Monday Sept. 1, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. —	Temp. 63°F	* Estimated from nearby stations
Min. 46 °F	Vel. — m.p.h.	Read. 29.18	
Set 48 °F	Char. CALM	Corr. 29.08	
R. H. 90 * %	24 hr. Mov. 51 mi.	Sea L. 30.46	
Ppn. Liq. — in.	Prev. Dir. E	3 hr. Tend. +1.0mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	

0700	1300	1900
Clds. Partially obscured	Clds.	Clds.
Wx Fog	Wx	Wx
Vis. 2 mi.	Vis.	Vis.

Ramos $T_d = 32$ (obviously inaccurate)

$DD = 4$

$\Sigma P_{CN} = 0$

Tues. Sept. 2, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. —	Temp. 66	valley fog
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.03	
Set 58 °F	Char. calm	Corr. 28.92	
R. H. 54 %	24 hr. Mov. 38.9 mi	Sea L. 30.27	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +0.7 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

0700	1300	1900
Clds. totally obscured	Clds.	Clds.
Wx cloudy	Wx	Wx
Vis. 10 mi	Vis.	Vis.

$T_{d\,ramos} = 4/2$

$DD = 5$

$\Sigma DD = 9$

$\Sigma P_{cn} = 0$

WED., SEPT. 3, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. ENE	Temp. 66	EST. FROM SURROUNDING STATIONS
Min. 57 °F	Vel. 7 m.p.h.	Read. 29.05	
Set 59 °F	Char. STEADY	Corr. 28.94	
R. H. 90 * %	24 hr. Mov. 63.4 mi.	Sea L. 30.29	
Ppn. 0 Liq. in.	Prev. Dir. S	3 hr. Tend. +1.0 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx F-	Wx	Wx
Vis. 1 mile	Vis.	Vis.

$T_{d(est*)} = 57°F$

* est. from surrounding stations

$H_{DD} = 0 \quad (\bar{T} = 66)$

$\Sigma H_{DD} = 9$

$P_{CN} = 0$

$\Sigma P_{CN} = 0$

Thurs. Sept. 4, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. S	Temp. 67	STRATUS + STRATOCUM. RIDGE-TOP FOG
Min. 61 °F	Vel. 9 m.p.h.	Read. 28.96	* EST. FROM SURROUNDING STATIONS
Set 61 °F	Char. Steady	Corr. 28.84	
R. H. 90 * %	24 hr. Mov. 91 mi.	Sea L. 30.17	
Ppn. .01 Liq. in.	Prev. Dir. SE	3 hr. Tend. -.05mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	

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

EST. T_d = 59°F

$\bar{T}$ = 64 H_{DD} = 1 ΣH_{DD} = 10

Σ PCN. = .01

Friday, Sept. 5, 1986 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 69 °F	Dir. WSW	Temp. 68	RH ESTIMATED
Min. 61 °F	Vel. 8 m.p.h.	Read. 28.76	
Set 63 °F	Char. steady	Corr. 28.64	
R. H. 95 * %	24 hr. Mov. 129.7	Sea L. 29.95	
Ppn. Liq. .05 in.	Prev. Dir. S	3 hr. Tend. -.6mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

	0700	1300	1900
Clds.	10/10		
Wx	cldy		
Vis.	3mi		

$T_{drames} = 48$ $Td_{ACTUAL\ (est.)} = 61$

$H_{OD} = 0$

$\Sigma H_{OD} = 10$

$P_{cn} = .05$

$\Sigma P_{cn} = .06$

SATURDAY, SEPTEMBER 6, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. SW	Temp. 64° F	FEW ALTOCU PATCHY GROUND FOG 4 estimated
Min. 50 °F	Vel. 5 m.p.h.	Read. 28.78	
Set 52 °F	Char. Gentle	Corr. 28.68	

	0700	1300	1900
R. H. 69 %	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0.11 in.	Wx Sunny	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JEL	Vis. 30 Miles
	Prev. Dir. WSW	3 hr. Tend. +1.0 mb	Vis.
	24 hr. Mov. 84.6 M.	Sea L. 30.03	Vis.

$\bar{T} = 64$

$T_{ROOF} = 53$

$T_{Broof} = 35^{M}$ - actually $\approx 47°$ (est)

$H_{DD} = 1$

$\Sigma H_{DD} = 11$

$\Sigma P_{CN} = 0.17$

$T_{MAX} = 89$ 1983

$T_{MIN} = 37$ 1984

$T_{AVG} = 76/54$

SUNDAY SEPT 07, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. ~	Temp. 63 °F	* BOGUS INFO FROM RAMOS
Min. 51 °F	Vel. 0 m.p.h.	Read. 28.87	
Set 52 °F	Char. CALM	Corr. 28.77	
R. H. 50 * %	24 hr. Mov. 79.6 MI	Sea L. 29.12	
Ppn. 0 Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0MB	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer WES	

	0700	1300	1900
Clds.	10/10 SC	Clds.	Clds.
Wx		Wx	Wx
Vis.	.35MI	Vis.	Vis.

$T_{RAMOS} \rightarrow 52$

$T_{DRAMOS} \rightarrow 33$

$P_{CN} \rightarrow 0.00$

$\Sigma P_{CN} \rightarrow 0.17$

$\bar{T} \rightarrow 62$

$H_{DD} \rightarrow 3$

$\Sigma H_{DD} \rightarrow 14$

Monday, Sept 8, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. –	Temp. 65	* ramos
Min. 41 °F	Vel. 0 m.p.h.	Read. 29.07	
Set 41 °F	Char. calm	Corr. 28.96	
R. H. 48* %	24 hr. Mov. 59	Sea L. 30.35	
Ppn. T Liq. in.	Prev. Dir. NW	3 hr. Tend. +1.4 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer LAS	

0700	1300	1900
Clds. 9/10	Clds.	Clds.
Wx	Wx	Wx
Vis. 35 mi	Vis.	Vis.

$T_{dramus} = 24$

$DD = 12$

$\Sigma DD = 26$

$P(n) = 7$

$\Sigma P(n) = .17$

Tuesday September 9, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. —	Temp. 65°F	* Record Minimum ** Estimated
Min. 38* °F	Vel. — m.p.h.	Read. 29.24	
Set 42 °F	Char. CALM	Corr. 29.14	

	0700	1300	1900
R. H. 96** %	Clds. 0/10	Clds.	Clds.
Ppn. — Liq. in.	Wx light fog - East	Wx	Wx
Ppn. — Sol. in.	Vis. 25 mi.	Vis.	Vis.
24 hr. Mov. 6/mi.			
Sea L. 30.54			
Prev. Dir. W			
3 hr. Tend. +2.0mb			
Snow Depth — in.			
Observer RLB			

DD = 12

ΣDD = 38

ΣP = .17

WED., SEPT. 10, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. —	Temp. 64	PATCHY GROUND FOG EAST SCT Ci
Min. 42 °F	Vel. 0 m.p.h.	Read. 29.03	
Set 50 °F	Char. CALM	Corr. 28.92	
R. H. 87 %	24 hr. Mov. 78.1 mi.	Sea L. 30.28	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. ^ 0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM JAP	

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

$\overline{T}_{d\,(UNV)} = 46°F$

$\overline{T} = 58$

$H_{DD} = 7 \quad \Sigma H_{DD} = 45$

$\Sigma_{PCN} = 0.17"$

Thursday September 11, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp. 68°F			
Min. 50 °F	Vel. 10 m.p.h.	Read. 28.86			
Set 66 °F	Char. —	Corr. 28.75	0700	1300	1900
R. H. 87 %	24 hr. Mov. 166 mi.	Sea L. 30.06	Clds. 4/10 Ci	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. SW	3 hr. Tend. -05mb	Wx light fog haze	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 7 mi.	Vis.	Vis.

$T_d = 61°F$

$\overline{T} = 65°F$

$H_{DD} = 0$

$\Sigma H_{DD} = 45$

$\Sigma P = .17$

Friday, Sept. 12, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. WSW	Temp. 68°			
Min. 65 °F	Vel. 12 m.p.h.	Read. 28.54			
Set 65 °F	Char. gusty	Corr. 28.54			
			0700	1300	1900
R. H. 80 %	24 hr. Mov. M	Sea L. 29.72	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .11 in.	Prev. Dir. M	3 hr. Tend. + .7mb	Wx overcast	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 20mi	Vis.	Vis.

$T_d = 60°F$

$\bar{T} = 75$

$H_{DD} = 0$

$\Sigma H_{DD} = 45$

$\Sigma P_{cn} = .28$

Saturday, September 13, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. WSW	Temp. 64°F	patchy ground fog
Min. 45 °F	Vel. 3 m.p.h.	Read. 28.95	
Set 45 °F	Char. Gentle	Corr. 28.84	
R. H. 51 %	24 hr. Mov. 178.4 mi	Sea L. 30.22	
Ppn. 0.01 Liq. in.	Prev. Dir. W	3 hr. Tend. +1.6mb/	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JEL	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx Sunny	Wx	Wx
Vis. 30 Miles	Vis.	Vis.

$\bar{T} = 60$

$T_{roof} = 50$

$T_{droof} = 31$

$H_{DD} = 5$

$\Sigma H_{DD} = 50$

$\Sigma P_{PN} = 0.29$

$T_{MAX} = 92 \quad 1952$

$T_{MIN} = 35 \quad 1985$

$T_{AVG} = 74/53$

SUN., SEPT. 14, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. CALM	Temp. 64	STRATOCU E + OVH CLEAR NW
Min. 46 °F	Vel. 0 m.p.h.	Read. 29.14	
Set 49 °F	Char. CALM	Corr. 29.03	
R. H. [redacted]80 %	24 hr. Mov. 105.5 mi.	Sea L. 30.40	
Ppn. 0 Liq. in.	Prev. Dir. [redacted]W	3 hr. Tend. +2.0mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 5/10	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 35 mi.	Vis.	Vis.

$T_{d\,(UNP)} = 44°F$

$\bar{T} = 62°F$

$H_{DD} = 3$

$\Sigma_{DD} = 53$

$\Sigma_{pcN.} = 0.29$

Mon., Sept 15, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. Calm	Temp. 62°F	Sun visible through cirro stratus. Patchy ground fog east.
Min. 47 °F	Vel. 0 m.p.h.	Read. 29.08	
Set 47 °F	Char. Calm	Corr. 29.98	

	0700	1300	1900
R. H. 79 %	Clds. 9/10	Clds.	Clds.
Ppn. Liq. 0 in.	Wx -OVC	Wx	Wx
Ppn. Sol. 0 in.	Vis. 35 mi.	Vis.	Vis.

24 hr. Mov.	Sea L.	3 hr. Tend.	Prev. Dir.	Snow Depth	Observer
50 mi	30.35	+1.0mb	W	0 in.	JAP

$T_{d\ UNV} = 41°F$

$\bar{T} = 59°F$

$H_{DD} = 6$

$\Sigma_{DD} = 59$

$\Sigma_{pcn.} = 0.29$

Tuesday September 16, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. N	Temp. 64°F	B ~0400 GMT		
Min. 44 °F	Vel. 5 m.p.h.	Read. 29.12			
Set 44 °F	Char. —	Corr. 29.02			
			0700	1300	1900
R. H. 63 %	24 hr. Mov. 119 mi.	Sea L. 30.41	Clds. 0/10	Clds.	Clds.
Ppn. Liq. .12 in.	Prev. Dir. SW	3 hr. Tend. +9.0 mb	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 35 mi.	Vis.	Vis.

$T_d = 34°F$

$\overline{T} = 60$

$H_D = 5$

$\Sigma H_{DD} = 64$

$\Sigma P = .41$

WEDS SEPTEMBER 17, 1936 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. ~	Temp. 67 °F	LT. FOG TO EAST		
Min. 36 °F	Vel. 0 m.p.h.	Read. 29.19			
Set 38 °F	Char. CALM	Corr. 29.08	0700	1300	1900
R. H. 95 %	24 hr. Mov. 91.3 MI	Sea L. 30.48	Clds. 7/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +1.0 MB	Wx M. SUNNY	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer NBS	Vis. 35 MI.	Vis.	Vis.

T_D (UNIV. PARK) → 37°

$\bar{T}$ → 49

H_{DD} → 16

ΣH_{DD} → 80

P_{CN} → 0.00

ΣP_{CN} → 0.41

Thurs., SEPT. 18, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 66 °F	Dir. SW	Temp. 69	BINOVC SUN visible through Ci STRAT also altocu and cumulus over ridges
Min. 38 * °F	Vel. 8 m.p.h.	Read. 29.10	* OVN LOW → 50
Set 51 °F	Char. STEADY	Corr. 28.98	
R. H. 69 %	24 hr. Mov. 66.4 mi.	Sea L. 30.35	
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. STEADY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx -OVC	Wx	Wx
Vis. 35 mi.	Vis.	Vis.

$T_{d\,(UNV)} = 41°F$

$\overline{T} = 52$

$HDD = 13$

$\Sigma_{DD} = 93$

$\Sigma_{RN} = 0.41"$

Friday, Sept-19, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 58 °F	Dir. N	Temp. 71	* OVN low = 56°
Min. 51* °F	Vel. 2 m.p.h.	Read. 29.02	
Set 56 °F	Char. light	Corr. 28.90	
R. H. 93 %	24 hr. Mov. 57.9	Sea L. 30.24	
Ppn. Liq. .55 in.	Prev. Dir. S	3 hr. Tend. +1.4	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

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

$T_d = 54°F$

$\bar{T} = 55°$

$H_{00} = 10$

$\Sigma H_{00} = 103$

$\Sigma P_{cn} = .96$

SATURDAY, SEPT. 20, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. —	Temp. 72	* ESTIMATED from HOURLY READINGS
Min. 53 °F	Vel. CALM m.p.h.	Read. 28.98	
Set 55 °F	Char. LIGHT	Corr. 28.85	
R. H. ~90 %	24 hr. Mov. 21.3	Sea L. 30.20	
Ppn. .01 Liq. in.	Prev. Dir. NE	3 hr. Tend. -1MB L	
Ppn. — Sol. in.	Snow Depth — in.	Observer PK	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx STRATUS BKNG	Wx	Wx
Vis. 5 MILES	Vis.	Vis.

$T_d = \sim 54°F$

$\bar{T} = 60$

$H_{DD} = 5$

$\Sigma_{DD} = 108$

$\Sigma_{RH} = .97$

Sun., Sept. 21, 1986 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. Calm	Temp. 77°F	Ramos min 62°F. Fog lifting → Stratus Stratocu sun visible thru fog
Min. 55 °F	Vel. 0 m.p.h.	Read. 29.05	
Set 61 °F	Char. Calm	Corr. 28.91	
R. H. 94 %	24 hr. Mov. 56.3mi	Sea L. 30.24	
Ppn. Liq. 0.16" in.	Prev. Dir. SW	3 hr. Tend. +2.0mb ✓	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

0700	1300	1900
Clds. 9/10	Clds.	Clds.
Wx Fog	Wx	Wx
Vis. 1/2 mi	Vis.	Vis.

$T_d = 61°F$

$\bar{T} = 65°F$

$H_{DD} = 0$

$\Sigma H_{DD} = 108$

$\Sigma_{pen} = 1.13''$

Monday, Sept. 22, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. Calm	Temp. 78°F	Cirro Cum, Cirro/Alto Strat Fog to east
Min. 54 °F	Vel. 0 m.p.h.	Read. 29.07	
Set 54 °F	Char. Calm	Corr. 28.93	
R. H. 96 %	24 hr. Mov. 42.3 mi	Sea L. 30.28	
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

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

$T_d = 53°F$

$\bar{T} = 64°F$

$H_{DD} = 1$

$\Sigma H_{DD} = 109$

$\Sigma_{pcn} = 1.13''$

TUESDAY SEPT 23, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. SW	Temp. 68 °F	* OVN LOW 61
Min. * 54 °F	Vel. 10 m.p.h.	Read. 28.61	
Set 61 °F	Char. STEADY	Corr. 28.50	
R. H. ≈ 98 %	24 hr. Mov. 81.7 Mi	Sea L. 29.82	
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. -0.5MB	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer [illegible]	

0700	1300	1900
Clds. 9/10	Clds.	Clds.
Wx LT. FOG	Wx	Wx
Vis. 20 Mi	Vis.	Vis.

T_D (UNIV PARK) → 63

$\bar{T}$ → 63

H_{DD} → 2

ΣH_{DD} → 101

P_{CN} → T

ΣP_{CN} → 1.13"

Wednesday Sept. 24, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. W	Temp. 68°F			
Min. 61 °F	Vel. 5 m.p.h.	Read. 28.75			
Set 63 °F	Char. —	Corr. 28.64			
			0700	1300	1900
R. H. 97 %	24 hr. Mov. 102 mi.	Sea L. 29.95	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .85 in.	Prev. Dir. W	3 hr. Tend. +1.0 mb	Wx light fog	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 4 mi.	Vis.	Vis.

$T_d = 62°F$

$\bar{T} = 69$

$H_{DD} = 0$

$\Sigma H_{DD} = 101$

$\Sigma P = 1.98$

Thurs., Sept. 25, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. ENE	Temp. 68	Rain extremely light
Min. 62 °F	Vel. 3 m.p.h.	Read. 28.76	
Set 62 °F	Char. LIGHT	Corr. 28.64	

	0700	1300	1900
R. H. 97 % / Sea L. 29.96	Clds. 10/10	Clds.	Clds.
Ppn. .06 in. Liq. / Prev. Dir. SW / 3 hr. Tend. +1.0 mb	Wx R-, F	Wx	Wx
Ppn. 0 in. Sol. / Snow Depth 0 in. / Observer JHM	Vis. 1/2 mi.	Vis.	Vis.

$T_{d(UNV)} = 61°F$

$\overline{T} = 67$

$H_{DD} = 0$

$\Sigma_{HDD} = 101$

$\Sigma_{pcw.} = 2.04$

Friday, Sept. 26, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. W	Temp. 68	Some fog * R.H. computed using $T_{airport}$ = 65°
Min. 62 °F	Vel. 5 m.p.h.	Read. 28.195	
Set 62 °F	Char. light T	Corr. 28.83	

	0700	1300	1900
R. H. 97* %	Clds. 4/10	Clds.	Clds.
Ppn. Liq. .36 in.	Wx Hazy	Wx	Wx
Ppn. Sol. 0 in.	Vis. 10mi	Vis.	Vis.
Snow Depth 0 in.			
Prev. Dir. SW			
24 hr. Mov. 30.6			
Sea L. 30.15			
3 hr. Tend. T .8			
Observer LAS			

$T_{d_{(up\,wt)}} = 63$

$\bar{T} = 64$

$H_{DD} = 1$

$\Sigma H_{DD} = 102$

$\Sigma pcn = 2.40$

SATURDAY, SEPTEMBER 27, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 83 °F	Dir. W	Temp. 68° F	Patchy ground fog BINOVC HIGHER CLOUDS VISIBLE
Min. 62 °F	Vel. 4 m.p.h.	Read. 28.86	
Set 64 °F	Char. Light	Corr. 28.74	
R. H. 84 %	24 hr. Mov. 81.9 Miles	Sea L. 30.06	
Ppn. 0.21 in. Liq.	Prev. Dir. SW	3 hr. Tend. +0.5 mb	
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer JEL	

0700	1300	1900
Clds. 10/10 St As	Clds.	Clds.
Wx Cloudy	Wx	Wx
Vis. 10 Miles	Vis.	Vis.

$\bar{T}$ = 73

T_{roof} = 66

T_{dew} = 63°

HDD = 0

ΣHDD = 102

ΣP_{sw} = 2.61

T_{MAX} = 84 1945

T_{min} = 28 1947

T_{AVG} = 70/49

Sunday Sept. 28, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. SSW	Temp. 66°F	Stratus, Stratocum Light Fog in Lowlying areas, Haze Top of Ridges Obscured
Min. 59 °F	Vel. 5 m.p.h.	Read. 29.03	
Set 59 °F	Char. Light	Corr. 28.92	
R. H. 96 %	24 hr. Mov. 79.2	Sea L. 30.25	
Ppn. Liq. Trace [redacted] in.	Prev. Dir. W	3 hr. Tend. +1.0mb /	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

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

$T_d = 58°F$

$\bar{T} = 68$

$H_{dd} = 0$

$\Sigma H_{dd} = 102$

$\Sigma_{pan} =$ [redacted] 2.61"

Tuesday October 28, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. W	Temp. 72°F			
Min. 50 °F	Vel. 8 m.p.h.	Read. 28.89			
Set 51 °F	Char. —	Corr. 28.77			
R. H. 89 %	24 hr. Mov. 129 mi.	Sea L. 30.12	0700	1300	1900
Ppn. Liq. .02 in.	Prev. Dir. W	3 hr. Tend. +3.0 mb/	Clds. 10/10	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Wx RW-	Wx	Wx
			Vis. 3 mi.	Vis.	Vis.

$T_d = 48°F$

$\bar{T} = 57°F$

$HDD = 8$

$\Sigma HDD = 368$

$\Sigma P = 2.99"$

Monday, Sept. 29, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 69 °F	Dir. SSW	Temp. 68°F	Stratocumulus Fog & Haze Ridges obscured
Min. 59 °F	Vel. 7 m.p.h.	Read. 29.05	
Set 64 °F	Char. Light	Corr. 28.93	
R. H. 96 %	24 hr. Mov. 102.7 mi	Sea L. 30.25	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +0.2mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx Cloudy	Wx	Wx
Vis. 5 mi	Vis.	Vis.

$T_d = 63°F$

$\bar{T} = 64°F$

$H_{dd} = 0$

$\Sigma H_{dd} = 103$

$\Sigma_{pcp} = 2.61"$

TUESDAY SEPT 30, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. SW	Temp. 68 °F	TOWERING Cu. TO NW
Min. 64 °F	Vel. 10 m.p.h.	Read. 28.88	
Set 68 °F	Char. STEADY	Corr. 28.77	
R. H. 90 %	24 hr. Mov. 141.1 Mi	Sea L. 30.07	
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.25MB	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer [illegible]	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx FOG	Wx	Wx
Vis. 5 Mi	Vis.	Vis.

T_D <UPWX> → 65

P_{CN} → 0.00

ΣP_{CN} → 2.61"

$\bar{T}$ → 72

H_{DD} → 0

ΣH_{DD} → 103