$H_{oo} = 35$

$\Sigma H_{oo} = 672$

$\Sigma P_{(L)} = 1.28$

$\Sigma P_{(S)} = 16.9$

JAN 20, 1987 (TUES.) 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 35 * °F	Dir. WNW	Temp. 69	STRATOCU PRESRR * occurred C. 2300 LT, 19th
Min. 26 °F	Vel. 12 m.p.h.	Read. 28.72	ZR- and IP AM 19th
Set 26 °F	Char. STEADY	Corr. 28.60	2 periods of SNOW: C. 1130 - 1300 LT C 1830 - 1930 LT OVER

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 15 mi.	Vis.	Vis.

Ppn. Liq.	Prev. Dir.	3 hr. Tend.
0.80 in.	W	+3.0 mb

R. H.	24 hr. Mov.	Sea L.
78 %	137.6 mi.	30.02

Ppn. Sol.	Snow Depth	Observer
4.2 in.	4 in.	JHM

$\overline{Td}$ (UNV) = 20

$\overline{T}$ = 31

H_{DD} = 34

Σ_{DD} = 706

$\Sigma_{PCN(L)}$ = 2.08"

$\Sigma_{PCN(S)}$ = 21.1"

PK WIND 52MPH IN CONVECTIVE GUST ~1400 LT ([redacted]) SNOWCR 1
PRESR JUMP ~2MB ~1400 LT

Wednesday January 21, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. WNW	Temp. 69°F			
Min. 23 °F	Vel. 12 m.p.h.	Read. 28.82			
Set 27 °F	Char. Gusty	Corr. 28.71			
			0700	1300	1900
R. H. 65 %	24 hr. Mov. 119 mi.	Sea L. 30.13	Clds. 9/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +20mb	Wx * ▽	Wx	Wx
Ppn. Sol. T in.	Snow Depth 4 in.	Observer RLB	Vis. 4 mi.	Vis.	Vis.

$T_d = 17°F$

$\bar{T} = 27°F$

$H_{DD} = 38$

$\Sigma H_{DD} = 744$

$\Sigma P(L) = 2.08"$

$\Sigma P(S) = 21.1"$

Thurs. Jan. 22, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. SSE	Temp. 72	S - began at 0710 EST Jan 22, 1987
Min. 18 °F	Vel. 6 m.p.h.	Read. 28.65	
Set 22 °F	Char. light	Corr. 28.52	
R. H. 65 %	24 hr. Mov. 96.4mi	Sea L. 29.95	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. -3.1mb	
Ppn. Sol. T in.	Snow Depth 3 in.	Observer LAS	

	0700	1300	1900
Clds.	10/10	Clds.	Clds.
Wx	S -	Wx	Wx
Vis.	3 mi.	Vis.	Vis.

$T_d = 12$

$\bar{T} = 23$

$H_{00} = 42$

$\Sigma H_{00} = 786$

$\Sigma P_{(L)} = 2.08''$

$\Sigma P_{(S)} = 21.1''$

FRI. JAN 23, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 27 °F	Dir. W	Temp. 68	S- : 0710 - 1300 LT S→S+ : 1300 - 1800 LT } 22M S→S- : 1800 - 2000 LT SW 0615 - 0645, 23TD
Min. 20 °F	Vel. 16G24 m.p.h.	Read. 28.09	
Set 25 °F	Char. GUSTY	Corr. 27.98	
R. H. 69 %	24 hr. Mov. 112.6mi.	Sea L. 29.37	
Ppn. Liq. 0.85 in.	Prev. Dir. W	3 hr. Tend. +3.0 mb	
Ppn. Sol. 9.8 in.	Snow Depth 11 in.	Observer JHM	

0700	1300	1900
Clds. 9/10 OVC	Clds.	Clds.
Wx BKN	Wx	Wx
Vis. 7 mi.	Vis.	Vis.

T_d (UNV) = 16

$\bar{T}$ = 24

H_{DD} = 41

Σ_{DD} = 827

$\Sigma_{PLN(L)}$ = 2.93"

$\Sigma_{PLN(S)}$ = 30.9"

Sat. January 24, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 26 °F	Dir. WSW	Temp. 72	StCu W HORIZON FREQUENT SNOW SQUALLS (23RD) OCNL S TO St WITH VIS. 1/8 TO 1/4 MI FROST GUSTS TO ~40 MPH OVER...
Min. 1 °F	Vel. 9 m.p.h.	Read. 28.71	
Set 1 °F	Char. GUSTS TO 10	Corr. 28.58	

0700	1300	1900
Clds. 1/10 StCu	Clds.	Clds.
Wx –	Wx	Wx
Vis. 35mi	Vis.	Vis.

R. H. 59 %	24 hr. Mov. 308 mi	Sea L. 30.08	
Ppn. Liq. 0.08 in.	Prev. Dir. W	3 hr. Tend. +1.8mb	
Ppn. Sol. 2.0 in.	Snow Depth 12 in.	Observer FJG	

EXTENSIVE DRIFTING
SNOW DEPTH DIFFICULT TO MEASURE

DEWPOINT (UNN) = -10°F

$\bar{T}$ = 14°F
H_{DD} = 51
Σ_{DD} = 876
Σ_{PCN} = 3.01"
Σ_{SNOW} = 32.9"

Sunday, Jan. 25, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 10 °F	Dir. Calm	Temp. 72° F	BINOVC Stcu		
Min. -4 °F	Vel. 0 m.p.h.	Read. 28.95			
Set 4 °F	Char. Calm	Corr. 28.82	* extensive drifting		
			0700	1300	1900
R. H. 58 %	24 hr. Mov. 110.4 mi	Sea L. 30.33	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. -0.8 mb ↘	Wx ∞	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 10* in.	Observer JAP	Vis. 25 mi	Vis.	Vis.

T_d (UNP) = -7

$\bar{T}$ = 3°F

H_{DD} = 62

$\Sigma_{H_{DD}}$ = 938

Σ_{pcp} = 3.01"

Σ_{Snow} = 32.9"

Mon. Jan 26, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 19 °F	Dir. NNE	Temp. 72	overnight low ~ 9°F		
Min. 4 °F	Vel. 8G15 m.p.h.	Read. 28.73			
Set 11 °F	Char. gusty	Corr. 28.60	0700	1300	1900
R. H. 73 %	24 hr. Mov. 46 mi	Sea L. 30.06	Clds. 6/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. steady	Wx	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 9 in.	Observer LAS	Vis. 30mi	Vis.	Vis.

$T_d = 4$

$\bar{T} = 12$

$H_{00} = 53$

$\Sigma H_{00} = 991$

$\Sigma P_{cn} = 3.01$

$\Sigma S_{now} = 32.9$

Thes., Jan. 27, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 26 °F	Dir. Calm	Temp. 72°F	Low lying Fog east, Smoke Plume east
Min. -5 °F	Vel. 0 m.p.h.	Read. 28.91	
Set -4 °F	Char. Calm	Corr. 28.78	RAMOS OVERNIGHT LOW → 2°F
R. H. (*) %	24 hr. Mov. 61.6	Sea L. 30.30	
Ppn. 0 Liq. in.	Prev. Dir. N	3 hr. Tend. ✓	
Ppn. 0 Sol. in.	Snow Depth 9 in.	Observer JAP	

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

(*) $T_J(UNP) = 1^\circ F$ $T(UNP) = 5^\circ F$

$\bar{T} = 10.5^\circ F \approx 11$

$H_{DD} = 54$

$\Sigma H_{DD} = 1046$

$\Sigma_{Prcn} = 3.01$ in.

$\Sigma_{Snow} = 32.9$ in.

Wed, Jan 28, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 24 °F	Dir. Calm	Temp. 74°F	Low-lying fog east, north Light frost Smoke plume east Spectacular Sun Pillar + upper tangent arcs Kansas overnight low = 2°F
Min. -4 °F	Vel. 0 m.p.h.	Read. 28.81	
Set -2 °F	Char. Calm	Corr. 28.68	
R. H. (*) %	24 hr. Mov. 21.8 mi	Sea L. 30.19	
Ppn. 0 Liq. in.	Prev. Dir. E	3 hr. Tend. +0.6mb/	
Ppn. 0 Sol. in.	Snow Depth 9 in.	Observer JAP	

0700	1300	1900
Clds. 7/10 Ci	Clds.	Clds.
Wx ∞	Wx	Wx
Vis. 10 mi	Vis.	Vis.

T_d (uwl) = −1°F (✱) T(uwl) = −1°F

$\bar{T}$ = 10°F

H_{DD} = 55

ΣH_{DD} = 1101

Σ pcn = 3.01 in.

Σ snow = 32.9 in.

Thurs. Jan 29, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. WSW	Temp. 75	ramos ovnt 10 → 20°F
Min. −2 °F	Vel. 6 m.p.h.	Read. 29.02	SW - ovnt and at obs time
Set 24 °F	Char. light	Corr. 28.88	
R. H. 77 %	24 hr. Mov. 104.1 mi	Sea L. 30.32	
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. + 1.0 mb	
Ppn. Sol. T in.	Snow Depth 8 in.	Observer LAS	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx SW -	Wx	Wx
Vis. 3 mi	Vis.	Vis.

$T_d = 19$

$\bar{T} = 15$

$H_{00} = 50$

$\Sigma H_{0P} = 1151$

$\Sigma P_{cn} = 3.01$

$\Sigma snow = 320.9$

FRI JAN 30, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 34 °F	Dir. SSE	Temp. 73	SW → SW – ~0700-0930 LT 29th INTERMITTENT S → S+ : 2230 LT, 29th – 0300, 30th ZL– began ~0530 LT 30th
Min. 24 °F	Vel. 12 m.p.h.	Read. 28.41	
Set 26 °F	Char. STEADY	Corr. 28.28	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx ZL–	Wx	Wx
Vis. 2 mi.	Vis.	Vis.

R. H. 93 %	24 hr. Mov. 113.9 mi.	Sea L. 29.68	
Ppn. Liq. 0.15 in.	Prev. Dir. S	3 hr. Tend. –2.0mb	
Ppn. Sol. 1.6 in.	Snow Depth 9 in.	Observer JHM	

$T_{d(MW)} = 24$

$\overline{T} = 29$

$H_{DD} = 36$

$\Sigma_{DD} = 1187$

$\Sigma_{PCW(L)} = 3.16$ "

$\Sigma_{PCW(S)} = 34.5$ "

Saturday January 31, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. WNW	Temp. 70			
Min. 26 °F	Vel. 12 m.p.h.	Read. 28.49			
Set 26 °F	Char.	Corr. 28.37			
			0700	1300	1900
R. H. 71 %	24 hr. Mov. 162mi	Sea L. 29.77	Clds. 10/10 St	Clds.	Clds.
Ppn. Liq. 0.08 in.	Prev. Dir. W	3 hr. Tend. +1.2mb	Wx INTMTNT LIGHT SNOW	Wx	Wx
Ppn. Sol. 0.6 in.	Snow Depth 9 in.	Observer FJG	Vis. 8 mi	Vis.	Vis.

$T_{d\ UNV} = 18°F$

$\bar{T} = 31$

$H_{DD} = 34$

$\Sigma H_{DD} = 1221$

$\Sigma_{LIQ} = 3.24"$

$\Sigma_{SOLID} = 35.1"$