SUN, NOV 1, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. —	Temp. 74	* RAMOS PRINTER JAMMED.		
Min. 32 °F	Vel. CALM m.p.h.	Read. 29.24	FOG BASE OF MT.		
Set 35 °F	Char. —	Corr. 29.11	RAMOS OVN. LOW: 37		
			0700	1300	1900
R. H. 76 %	24 hr. Mov. N/A *	Sea L. 30.52	Clds. 3/10 Ci	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. N/A *	3 hr. Tend. STDY	Wx SCT.	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GR.	Vis. 15 mi	Vis.	Vis.

$\overline{T} = 46$

$H_{DD} = 19$

$\Sigma_{HDD} = 19$

$\Sigma_{PON} = 0,00$

$T_{ROOF} = 39$

$T_W = 36$

$T_d = 32$

$T_{d\,(HAMTOS)} = 32$

MON. NOV. 2, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. NE	Temp. 74	BINOVC
Min. 35 °F	Vel. 3 m.p.h.	Read. 29.15	
Set 46 °F	Char. VAR.	Corr. 29.02	RAMOS OVRNGT LO = 47
R. H. 89 %	24 hr. Mov. 31 mi.	Sea L. 30.40	
Ppn. Liq. .01 in.	Prev. Dir. N	3 hr. Tend. +0.5mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10 OVC	Clds.	Clds.
Wx FOG	Wx	Wx
Vis. 3/4 mi.	Vis.	Vis.

$T_{ROOF} = 48.5$ $T_w = 47$ $T_d = 45.5$

$T_{d(ATMOS)} = 45$

$\bar{T} = 46$

$DD = 19$

$\varepsilon_{DD} = 38$

$\varepsilon_{PLN} = 0.01$

Tues. Nov. 3, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. WSW	Temp. 75°F			
Min. 44 °F	Vel. 4 m.p.h.	Read. 28.94			
Set 46 °F	Char. light	Corr. 28.81	Romos Overnight Low = 49°F		
			0700	1300	1900
R. H. 80 %	24 hr. Mov. 34.8 mi	Sea L. 30.18	Clds. Str. 10/10 Alto Str.	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. -0.5 mb \	Wx F	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JPH	Vis. 3 mi	Vis.	Vis.

$\bar{T} = 53$

$H_{DD} = 12$

$\Sigma H_{DD} = 48$

$\Sigma p_{cp} = 0.01"$

$T_{roof} = 50°F$

$T_w = 47°F$

$T_d = 44°F$

$T_{drains} = 43°F$

WED NOV 4, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SW	Temp. 75°F			
Min. 46 °F	Vel. 10 m.p.h.	Read. 28.66			
Set 50 °F	Char. Steady	Corr. 28.53	Ramos Low: 53°F		
			0700	1300	1900
R. H. 94 %	24 hr. Mov. 76.7mi	Sea L. 29.87	Clds. 2/10 Ac	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. -0.75mb	Wx SCT	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Vis. 25mi	Vis.	Vis.

$\bar{T} = 57°$

$HDD = 8$

$\Sigma HDD = 56$

$\Sigma pcn = 0.01"$

$T_{roof} = 58°$

$T_W = 56°$

$T_d = 55°$

$T_{d_{RAMOS}} = 43°$ (wow!)

THURS, NOV. 5, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. NW	Temp. 76			
Min. 50 °F	Vel. 15 m.p.h.	Read. 28,54			
Set 50 °F	Char. GUSTS 25	Corr. 28,40	RAIN 05 OVN. 20:52		
R. H. 59 %	24 hr. Mov. 193.2 mi	Sea L. 29,73	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. -2mb	Clds. 9/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GR.	Wx OVC.	Wx	Wx
			Vis. 25 mi	Vis.	Vis.

$\bar{T} = 63$

$H_{DD} = 2$

$\Sigma_{HDD} = 58$

$\Sigma_{PCN} = 0.01''$

$T_{ROOF} = 53$

$T_W = 46$

$T_d = 39$

$T_{d(HAYES)} = 34$

FRI. Nov. 6, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F		Dir. W	Temp. 72°F	SNOW!!!		
Min. 30 °F		Vel. 20 m.p.h.	Read. 28.80			
Set 31 °F		Char. gusty	Corr. 28.68			
R. H. 64 %		24 hr. Mov. 289.8	Sea L. 30.08	0700	1300	1900
Ppn. T	Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0mb	Clds. 9/16 Scu	Clds.	Clds.
Ppn. T	Sol. in.	Snow Depth 0 in.	Observer SAM	Wx ~~BS~~ OVC	Wx	Wx
				Vis. 25 mi	Vis.	Vis.

Data!

$\bar{T} = 42°$

$HDD = 23$

$\Sigma HDD = 91$

$\Sigma pcn = 0.01"$

$T_{roof} = 34°$

$T_w = 30°$

$T_d = 23°$

$T_{d\,roof} = 21°$

Sat., Nov. 7, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. WSW	Temp. 72°F	Max gust to 26 mph		
Min. 31 °F	Vel. 14 m.p.h.	Read. 28.84			
Set 40 °F	Char. Gusty	Corr. 28.71	Ramos Overnight Low = 33°F		
			0700	1300	1900
R. H. 35 %	24 hr. Mov. 248.4mi	Sea L. 30.09	Clds. 3/10 Str. Cu.	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.8mb ✓	Wx —	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer VPH	Vis. 35mi	Vis.	Vis.

$\bar{T} = 37$

$H_{DD} = 28$

$\Sigma H_{DD} = 109$

$\Sigma pcn = 0.01"$

$T_{roof} = 43°F$

$T_w = 34°F$

$T_d = 17°F$

$T_{drums} = 17°F$

SUN, NOV. 8, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. SW	Temp. 72	vis. reduced due to SMOKE. Very strong smoke smell from roof!
Min. 38 °F	Vel. 10 m.p.h.	Read. 28.88	
Set 42 °F	Char. STDY	Corr. 28.76	RAMOS OVERLOOK 45

0700	1300	1900
Clds. OBS.	Clds.	Clds.
Wx K!	Wx	Wx
Vis. 1½-2mi	Vis.	Vis.

R. H.	24 hr. Mov.	Sea L.
54 %	N/A	30.13

Ppn. Liq.	Prev. Dir.	3 hr. Tend.
0 in.	N/A	N/A

Ppn. Sol.	Snow Depth	Observer
0 in.	0 in.	GK

$F = 48$

$H_{DD} = 17$

$\Sigma H_{DD} = 126$

ΣP_W 0.01"

$T_{ROOF} = 48$

$T_W = 41$

$T_d = 32$

$T_{d\,(MONTH)} = 30$

MON. NOV 9, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. WSW	Temp. 74	PCN. VRY LT. ODIFERAUS ATMOSPHERE
Min. 42 °F	Vel. 7 m.p.h.	Read. 28.80	
Set 49 °F	Char. STDY.	Corr. 28.67	

0700	1300	1900
Clds. OBSC.	Clds.	Clds.
Wx R-, F, K	Wx	Wx
Vis. 1/4 mi.	Vis.	Vis.

R. H. 86 %	24 hr. Mov. 193.6 mi.	Sea L. 30.02	
Ppn. Liq. .03 in.	Prev. Dir. SW	3 hr. Tend. STDY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

$T_{rwf} = 51$ $T_w = 49$ $T_d = 47$

$T_{d(ramos)} = 46$

$\bar{T} = 55$

$DD = 10$

$\Sigma_{DD} = 136$

$\Sigma_{pcp} = 0.04"$

Tues., Nov. 10, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. ENE	Temp. 72°F	Gust to 20mph		
Min. 28 °F	Vel. 8 m.p.h.	Read. 28.96			
Set 28 °F	Char. Gusty	Corr. 28.83			
			0700	1300	1900
R. H. 91 %	24 hr. Mov. 90.8mi	Sea L. 30.25	Clds. 10/10 STR	Clds.	Clds.
Ppn. Liq. 0.23 in.	Prev. Dir. NNE	3 hr. Tend. +0.1mb ✓	Wx S-F	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer WPH	Vis. 2 mi	Vis.	Vis.

$\bar{T} = 41^\circ F$

$H_{DD} = 24$

$\Sigma H_{DD} = 160$

$\Sigma pcn = 0.27''$

$T_{roof} = 32^\circ F$

$T_w = 31^\circ F$

$T_d = 29.5^\circ F$

$T_{drains} = 27^\circ F$

WED NOV. 11 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. NE	Temp. 70°	Flurries. 3" snow.		
Min. 23 °F	Vel. 10 m.p.h.	Read. 28.81			
Set 23 °F	Char. Steady	Corr. 28.69	0700	1300	1900
R. H. 96 %	24 hr. Mov. 102.8 mi	Sea L. 30.10	Clds. OVC	Clds.	Clds.
Ppn. Liq. 0.35 in.	Prev. Dir. NE	3 hr. Tend. -0.4mb	Wx S-	Wx	Wx
Ppn. Sol. 3½ in.	Snow Depth 3 in.	Observer SAM	Vis. 20mi	Vis.	Vis.

$\bar{T} = 27°$

$HDD = 38°$

$\Sigma HDD = 198$

$\Sigma pcn = .62$

$T_{roof} = 28°$

$T_W = 28°$

$T_d = 27°$

$T_{d\,ramos} = 20°$

THURS. NOV 12, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. SW	Temp. 70	7" TOTAL PAST 2 DAYS. NOT BAD SNOW FOR NOV!
Min. 23 °F	Vel. 10 m.p.h.	Read. 28,65	
Set 28 °F	Char. STDY	Corr. 28,53	RGMD OVN LO: 25
R. H. 82 %	24 hr. Mov. 86 mi	Sea L. 29,93	
Ppn. Liq. .29 in.	Prev. Dir. W	3 hr. Tend. -.5\	
Ppn. Sol. 3½ in.	Snow Depth 6 in.	Observer GK.	

0700	1300	1900
Clds. 7/10	Clds.	Clds.
Wx BKN.	Wx	Wx
Vis. 20mi	Vis.	Vis.

$\bar{T} = 27$

$H_{100} = 38$

$\Sigma H_{100} = 236$

$\Sigma P_{WV} = 0.91''$

$T_r = 32$

$T_w = 30$

$T_d = 27$

$T_{d(12am)} = 22$

Fri. NOV. 13, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. WSW	Temp. 70°	No cotton swab for Tw. Used Ramos.		
Min. 28 °F	Vel. 16 m.p.h.	Read. 28.64	RAMOS OVRNT LO = 31		
Set 34° °F	Char. Gusty	Corr. 28.52	SOME BARE SPOTS IN SNOW COVER		
			0700	1300	1900
R. H. 61 %	24 hr. Mov. 135.2 mi	Sea L. 29.91	Clds. to	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.0 mb	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer SAM	Vis. 25 mi	Vis.	Vis.

$\bar{T} = 35°$

$T_{dramos} = 23°F$

$HDD = 30$

$\Sigma_{it\ DD} = 266$

$\Sigma_{pcn} = 0.91"$

Sat. Nov, 14, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. SW	Temp. 71°F			
Min. 34 °F	Vel. 8 m.p.h.	Read. 28.74			
Set 44 °F	Char. Variable	Corr. 28.62			
R. H. 52 %	24 hr. Mov. 118.8mi	Sea L. 29.99	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +2.1mb/	Clds. Ci 9/10 Str. Cu	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth T in.	Observer JPH	Wx —	Wx	Wx
			Vis. 35 mi	Vis.	Vis.

$\bar{T} = 43$

$A_{DD} = 22$

$\Sigma A_{DD} = 288$

$\Sigma pcn_{(L)} = 0.91"$

$\Sigma pcn_{(S)} = 7.0"$

$T_{roof} = 47°F$

$T_w = 40°F$

$T_d = 30°F$

$T_{d(\text{frames})} =$

SUN, NOV. 15 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. —	Temp. 70	PATCHES OF FOG, ESP. AT BASE OF MTN. — — — ONLY MAN-MADE MOUNDS OF SNOW LEFT. — — — — RAINS SUN-20.		
Min. 27 °F	Vel. CALM m.p.h.	Read. 29.15			
Set 27 °F	Char. —	Corr. 29.03	0700	1300	1900
R. H. 72 %	24 hr. Mov. 47.5mi	Sea L. 30.45	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. +.25	Wx CLEAR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 3mi	Vis.	Vis.

$\bar{T} = 41$

$HDD = 24$

$\Sigma HDD = 312$

$\Sigma P_{DEV.} = 0.91''$

$\Sigma P_{REQ'D} = 7.0''$

$T_r = 34$

$T_W = 31$

$T_d = 26$

$T_{d(required)} = 29$

MON NOV 16, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SSW	Temp. 72			
Min. 27 °F	Vel. 9 m.p.h.	Read. 29.25			
Set 41 °F	Char. G to 15	Corr. 29.12	RAMOS OVRNT LO = 37		
R. H. 83 %	24 hr. Mov. 44.9 mi.	Sea L. 30.51	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +2.0 mb/	Clds. 10/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Wx F	Wx	Wx
			Vis. 2½-3	Vis.	Vis.

$T_{roof} = 44$ $T_w = 41.5$ $T_d = 39$

$T_{d\,(RAMOS)} = 38$

$\bar{T} = 41$

$DD = 24$

$\Sigma_{DD} = 336$

$\Sigma_{PCN(L)} = 0.91"$

$\Sigma_{PCN(S)} = 7.0"$

Tues. Nov. 17, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. S	Temp. 74°F	Winds variable SE → W 1–12 mph		
Min. 41 °F	Vel. 5 m.p.h.	Read. 28.96			
Set 54 °F	Char. Gusty	Corr. 28.83	Romus Overnight Low = 49°F		
			0700	1300	1900
R. H. 77 %	24 hr. Mov. 120.3mi	Sea L. 30.18	Clds. 10/10 Str.Cu	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. S	3 hr. Tend. \	Wx ∞	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JPH	Vis. 5mi	Vis.	Vis.

$\bar{T} = 49$

$H_{DD} = 16$

$\Sigma H_{DD} = 352$

$\Sigma_{pcn(4} = 0.91"$

$\Sigma_{pcn(s)} = 7.0"$

$T_{roof} = 58°F$

$T_w = 54°F$

$T_d = 51°F$

$T_{d(rams} = 50°F$

WED. NOV. 18, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. WSW	Temp. 74°F	Extremely windy turning the corner up there!		
Min. 50 °F	Vel. 20 G45 m.p.h.	Read. 28.76"			
Set 50 °F	Char. Very Gusty	Corr. 28.63"			
			0700	1300	1900
R. H. 43 %	24 hr. Mov. 254.1 mi	Sea L. 29.97"	Clds. 4/10 SC	Clds.	Clds.
Ppn. Liq. 0.43 in.	Prev. Dir. S	3 hr. Tend. +2.2 mb	Wx SCT	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Vis. 25 mi	Vis.	Vis.

$\bar{T} = 57$

$T_{roof} = 54$

$H_{DD} = 8$

$T_{dv} = 41$

$\Sigma H_{DD} = 360$

$T_d = 32°$

$\Sigma p_{en} = 1.34''$

$T_{dRATIOS} = 34°$

$\Sigma p_{an(s)} = 7.0''$

THURS, NOV. 19, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. W	Temp. 70			
Min. 36 °F	Vel. 10 m.p.h.	Read. 29.03			
Set 36 °F	Char. STDY	Corr. 28.91	Sun down 20:38		
R. H. 60 %	24 hr. Mov. 178 mi	Sea L. 30.31	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. STDY.	Clds.	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Wx BKN	Wx	Wx
			Vis. 20 mi	Vis.	Vis.
			7/10		

$\bar{T} = 45$

$HDD = 20$

$\Sigma HDD = 381$

$\Sigma PCN = 1.34''$

$\Sigma PCN(S) = 7.0''$

$T_r = 39$

$T_w = 34$

$T_d = 26$

$T_{d(RAND)} = 24$

Fri. Nov. 20 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. W	Temp. 74°	Beautiful Cloud Formation
Min. 34 °F	Vel. 12 m.p.h.	Read. 28.51	
Set 34 °F	Char. Steady	Corr. 28.38	

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

R. H. 61 %	24 hr. Mov. 138.1 mi	Sea L. 29.76			
Ppn. T	Liq. in.	Prev. Dir. SW	3 hr. Tend. -0.8 mb		
Ppn. —	Sol. in.	Snow Depth — in.	Observer Stm		

$\bar{T} = 42$

$H_{DD} = 23$

$\Sigma H_{DD} = 404$

$\Sigma pcn = 1.34"$

$\Sigma pcn(s) = 7"$

$T_{roof} = 37°$

$T_W = 33°$

$T_D = 25°$

$T_{D\,ROOF} = 25°$
Ramos

SAT. NOV. 21, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 39 °F	Dir. NNW	Temp. 72°F	* New Record min (old record 14°F in 1951)
Min. * 13 °F	Vel. 10 m.p.h.	Read. 28.63	
Set 13 °F	Char. Gusty 10G20	Corr. 28.50	
R. H. 48 %	24 hr. Mov. 155.7mi	Sea L. 29.95	
Ppn. Liq. .05 in.	Prev. Dir. WNW	3 hr. Tend. /	
Ppn. Sol. ~0.8 in.	Snow Depth 1 in.	Observer JPH	

0700	1300	1900
Clds. 3/10 Str. Cu Cu. Frct.	Clds.	Clds.
Wx Mstly Sunny	Wx	Wx
Vis. 35 mi	Vis.	Vis.

$\bar{T} = 26°F$

$H_{DD} = 39$

$\Sigma H_{DD} = 443$

$\Sigma pcp(L) = 1.39"$

$\Sigma pcp(S) = 7.5"$

$T_{roof} = 16°F$

$T_w = 11°F$

$T_{d(UNV)} = 0$

$T_{d(ramps)} = 0$

SUN, NOV. 22 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. * 21 °F	Dir. NW	Temp. 70	* RECORD MIN MAX (OLD RECORD 29, IN 1964) FRIGID P.S. WIND GALE! WIND CHILL ~ -10° DURING * LOWEST EVER THE GALE- THIS EARLY
Min. 13 °F	Vel. 10 m.p.h.	Read. 28,97	
Set 15 °F	Char. STDY	Corr. 28,05	
R. H. 50 %	24 hr. Mov. 202 mi	Sea L. 30,32	
Ppn. Liq. T in.	Prev. Dir. NW	3 hr. Tend. +2 mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer GK	

0700	1300	1900
Clds. 3/10 STR. CU.	Clds.	Clds.
Wx SCT.	Wx	Wx
Vis. 25 mi	Vis.	Vis.

$T = 17$

$HDD = 48$

$\Sigma HDD = 491$

$\Sigma PCN(L) = 1.39''$

$\Sigma PCN(S) = .75''$

$T_r = 18$

$T_w = Froze.$

$T_d = 8$

$T_d (rains) = 8$

MON. NOV 23, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. —	Temp. 72	F, K base MT. NITTANY AND PENNS VALLEY
Min. 15 °F	Vel. 0 m.p.h.	Read. 28.93	
Set 17 °F	Char. CALM	Corr. 28.80	
R. H. 69 %	24 hr. Mov. 66.9 mi.	Sea L. 30.24	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. STDY	
Ppn. Sol. 0 in.	Snow Depth T in.	Observer JHM	

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

$T_{ROOF} = 21$ $T_{d\ (RAMOS)} = 12.5$

$\bar{T} = 25$

$DD = 40$

$\Sigma_{DD} = 531$

$\Sigma_{PCN(L)} = 1.39"$

$\Sigma_{PCN(S)} = 7.5"$

Tues. NOV. 24, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. SW	Temp. 74°F	Ramos overnight low = 43°F BINOVC		
Min. 17 °F	Vel. 12 m.p.h.	Read. 29.02			
Set 48 °F	Char. Steady	Corr. 28.89	26 Days!		
R. H. 63 %	24 hr. Mov. 69 mi	Sea L. 30.26	0700 Clds. 10/10 Str Cu	1300 Clds.	1900 Clds.
Ppn. T in. Liq.	Prev. Dir. SW	3 hr. Tend. +2.0 mb/	Wx —	Wx	Wx
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer VPH	Vis. 15 mi	Vis.	Vis.

$\bar{T} = 34$

$H_{DD} = 31$

$\Sigma H_{DD} = 562$

$\Sigma pcp(L) = 1.39''$

$\Sigma pcp(S) = 7.8''$

$T_{roof} = 51°F$

$T_w = 45°F$

$T_d = 38.5°F$

$T_{d(ramos)} = 39°F$

WED. NOV. 25, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. —	Temp. 74	OVC VRY THN OVHD		
Min. 39 °F	Vel. — m.p.h.	Read. 29.04			
Set 39 °F	Char. CALM	Corr. 28.91			
			0700	1300	1900
R. H. 76 %	24 hr. Mov. 89.4 Mi.	Sea L. 30.30	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. -0.5 mb	Wx -OVC, ∞	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 5 mi.	Vis.	Vis.

$T_{roof} = 42$ $T_w = 39$ $T_d = 35$

$T_{d(RAMS)} = 34$

$\bar{T} = 49$

$DD = 16$

$\Sigma_{DD} = 578$

$\Sigma_{PLM(L)} = 1.39"$

$\Sigma_{PLM(S)} = 7.8"$

THURS. NOV. 26, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. SW	Temp. 74	A CLOUDY, DAMP TURKEY DAY.
Min. 39 °F	Vel. 6 m.p.h.	Read. 28.94	
Set 48 °F	Char. STDY	Corr. 28.81	RAMOS OVRNT LO = 49

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

R. H. 80 %	24 hr. Mov. 65.5	Sea L. 30.18	
Ppn. Liq. .01 in.	Prev. Dir. WSW	3 hr. Tend. +.5mb	
Ppn. Sol. 0. in.	Snow Depth 0 in.	Observer GK	

$\overline{T} = 48$

$T_{LOW} = 17$

$\Sigma_{HOD} = 595$

$\Sigma_{PCN\,(L)} = 1.40''$

$\Sigma_{PCN\,(S)} = 7.0''$

$T_r = 52$

$T_W = 49$

$T_d = 46$

$T_{d\,(RAMOS)} = 45$

FRI. NOV. 27, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. E	Temp. 72			
Min. 29 °F	Vel. 10 m.p.h.	Read. 29.16			
Set 29 °F	Char. STDY.	Corr. 29.03			
			0700	1300	1900
R. H. 72 %	24 hr. Mov. 86.7mi	Sea L. 30.46	Clds. 10/10	Clds.	Clds.
Ppn. 1 Liq. in.	Prev. Dir. NE	3 hr. Tend. +/-.61	Wx ovc.	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer GK.	Vis. 10 mi	Vis.	Vis.

$\bar{T} = 42$

$H_{DD} = 23$

$\Sigma H_{DD} = ~~520~~ 618$

$\Sigma P_{(N)}(4) = 1.40''$

$\Sigma R_N(15) = 7.8''$

$T_r = 34$

$T_W = 31$

$T_d = 26$

$T_{d(RAMOS)} = 26$

SAT. NOV. 28, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. E	Temp. 72	
Min. 29 °F	Vel. 8 m.p.h.	Read. 29.04	
Set 34 °F	Char. G14	Corr. 28.91	RAMOS ORNT LO = 34
R. H. 83 %	24 hr. Mov. 59.8 mi.	Sea L. 30.31	
Ppn. Liq. .03 in.	Prev. Dir. E	3 hr. Tend. STDY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

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

$T_{roof} = 37$ $T_w = 35$ $T_d = 32.5$

$T_{d(ramol)} = 33.4$

$\bar{T} = 33$

$DD = 32$

$\Sigma_{DD} = 652$

$\Sigma_{pcw(L)} = 1.43$

$\Sigma_{pcw(S)} = 7.8$

SUN. NOV. 29, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. ENE	Temp. 72	LO OVC: RIDGETOPS PARTIALLY OBSCURED
Min. 34 °F	Vel. 8 m.p.h.	Read. 28.68	
Set 38 °F	Char. G12	Corr. 28.55	RAMOS OVR NT LO = 37
R. H. 88 %	24 hr. Mov. 72.8 mi.	Sea L. 29.93	
Ppn. Liq. .07 in.	Prev. Dir. E	3 hr. Tend. -3.0mb \	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

	0700	1300	1900
Clds.	10/10 V	Clds.	Clds.
Wx	OVC	Wx	Wx
Vis.	6 mi.	Vis.	Vis.

$T_{roof} = 40.5$ $T_{wb} = 39$ $T_d = 37$

$T_{d\,(mins)} = 37$

$\bar{T} = 37$

$DD = 28$

$\Sigma_{DD} = 680$

$\Sigma_{PAN(L)} = 1.50$

$\Sigma_{PAN(J)} = 7.8$

MON NOV. 30, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. W	Temp. 72	BINOVC E		
Min. 37 °F	Vel. 10 m.p.h.	Read. 28.39			
Set 37 °F	Char. G15	Corr. 28.27			
			0700	1300	1900
R. H. 60 %	24 hr. Mov. 84.5 mi.	Sea L. 29.63	Clds. 1%10 v	Clds.	Clds.
Ppn. Liq. .71 in.	Prev. Dir. WSW	3 hr. Tend. +.75 mb ↓	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 25 mi	Vis.	Vis.

$T_{roof} = 40$ $T_w = 35$ $T_d = 27.4$

$T_{d(remote)} = 29$

$\bar{T} = 42$

$DD = 23$

$\Sigma_{DD} = 702$

$\Sigma_{PCW(L)} = 2.21"$

$\Sigma_{PCW(S)} = 7.8"$