WED, FEB 1, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. SW	Temp. 76	STRATOCU ABOVE RIDGES TO S RAMOS OVNT LO: 47 C. 330LT
Min. 34 °F	Vel. 11 m.p.h.	Read. 28.48	
Set 50 °F	Char. GUSTS TO 20, VARIABLE	Corr. 28.35	
R. H. 47 %	24 hr. Mov. 206 mi	Sea L. 29.69	
Ppn. 0 Liq. in.	Prev. Dir. S	3 hr. Tend. + 0.3mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer MJL	

	0700	1300	1900
Clds.	1/10		
Wx	CLEAR		
Vis.	26 mi		

$T_{ROOF} = 51$ $T_D = 29$ $T_{@UNV} = 35$

$\bar{T} = ~~42~~ 46$

$DD = ~~17~~ 19$

$\Sigma_{DD} = ~~17~~ 19$

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

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

Thurs. Feb 2, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 65 * °F	Dir. NE	Temp. 74	* - New record high (old record, 58 in 1988) warmest High since 10/18/88
Min. 36 °F	Vel. 5 m.p.h.	Read. 28.84	RW-- ~0500LT
Set 36 °F	Char. Steady	Corr. 28.71	Light fog all quads, esp. NE, E
R. H. 75 %	24 hr. Mov. 131.9 mi.	Sea L. 30.10	Runes avar to: 37
Ppn. Liq. T in.	Prev. Dir. WSW	3 hr. Tend. ↑ +1.0mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer ESP	

0700	1300	1900
Clds. 10/10 NS	Clds.	Clds.
Wx F	Wx	Wx
Vis. ~2mi	Vis.	Vis.

T_{Promos}: 37

T_0 : 25

T_{Omv}: 30

$\bar{T}$: 46

H_{00}: 19

ΣH_{00}: 38

$\Sigma P_{Cn}(L)$: T

$\Sigma P_{on}(S)$: 0

Fri. 3 Feb 89

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. NW	Temp. 76°	R- at obs time RB ~ 0200 Local
Min. 35 °F	Vel. 0 m.p.h.	Read. 28.87	
Set 37 °F	Char. calm	Corr. 28.73	Overnight Ramos Low ~ 38°
R. H. 96 %	24 hr. Mov. N/A	Sea L. 30.13	
Ppn. .18 Liq. in.	Prev. Dir. N	3 hr. Tend. +1.2 mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer JSL	

0700	1300	1900
Clds. 10/10 Ns	Clds.	Clds.
Wx R-F	Wx	Wx
Vis. 5 miles	Vis.	Vis.

$T_{roof} = 40$

$T_{wet} = 39.5$

$T_D = 39$

$\overline{T} = [redacted]40°$

$DD = 25$

$\Sigma DD = 63$

$\Sigma PCN(R) = .18"$

SAT. FEB. 4, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. S N	Temp. 78°	R- 0700 - 1230 LT ID- 1150 - 1520 LT S- 1209 - 1520 CT ASt E to N RAMOS OVNT LO: 11 C. 12Z
Min. 10 °F	Vel. 7 m.p.h.	Read. 29.16	
Set 10 °F	Char. STEADY	Corr. 29.02	

0700	1300	1900
Clds. 2/10	Clds.	Clds.
Wx MOSTLY CLEAR	Wx	Wx
Vis. 26 mi	Vis.	Vis.

R. H. 55 %	24 hr. Mov. 87.6 mi	Sea L. 30.51	
Ppn. .29 Liq. in.	Prev. Dir. N	3 hr. Tend. +1.5mb	
Ppn. .4 Sol. in.	Snow Depth T in.	Observer MJL	

$T_{ROOF} = 11 \quad T_D = -2$

$\bar{T} = 25$

$DD = 45$

$\Sigma_{DD} = 108$

$\Sigma_{PCN(L)} = .47''$

$\Sigma_{PCN(S)} = .4''$

Sunday 5 Feb 89 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 22 °F	Dir. —	Temp. 78°	Micro flaking at Obtime
Min. 10 °F	Vel. 0 m.p.h.	Read. 29.13	
Set 16 °F	Char. CALM	Corr. 28.99	Ramos overnight low - 17°
R. H. %	24 hr. Mov. 39 miles	Sea L. 30.41	
Ppn. Liq. T in.	Prev. Dir. NE	3 hr. Tend. +1 mb 3hrs	
Ppn. Sol. .2 in.	Snow Depth T in.	Observer JSC	

0700	1300	1900
Clds. St 10/10	Clds.	Clds.
Wx S-	Wx	Wx
Vis. 10 miles	Vis.	Vis.

$T_{roof} = 17$

$T_D = 12$

$F = 16$

$OD = 49$

$\Sigma DD = 157$

$\Sigma PCN(W) = .47''$

$\Sigma PCN(S) = .6''$

MON. FEB 6, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 28 °F	Dir. E	Temp. 77°	INTRMTNT ZL- FROM ~0400 - 0630 LT (FLURRIES DURING DAY, 5th) THIN, SLIPPERY COAT OF ICE COVERING SURFACES RAMOS OVNT LO: 21 (over)		
Min. 15 °F	Vel. 8 m.p.h.	Read. 28.75			
Set 25 °F	Char. STEADY	Corr. 28.61			
R. H. 68 %	24 hr. Mov. 65.3 mi	Sea L. 30.02	0700	1300	1900
Ppn. Liq. .01 in.	Prev. Dir. S	3 hr. Tend. +0.0 mb	Clds. 10/10	Clds.	Clds.
Ppn. Sol. T in.	Snow Depth T in.	Observer MJL	Wx OVC	Wx	Wx
			Vis. 3 mi.	Vis.	Vis.

$\overline{T}_{ROOF} = 26$ $\overline{T}_{D} = 17$

$\overline{T} = 22$

$DD = 43$

$\Sigma_{DD} = 200$

$\Sigma_{PCN(L)} = .48"$

$\Sigma_{PCN(S)} = .6"$

24 HR min occurred ~ 0730 LT, 5th

Tues. Feb. 7, 1989 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. W	Temp. 78	2L-B ~ 0730 LT 2L-E/3-B ~ 0900 LT 3-E ~ 1100 LT Small Binovc NE Cirrus SW Ramos Dew Co: 17
Min. 16 °F	Vel. 10 m.p.h.	Read. 28.97	
Set 17 °F	Char. Gusts to 17	Corr. 28.84	
R. H. 68 %	24 hr. Mov. 144.6	Sea L. 30.30	
Ppn. .01 Liq. in.	Prev. Dir. SW	3 hr. Tend. ↑ +1.0 mb	
Ppn. .1 Sol. in.	Snow Depth T in.	Observer ESP	

	0700	1300	1900
Clds.	10/10 Ns Fc		
Wx	OVC		
Vis.	12 mi		

T_{trans} : 17

T_O : 2

T_{TAV} : 8

$\bar{T}$: 24

H_{00} : 41

ΣH_{00} : 241

$\Sigma P_{en}(L)$: .49"

$\Sigma P_{en}(S)$: 0.7"

WED, FEB 8, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 26 °F	Dir. SW	Temp. 78°	AST IN ALL DIRECTIONS, EXC. OVHD. BINOVC, - OVC LAYER Ci;St (CBs) (ABOVE Act) 5- C. 1100 LT OVHD. COLD. RAMOS OVNT LO: 14 c. 1030Z
Min. 13 °F	Vel. 6 m.p.h.	Read. 28.96	
Set 14 °F	Char. STEADY	Corr. 28.82	
R. H. 70 %	24 hr. Mov. 127.3mi	Sea L. 30.26	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.5mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer MJL	

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

$T_{ROOF} = 15$ $T_{\ell} = 2$ $T_{DWV} = 10$

$\overline{T} = 20$

$\overline{DO} = 45$

$\Sigma_{DO} = 286$

$\Sigma_{PEN(L)}$: .49"

$\Sigma_{PEN(S)}$: 0.7"

Thurs. Feb 9, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.
Max. 31 °F		Dir. W	Temp. 74
Min. 4 °F		Vel. 23 m.p.h.	Read. 29.13
Set 4 °F		Char. Gusts to 35	Corr. 29.00
R. H. 63 %		24 hr. Mov. 342.5	Sea L. 30.51
Ppn. T	Liq. in.	Prev. Dir. W	3 hr. Tend. +2.5 mb /
Ppn. T	Sol. in.	Snow Depth T in.	Observer ESP

General Obs.

Ocnl Sw-- Thru period
Fropa ~1530 LT — Freq gusts to 40 after
Peak gust = 46 mph ~2000 LT
Wch at ob! -38°F
SWU SW - vlby lwr

Range Out

0700	1300	1900
Clds. 5/10 Cu St	Clds.	Clds.
Wx C-c-Cold	Wx	Wx
Vis. 3-5 mi	Vis.	Vis.

T: [redacted]: 47

T_{UAV}: -3

$\bar{T}$: 18

H_{DD}: 47

ΣH_{DD}: 333

ΣP_{L-CL}: .49

$\Sigma P_{Rn\,(S)}$: 0.7"

Fri 10 Feb 89 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 16 °F	Dir. 240	Temp. 72°	Cold Gust to 42 mph ~ 840(LT) occnl S-
Min. 4 °F	Vel. 10 m.p.h.	Read. 28.95	
Set 12 °F	Char. Gusty	Corr. 28.82	Ramos out
R. H. NA %	24 hr. Mov. 203.9 mi	Sea L. 30.33	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +.8 mb	
Ppn. Sol. T in.	Snow Depth — in.	Observer JSL	

0700	1300	1900
Clds. 3/10 Sc	Clds.	Clds.
Wx Sct	Wx	Wx
Vis. 25 miles	Vis.	Vis.

$T_{UNV} = 14$

$T_{0\,UNV} = 2$

$\overline{T} = 10$

$DD = 55$

$\Sigma DD = 388$

$\Sigma PCN(Q) = .49"$

$\Sigma PCN(S) = .7"$

SAT FEB 11, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 26 °F	Dir. SW	Temp. 76	MOSTLY CLDY w/ STRATOCU. FREQ. SW- ON THE 10th B~900LT E~1530 LT NO ACCUMULATION RAMOS OUT LO: 18 C. 2100 LT
Min. 12 °F	Vel. 10 m.p.h.	Read. 28.67	
Set 23 °F	Char. GUSTY & VARIABLE	Corr. 28.53	

0700	1300	1900
Clds. 9/10	Clds.	Clds.
Wx CLOUDY	Wx	Wx
Vis. 20mi.	Vis.	Vis.

R. H. 43 %	24 hr. Mov. 194mi	Sea L. 29.96	
Ppn. T Liq. in.	Prev. Dir. SW	3 hr. Tend. -2.0mb	
Ppn. T Sol. in.	Snow Depth Ø in.	Observer MJL	

$T_{ROOF} = 25 \quad T_D = 3 \quad T_{DUNV} = 8$

$\bar{T} = 19$

$DD = 46$

$\Sigma_{DD} = 434$

$\Sigma_{PCN(L)} = .49"$

$\Sigma_{PCN(S)} = .7"$

Sunday 12 Feb 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. W	Temp. 72°			
Min. 21 °F	Vel. 20 m.p.h.	Read. 28.81			
Set 24 °F	Char. Steady	Corr. 28.68	Ramos overnight Low ~ 25°		
			0700	1300	1900
R. H. NA %	24 hr. Mov. 192.6 mi	Sea L. 30.10	Clds. St 1/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +2.2 mb/3hr	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JSL	Vis. 25	Vis.	Vis.

$T_{roof} = 25°$

$T_{o(min)} = 14°$

$\bar{T} = 28$

$DD = 37$

$\Sigma_{DD} = 471$

$\Sigma_{PCW(L)} = .49''$

$\Sigma_{PCW(S)} = .7''$

MON FEB 13, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 34 °F	Dir. ESE	Temp. 77°	JUST STRATUS S- 0810~0930LT
Min. 11 °F	Vel. 3 m.p.h.	Read. 29.08	
Set 16 °F	Char. LIGHT	Corr. 28.94	RAMOS OVNT LO: K c.0600 CT

0700	1300	1900
Clds. 10/10 St	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 25 mi	Vis.	Vis.

R. H. 54 %	24 hr. Mov. N/A	Sea L. 30.41	
Ppn. Liq. T in.	Prev. Dir. N/A	3 hr. Tend. -1.5 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MJL	

$T_{ROOF} = 17$ $T_b = 3$

$\bar{T} = 23$

$DD = 42$

$\Sigma_{DD} = 513$

$\Sigma_{PCN(L)} = .49''$

$\Sigma_{PCN(S)} = .7''$

Tues. Feb. 14, 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. SW	Temp. 73	S-IP-2L-B ~ 1345 LT S-3P-G ~ 1430 LT 2L-B, 2R-B ~ 1900 LT R-B ~ 2030 LT (OCNL R, L-) 2R-G ~ 2115 LT R-E ~ 0600 LT No overnight LO in Fog all Quads
Min. 16 °F	Vel. 3 m.p.h.	Read. 28.94	
Set 35 °F	Char. Steady	Corr. 29.81	

	0700	1300	1900
R. H. 85 %	Clds. -X	Clds.	Clds.
Ppn. Liq. .14 in.	Wx L-F	Wx	Wx
Ppn. Sol. T in.	Vis. 1¼ mi	Vis.	Vis.

24 hr. Mov. NA	Sea L. 30.24	
Prev. Dir. S	3 hr. Tend. -/+2.0mb	
Snow Depth 0 in.	Observer ESP	

T_{conv} : 37

$T_{0\,conv}$: 33

F: 28

00: 37

ΣH_{00}: 550

$\Sigma P_{en}(1)$: 0.63"

$\Sigma P_{en}(3)$: 0.7"

WED, FEB 15, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. NE	Temp. 76°	INTRMTNT L- 1100~1900LT RB~1500LT~1700LT R~1930LT~1945LT INTRMTNT R-,R,L- 2245~0700LT FOG THRUOUT PERIOD STEADY TEMP. FALL 1700LT TO 0600LT (42→35)		
Min. 34 °F	Vel. 5 m.p.h.	Read. 28.95			
Set 34 °F	Char. LIGHT	Corr. 28.81			
R. H. 89 %	24 hr. Mov. 30.5 mi	Sea L. 30.22	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq. .50 in.	Prev. Dir. N	3 hr. Tend. -3.0mb	Wx L- IF	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MJL	Vis. 1 mi	Vis.	Vis.

$T_{ROOF} = 35$ $T_D = 26$ $T_{DUNV} = 32$

$\bar{T} = 39$

$DD = 26$

$\Sigma_{DD} = 576$

$\Sigma_{PCN(L)} = 1.13''$

$\Sigma_{PCN(S)} = 0.7''$

Thurs. Feb 16, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. NW	Temp. 74°F	R-B ~ 1030 LT R-E ~ 2100 LT Few flurries ~ 0430 LT Light Fog all quads Small Brave NE Pressr Rawos Quat Co : 34
Min. 32 °F	Vel. 6 m.p.h.	Read. 29.32	
Set 32 °F	Char. Steady	Corr. 29.19	
R. H. 64 %	24 hr. Mov. 44.9	Sea L. 30.62 !	
Ppn. .29 Liq. in.	Prev. Dir. W	3 hr. Tend. +4.0 mb	
Ppn. T Sol. in.	Snow Depth 0 in.	Observer ESP	

0700	1300	1900
Clds. 10/10 Ac Sc	Clds.	Clds.
Wx F	Wx	Wx
Vis. 5 mi	Vis.	Vis.

T_{max} : 34

$T_{0\,max}$: 23

$\bar{T}$: 37

H_{DD} : 28

ΣH_{DD} : 604

$\Sigma P_{rain}(L)$: 1.42"

$\Sigma P_{rain}(S)$: 0.7"

Max Temp set at : 36

Fri 17 Feb 89 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. NNW	Temp. 79°			
Min. 15 °F	Vel. 12 m.p.h.	Read. 29.49			
Set 15 °F	Char. Steady	Corr. 29.34	Avnos overnight Low ~ 16°		
			0700	1300	1900
R. H. %	24 hr. Mov. 121.7	Sea L. 30.84	Clds. St 7/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. NW	3 hr. Tend. +1 mb/3hrs	Wx BKN	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer JSL	Vis. 2 Smiles	Vis.	Vis.

$T_{Ramos} = 16°$

$T_{Dunn} = 5°$

$\bar{T} = 25$

$DD = 40$

$\Sigma DD = 644$

$\Sigma PCN(R) = 1.42\%$

$\Sigma PCN(S) = .7\%$

SAT. FEB 18, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. ENE	Temp. 77°			
Min. 15 °F	Vel. 4 m.p.h.	Read. 29.29			
Set 15 °F	Char. LIGHT + VARIABLE	Corr. 29.15	RAMOS OVNT Lo: 17 c. 127		
			0700	1300	1900
R. H. 60 %	24 hr. Mov. 433 mi	Sea L. 30.63	Clds. Ci, St 10/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. -0.5d	Wx -OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MJL	Vis. 12 mi.	Vis.	Vis.

$T_{Recc} = 17$ $T_D = 1$ $T_{D\,UNV} = 7$

$\bar{T} = 23$

$DD = 42$

$\Sigma_{DD} = 686$

$\Sigma_{pcv(L)} = 1.42''$

$\Sigma_{pcv(S)} = .7''$

SUN 19 Feb 89 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. WSW	Temp. 76.			
Min. 13 °F	Vel. 8 m.p.h.	Read. 29.02			
Set 22 °F	Char. Steady	Corr. 29.88	RAMOS overnight Lo ~ 23		
R. H. — %	24 hr. Mov. 49.4 miles	Sea L. 30.32	0700	1300	1900
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. +.5 mb/3hrs	Clds. 6/10 Cs	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer JSL	Wx SCT	Wx	Wx
			Vis. 25 miles	Vis.	Vis.

$T_{roof} = 23$

$T_{D\,water} = 24$

$T_{UW} = 12$

$T = 28$

$DD = 42$

$\Sigma DD = 728$

$\Sigma PCN(a) = 1.42"$

$\Sigma PCN(c) = .7"$

MON. FEB 20, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 36 °F	Dir. SSE	Temp. 73°	LGT. FOG ALONG RIDGES
Min. 21 °F	Vel. Ø m.p.h.	Read. 28.85	
Set 29 °F	Char. CALM	Corr. 28.72	RAMOS OVNT. LO: 29 c. 2000 LT
R. H. 53 %	24 hr. Mov. 57.0 mi	Sea L. 30.13	
Ppn. Ø Liq. in.	Prev. Dir. S	3 hr. Tend. +0.2	
Ppn. Ø Sol. in.	Snow Depth — in.	Observer MJL	

	0700	1300	1900
Clds.	10/10 St, As		
Wx	OVC		
Vis.	10 mi		

$T_{ROOF} = 30$ $T_D = 12$ $T_{DOWN} = 18$

$\bar{T} = 29$

$DD = 36$

$\Sigma_{DD} = 764$

$\Sigma_{PCN(L)} : 1.42"$

$\Sigma_{PCN(S)}$ $0.7"$

Tues, Feb. 21, 1989 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.
Max. 45 °F	Dir. S	Temp. 73
Min. 29 °F	Vel. 22 m.p.h.	Read. 28.53
Set 37 °F	Char. Gusts to 30	Corr. 28.40
R. H. 97 %	24 hr. Mov. 77.2 mi	Sea L. 29.78
Ppn. Liq. .50 in.	Prev. Dir. SE	3 hr. Tend. \ -3.5 mb
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer ESP

General Obs.

R-B ~ 2100 LT (ocnl R)
R-E ~ 0330 LT

Very low cigs (<300 ft)

Ramos Over Lo: 35 (~7:07)

	0700	1300	1900
Clds.	-X (S+)		
Wx	F		
Vis.	3/4		

~~T_{wind}: 40~~ T_{roof}: 39

~~T_{dew}: 34~~ T_{wet}: 37

T_0: 35

$\bar{T}$: 37

H_{00}: 29

ΣH_{00}: 792

$\Sigma P_{ca}(L)$: 1.92

$\Sigma P_{ca}(S)$: 0.7"

WED. FEB 22, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. WNW	Temp. 74°	R-B ~0720 LT R-E, L-B ~1130LT L-E ~1230LT RW- ~1510-1540LT L-SG- ~0200-0300LT RAMOS OVNT LO: 34 @0700LT		
Min. 33 °F	Vel. 4 m.p.h.	Read. 28.53			
Set 33 °F	Char. LIGHT & GUSTY	Corr. 28.40			
			0700	1300	1900
R. H. 70 %	24 hr. Mov. 104.4mi	Sea L. 29.79	Clds. 10/10 St	Clds.	Clds.
Ppn. Liq. 0.33 in.	Prev. Dir. W	3 hr. Tend. +1.3mb	Wx OVC	Wx	Wx
Ppn. Sol. T in.	Snow Depth — in.	Observer MJL	Vis. 4mi	Vis.	Vis.

$T_{ROOF} = 34$ $T_D = 22$ $T_{DUNV} = 28$

$T = 42$

$DD = 23$

$\Sigma_{DD} = 815$

$\Sigma_{PCN(C)} = 2.25''$

$\Sigma_{PCN(J)} = 0.7''$

Thurs. Feb 23, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F		Dir. N	Temp. 74	Few flurries on 22nd S-B ~ 0530 LT Ridges Obsc.		
Min. 23 °F		Vel. 5 m.p.h.	Read. 28.87			
Set 23 °F		Char. Steady	Corr. 29.74	Rams Gust Lg: 35		
R. H. 68 %		24 hr. Mov. 96.9	Sea L. 30.16	0700 Clds. X	1300 Clds.	1900 Clds.
Ppn. .01	Liq. in.	Prev. Dir. NW	3 hr. Tend. / +1.5 mb	Wx S-F	Wx	Wx
Ppn. .1	Sol. in.	Snow Depth T in.	Observer ESP	Vis. 1½ mi	Vis.	Vis.

T_{max} : 24

T_{Amin} : 15

$\bar{T}$: 32

H_{Ag} : 33

ΣH_{Ag} : 848

$\Sigma Am\,(L)$: 2.26"

$\Sigma Am\,(S)$: 0.8"

Fri. Feb 24, 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. N	Temp. 74	S-E ~ 0830 LT SW- ~ 1145 - 1245 LT		
Min. 8 °F	Vel. 12 m.p.h.	Read. 29.10			
Set 8 °F	Char. Gusting to 20	Corr. 28.97	Excellent visibility at ob Radar echo at 6: 9		
			0700	1300	1900
R. H. 63 %	24 hr. Mov. 132.9	Sea L. 30.46	Clds. 3/10 Ci Cs	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. N	3 hr. Tend. F +1.5-b	Wx Scr	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer ESP	Vis. 30+ mi	Vis.	Vis.

$\bar{T} = 19$

$DD = 46$

$\Sigma_{DD} = 892$

$\Sigma_{PCN\,(2)} : 2.26''$

$\Sigma_{PCN\,(3)} : 0.8''$

SAT FEB 25, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 29 °F	Dir. W	Temp. 78°			
Min. 6 °F	Vel. 4 m.p.h.	Read. 28.92	INCREDIBLE VIS. AT OB.		
Set 6 °F	Char. STEADY	Corr. 28.78	RAMOS OVNT LO: 6 @ 0500LT		
			0700	1300	1900
R. H. 63 %	24 hr. Mov. 107 mi.	Sea L. 30.27	Clds. 9/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +0mbV	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth — in.	Observer MJL	Vis. 30+ mi	Vis.	Vis.

$T_{ROOF} = 7$ $T_{D} = -3$ $T_{DUNV} = -5$

$\bar{T} = 18$

$DD = 47$

$\Sigma_{DD} = 939$

$\Sigma_{PCN(L)} : 2.2C''$

$\Sigma_{PCN(S)} : 0.8''$

SUN FEB 26, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. SSW	Temp. 74	PCPN VRY LT S-B ~ 0000 Local
Min. 6 °F	Vel. 10 m.p.h.	Read. 28.41	
Set 28 °F	Char. VAR. 8-16	Corr. 28.28	RAMOS OVRNT LO = 26 @ 2000 Local
R. H. 78 %	24 hr. Mov. 80 mi.	Sea L. 29.68	
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. -2.0 mb\	
Ppn. 0.1 Sol. in.	Snow Depth T in.	Observer JHM	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx S-	Wx	Wx
Vis. 6 mi.	Vis.	Vis.

$T_{RAMM} = 29$ $T_{d\,RAMM} = 17$

$T_{d\,UNV} = 23$ * used for RH calc.

$\bar{T} = 19$

$DD = 46$

$\Sigma_{DD} = 985$

$\Sigma_{PCN(L)} = 2.26"$

$\Sigma_{PCN(S)} = 0.9"$

MON. FEB 27, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. WSW	Temp. 73	** THRU OUT DAY INTO EARLY EVENING, 26th
Min. 24 °F	Vel. 16 m.p.h.	Read. 28.44	* ▽ ~ 2200 - 0100 local
Set 24 °F	Char. GUSTS TO 22 mph	Corr. 28.31	
R. H. 68 %	24 hr. Mov. 191 mi.	Sea L. 29.72	
Ppn. Liq. .07 in.	Prev. Dir. W	3 hr. Tend. +1.5 mb	
Ppn. Sol. 0.7 in.	Snow Depth T in.	Observer JHM	

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

$T_{RAFTERS} = 25$ $T_{d\ RAFTERS} = 11$ $T_{d\ HW} = 16$

$\bar{T} = 30$

$DD = 35$

$\Sigma_{DD} = 1020$

$\dot{\varepsilon}_{PLW(L)} = 2.33''$

$\dot{\varepsilon}_{PLW(S)} = 1.6''$

TUE. FEB 28, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. NE	Temp. 77	CLDS MSTLY Ci VRY THIN OVHD VISIBILITY REDUCED : HAZY * ∇ ~ 0900 - 1300 local, 27th
Min. 15 °F	Vel. 3 m.p.h.	Read. 28.68	
Set 16 °F	Char. STDY	Corr. 28.54	
R. H. 81 %	24 hr. Mov. 96 mi.	Sea L. 29.99	
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0 mb ⌐	
Ppn. T Sol. in.	Snow Depth 0 in.	Observer JHM	

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

$T_{\text{[illegible]}} = 18$ $T_{d\ \text{[illegible]}} = 8$ $T_{d\ \text{MMW}} = 13$

$\bar{T} = 24$

$DD = 41$

$\Sigma_{DD} = 1061$

$\Sigma_{PCW(L)} = 2.33''$

$\Sigma_{PCW(S)} = 1.6''$