FRI, SEPT. 1, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SW	Temp. 69°	VIS. GREATER TO EAST TEENY BREAK IN STRATUS DECK STRAIGHT EAST
Min. 62 °F	Vel. 5 m.p.h.	Read. 28.66	
Set 70 °F	Char. VARIABLE	Corr. 28.54	RAINED ONLY 1.0:66 @ 0400LT
R. H. 68 %	24 hr. Mov. 81.8 mi	Sea L. 29.83	
Ppn. — Liq. in.	Prev. Dir. W	3 hr. Tend. -1.0	
Ppn. — Sol. in.	Snow Depth — in.	Observer MJL	

	0700	1300	1900
Clds.	St, Sc 1%10	Clds.	Clds.
Wx	OVC	Wx	Wx
Vis.	12v.20	Vis.	Vis.

$T_{ROOF} = 70$ $T_w = 63$ $T_o = 59$ $T_{DOWN} = 56$

$\bar{T} = 72$

$CDD = 7$ $HDD = 0$

$\Sigma_{CDD} = 7$ $\Sigma_{HDD} = 0$

$\Sigma_{PCN} : 0$

SAT. SEP 2 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. WNW	Temp. 70°	• IT WAS IN THE 60's THE MAJORITY OF THE day - 75 WAS REACHED only 1hr. AFT.		
Min. 64 °F	Vel. 5 m.p.h.	Read. 28.71	• RW ~ 1000 - 1400 LT (OC. TRW + LR CC, CB)		
Set 66 °F	Char. VAR. DIRECTION	Corr. 28.59	• RAMOS: 74, 66 (63 PREV A.M.)		
			0700	1300	1900
R. H. 84 %	24 hr. Mov. 100 mi.	Sea L. 29.90	Clds. CUM. 8/10 AMOUNT.	Clds.	Clds.
Ppn. .68 Liq. in.	Prev. Dir. SW	3 hr. Tend. +3 /	Wx • CLOUDY	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JCK	Vis. 15 mi.	Vis.	Vis.

$T_{roof} = 66$ $\quad F = 70$ $\quad \Sigma P_{ppn.} = .68"$

$T_w = 63$ $\quad HDD = 0$

$T_L = 61$ $\quad \Sigma HDD = 0$

$CDD = 5$

$\Sigma CDD = 12$

SUN. SEPT. 3, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. N	Temp. 67°	A FEW STRATOCU N TO E
Min. 47 °F	Vel. — m.p.h.	Read. 29.01	FOG AT NITTANY & TUSSEY RIDGE BASES (LESS VIS EAST)
Set 49 °F	Char. CALM	Corr. 28.89	RAMOS OVNT 40:0700 ET
R. H. 85 %	24 hr. Mov. 41.5 mi	Sea L. 30.26	
Ppn. Liq. — in.	Prev. Dir. N	3 hr. Tend. +2.0 /	
Ppn. Sol. — in.	Snow Depth — in.	Observer MJL	

0700	1300	1900
Clds. Sc 1/10	Clds.	Clds.
Wx MSTLY. CLEAR	Wx	Wx
Vis. 12 x 20	Vis.	Vis.

$T_{ROOF} = 53$ $T_{\omega} = 50.5$ $T_{D} = 48.5$ $T_{DUNN} = 45$

$\bar{T} = 60$

$CDD = 8$ $HDD = 6$

$\Sigma_{CDD} = 17$ $\Sigma_{HDD} = 9$

$\Sigma_{PCN} : .68''$

MON, SEPT 4, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. NE	Temp. 67°	LT. FOG AT MT. NITTANY BASE
Min. 48 °F	Vel. 3 m.p.h.	Read. 29.13	
Set 50 °F	Char. VARIABLE	Corr. 29.01	RAMOS OVNT LD: 49 C.0700LT

	0700	1300	1900
R. H. 80 % / 24 hr. Mov. 25.9 mi / Sea L. 30.38	Clds. 5/10 Ci	Clds.	Clds.
Ppn. — Liq. in. / Prev. Dir. N / 3 hr. Tend. +1.0 /	Wx PTLY CLOUDY	Wx	Wx
Ppn. — Sol. in. / Snow Depth — in. / Observer MJL	Vis. 20 mi	Vis.	Vis.

$T_{ROOF} = 54$ $T_{\omega} = 51$ $T_{D} = 48$ $T_{D_{UNV}} = 42$

$\overline{T} = 61$

$CDD = 4$ $HDD = 0$

$\Sigma_{CDD} = 21$ $\Sigma_{HDD} = 0$

$\Sigma_{PCN} : .68''$

Meteorological
University Park, Pa.

Tuesday, Sept. 5, 1989 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. E	Temp. 66	A copacetic morning. Mackerel sky at sunrise
Min. 50 °F	Vel. 5 m.p.h.	Read. 29.22	
Set 55 °F	Char. Steady	Corr. 29.11	Rain over 60: 53
R. H. 83 %	24 hr. Mov. 122.8	Sea L. 30.47	
Ppn. Liq. 0 in.	Prev. Dir. ESE	3 hr. Tend. / +1.0 mb	
Ppn. Sol. - in.	Snow Depth - in.	Observer ESP	

0700	1300	1900
Clds. 9/10 Cc	Clds.	Clds.
Wx -BKN	Wx	Wx
Vis. 2.0 mi	Vis.	Vis.

T_{roof} : 55

T_{wall} : 52

T_{Δ} : 50

$T_{\Delta\ wall}$: 46 $T_{\Delta\ Attic}$: 35 !!??

$\bar{T}$: ~~48~~ 63

CDD : ~~0~~ 0

ECDD : ~~34~~ 21

H_{DD} : 0 2

ΣH_{DD} : 0 2

Σ_{pcm} : .6g/

Wed. Sept 6 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp. 66°			
Min. 55 °F	Vel. 0 m.p.h.	Read. 29.01			
Set 57 °F	Char. CALM	Corr. 28.90	Ramos: 68, 54		
R. H. 78 %	24 hr. Mov. 61 mi.	Sea L. 30.24	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. ±0 —	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Wx . OVC	Wx	Wx
			Vis. 4 mi.	Vis.	Vis.

$T_{Roof} = 61$ $\quad \bar{T} = 65$ $\quad \Sigma P_{CN.} = .68"$

$T_w = 57$ $\quad HDD = 0$

$T_d = 54$ $\quad \Sigma HDD = 0$

$CDD = 0$

$\Sigma CDD = 24$

Meteorological Observatory
University Park, Pa.

Thurs. Sept. 7, 1989 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. —	Temp. 67	Fog all Quads (F4)
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.99	
Set 60 °F	Char. Calm	Corr. 28.88	Rainfall Overnight: 57
R. H. 84 %	24 hr. Mov. 48.3 mi	Sea L. 30.22	
Ppn. Liq. 0 in.	Prev. Dir. SSE	3 hr. Tend. ^ +0.1mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer ESP	

0700	1300	1900
Clds. Fog 5/10 AC	Clds.	Clds.
Wx -X SCT	Wx	Wx
Vis. 1 1/2 mi	Vis.	Vis.

T_{roof} : 60

T_{wr} : 57

T_0 : 55

T_{rooms} : 43

T_{wall} :

$\bar{T}$: 66

H_{00} : 0

ϵH_{00} : 0

C_{00} : 1

$S c_{00}$: 25

Σpcn : .69"

FRI, SEPT. 8, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. SW	Temp. 67°	RW-- ~1845 LT, 7TH RW- 0620~0700 LT, 8TH
Min. 60 °F	Vel. 4 m.p.h.	Read. 28.81	
Set 66 °F	Char. STEADY	Corr. 28.70	RAMOS OVNT LO: 64 C.0430 LT
R. H. 81 %	24 hr. Mov. 53.7 mi	Sea L. 30.01	
Ppn. T Liq. in.	Prev. Dir. SSW	3 hr. Tend. +.5 /	
Ppn. — Sol. in.	Snow Depth — in.	Observer MJL	

0700	1300	1900
Clds. Cs, St 10/10	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 6 H	Vis.	Vis.

$T_{ROOF} = 65$ $T_{\omega} = 61$ $T_{D} = 59$ $T_{D_{UNV}} = 57$

$\bar{T} = 66$

$HDD = 0$ $CDD = 1$

$\Sigma_{HDD} = 0$ $\Sigma_{CDD} = 26$

$\Sigma_{PCN} : .68''$

SAT. SEP 9 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp. 68°			
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.73			
Set 66 °F	Char. CALM	Corr. 28.61	• Ramos: 77, 63		
			0700	1300	1900
R. H. 97 %	24 hr. Mov. 53 mi.	Sea L. 29.92	Clds. X	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SSW	3 hr. Tend. + ½ —	Wx • Fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 100yds.	Vis.	Vis.

$T_{roof} = 65$ $\bar{T} = 72$ $\Sigma P_{CN.} = .68"$

$T_w = 64$ $HDD = 0$

$T_d = 64$ $\Sigma HDD = 0$

$CDD = 7$

$\Sigma CDD = 33$

SUN SEPT 10, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 86 °F	Dir. SW	Temp. 68°	FOG ENSHROUDS MTN BASES TO E, SE
Min. 66 °F	Vel. — m.p.h.	Read. 28.67	
Set 69 °F	Char. CALM	Corr. 28.55	RAMOS OVNT LO: 67 C.0900 LT
R. H. 81 %	24 hr. Mov. 69.3 mi	Sea L. 29.86	
Ppn. Liq. — in.	Prev. Dir. SW	3 hr. Tend. +.8 —	
Ppn. Sol. — in.	Snow Depth — in.	Observer MJL	

0700	1300	1900
Clds. - X	Clds.	Clds.
Wx HAZY	Wx	Wx
Vis. 6H v. 3F	Vis.	Vis.

$T_{ROOF} = 70$ $T_W = 66$ $T_O = 64$ $T_{O_{UNV}} = 62$

$\bar{T} = 74$

CDD = 9 HDD = 0

$\Sigma_{CDD} = 33$ $\Sigma_{HDD} = 0$

$\Sigma_{PCN} : .68"$

MON SEPT 11, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 88 °F	Dir. N	Temp. 68°	T 1845 ~ 2015 LT
Min. 69 °F	Vel. 5 m.p.h.	Read. 28.77	TRW, TRW + 1930 - 2000 LT
Set 69 °F	Char. STEADY	Corr. 28.65	MOVD S→NE FQT LTGICCCCG
R. H. 95 %	24 hr. Mov. 73.6 mi	Sea L. 29.95	PERIODS OF RW-, L-, L--
Ppn. Liq. .34 in.	Prev. Dir. SW	3 hr. Tend. +1.5	2100 - 0800 LT
Ppn. Sol. — in.	Snow Depth — in.	Observer MJL	

0700	1300	1900
Clds. St, Ns 10/10	Clds.	Clds.
Wx L--	Wx	Wx
Vis. 1 mi	Vis.	Vis.

$T_{ROOF} = 67$ $T_w = 66$ $T_D = 65.5$ $T_{D_{UNV}} = 62$

$\bar{T} = 78$

$CDD = 13$ $HDD = 0$

$\Sigma_{CDD} = 46$ $\Sigma_{HDD} = 0$

$\Sigma_{PCN} : 1.02''$

Precip. Amounts in region varied S to N; unofficial reports of > 1" Boalsburg, < 0.1" Strawstown

Tuesday. Sept 12, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. N	Temp. 68	Dense fog all quads SFC Visby : 1/2 mi WOXOF at UNV Rames Count 40: 57
Min. 59 °F	Vel. (E) 2 m.p.h.	Read. 28.96	
Set 59 °F	Char. Nearly calm - variable	Corr. 28.84	
R. H. 100 %	24 hr. Mov. 33.5	Sea L. 30.28	
Ppn. .01 Liq. in.	Prev. Dir. N	3 hr. Tend. ↓ +1.0 mb	
Ppn. - Sol. in.	Snow Depth — in.	Observer ESP	

0700	1300	1900
Clds. X	Clds.	Clds.
Wx Fog +	Wx	Wx
Vis. 1/16	Vis.	Vis.

T_{root} : 59

T_{ucr} : 58

T_D : 58

$T_{D\ unu}$: 53

$\bar{T}$: 67

c_{00}: 2

Σc_{00}: 48

$S_{t_{00}}$: 0

Σ pcnl 102"

WED. SEP 13 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NE	Temp. 66°			
Min. 59 °F	Vel. 4 m.p.h.	Read. 28.91			
Set 63 °F	Char. Stdy	Corr. 28.80	-RAMOS: 77, 60		
			0700	1300	1900
R. H. 81 %	24 hr. Mov. 27 mi	Sea L. 30.12	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +½	Wx OVC HAZE/FOG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 2 mi.	Vis.	Vis.

$T_{base} = 63$ $\bar{T} = 68$ $\Sigma P_{CN.} = 1.03$

$T_w = 60$ $HDD = 0$

$T_l = 58$ $\Sigma_{HDD} = 0$

$CDD = 3$

$\Sigma_{CDD} = 51$

Thurs. Sept 14, 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. —	Temp. 69	L-B ~ 0700 LT E ~ 0700 LT Fog all quads (FG) RWU SW mvmt NE
Min. 63 °F	Vel. calm m.p.h.	Read. 28.88	
Set 67 °F	Char. nearly calm (calm)	Corr. 28.76	Rmks: 72, 66
R. H. 82 %	24 hr. Mov. 266 mi	Sea L. 30.07	
Ppn. Liq. T in.	Prev. Dir. SE	3 hr. Tend. \-1.0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer ESP	

0700	1300	1900
Clds. fog 10/10 Ns	Clds.	Clds.
Wx -X FOG	Wx	Wx
Vis. 5/8 mi	Vis.	Vis.

T_{roof}: 67

T_{w}: 63

T_{d}: 61

T_{gm}:

$\bar{T}$: 69

COD: 4

ΣCOD: 55

ΣHDD: 0

Σpcn: 1.03

FRI. SEPT. 15, 1989 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.
Max. 68 °F	Dir. N	Temp. 70°
Min. 58 °F	Vel. 7 m.p.h.	Read. 28.77
Set 59 °F	Char. VARIABLE	Corr. 28.65
R. H. 80 %	24 hr. Mov. 41.1 mi	Sea L. 29.98
Ppn. Liq. .60 in.	Prev. Dir. N	3 hr. Tend. +4.0 ↗ !
Ppn. Sol. — in.	Snow Depth — in.	Observer MJL

General Obs.

OPRESSIVE CIELING - CLOUD BASES JUST SCRAPING RIDGE TOPS
L- 0900 - 1045 LT
RW - 1045 - 1130 LT
OCNL R-, L 1130 - 1700 LT
THICK FOG (w/ VIS < 1/4 mi) 1800 - 2130 LT
RAMAS OVNT LO: 57 c. 0900 LT (over)

	0700	1300	1900
Clds.	St, Sc 10/10		
Wx	OVC PRESRR		
Vis.	20 mi		

$T_{ROOF} = 58.5$ $T_{\omega} = 55.5$ $T_{D} = 53.5$ $T_{D_{UNV}} = 51$

$\bar{T} = 63$

$CDD = 0$ $HDD = 2$

$\Sigma_{CDD} = 55$ $\Sigma_{HDD} = 2$

$\Sigma_{PCW} : 1.63$

GENERAL OBS (CONT'D)

TRW, TRW - 2130-2150CT

RW-, RW 2200-2220CT

RW, OCNL RW+ 2250-2345CT

OCNL R-, RW- OVNT.

SAT. SEP 16 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. ENE	Temp. 72°	• RB ~0330 LT (R--) to (R-)
Min. 58 °F	Vel. 6-12 m.p.h.	Read. 28.88	oc. (R) by 0430 LT
Set 59 °F	Char. variable	Corr. 28.75	B-T mostly (R-)
R. H. 90 %	24 hr. Mov. 47 mi.	Sea L. 30.08	
Ppn. Liq. .15 in.	Prev. Dir. NNE	3 hr. Tend. -½ \	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	

0700	1300	1900
Clds. 10/10 Strato	Clds.	Clds.
Wx. Fog, ove, steady R-	Wx	Wx
Vis. 2 mi.	Vis.	Vis.

$T_{roof} = 59$ $\bar{T} = 62$ $\Sigma P_{CN.} = 1.78"$

$T_w = 57$ $HDD = 3$

$T_d = 56$ $\Sigma HDD = 5$

$CDD = 0$

$\Sigma CDD = 55$

SUN. SEPT, 17, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 61 °F	Dir. WSW	Temp. 71°	FRT. GUSTS TO 9 m.p.h. R, R- 0800-0930 LT RW+ 0930-0945 LT R- 0945-1100 LT L-- 1130-1140 LT OCNL L- 1140-1200 LT ALL NIGHT
Min. 58 °F	Vel. 4 m.p.h.	Read. 28.70	
Set 61 °F	Char. GUSTY!	Corr. 28.58	

	0700	1300	1900
R. H. 87 %	Clds. ST 8/10	Clds.	Clds.
Ppn. .55 in. Liq.	Wx MSTLY CLOUDY	Wx	Wx
Ppn. — in. Sol.	Vis. 15v.5	Vis.	Vis.

Snow Depth — in.

Observer MJL

$T_{ROOF} = 61$ $T_w = 58.5$ $T_0 = 57$ $T_{D_{WW}} = 54$

$\bar{T} = 60$

HDD = 5 CDD = 0

$\Sigma_{HDD} = 10$ $\Sigma_{CDD} = 55$

Σ_{PCW} : 2.33"

MON. SEPT. 18, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 69 °F	Dir. NE	Temp. 70°	VERY SMALL BREAKS IN OVC ALOS		
Min. 57 °F	Vel. 5 m.p.h.	Read. 28.92			
Set 57 °F	Char. STEADY	Corr. 28.80	RAMOS OVNT LO: 56 c.0500-0900		
			0700	1300	1900
R. H. 76 %	24 hr. Mov. 87.1 mi	Sea L. 30.14	Clds. 10/ Sc. 10	Clds.	Clds.
Ppn. — Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0 /	Wx OVC	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer MJL	Vis. 20 mi	Vis.	Vis.

$T_{Rock} = 57.5$ $T_{\omega} = 53$ $T_{D} = 50$ $T_{D_{CNV}} = 47$

$\bar{T} = 63$

HDD = 2 CDD = 0

$\Sigma_{HDD} = 12$ $\Sigma_{CDD} = 55$

$\Sigma_{PCN} = 2.33''$

Tues. Sept 19, 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. E	Temp. 71	RW- 1900-1930 LT
Min. 57 °F	Vel. 6 m.p.h.	Read. 29.09	Lenticular clouds over ridges to S.
Set 59 °F	Char. Steady	Corr. 28.85	Binovc SW
R. H. 68 %	24 hr. Mov. 41.2 mi	Sea L. 30.21	Runway: 64/57
Ppn. .01 Liq. in.	Prev. Dir. NNE	3 hr. Tend. — +0.0 mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer ESP	

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

T_{roof}: 59

T_{wall}: 53

T_0: 49

T_{down}:

$\bar{T}$: 61

H_{00} : 4

ΣH_{00} : 16

$\Sigma \cdot 00$: 55

Σ_{pen} : 2.34

WED SEP 20 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. N	Temp. 70°	* Low clouds obscuring Ridges + Mt. Nittany
Min. 59 °F	Vel. 3 m.p.h.	Read. 28,88	
Set 60 °F	Char. Light	Corr. 28.76	- Ramos: 65 59
R. H. 83 %	24 hr. Mov. 51 mi.	Sea L. 30.09	
Ppn. .01 Liq. in.	Prev. Dir. NNE	3 hr. Tend. +1 /	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JCK	

0700	1300	1900
Clds. 10/10 Stratus	Clds.	Clds.
Wx * OVC	Wx	Wx
Vis. 5 mi	Vis.	Vis.

$T_{ref} = 60$ $\bar{T} = 62$ $\Sigma_{PEN.} = 2.35"$

$T_w = 57$ $HDD = 3$

$T_d = 55$ $\Sigma_{HDD} = 19$

$CDD = 0$

$\Sigma_{ODD} = 55$

Thurs Sept 21, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. —	Temp. 71	Fog all quads L-B ~ 755 LT L- ~ 10:30 - 1100 LT
Min. 60 °F	Vel. Calm m.p.h.	Read. 29.04	
Set 65 °F	Char. Calm	Corr. 28.92	Rcmks: 75/64
R. H. 91 %	24 hr. Mov. 29.6	Sea L. 30.24	
Ppn. T Liq. in.	Prev. Dir. NNE	3 hr. Tend. /+05 mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer ESP	

	0700	1300	1900
Clds.	10/10 Fog St	Clds.	Clds.
Wx	L-F	Wx	Wx
Vis.	1 1/4 mi	Vis.	Vis.

T_{roof}: 64

T_{wall}: 62

T_d: 61

$\bar{T}$: 67

H_{AS}: 0

ΣH_{AS}: 19

C_{DD}: 2

ΣC_{DD}: 57

ΣR_{eff}: 2.35

FRI, SEPT. 22, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. E	Temp. 69°	TROPICAL · THIS MORNING		
Min. 65 °F	Vel. 10 m.p.h.	Read. 28.73	L--- ~0930 - 1030 LT, 21ST		
Set 70 °F	Char. VARIABLE	Corr. 28.61	RAMOS OINT 10:70 C. 0700 LT		
R. H. 76 %	24 hr. Mov. 45.6 mi	Sea L. 29.92	0700	1300	1900
Ppn. T Liq. in.	Prev. Dir. SE	3 hr. Tend. -2.0 \	Clds. Cu. Se 9/10	Clds.	Clds.
Ppn. — Sol. in.	Snow Depth — in.	Observer MJL	Wx MSTLY CLOUDY	Wx	Wx
			Vis. 5H	Vis.	Vis.

$T_{ROOF} = 71$ $T_w = 65.5$ $T_b = 63$ $T_{O_{UNV}} = 61$

$\bar{T} = 72$

$\Sigma_{PEN.} = 2.35"$

$MDD = 0$

$\Sigma_{MDD} = 19$

$CDD = 7$

$\Sigma_{CDD} = 64$

SAT. SEP 23 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.
Max. 78 °F	Dir. W v NW	Temp. 68°
Min. 59 °F	Vel. 2-10 m.p.h.	Read. 28.47
Set 59 °F	Char. variable	Corr. 28.36
R. H. 93 %	24 hr. Mov. N.A.	Sea L. 29.67
Ppn. Liq. .45 in.	Prev. Dir. N.A.	3 hr. Tend. +3
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK

General Obs.

- Lowest Press. ~0030Z 28.50
- Gust 62 mph ~ 2133 LT
- Numerous Gusts to 45 mph OVER→
- Max Sustained 40 mph ~ 2037-39 LT
- Few trees + Power Lines Down.
- RR ~ 0900 LT on 22 [illegible] RW, RW-, R-, R, RW+ (in no order) through obs time. Most in light [illegible]

	0700	1300	1900
Clds.	10/10 Stratus (Low)		
Wx	• OVC • R-		
Vis.	3 mi.		

$T_{Roof} = 57$ $\bar{T} = 69$ $\Sigma Precip. = 2.80$

$T_w = 56$ $HDD = 0$

$T_d = 55$ $\Sigma HDD = 19$

$CDD = 4$

$\Sigma CDD = 68$

* UNOFFICIAL + DISPUTED SIGHTING of FUNNEL CLOUD ~ 1730 LT.

SUN. SEPT. 24, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. NW	Temp. 67°	R 0800-0945LT OCNL R-, Rt
Min. 37 °F	Vel. 2 m.p.h.	Read. 29.04	RW 1000-1010LT
Set 39 °F	Char. VARIABLE	Corr. 28.93	R- 1105 ~ 1200LT
R. H. 84 %	24 hr. Mov. 76.2 mi	Sea L. 30.33	L,L- 1200-1615LT
Ppn. Liq. .36 in.	Prev. Dir. W	3 hr. Tend. +2.2 /	RAMOS OVNT LO: 37 c. 0700LT
Ppn. Sol. — in.	Snow Depth — in.	Observer MJL	

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

$T_{ROOF} = 39$ $T_{W} = 37$ $T_{D} = 34.5$ $T_{D_{UNV}} = 32$

$\bar{T} = 48$

$HDD = 17$ $CDD = 0$

$\Sigma_{HDD} = 85$ $\Sigma_{CDD} = 68$

$\Sigma_{PCN} : 3.16''$

MON. SEPT. 25, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 58 °F	Dir. SSW	Temp. 66°	SKY PARTIALLY OBSCURED DUE TO FOG. VISIBILITY OF ONE MILE FROM W TO NW AREAS OF FROST REPORTED OUTSIDE OF BOROUGH
Min. 36 °F	Vel. — m.p.h.	Read. 29.05	
Set 36 °F	Char. CALM	Corr. 28.94	RAMOS OVNT 40:35 c, 0800 LT
R. H. 90 %	24 hr. Mov. 35 mi.	Sea L. 30.35	
Ppn. — Liq. in.	Prev. Dir. NNW	3 hr. Tend. +.5 /	
Ppn. — Sol. in.	Snow Depth — in.	Observer MJL	

	0700	1300	1900
Clds.	Ci 3/10		
Wx	FOG		
Vis.	1/8 v.1		

$T_{ROOF} = 35.5$ $T_{\omega} = 34.5$ $T_D = 33$ $T_{D_{UNN}} = 32$

$\bar{T} = 47$

$HDD = 18$ $\quad CDD = 0$

$\Sigma_{HDD} = 103$ $\quad \Sigma_{CDD} = 68$

$\Sigma_{PCN} : 3.16''$

Obs. Sept. 26, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. SW	Temp. 70	RV ~330 - 430 LF Pcpn GF NE, SE Visby NE 1mi, SE 2mi
Min. 36 °F	Vel. 3 m.p.h.	Read. 28.78	
Set 52 °F	Char. Light V speed (0-2)	Corr. 28.66	Amos: 57/50
R. H. 88 %	24 hr. Mov. 88.6 mi	Sea L. 30.01	
Ppn. Liq. .01 in.	Prev. Dir. S	3 hr. Tend. 1 -0.2mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer ESP	

0700	1300	1900
Clds. 10/10 AS St	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 7 mi	Vis.	Vis.

T_{roof}: 53

T_{wet}: 50

T_0: 48

T_{emv}: 45

$\bar{T}$: 48

Hdd: 17

ΣH_{eq}: 120

ΣC_{eq}: 68

Span: 3.17"

WED SEP 27 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 61 °F	Dir. —	Temp. 68°	
Min. 38 °F	Vel. 0 m.p.h.	Read. 29.15	
Set 40 °F	Char. CALM	Corr. 29.03	· Ramos: 64, 37
R. H. 70 %	24 hr. Mov. 111 mi.	Sea L. 30.43	
Ppn. Liq. 0 in.	Prev. Dir. NW	3 hr. Tend. +3 /	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	

0700	1300	1900
Clds. ●/10	Clds.	Clds.
Wx · Rain	Wx	Wx
Vis. 30 mi. good	Vis.	Vis.

$T_{Roof} = 41$ $\bar{T} = 50$ $\Sigma_{PRCP.} = 3.17"$

$T_w = 37$ $HDD = 15$

$T_d = 32$ $\Sigma_{HDD} = 135$

$CDD = 0$

$\Sigma_{CDD} = 68$

Thurs. Sept. 28, 1989 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 61 °F	Dir. —	Temp. 65°F	Patchy frost on golf course and cars.
Min. 34 °F	Vel. 0 m.p.h.	Read. 29.24	LF NE-S. Visby ~ 1½ mi grnd.
Set 36 °F	Char. Calm	Corr. 29.13	Thin lyr of Ac SW ~ 500 ft agl
R. H. 78 %	24 hr. Mov. 28.4 mi	Sea L. 30.55	Range: 65/34
Ppn. Liq. 0 in.	Prev. Dir. NNE	3 hr. Tend. ✓ +0.04	
Ppn. Sol. — in.	Snow Depth — in.	Observer ESP	

	0700	1300	1900
Clds.	0/10		
Wx	CLR		
Vis.	20+		

T_{rect} : 36.5

T_{ker} : 34

T_0 : 30

T_0 uw: 33

$\bar{T}$: 48

H_{00}: 17

ΣH_{00}: 152

ΣC_{00}: 68

Σp_{ca} : 3.17^h

FRI. SEPT 29, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. SW	Temp. 70°	CIRRUS FROM SE TO W LIGHT RIDGE BASE FOG
Min. 36 °F	Vel. 10 m.p.h.	Read. 28.83	
Set 48 °F	Char. STEADY	Corr. 28.71	RAMOS OUTLOOK: 45 c.0700LT
R. H. 80 %	24 hr. Mov. 89.9 mi	Sea L. 30.07	
Ppn. — Liq. in.	Prev. Dir. S	3 hr. Tend. +0 ~	
Ppn. — Sol. in.	Snow Depth — in.	Observer MJL	

0700	1300	1900
Clds. Ci 1/10	Clds.	Clds.
Wx CLEAR	Wx	Wx
Vis. 8 mi	Vis.	Vis.

$T_{Roof} = 50$ $T_{\omega} = 47$ $T_{D} = 44$ $T_{D_{WH}} = 45$

$\bar{T} = 52$

HDD = 13 CDD = 0

$\Sigma_{HDD} = 165$ $\Sigma_{CDD} = 68$

$\Sigma_{PCW} : 3.17''$

Sat. Sept 30 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. —	Temp. 72°	• Low line of Haze toward Mt. Nittany
Min. 47 °F	Vel. 0 m.p.h.	Read. 28.98	
Set 47 °F	Char. CALM	Corr. 28.85	• Ramos: 71, 47
R. H. 80 %	24 hr. Mov. 115 mi.	Sea L. 30.19	
Ppn. Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. +2½ /	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer TCK	

0700	1300	1900
Clds. 10/10 cirrus cirrostratus	Clds.	Clds.
Wx • Hazy Sun.	Wx	Wx
Vis. 15 mi.	Vis.	Vis.

$T_{Roof} = 49$ $\bar{T} = 60$ $\Sigma P_{CN.} = 3.17"$

$T_W = 46$ $HDD = 5$

$T_\lambda = 43$ $\Sigma HDD = 170$

$CDD = 0$

$\Sigma CDD = 68$