Tues., Sept. 1, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. W	Temp. 65°F			
Min. 50 °F	Vel. 6 m.p.h.	Read. 28.77			
Set 53 °F	Char. Variable 4-8 mph	Corr. 28.66	Ramos overnight low = 52°F		
			0700	1300	1900
R. H. 88 %	24 hr. Mov. NA	Sea L. 30.00	Clds. 8 Ci 10 Cu	Clds.	Clds.
Ppn. Liq. 0.11 in.	Prev. Dir. NA	3 hr. Tend. +1.1 mb	Wx ∞	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JPH	Vis. 15 mi	Vis.	Vis.

$\bar{T} = 64$

$H_{00} = 1$

$\Sigma H_{00} = 1$

$\Sigma pcn = 0.11"$

$T_{roof} = 56°F$

$T_w = 54°F$

$T_d = 52.5°F$

$T_{Transos} = 50°F$

WED. SEPT. 2, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. SW	Temp. 64	Ci NORTH		
Min. 47 °F	Vel. 6 m.p.h.	Read. 28.76			
Set 51 °F	Char. G 10	Corr. 28.65			
			0700	1300	1900
R. H. [redacted] %	24 hr. Mov. 107 mi.	Sea L. 29.98	Clds. 1/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0.5 mb	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 30 mi.	Vis.	Vis.

$T_{ROOF} = 56$ $T_W = 51$ $T_d = 47$

$T_{d(RAMOS)} = 44$

$\bar{T} = 58$

$H_{DD} = 7$

$\Sigma_{DD} = 8$

$\Sigma_{PCN} = 0.11"$

THURS. SEPT. 3, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. —	Temp. 64	PEA SOUP !
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.95	
Set 47 °F	Char. CALM	Corr. 28.84	
R. H. 96 %	24 hr. Mov. 67 mi.	Sea L. 30.20	
Ppn. Liq. T in.	Prev. Dir. SSW	3 hr. Tend. +2.0 mb/	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. X	Clds.	Clds.
Wx =	Wx	Wx
Vis. 1/16 mi.	Vis.	Vis.

$T_{roof} = 49.5$ $T_w = 49$ $T_d = 48.5$

$T_{d(rnmos)} = 47$

$\bar{T} = 59$

$H_{DD} = 6$

$\varepsilon_{DD} = 14$

$\varepsilon_{RN} = 0.11$ "

FRI. SEPT 4, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. NE	Temp. 64°	Deep Valley Fog East		
Min. 47 °F	Vel. 3 m.p.h.	Read. 29.08			
Set 48 °F	Char. light	Corr. 28.97			
R. H. 90 %	24 hr. Mov. 35.4 mi	Sea L. 30.34	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +1.5mb	Clds. 9/10 SC	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Wx BKN	Wx	Wx
			Vis. 15mi	Vis.	Vis.

$T_{roof} = 50°$ $T_W = 48$ $Td = 47°$

$Td_{(RAMOS)} = 45°$

$T = 59°$

$H_{DD} = 6$

$\Sigma_{DD} = 20$

$\Sigma_{pen} = 0.12$

Sat., Sept 5, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. E	Temp. 64°F	Where's my camera — HALO		
Min. 48 °F	Vel. 3 m.p.h.	Read. 29.04			
Set 51 °F	Char. Steady	Corr. 28.93	Ramos Overnight Low - 53°F		
			0700	1300	1900
R. H. 82 %	24 hr. Mov. 66.9 mi	Sea L. 30.29	Clds. 10/10 Ci	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +0.9 mb	Wx ∞	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JPH	Vis. 17 mi	Vis.	Vis.

$\bar{T} = 61^\circ F$

$H_{DD} = 4$

$\Sigma H_{DD} = 24$

$\Sigma p_{cp} = 0.11''$

$T_{roof} = 55^\circ F$

$T_w = 52^\circ F$

$T_d = 49.5^\circ F$

$T_{d\,ramos} = 47^\circ F$

SUN, Sept. 6, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. ENE	Temp. 65	RB ~ MIDNIGHT.
Min. 51 °F	Vel. 4 m.p.h.	Read. 28.93	
Set 54 °F	Char. UNSTDY.	Corr. 29.02	
R. H. 93 %	24 hr. Mov. 59	Sea L. 30.17	
Ppn. Liq. .26 in.	Prev. Dir. SSE	3 hr. Tend. -.06	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx R-/F	Wx	Wx
Vis. 1½-2	Vis.	Vis.

$T_{ROOF} = 56$ $T_w = 55$ $T_d = 54$

$T_{d(RAMS)} = 53$

$\bar{T} = 59$

$H_{DD} = 6$

$\Sigma_{DD} = 30$

$\Sigma_{PCW} = 0.37''$

Mon, Sept. 7, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SW	Temp. 66			
Min. 54 °F	Vel. 2 m.p.h.	Read. 28.03	RAMOS OVERNT LOW = 60		
Set 60 °F	Char. STDY	Corr. 28.72	0700	1300	1900
R. H. 93 %	24 hr. Mov. 17	Sea L. 30.03	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .17 in.	Prev. Dir. ESE	3 hr. Tend. STDY	Wx Fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. ~2	Vis.	Vis.

$T_{roof} = 63$ $T_w = 62$ $T_d = 61$

$T_{d\ (from\ ox)} = 60$

$\bar{T} = 59$

$H_w = 6$

$\varepsilon_w = 36$

$\varepsilon_{PCW} = .54$

Tues., Sept. 8, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 70.°F	Dir. E	Temp. 68°F			
Min. 60.°F	Vel. 6 m.p.h.	Read. 28.67			
Set 66°F	Char. Steady	Corr. 28.55	Ramos Overnight Low = 67°F		
			0700	1300	1900
R. H. 90%	24 hr. Mov. 33.2 mi	Sea L. 29.85	Clds. 10 Str. 10 Str cu.	Clds.	Clds.
Ppn. Liq. 0.26 in.	Prev. Dir. S	3 hr. Tend. -0.6mb L	Wx •• / ≡	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer VPH	Vis. 1 mi	Vis.	Vis.

$\bar{T} = 65$

$H_{90} = 0$

$\Sigma H_{90} = 36$

$\Sigma pcn = 0.80''$

$T_{roof} = 69$

$T_w = 67$

$T_d = 66$

$T_{d\ rooms} = 65$

WED. SEPT. 9, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. W	Temp. 64°			
Min. 63 °F	Vel. 10 m.p.h.	Read. 28.64	Clouds abound all around!		
Set 65 °F	Char, turning northward	Corr. 28.53	0700	1300	1900
R. H. 93 %	24 hr. Mov. 56.1 mi	Sea L. 29.82	Clds. 5/10 SCu	Clds.	Clds.
Ppn. .18 Liq. in.	Prev. Dir. ENE	3 hr. Tend. +1.5 mb	Wx BKN	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer SAM	Vis. 12 mi	Vis.	Vis.

$\bar{T} = 69°F$

$H_{oo} = 0$

$\Sigma H_{oo} = 36$

$\Sigma_{pcn} = 0.98"$

$T_{roof} = 69°$

$T_w = 65°$

$T_d = 67°$

$T_{d_{approx}} = 62°$

THURS, SEPT-10, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. —	Temp. 66	CLEAR WEST; FOG EAST.		
Min. 52 °F	Vel. CALM m.p.h.	Read. 28.82			
Set 54 °F	Char. —	Corr. 28.71			
			0700	1300	1
R. H. 90 %	24 hr. Mov. 73	Sea L. 30.06	Clds. 3/10 Ci	Clds. 7/10 Ci	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +2.0mb	Wx Fog E-	Wx HAZY	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK.	Vis. 3-5 mi	Vis. ~10 mi	Vis.

$T_{ROOF} = 58°$ $T_W = 56$ $T_d = 55$

$T_{d(TANKS)} = 55$

$\bar{T} = 64$

$HDD = 1$

$\Sigma HDD = 37$

$\Sigma P_{EN} = .98"$

FRI. SEPT. 11, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. NE	Temp. 66°	Sky obscured Fog lifting.		
Min. 54 °F	Vel. 6 m.p.h.	Read. 28.84			
Set 55 °F	Char. Steady	Corr. 28.73	0700	1300	1900
R. H. 97 %	24 hr. Mov. 21.2 mi	Sea L. 30.08	Clds. OBS X	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NE	3 hr. Tend. +0.5mb	Wx X	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Vis. 1 mi	Vis.	Vis.

$\overline{T} = 66°$

HDD = 0

ΣHDD = 37

$\Sigma_{pcn} = .98"$

$T_{roof} = 58°$

$T_w = 57°$

$T_d = 57°$

$T_{d\,ramos} = 54°$

SAT., SEPT. 12, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. —	Temp. 70° F	BINOVC Ridge Obscured S : E
Min. 55 °F	Vel. 0 m.p.h.	Read. ~~28~~.78	
Set 65 °F	Char. CALM	Corr. 28.66	Ramos Overnight Low – 65° F

	0700	1300	1900
R. H. 86 %	Clds. 10 Str / 10 Str. Cu	Clds.	Clds.
Ppn. Liq. 0.43" in.	Prev. Dir. S	3 hr. Tend. 0.0 ↘	Wx CLDY	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer VPH	Vis. 8 mi	Vis.	Vis.

$\bar{T} = 67°F$

$H_{DD} = 0$

$\Sigma H_{DD} = 37$

$\Sigma p_{cn} = 1.41"$

$T_{roof} = 69°F$

$T_w = 66°F$

$T_g = 64.5°F$

$T_{d\,ramos} = 63°F$

SUN, SEPT - 13, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SW	Temp. 68			
Min. 65 °F	Vel. 6 m.p.h.	Read. 28.78			
Set 66 °F	Char. STDY	Corr. 28.66	CAMOS OBN. LOW: 67°		
R. H. 96 %	24 hr. Mov. 55.6	Sea L. 29.96	0700	1300	1900
Ppn. Liq. 0.16" in.	Prev. Dir. SE	3 hr. Tend. +.05	Clds. 10/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GR	Wx L/Fog.	Wx	Wx
			Vis. 2-3 mi	Vis.	Vis.

$\bar{T} = 68$

$H_{DD} = 0$

$\Sigma H_{DD} = 37$

$\Sigma P_{cn} = 1.57$

$T_{room} = 68°$

$T_w = 67°$

$T_d = 66.5$

$T_{d\ (rams)} = 65.5$

MON. SEPT. 14, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. —	Temp. 68	Ci SOUTH PATCHY VALLEY FOG E+SE HAZY
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.78	
Set 55 °F	Char. CALM	Corr. 28.67	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx CLR	Wx	Wx
Vis. 12 mi.	Vis.	Vis.

R. H. 84 %	24 hr. Mov. 48 mi.	Sea L. 30.00	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +1.5mb /	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

$T_{ROOF} = 61$ $T_W = 58$ $T_d = 56$

$T_{d(RAMOS)} = 54$

$\bar{T} = 67$

$H_{DD} = 0$

$\Sigma_{DD} = 37$

$\Sigma_{PEN} = 1.57$

Tues., Sept. 15, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 76 °F	Dir. E	Temp. 68°F	Ci West Low lying fog east
Min. 49 °F	Vel. 2 m.p.h.	Read. 28.88	
Set 50 °F	Char. light	Corr. 28.66	Ramos Overnight low = 51°F
R. H. 96 %	24 hr. Mov. 53.3	Sea L. 30.01	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0.8 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HPA	

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

$\bar{T} = 65$

$H_{DD} = 0$

$\Sigma H_{DD} = 37$

$\Sigma_{pcn} = 1.57"$

$T_{roof} = 53°F$

$T_w = 51°F$

$T_d = 49.5°F$

$T_{d\,ravnos} = 48°F$

WED. SEPT. 16, 1987 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. NE	Temp. 69°			
Min. 50 °F	Vel. 4 m.p.h.	Read. 28.80"	Ramos avrnt low: 57		
Set 56 °F	Char. Steady	Corr. 28.68"	Dense Fog, Folks.		
			0700	1300	1900
R. H. 100 %	24 hr. Mov. 17.4 mi	Sea L. 30.01"	Clds. OBSC	Clds.	Clds.
Ppn. .15 Liq. in.	Prev. Dir. NNW	3 hr. Tend. +0.5mb	Wx FOG	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer SAM	Vis. 200ft.	Vis.	Vis.

$\overline{T} = 61°$

$T_{roof} = 59°$

$HDD = 4$

$T_w = 59°$

$\Sigma_{HDD} = 41$

$T_d = 59°$

$\Sigma_{PCN} = 1.72"$

$T_{dramos} = 57°$

THURS, SEP. 17, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. —	Temp. 68	INTERMITTENT R- STARTING C 1630, 16TH TRW C 0500 17TH. DENSE FOG! REC HALL HIDDEN!
Min. 56 °F	Vel. CALM m.p.h.	Read. 28.72	
Set 62 °F	Char. —	Corr. 28.61	
R. H. 95 %	24 hr. Mov. N/A	Sea L. 29.92	
Ppn. .11 Liq. in.	Prev. Dir. N/A	3 hr. Tend. STDY	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer GK	

0700	1300	1900
Clds. OBSC.	Clds.	Clds.
Wx RAIN/FOG	Wx	Wx
Vis. 200 FT.	Vis.	Vis.

$\bar{T} = 64$

$H_{00} = 1$

$\Sigma_{1100} = 42$

$\Sigma_{pcn} = 1.83$ "

$T_{roof} = 65$

$T_w = 64$

$T_d = 63.5$?

$T_{d\,(rain\,off)} = N/A$

FRI. SEP. 18, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. SW	Temp. 68°	Several TRWs on 17th c. 1300, 1530, 1700, and FQT cells c 2000 – 2300 FQT LICCCG Clouds departing rapidly.
Min. 59 °F	Vel. 2 m.p.h.	Read. 28.43	
Set 60 °F	Char. refreshing!	Corr. 28.31	
R. H. 97 %	24 hr. Mov. NA	Sea L. 29.60	
Ppn. Liq. 0.66 in.	Prev. Dir. NA	3 hr. Tend. +0.5mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	

0700	1300	1900
Clds. 4/10 SCu	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 15 mi	Vis.	Vis.

$T = 68°$

$H_{DD} = 0$

$\Sigma H_{DD} = 42$

$\Sigma pcn = 2.49"$

$T_{roof} = 64°$

$T_W = 63°$

$T_d = 63°$

$T_{d_{RAMOS}} = NA$

SAT, SEPT. 19, 1927 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. E	Temp. 68°F	CIG RGD OVER RIDGE – TOP OF RIDGE OBSCURED
Min. 52 °F	Vel. 8 m.p.h.	Read. 28.66	
Set 53 °F	Char. VAR SSE→NE 4-12 mph	Corr. 28.54	Rain during night low = 54°F
R. H. 93 %	24 hr. Mov. 73.5 mi	Sea L. 29.88	
Ppn. Liq. 0.10 in.	Prev. Dir. E	3 hr. Tend. +1.5 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HPH	

0700	1300	1900
Clds. 10 Str 10 Str Cu	Clds.	Clds.
Wx F–	Wx	Wx
Vis. 4 mi	Vis.	Vis.

$\bar{T} = 62$

$H_{DD} = 3$

$\Sigma H_{DD} = 45$

$\Sigma pcn = 2.59"$

$T_{roof} = 56°F$

$T_w = 55°F$

$T_d = 54°F$

$T_{dramos} = 52°F$

SUN, Sept. 20, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. SE	Temp. 66			
Min. 53 °F	Vel. 2 m.p.h.	Read. 28.78			
Set 54 °F	Char. STDY	Corr. 28.67	RAMOS OVN. LOW: 54°		
			0700	1300	1900
R. H. 90 %	24 hr. Mov. 36.5	Sea L. 30.01	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .13 in.	Prev. Dir. E	3 hr. Tend. -1.0mb	Wx OVC.	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 12 mi.	Vis.	Vis.

$T = 55$

$H_{DD} = 10$

$\Sigma_{HDD} = 55$

$\Sigma_{PCP} = 2.72''$

$T_{max} = 58$

$T_W = 56$

$T_d = 55$

$T_{d(RAND)} = 53$

MON. SEPT. 21, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. SSW	Temp. 67			
Min. 53 °F	Vel. 3 m.p.h.	Read. 28.69			
Set ~~56~~ °F	Char. STDY	Corr. ~~28.58~~			
			0700	1300	1900
R. H. 91 %	24 hr. Mov. 31 mi.	Sea L. 29.91	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. +1.0mb	Wx OVC, F	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 1-2 mi.	Vis.	Vis.

$T_{roof} = 59$ $T_w = 57.5$ $T_d = 56.5$

$T_{d\ manos} = 55$

$\bar{T} = 58$

$H_{DD} = 7$

$\Sigma_{DD} = 62$

$\Sigma_{pcN} = 2.72''$

TUES. SEPT. 22, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. —	Temp. 67	RW- Ca. 1600 LT 21ST Ca 0400 LT 22ND FOG IN USUAL LOW PLACES ALTOCU OVHD CU CONGESTUS SE
Min. 49 °F	Vel. 0 m.p.h.	Read. 28.70	
Set 50 °F	Char. CALM	Corr. 28.59	
R. H. 90 %	24 hr. Mov. 40 mi.	Sea L. 29.93	
Ppn. .07 in. Liq.	Prev. Dir. SSW	3 hr. Tend. STDY	
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 5/10	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 25 mi.	Vis.	Vis.

$T_{roof} = 53$ $T_w = 515$ $T_2 = 50$

$T_{2(rooms)} = 48$

$\bar{T} = 61$

$H_{DD} = 4$

$\Sigma_{DD} = 66$

$\Sigma_{PEN} = 2.79"$

WED. SEPT. 23, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SW	Temp. 28.67	FOG* LIFTING RAPIDLY R ca. 1200-1230 LT, 22ND small hail, FQT LTGCG * valley FOG		
Min. 47 °F	Vel. 8 m.p.h.	Read. 69 ↕			
Set 49 °F	Char. STDY	Corr. 28.55	0700	1300	1900
R. H. 88 %	24 hr. Mov. 49 mi.	Sea L. 29.90	Clds. 8/10	Clds.	Clds.
Ppn. Liq. 0.26 in.	Prev. Dir. SW	3 hr. Tend. STDY	Wx BKN	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 8-10. mi.	Vis.	Vis.

$T_{roof} = 53$ $T_w = 51$ $T_d = 49$

$T_{d(range)} = 47$

$\bar{T} = 55$

$H_{DD} = 10$

$\Sigma_{DD} = 76$

$\Sigma_{pcw} = 3.05''$

THURS, Sept. 24, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. SSW	Temp. 70	STR-CU over MTS; CLEAR elsWHere.		
Min. 49 °F	Vel. 8 m.p.h.	Read. 28.61			
Set 54 °F	Char. STDY	Corr. 28.59	RAMOS 24HR. LOW: 55°		
R. H. 84 %	24 hr. Mov. 132	Sea L. 29.92	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. STDY	Clds. 2/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GR	Wx SCT.	Wx	Wx
			Vis. 15mi	Vis.	Vis.

$\bar{T} = 57$

$H_{DD} = 8$

$\Sigma H_{DD} = 84$

$\Sigma_{pcn} = 3.05''$

$T_{ROOF} = 57$

$T_W = 54$

$T_d = 52$

$T_{d\,(RANGE)} = 48$

Fri. Sept 25, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. W	Temp. 66°	Amazingly the sky is clear!
Min. 40 °F	Vel. 6 m.p.h.	Read. 28.71"	
Set 41 °F	Char. Steady	Corr. 28.60"	The rain bucket was quite chilly
R. H. 97 %	24 hr. Mov. 103.8 mi	Sea L. 29.91"	
Ppn. Liq. 0.04 in.	Prev. Dir. W	3 hr. Tend. +1.0mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	

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

$\bar{T} = 56$

$H_{DD} = 9$

$\Sigma H_{DD} = 93$

$\Sigma_{pcn} = 3.09''$

$T_{roof} = 45°$

$T_d = 44°$ $T_{d_{romos}} = 40°$

$T_{*_W} = 44°$

SAT., SEPT. 26, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. SW	Temp. 69°F	Lowlying fog along ridge		
Min. 38 °F	Vel. 4 m.p.h.	Read. 28.85			
Set 39 °F	Char. light	Corr. 28.73			
			0700	1300	1900
R. H. 86 %	24 hr. Mov. 98.5mi	Sea L. 30.11	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0.5mb	Wx ∞-	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JPH	Vis. 25 mi	Vis.	Vis.

$\overline{T} = 50$

$DD = 15$

$\Sigma_{DD} = 108$

$\Sigma_{PCN} = 3.0$?"

$T_{roof} = 43°F$

$T_w = 41°F$

$T_d = 39°F$

$T_{d\,rooms} = 38°F$

SUN, SEPT 27, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 69 °F	Dir. E	Temp. 68	LOW LYING FOG ALONG RIDGE
Min. 39 °F	Vel. 2 m.p.h.	Read. 29.07	
Set 46 °F	Char. STDY	Corr. 28.96	RAIN SUN LOW: 47
R. H. 80 %	24 hr. Mov. 90	Sea L. 30.20	
Ppn. Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. +1.5mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GR.	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx CIR	Wx	Wx
Vis. 25mi	Vis.	Vis.

$\bar{T} = 54$

$H_{DD} = 10$

$\Sigma_{HDD} = 118$

$\Sigma P_{RN} = 3,09''$

$T_{roof} = 51$

$T_w = 48$

$T_d = 45$

$T_{d(RAND)} = 44$

MON. SEPT. 28, 1987 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SW	Temp. 68°F	7-Up Day! Crisp, Clear, No Caffeine		
Min. 46 °F	Vel. 2 m.p.h.	Read. 29.10"			
Set 49 °F	Char. Very light	Corr. 28.98"	Ramos low → 49°		
			0700	1300	1900
R. H. 93 %	24 hr. Mov. 54.4 mi	Sea L. 30.30"	Clds. 00/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SSW	3 hr. Tend. +1.0mb	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SAM	Vis. 25 mi	Vis.	Vis.

$\bar{T} = 63$

$HDD = 2$

$\Sigma_{HDD} = 120$

$\Sigma_{pcn} = 3.09"$

$T_{roof} = 53°$

$T_W = 51°$

$T_D = 52°$

$T_{DRAMOS} = 48°$

Tues., Sept. 29, 1987

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp. 68°F	Big time cirrus west		
Min. 49 °F	Vel. 0 m.p.h.	Read. 28.83			
Set 55 °F	Char. Calm	Corr. 28.71	Ramos Overnight low = 57°F		
R. H. 78 %	24 hr. Mov. 65.8mi.	Sea L. 30.05	0700 Clds. 4/10 Ci	1300 Clds.	1900 Clds.
Ppn. 0 Liq. in.	Prev. Dir. S	3 hr. Tend. -1.0mb\	Wx F	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JPH	Vis. 7 mi.	Vis.	Vis.

$\bar{T} = 65$

$H_{DD} = 0$

$\Sigma H_{DD} = 120$

$\Sigma pcn = 3.09"$

$T_{roof} = 61°F$

$T_w = 57°F$

$T_d = 54°F$

$T_{drains} = 52°F$

WED. SEP. 30, 1987 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. W	Temp. 68°	line of Cu to west
Min. 55 °F	Vel. 10 m.p.h.	Read. 28.43"	TRW+ ~ 2200 LT, 29th RW+ ~ 0500 LT, 30th
Set 56 °F	Char. Steady	Corr. 28.31"	Ramos low = 57°F
R. H. 97 %	24 hr. Mov. 123.5 mi	Sea L. 29.62"	
Ppn. 0.70 in. Liq.	Prev. Dir. S	3 hr. Tend. Steady	
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer SAM	

0700	1300	1900
Clds. 1/10 Stcu.	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 25 mi	Vis.	Vis.

$\overline{T} = 67$

$H_{DD} = 0$

$\Sigma H_{DD} = 120$

$\Sigma pcn = 3.79"$

$T_{roof} = 59°F$

$T_w = 57°F$

$T_{dl} = 58°F$

$T_{d\ ramos} = 53°F$