Tues. Dec. 1, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. WSW	Temp. 72° F			
Min. 34 °F	Vel. 5 m.p.h.	Read. 28.25			
Set 35 °F	Char. steady	Corr. 28.13			
			0700	1300	1900
R. H. 74 %	24 hr. Mov. 141.1 mi	Sea L. 29.50	Clds. 10/10 Str. Cu	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. -0.1 mb L	Wx —	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JPH	Vis. 10 mi	Vis.	Vis.

$\overline{T} = 37$

$H_{dd} = 28$

$\Sigma H_{dd} = 28$

$\Sigma pcn(L) = T$

$\Sigma pcn(S) = 0$

$T_{roof} = 38°F$

$T_w = 35°F$

$T_d = 30.5°F$

$T_{d(ramos)} = 31°F$

WED DEC. 2, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. WNW	Temp. 72°	Occasional Flurry		
Min. 28 °F	Vel. 12 m.p.h.	Read. 28.48			
Set 28 °F	Char. Gusty	Corr. 28.36	Roads Very Icy.		
R. H. 75 %	24 hr. Mov. 139.6 mi	Sea L. 29.76	0700	1300	1900
Ppn. Liq. 0.03 in.	Prev. Dir. SW	3 hr. Tend. +3.0 mb	Clds. 10/10 Sc	Clds.	Clds.
Ppn. Sol. T in.	Snow Depth — in.	Observer SAM	Wx OVC	Wx	Wx
			Vis. 20 mi	Vis.	Vis.

$\overline{T} = 34$

$H_{DD} = 31$

$\Sigma H_{DD} = 59$

$\Sigma_{pen(1)} = 0.03"$

$\Sigma_{pen(s)} = T$

$T_{roof} = 33°$

$T_W = 30°$

$T_D = 26°$

$T_{D\ ROMUS} = 22°$

DEC. 3, 1987, THUR. 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SW	Temp. 72	SNOW ACCUM. 8AM-9AM.		
Min. 26 °F	Vel. 4 m.p.h.	Read. 28.68			
Set 28 °F	Char. STDY	Corr. 28.55	0700	1300	1900
R. H. 62 %	24 hr. Mov. 190	Sea L. 29.96	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. W	3 hr. Tend. -1.5	Wx OVC.	Wx	Wx
Ppn. Sol. .2 in.	Snow Depth 0 in.	Observer GK	Vis. 15mi	Vis.	Vis.

$\bar{T} = 30$

$HDD = 35$

$\Sigma HDD = 94$

$\Sigma PLN(L) = .04''$

$\Sigma PLN(S) = .2''$

$Tr = 32$

$TW = 28$

$Td = 20$

$Td(RATIOS) = 20$

Fri. DEC. 4 [illegible]

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. NNE	Temp. 72°	Fog, SW- (whiteners on the [illegible])
Min. 28 °F	Vel. 4 m.p.h.	Read. 28.28"	
Set 30 °F	Char. Steady	Corr. 28.16"	
R. H. 89 %	24 hr. Mov. 65.5 mi	Sea L. 29.53"	
Ppn. .18 in. Liq.	Prev. Dir. S	3 hr. Tend. +1.0mb	
Ppn. 1.8 in. Sol.	Snow Depth 1 in.	Observer SAM	

0700	1300	1900
Clds. (X)	Clds.	Clds.
Wx Fog, SW-	Wx	Wx
Vis. 3/4 mi	Vis.	Vis.

$\bar{T}$ = 33

HDD = 32

Σ HDD = 126

Σ precip = 0.22"

Σ precip (s) = 2.0"

T_{roof} = 34°

T_W = 33°

T_d = 25°

$T_{d\,RAMOS}$ = 31

SAT DEC. 5, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. NW	Temp. 72			
Min. 25 °F	Vel. 10 m.p.h.	Read. 28.61			
Set 26 °F	Char. STDY.	Corr. 28.48	0700	1300	1900
R. H. 66 %	24 hr. Mov. 109 mi.	Sea L. 29.89	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. WNW	3 hr. Tend. STDY.	Wx OVC	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer GK.	Vis. 10 mi	Vis.	Vis.

$T = 30$

$HDD = 35$

$\Sigma HDD = 161$

$\Sigma PRN(L) = 0.22''$

$\Sigma PRN(S) = 2.0''$

$Tr = 30$

$TW = FROZEN$

$Td\ (UNV) = 21$

$Td\ (RANDS) = 20$

Sunday, Dec. 6, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. WNW	Temp. 70° F	Winds variable W–N Gust to 22 mph.
Min. 26 °F	Vel. 10 m.p.h.	Read. 28.85	
Set 28 °F	Char. Variable/ Gusty	Corr. 28.73	(14 Days!)
R. H. 60 %	24 hr. Mov. 175.6 mi	Sea L. 30.14	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +1.7 mb/	
Ppn. Sol. T in.	Snow Depth T in.	Observer PH	

0700	1300	1900
Clds. 10/10 Strcu.	Clds.	Clds.
Wx cloudy	Wx	Wx
Vis. 25 mi.	Vis.	Vis.

$\bar{T} = 31$

$H_{DD} = 34$

$\Sigma H_{DD} = 195$

$\Sigma_{pcp(L)} = 0.22"$

$\Sigma_{pcp(S)} = 2.0"$

$T_{roof} = 31.5°F$

$T_w = 27°F$

$T_d = 19°F$

$T_{d(rms)} = 21.6°F$

MON DEC. 7 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. SW	Temp. 72	few Ci to west		
Min. 20 °F	Vel. 4 m.p.h.	Read. 29.11"			
Set 21 °F	Char. Steady	Corr. 28.99"	(last week) We're Under High Pressure		
			0700	1300	1900
R. H. 84 %	24 hr. Mov. 118.5 mi	Sea L. 30.40 "	Clds. 9/10 (Ci)	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0.8mb	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Vis. 30 mi	Vis.	Vis.

$\bar{T} = 28$

$HDD = 37$

$\Sigma HDD = 252$

$\Sigma pcn(u) = 0.22"$

$\Sigma pcn(s) = 2.0"$

$T_{roof} = 26$

$T_W = 22$

$T_D = 19$

$T_{DR} = 20$

Tues., Dec. 8, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. —	Temp. 72°F	* No wick on Stag psychrometer - used Ramos T, ϕ
Min. 21 °F	Vel. 0 m.p.h.	Read. 29.05	Ramos Overnight low = 30°F (12 days)
Set 29 °F	Char. Calm	Corr. 28.92	
R. H. * 78 %	24 hr. Mov. 12.5 mi	Sea L. 30.35	
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. -0.2 mb ↘	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer dPH	

0700	1300	1900
Clds. 10 Alto St. 10 St. Cu	Clds.	Clds.
Wx Cloudy	Wx	Wx
Vis. 10 mi	Vis.	Vis.

$\bar{T} = 32$

$H_{00} = 33$

$\Sigma H_{00} = 275$

$\Sigma_{pcn(L)} = 0.22"$

$\Sigma_{pcn(S)} = 2.0"$

$T_{d(rams)} = 25°F$

$T_{(rams)} = 31°F$

WED. DEC. 9 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. CALM	Temp. 73°F			
Min. 28 °F	Vel. " m.p.h.	Read. 28.76"			
Set 28 °F	Char. "	Corr. 28.63"	"Frosty" ~~Rudolph~~ is on tonight!!!		
			0700	1300	1900
R. H. 89 %	24 hr. Mov. 253 mi	Sea L. 30.03	Clds. 5/10 Scu	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. -1.0mb	Wx BKN	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Vis. 17mi	Vis.	Vis.

$\overline{T} = 38$

$T_{roof} = 35°$

$T_W = 32°$

$T_D = 31°$

$T_{D_{roof}} = 27$

$H_{DD} = 27$

$\Sigma H_{DD} = 302$

$\Sigma pcn(6) = 3\ 0.22''$

$\Sigma pcn(s) = 2.0''$

THURS. DEC. 10, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. SW	Temp. 76	MAX. OCCURD. ON, LO. OCCURD. WED. AM. FROPA ~ 5Z.		
Min. 28 °F	Vel. 6 m.p.h.	Read. 28,68			
Set 37 °F	Char. STDY.	Corr. 28,54	0700	1300	1900
R. H. 67 %	24 hr. Mov. 70 mi	Sea L. 29,92	Clds. 4/D	Clds.	Clds.
Ppn. Liq. .07 in.	Prev. Dir. WSW	3 hr. Tend. +1mb.	Wx BKN.	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 15mi	Vis.	Vis.

$\bar{T} = 39$

$HDD = 26$

$\Sigma HDD = 328$

$\Sigma PCN(A) = 0.28''$

$\Sigma PCN(S) = 2.0''$

$Tr = 40$

$TW = 36$

$Td = 30$

$Td(MAX) = 30.$

FRI. DEC. 11, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. SW	Temp. 75°			
Min. 29 °F	Vel. 5 m.p.h.	Read. 49 28.~~98~~"			
Set 33 °F	Char. Steady	Corr. 28.36			
			0700	1300	1900
R. H. 89 %	24 hr. Mov. 45.9 mi	Sea L. 29.75	Clds. 9/10 Sc	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.5 mb	Wx -OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Vis. 25 mi	Vis.	Vis.

$\bar{T} = \cancel{25}\ 39$

$H_{DD} = 26$

$\Sigma H_{DD} = 354$

$\Sigma pcn(L) = 0.29''$

$\Sigma pcn(S) = 2.0''$

$T_{roof} = 35°$

$T_W = 33°$

$T_D = 32°$

$T_{DRAINS} = 27°$

SAT, DEC. 12, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. WSW	Temp. 74°F	Wind Gust to 22 mph
Min. 33 °F	Vel. 15 m.p.h.	Read. 28.18	(8 days)
Set 39 °F	Char. Gusty	Corr. 28.05	Ramos Overnight Low = 39°F
R. H. 61 %	24 hr. Mov. 100.3mi	Sea L. 29.40	
Ppn. Liq. 0.02 in.	Prev. Dir. SW	3 hr. Tend. +1.9mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer VPH	

0700	1300	1900
Clds. 4/10 St-Cu.	Clds.	Clds.
Wx —	Wx	Wx
Vis. 25 mi	Vis.	Vis.

$\bar{T} = 42°F$

$HDD = 23$

$\Sigma HDD = 377$

$\Sigma pcp(L) = 0.31''$

$\Sigma pcp(S) = 2.0''$

$T_{roof} = 41°F$

$T_w = 36°F$

$T_d = 28.5°F$

$T_{d\,(ramos)} = 29.8°F$

SUN, DEC. 13, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. W	Temp. 72			
Min. 31 °F	Vel. 12 6.20 m.p.h.	Read. 28.63			
Set 31 °F	Char. GUSTY	Corr. 28.60			
			0700	1300	1900
R. H. 55 %	24 hr. Mov. 244	Sea L. 30,00	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .02 in.	Prev. Dir. WSW	3 hr. Tend. +2,5/	Wx OVC	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer GK	Vis. 10 mi	Vis.	Vis.

$\bar{T} = 39$

$HDD = 26$

$\Sigma HDD = 403$

$\Sigma PRN(L) = 0.33''$

$\Sigma PCN(S) = 2.0''$

$T_r = 34$

$T_W = 28$

$T_d = 19$

$T_d\ (MOS) = 20$

MON DEC 14, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. W	Temp. 74			
Min. 29 °F	Vel. 10 m.p.h.	Read. 28.95			
Set 30 °F	Char. STDY	Corr. 28.82	0700	1300	1900
R. H. 58 %	24 hr. Mov. 137.5 mi.	Sea L. 30.23	Clds. 10/10 $\bar{v}$	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1.0mb↓	Wx BINOVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 15 mi.	Vis.	Vis.

$T_{ROOF} = 33$ $T_W = 28.5$ $T_d = 20$

$T_{d\,RANGE} = 21$

$\bar{T} = 34$

$H_{DD} = 31$

$\Sigma_{DD} = 434$

$\Sigma_{PCP(L)} = 0.33"$

$\Sigma_{PCP(S)} = 2.0"$

Tues., Dec. 15, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. ESE	Temp. 74 °F	Top of Ridges obscured Winds vary SE → E Gust to 46 mph.
Min. 28 °F	Vel. 10 m.p.h.	Read. 28.62	
Set 30 °F	Char. Variable	Corr. 28.49	
R. H. 85 %	24 hr. Mov. 54.9 mi.	Sea L. 29.89	
Ppn. Liq. 0.43 in.	Prev. Dir. E	3 hr. Tend. -3.1 mb	
Ppn. Sol. 1.0 in.	Snow Depth 1 in.	Observer JPH	

0700	1300	1900
Clds. 10/10 Str Cu.	Clds.	Clds.
Wx ~ F	Wx	Wx
Vis. 3 mi.	Vis.	Vis.

$\bar{T} = 34$

$H_{00} = 31$

$\Sigma H_{00} = 465$

$\Sigma pcn(L) = 0.76"$

$\Sigma pcn(S) = 3.0"$

$T_{frames} = 32°F$

$T_{drames} = 28°F$

WED. DEC. 16, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. W	Temp. 71°F	WIND GUST TO 64 mph 2252 LT, 15th		
Min. 28 °F	Vel. 24 m.p.h.	Read. 28.24			
Set 28 °F	Char. GUSTY!!!	Corr. 28.12	0700	1300	1900
R. H. 71 %	24 hr. Mov. 271 mi	Sea L. 29.50	Clds. OVC	Clds.	Clds.
Ppn. Liq. 0.13 in.	Prev. Dir. W	3 hr. Tend. +0.0mb	Wx SW-	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer SAM	Vis. 15mi	Vis.	Vis.

$\bar{T} = 34°$

$H_{DD} = 31°$

$\Sigma H_{DD} = 496$

$\Sigma pen = 0.8$"

$\Sigma pen(s) = 3.0$"

$T_{roof} = 32°$

T_W = NA

T_D = NA

T_{DRAWOS} = 19.5

THURS. DEC. 17, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. NW	Temp. 72	ACC. SNOW BETWEEN 3:30 - 5PM. 3 ACCIDENTS ON CAMPUS!		
Min. 27 °F	Vel. 18 m.p.h.	Read. 28.72			
Set 27 °F	Char. GUSTY	Corr. 28.59	0700	1300	1900
R. H. 55 %	24 hr. Mov. 315	Sea L. 30.00	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .03 in.	Prev. Dir. W	3 hr. Tend. +3mb/	Wx OVC.	Wx	Wx
Ppn. Sol. .5 in.	Snow Depth 1 in.	Observer GK	Vis. 15mi	Vis.	Vis.

$\bar{T} = 29$

$HDD = 36$

$\Sigma HDD = 532$

$\Sigma PCN = 0.392''$

$\Sigma PCN(S) = 3.5''$

$T_{roof} = 30$

$TW = N/A$

$TD_{(NW)} = 16$

$TD\ RATIOS = 16$

FRI DEC 18, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. N	Temp. 70			
Min. 23 °F	Vel. 10 m.p.h.	Read. 29.03			
Set 23 °F	Char. STDY	Corr. 28.91			
R. H. 62 %	24 hr. Mov. 180.2	Sea L. 29.35	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +2.0mb/	Clds. 9/10 Scu	Clds.	Clds.
Ppn. Sol. T in.	Snow Depth T in.	Observer SAM	Wx BKN	Wx	Wx
			Vis. 25 mi.	Vis.	Vis.

$\overline{T} = 28$

$HDD = 37$

$\Sigma DD = 559$

$\Sigma_{PCW(L)} = 0.92"$

$\Sigma_{PCW(U)} = 3.5"$

$T_{ROOF} = 25$

$T_{d\ RANGE} = .14$

SAT. DEC 19, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. WSW	Temp. 70	low at ≈ 0800 LT, 18th RAMOS OVRNT LOW = 25 PATCHY SNOW ON GOLF COURSE
Min. 22 °F	Vel. 10G14 m.p.h.	Read. 28.82	
Set 30 °F	Char. GUSTY	Corr. 28.70	

	0700	1300	1900
R. H. 61 %	Clds. 10/10 OVC	Clds.	Clds.
Ppn. 0 Liq. in.	Wx BINOVC	Wx	Wx
Ppn. 0 Sol. in.	Vis. 20 mi.	Vis.	Vis.
Snow Depth 0 in.			
Observer JHM			
24 hr. Mov. 557 mi.			
Sea L. 30.11			
Prev. Dir. W			
3 hr. Tend. STDY			

$T_{root} = 31$ $T_{d(RAMS)} = 19$ $T_{d(NAM)} = 20$

$\bar{T} = 28$

$H_{DD} = 37$

$\Sigma_{DD} = 596$

$\Sigma_{pcp(S)} = 0.92"$

$\Sigma_{pcp(L)} = 3.5"$

SUN DEC. 20, 1964 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 36 °F	Dir. S	Temp. 10	[illegible] 10 PM.
Min. 30 °F	Vel. 16 m.p.h.	Read. 28.65	
Set 33 °F	Char. STDY.	Corr. 28.53	

R. H.	24 hr. Mov.	Sea L.	0700 Clds.	1300 Clds.	1900 Clds.
93 %	12 mi	29.91	1 1/10		
Ppn. Liq. .43 in.	Prev. Dir. WSW	3 hr. Tend. -.06	Wx R-	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 1-1½ mi	Vis.	Vis.

$\bar{T} = 33$

$T_{30} = 32$

$\Sigma_{[illegible]} = 628$

$\Sigma_{[illegible]} = 1.35''$

$\Sigma_{[illegible]} = 3.5''$

$T_{[illegible]} = 37$

$T_W = 36$

$T_D = 35$

$T_{[illegible]} = 33$

Nov. 26-27, 1967 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. W	Temp. 70	RAIN ENDED ~ 9AM. - WARM WIND!		
Min. 36 °F	Vel. 10 m.p.h.	Read. 28.78			
Set 30 °F	Char. STDY.	Corr. 28.66	0700	1300	1900
R. H. 82 %	24 hr. Mov. 215 mi.	Sea L. 30.06	Clds. 3/10	Clds.	Clds.
Ppn. Liq. .03 in.	Prev. Dir. WSW	3 hr. Tend. +.51	Wx Sc T	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK.	Vis. 15mi	Vis.	Vis.

$\bar{T} = 41$

$HDD = 24$

$\sum HDD = 652.$

$\sum PCN_{(L)} = 1{,}38''$

$\sum PCN_{(S)} = 3{,}5''$

$T_r = 32$

$T_W = 30$

$T_D = 27$

$T_{D(\text{ramos})} = 23$

TUESDAY
DEC 22, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. SE	Temp. 72°	
Min. 19 °F	Vel. 2 m.p.h.	Read. 28.82	
Set 19 °F	Char. LIGHT & VARIABLE	Corr. 28.70	RAMOS OVNT LOW: 24
R. H. 72 %	24 hr. Mov. 115 MI	Sea L. 30.11	
Ppn. Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. V 1mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MPR	

0700	1300	1900
Clds. Ci 2/10	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 20MI	Vis.	Vis.

T_{roof}: 24°

T_{WET}: 16°

$\bar{T}$: 31°

H_{DD}: 34

ΣH_{DD}: 686

ΣP_{CN}: 1.38"

$\Sigma P_{CN(GI)}$: 3.5"

WEDNESDAY
DEC 23, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. W	Temp. 70°			
Min. 19 °F	Vel. 12 m.p.h.	Read. 28.83			
Set 33° °F	Char. STEADY	Corr. 28.72	(RAMOS OVERNITE LOW: 30)		
			0700	1300	1900
R. H. 81 %	24 hr. Mov. 59 mi	Sea L. 30.10	Clds. 10/10 ST Sc	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. /+1mb	Wx OVC L-	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MPR	Vis. 3 mi	Vis.	Vis.

T_{roof} : 36

T_{WET} : 33

$\bar{T}$: 29

H_{DD} : 36

ΣH_{DD} : 722

ΣP_{CNGI} : 1.38"

ΣR_{NGI} : 3.5"

THURS. DEC. 24, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. NW	Temp. 71	FOG IN TYPICAL LOW PLACES RAMOS OVERNIGHT LO = 25 CLOUDS: Ci + ALTCU		
Min. 22 °F	Vel. 3 m.p.h.	Read. 29.00			
Set 23 °F	Char. STDY	Corr. 28.88	0700	1300	1900
R. H. 92 %	24 hr. Mov. 82 mi.	Sea L. 30.31	Clds. 3/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0mb ∧	Wx SCT	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 10 mi.	Vis.	Vis.

$T_{roof} = 26$ $T_{d(max)} = 24$ $T_{d(min)} = 24$

$F = 31$

$H_{DD} = 34$

$\Sigma_{DD} = 756$

$\Sigma_{PCN(S)} = 3.5"$

$\Sigma_{PCN(L)} = 1.38"$

FRI DEC 25, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 46 °F	Dir. SW	Temp. 70	Precip. VRY LT. RE ≈ 0705 LT RB ≈ 0330 LT		
Min. 23 °F	Vel. 7 m.p.h.	Read. 28.66			
Set 39 °F	Char. STDY	Corr. 28.54	0700	1300	1900
R. H. 96 %	24 hr. Mov. 53.5 mi.	Sea L. 29.91"	Clds. 10/10	Clds.	Clds.
Ppn. .16 Liq. in.	Prev. Dir. S	3 hr. Tend. -2.0mb \	Wx R- F	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	Vis. 1½ mi.	Vis.	Vis.

$T_{roof} = 40 \quad T_d = 39$

$\bar{T} = 35$

$H_{DD} = 30$

$\Sigma_{DD} = 786$

$\Sigma_{pcw(L)} = 1.54"$

$\Sigma_{pcw(S)} = 3.5"$

SAT. DEC 26, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. NNW	Temp. 28.81			
Min. 35 °F	Vel. 5 m.p.h.	Read. 28.81			
Set 35 °F	Char. VAR 3-7	Corr. 28.69			
			0700	1300	1900
R. H. 82 %	24 hr. Mov. 40.6 mi.	Sea L. 30.07	Clds. 10/10 ⊍	Clds.	Clds.
Ppn. Liq. .13 in.	Prev. Dir. NNW	3 hr. Tend. +3.0mb/	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 10 mi.	Vis.	Vis.

$T_{roof} = 37$ $T_{d\,(frame)} = 32$ $T_{d\,(bldg)} = 32$

$\bar{T} = 43$

$DD = 22$

$\Sigma_{DD} = 808$

$\Sigma_{PCW(L)} = 1.67"$

$\Sigma_{PCW(S)} = 3.5"$

SUNDAY, DEC 27, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 39 °F	Dir. SW	Temp. 70	WIDESPREAD FROST FEW BINNC - CAST
Min. 22 °F	Vel. 3 m.p.h.	Read. 29.07	
Set 23 °F	Char. LIGHT	Corr. 28.95	
R. H. 70 %	24 hr. Mov. 34	Sea L. 30.39	
Ppn. Liq. 0 in.	Prev. Dir. NNW	3 hr. Tend. +0 mb —	
Ppn. Sol. 0 in.	Snow Depth — in.	Observer PK	

0700	1300	1900
Clds. 1/10 cs.	Clds.	Clds.
Wx	Wx	Wx
Vis. 20 miles	Vis.	Vis.

$T_{RMF} = 74$ $Tcl_{(Mean)} = 70.9$

$F = 31$

$DD = 34$

$\Sigma DD: 042$

$\Sigma P_{CPN\,(LIQ)} = 1.67"$

$\Sigma P_{CPN\,(ICE)} = 3.5"$

Monday December 28, 1931 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. –	Temp. 70			
Min. 23 °F	Vel. – m.p.h.	Read. 29.01			
Set 27 °F	Char. CALM	Corr. 28.89			
			0700	1300	1900
R. H. 75 %	24 hr. Mov. 29 Mi	Sea L. 30.32	Clds. 10/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. -0.8 Mb	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer FJG	Vis. 20 Mi	Vis.	Vis.

$T_{ROOF} = 28$

$T_L = 20$

$\bar{T} = 29$

$DD = 36$

$\Sigma_{EDD} = 878$

$\Sigma_{LIQ} = 1.67"$

$\Sigma_{SOLID} \ 3.5"$

TUES. DEC 29, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. NNE	Temp. 70	SB 1030 LT 28th very light. ** to *** 1900 - 1700 LT, 28th ** to *** 0400 - 0630 LT, 29th RAMOS DATA NA PRESRR
Min. 23 °F	Vel. 10 G 20 m.p.h.	Read. 28.46	
Set 23 °F	Char. GUSTY	Corr. 28.34	
R. H. 92 %	24 hr. Mov. NA	Sea L. 29.75	
Ppn. Liq. .45 in.	Prev. Dir. NA	3 hr. Tend. +2.0mb V	
Ppn. Sol. 4.5 in.	Snow Depth 4 in.	Observer JHM	

0700	1300	1900
Clds. OBS.	Clds.	Clds.
Wx **	Wx	Wx
Vis. 1 mi.	Vis.	Vis.

$T_{roof} = 25$ $T_{d\,roof} = 23$

$\bar{T} = 28$

$DD = 37$

$\Sigma_{DD} = 915$

$\Sigma_{PCN(L)} = 2.12''$

$\Sigma_{PCN(S)} = 8.0''$

WEDNESDAY
DEC. 30, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. NW	Temp. 72°	✳▽ = 1230 Z
Min. 9 °F	Vel. G25 18 m.p.h.	Read. 29.13	✳▽ ≈ 1500 Z
Set 9 °F	Char. GUSTY	Corr. 29.01	RAMOS DATA N/A
R. H. 77 %	24 hr. Mov. N/A	Sea L. 30.40	
Ppn. Liq. .02 in.	Prev. Dir. N/A	3 hr. Tend. / +2mb	
Ppn. Sol. .2 in.	Snow Depth 3 in.	Observer MPR	

0700	1300	1900
Clds. 2/10 CU	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 20mi	Vis.	Vis.

T_{roof}: 11

$T_{d\,roof}$: 9

$\bar{T}$: 18

DD: 46

Σ DD: 961

Σ PCN (4): 2.14"

Σ PCN (5): 8.2"

Thurs. DEC 31, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 27 °F	Dir. —	Temp. 70	INVERSION CONDITIONS: Smoke in usual low places
Min. 5 °F	Vel. — m.p.h.	Read. 28.93	CLOUDS MAINLY ALTOSTRATUS, VRY THN IN SPOTS
Set 7 °F	Char. CALM	Corr. 28.81	SPECTACULAR SUNRISE
R. H. 87 %	24 hr. Mov. NA	Sea L. 30.27	
Ppn. Liq. 0 in.	Prev. Dir. NW	3 hr. Tend. -2.0mb \	
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer JHM	

0700	1300	1900
Clds. 8/10	Clds.	Clds.
Wx BKN	Wx	Wx
Vis. 15 mi.	Vis.	Vis.

$T_{ROOF} = 12$ $T_{d\,(MIN)} = 4$

$\overline{T} = 16$

$DD = 49$

$\Sigma_{DD} = 1010$

$\Sigma_{PCN(L)} = 2.14"$

$\Sigma_{PCN(S)} = 8.2"$