Wednesday October 1, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.
Max. * 86 °F	Dir. W	Temp. 68°F
Min. 65 °F	Vel. 8 m.p.h.	Read. 28.90
Set 65 °F	Char. —	Corr. 28.79
R. H. 90** %	24 hr. Mov. 156 mi.	Sea L. 30.11
Ppn. Liq. .65 in.	Prev. Dir. SW	3 hr. Tend. +1.0mb —
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB

General Obs.

* Ties Record Max (1927)
13 ~ 0100 GMT
13 ~ 0300 GMT
** estimated

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

$T_d \Rightarrow$ missing

$\bar{T} = 76$

$H_{DD} = 0$

$\Sigma H_{DD} = 0$

$\Sigma P = .65$

Thurs, Oct. 2, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. SW	Temp. 68	STRATOCU BINOVC
Min. 64 °F	Vel. 7 m.p.h.	Read. 28.80	TS ≈ 2030 EDT
Set 65 °F	Char. STEADY	Corr. 28.68	
R. H. 90 %	24 hr. Mov. 78.5	Sea L. 29.99"	
Ppn. Liq. 0.16 in.	Prev. Dir. W	3 hr. Tend. +1.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 20 mi.	Vis.	Vis.

$T_{d\,(UVN)} = 62$

$\bar{T} = 69$

$H_{DD} = 0$

$\Sigma_{HDD} = 0$

$\Sigma_{pcN.} = 0.81$

Fri, Oct, 3, 1986 · 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. S	Temp. 67	rain ... time of ...
Min. 58 °F	Vel. 2 m.p.h.	Read. 28.91	
Set 58 °F	Char. ~~Light~~	Corr. 28.79	
R. H. 94 %	24 hr. Mov. 111.9	Sea L. 30.13	
Ppn. Liq. .10 in.	Prev. Dir. W	3 hr. Tend. +0.5	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

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

$T_d = M$ $Td(est) = 56$

$\bar{T} = 68$

$H_{DP} = 0$

$\Sigma H_{DD} = 0$

$\Sigma P_{cn} = .91$

SATURDAY, OCTOBER 4, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. SW	Temp. 68°F	R- OCNL R 8 AM EDT 3rd- 11 PM EDT 3rd (NOT CONTINUOUS)
Min. 58 °F	Vel. 10 m.p.h.	Read. 28.62	OVNT LOW ~65°
Set 65 °F	Char. Steady	Corr. 28.50	# ESTIMATED
R. H. # 90 %	24 hr. Mov. 129.1 Mi	Sea L. 29.81	
Ppn. Liq. 0.73 in.	Prev. Dir. SW	3 hr. Tend. 40.5 mb -	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JEL	

0700	1300	1900
Clds. 10/10 St As	Clds.	Clds.
Wx Cloudy	Wx	Wx
Vis. 20 Miles	Vis.	Vis.

$\bar{T} = 64$

$T_{JULY} = 63$

$H_{DD} = 1$

$\Sigma H_{DD} = 1$

$\Sigma P_{CN} = 1.64$

$T_{MAX} = 89$ 1951

$T_{MIN} = 29$ 1939

Sunday, October 5, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. W	Temp. 66			
Min. 55 °F	Vel. 6 m.p.h.	Read. 28.64			
Set 55 °F	Char. light	Corr. 28.53	0700	1300	1900
R. H. 80 %	24 hr. Mov. 132.3	Sea L. 29.88	Clds. 8/10	Clds.	Clds.
Ppn. Liq. .13 in.	Prev. Dir. SW	3 hr. Tend. +1.0	Wx	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 30mi	Vis.	Vis.

$T_{d\,(approx.)} = 49$

$\bar{T} = 65$

$H_{00} = 0$

$\Sigma H_{00} = 1$

$\Sigma P_{cn} = 1.>>$

Monday, Oct. 6, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 63 °F	Dir. WNW	Temp. 66°F	Cumulus fractus; wind gust to 24 mph
Min. 43 °F	Vel. 12 m.p.h.	Read. 28.75	
Set 44 °F	Char. steady	Corr. 28.64	
R. H. 71 %	24 hr. Mov. 199.8	Sea L. 30.00	
Ppn. Liq. 0.01 in.	Prev. Dir. W	3 hr. Tend. +0.5mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

0700	1300	1900
Clds. 2/10	Clds.	Clds.
Wx ptly. cldy.	Wx	Wx
Vis. 35mi	Vis.	Vis.

$T_d = 35°F$

$\bar{T} = 53°F$

$H_{dd} = 12$

$\Sigma H_{dd} = 13$

$\Sigma_{pcn} = 1.78$

Tuesday October 7, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SW	Temp. 73° F			
Min. 37 °F	Vel. 5 m.p.h.	Read. 29.08			
Set 39 °F	Char. —	Corr. 28.96	0700	1300	1900
R. H. 92 %	24 hr. Mov. 160 mi.	Sea L. 30.36	Clds. 9/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +2.0 mb	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 20 mi.	Vis.	Vis.

$\bar{T}_d = 37°F$

$\bar{T} = 46$

$H_{dd} = 19$

$\Sigma H_{dd} = 32$

$\Sigma P = 1.78$

Wed., Oct. 8, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. WSW	Temp. 73	light frost on golf course		
Min. 36 °F	Vel. 4 m.p.h.	Read. 29.01			
Set 36 °F	Char. light	Corr. 28.88			
			0700	1300	1900
R. H. 96 %	24 hr. Mov. 57.8	Sea L. 30.28	Clds. 9/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. −0.5	Wx sunny	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 20 mi	Vis.	Vis.

$T_d = 35$

$H_{00} = 16$

$\Sigma H_{00} = 48$

$\Sigma P_{cn} = 1,78$

THURS., OCT. 9, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SW	Temp. 72	DENSE FOG ALONG RIDGE BOTTOMS CI STRT. DECK SE MOVG SE		
Min. 36 °F	Vel. 5 m.p.h.	Read. 28.86			
Set 44 °F	Char. STEADY	Corr. 28.73			
			0700	1300	1900
R. H. 93 %	24 hr. Mov. 82.4 m.	Sea L. 30.10	Clds. 1/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +0.5 mb	Wx SUNNY	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 30 mi.	Vis.	Vis.

$T_{d\,(avg)} = 42$

$\bar{T} = 58$

$H_{DD} = 12$

$\Sigma H_{DD} = 60$

$\Sigma_{pcp} = 1.78"$

Fri, Oct. 10, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NE	Temp. >0			
Min. 33 °F	Vel. 8 m.p.h.	Read. 29.22			
Set 33 °F	Char. steady	Corr. 29.10	0700	1300	1900
R. H. 82 %	24 hr. Mov. 90	Sea L. 30.51	Clds. 1/10	Clds.	Clds.
Ppn. Liq. .02 in.	Prev. Dir. N	3 hr. Tend. +.01	Wx Sunny	Wx	Wx
Ppn. Sol. 6 in.	Snow Depth 0 in.	Observer LAS	Vis. 30 mi	Vis.	Vis.

$T_1 = 28$

$H_{DD} = 15$

$\bar{T} = 50$

$\Sigma H_{DD} = 75$

$\Sigma P_{CN} = 1.80$

Saturday October 11, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. —	Temp. 70	FROSTY		
Min. 31 °F	Vel. — m.p.h.	Read. 29.26			
Set 31 °F	Char. CALM	Corr. 29.14			
R. H. 88 %	24 hr. Mov. 52 mi	Sea L. 30.57	0700	1300	1900
Ppn. Liq. — in.	Prev. Dir. N	3 hr. Tend. +0.3mb/	Clds. Ci 2/10 StCu	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth — in.	Observer FJG	Wx —	Wx	Wx
			Vis. 35 mi	Vis.	Vis.

$T_d = 28°F$ UNV

D.D. = 22

$\Sigma_{DD} = 97$

$\Sigma_{precip} = 1.80$

Sunday October 12, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. —	Temp. 70°F			
Min. 31 °F	Vel. — m.p.h.	Read. 29.14			
Set 40 °F	Char. CALM	Corr. 29.03			
R. H. 95 %	24 hr. Mov. 71 mi.	Sea L. 30.43	0700	1300	1900
Ppn. — Liq. in.	Prev. Dir. SE	3 hr. Tend. -1.0 mb	Clds. 10/10	Clds.	Clds.
Ppn. — Sol. in.	Snow Depth — in.	Observer RLB	Wx —	Wx	Wx
			Vis. 10 mi.	Vis.	Vis.

$T_d = 39°F$

$\bar{T} = 45°F$

$HDD = 20$

$\Sigma HDD = 117$

$\Sigma P = 1.80$

Mon., Oct. 13, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. Calm	Temp. 71°F	Stratus, Strato cum, Status Fractus, Light rain Ramos Overnight Low ~52°F		
Min. 40 °F	Vel. 0 m.p.h.	Read. 28.89			
Set 54 °F	Char. Calm	Corr. 28.77			
			0700	1300	1900
R. H. 93 %	24 hr. Mov. 91.7mi	Sea L. 30.1	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0.22 in.	Prev. Dir. S	3 hr. Tend. Steady	Wx Light Rain	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Vis. 7mi	Vis.	Vis.

$T_d = 52^\circ F$

$\bar{T} = 48^\circ F$

$H_{DD} = 17$

$\Sigma H_{DD} = 134$

$\Sigma_{pcn} = 2.02"$

Tuesday October 14, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. S	Temp. 73°F			
Min. 54 °F	Vel. 5 m.p.h.	Read. 28.65			
Set 58 °F	Char. —	Corr. 28.53			
			0700	1300	1900
R. H. 97 %	24 hr. Mov. 46mi.	Sea L. 29.85	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .60 in.	Prev. Dir. SW	3 hr. Tend. -3.0mb	Wx Patchy Fog	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 7 mi.	Vis.	Vis.

$T_d = 57°F$

$\overline{T} = 59°F$

$H_{DD} = 6$

$\Sigma H_{DD} = 140$

$\Sigma P = 2.62"$

Wed. Oct. 15, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. WSW	Temp. 72			
Min. 38 °F	Vel. 12 m.p.h.	Read. 28.84			
Set 38 °F	Char. gusty	Corr. 28.72			
R. H. 72 %	24 hr. Mov. 193	Sea L. 30.10	0700	1300	1900
Ppn. Liq. T .03 in.	Prev. Dir. SW	3 hr. Tend. +.8	Clds. 8/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Wx	Wx	Wx
			Vis. 30mi	Vis.	Vis.

$T_d = 30$

$\bar{T} = 50$

$H_{DD} = 15$

$\Sigma H_{DD} = 155$

$\Sigma P_{cn} = 2.625$

Thurs., Oct. 16, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. WNW	Temp. 70	Altocu N + NE Patchy Ground Fog
Min. 35 °F	Vel. 3 m.p.h.	Read. 28.79	
Set 35 °F	Char. light	Corr. 28.67	
R. H. 96 %	24 hr. Mov. 92.5 mi.	Sea L. 30.07	
Ppn. 0 in. Liq.	Prev. Dir. W	3 hr. Tend. Steady	
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 3/10	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 35 mi.	Vis.	Vis.

$T_{Q(UVN)} = 34$

$H_{DD} = 22 \quad (\bar{T} = 43)$

$\Sigma_{DD} = 177$

$\Sigma_{PCN} = 2.65$

Fri. Oct. 17, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 53 °F	Dir. 0	Temp. 71	overnight low ~ 39°
Min. 35 °F	Vel. 0 m.p.h.	Read. 28.92	
Set 43 °F	Char. calm	Corr. 28.80	
R. H. 93 %	24 hr. Mov. 77.6	Sea L. 30.17	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1.7 ✓	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx Patchy fog	Wx	Wx
Vis. 5 mi	Vis.	Vis.

$T_d = 41°$

$H_{00} = 21$

$\Sigma H_{00} = 198$

$\Sigma P_{cn} = 2.65$

SATURDAY, OCTOBER 18, 1986 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. NNE	Temp. 70°F	WIND 350 V to 060 ° SPEED 3 V to 12 MPH
Min. 40 °F	Vel. 7 m.p.h.	Read. 29.21	
Set 42 °F	Char. Variable	Corr. 29.09	
R. H. 69 %	24 hr. Mov. 40.1 Miles	Sea L. 30.49	
Ppn. 0.04 Liq. in.	Prev. Dir. N	3 hr. Tend. +2.2mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JEL	

0700	1300	1900
Clds. 6/10 Cu Sc	Clds.	Clds.
Wx Partly Sunny	Wx	Wx
Vis. 30 Miles	Vis.	Vis.

$\bar{T}$ = 44

T_{roof} = 43

T_{down} = 34

H_{SD} = 21

ΣH_{DD} = 219

ΣP_{CN} = 2.69

$\bar{T}_{min}$ = 24, 1990

$\bar{T}_{max}$ = 83, 1938

T_{AVG} = 62/42

Sunday, October 19, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. SW	Temp. 70°F	Fog in Low Lying areas; Frost Rames min = 29°F		
Min. 26 °F	Vel. 3 m.p.h.	Read. 29.31			
Set 27 °F	Char. light	Corr. 29.19			
R. H. 100 %	24 hr. Mov. 36.7mi	Sea L. 30.63	0700	1300	1900
Ppn. 0 Liq. in.	Prev. Dir. N	3 hr. Tend. +0.5mb	Clds. 0/10	Clds.	Clds.
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JAP	Wx Clear	Wx	Wx
			Vis. 25mi	Vis.	Vis.

T_d (UNP) = 28°F

$\bar{T}$ = 40°F

H_{DD} = 25

ΣH_{DD} = 244

Σp_{cn} = 2.69 in

Monday, Oct. 20, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 61 °F	Dir. Calm	Temp. 70°F	Low lying fog to east; Haze
Min. 27 °F	Vel. 0 m.p.h.	Read. 29.16	Clouds on Horizon to N & W
Set 32 °F	Char. Calm	Corr. 29.04	Farmos min 32°F
R. H. 92 %	24 hr. Mov. 28.2	Sea L. 30.46	
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +0.1 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

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

T_d (UNP) = 30°F

$\bar{T}$ = 44°F

H_{DD} = 21

ΣH_{DD} = 265

Σ PCN = 2.69 in.

Tuesday October 21, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir. SW	Temp. 70°F	Frosty		
Min. 32 °F	Vel. 5 m.p.h.	Read. 29.06			
Set 35 °F	Char. —	Corr. 28.95			
			0700	1300	1900
R. H. 85 %	24 hr. Mov. 54 mi	Sea L. 30.36	Clds. 0/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. +0.0 mb —	Wx light patchy fog	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	Vis. 25 mi.	Vis.	Vis.

$T_d = 31°F$

$\bar{T} = 46°F$

$H_{DD} = 19$

$\Sigma H_{DD} = 284$

$\Sigma P = 2.69"$

Wed. Oct. 22, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 66 °F	Dir. SSW	Temp. 70			
Min. 35 °F	Vel. 4 m.p.h.	Read. 29.01			
Set 48 °F	Char. light	Corr. 28.89			
R. H. 93 %	24 hr. Mov. 119.4	Sea L. 30.26	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +1.5 ✓	Clds. 6/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Wx light fog	Wx	Wx
			Vis. 10 mi	Vis.	Vis.

$T_d = 46$

$\bar{T} = 50$

$H_{00} = 14$

$\Sigma H_{00} = 298$

$\Sigma P_{cn} = 2.69$

Thurs., OCT. 23, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. WSW	Temp. 72	- CIRROSTRATUS, ACCDCU, FEW CU ; BINOVC
Min. 48 °F	Vel. 10 m.p.h.	Read. 28.87	
Set 54 °F	Char. STEADY	Corr. 28.74	

	0700	1300	1900
R. H. 83 %	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0 in.	Wx -OVC	Wx	Wx
Ppn. Sol. 0 in.	Vis. 15 mi.	Vis.	Vis.

24 hr. Mov. 70.4 mi.
Sea L. 30.09
Prev. Dir. SW
3 hr. Tend. +0 mb
Snow Depth 0 in.
Observer JHM

$Td_{(UVN)} = 49$

$\bar{T} = 59$

$H_{DD} = 6$

$\Sigma_{DD} = 304$

$\Sigma_{PCN} = 2.69$

Fri. Oct. 24, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. W	Temp. 72			
Min. 52 °F	Vel. 2 m.p.h.	Read. 29.05			
Set 52 °F	Char. light	Corr. 28.93			
			0700	1300	1900
R. H. 90 %	24 hr. Mov. 89.2	Sea L. 30.28	Clds. 1C / 1C	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0.9mb	Wx ovc	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 3 mi.	Vis.	Vis.

$T_d = 49$

$\bar{T} = 6.0$

$H_{00} = 5$

$\Sigma H_{00} = 309$

$\Sigma P_{cn} = 2.69$

SAT. OCT. 25, 1986 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. (90) EAST	Temp. 71	A_s 8/10
Min. 35 °F	Vel. 2 m.p.h.	Read. 29.01	A_c 2/10
Set 39 °F	Char. —	Corr. 28.89	
R. H. 39 %	24 hr. Mov. 34.8	Sea L. 30.30	
Ppn. 0.0 Liq. in.	Prev. Dir. N	3 hr. Tend. +.5 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer LMG	

0700	1300	1900
Clds. 10/10 8/10 A_s 2/10 A_c	Clds.	Clds.
Wx CLOUDY	Wx	Wx
Vis. 15 MI	Vis.	Vis.

$T_{nmos} = 40$, $T_p = 13$

$\bar{T} = 49$

$H_{DD} = 16$

$\Sigma H_{DD} = 325$

$\Sigma P_{cn} = 2.69$

Sunday October 26, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. —	Temp. 70°F	We Win! PSU 23 'Bama 3
Min. 39 °F	Vel. — m.p.h.	Read. 28.90	
Set 46 °F	Char. CALM	Corr. 28.79	
R. H. 97 %	24 hr. Mov. 35 mi.	Sea L. 30.16	
Ppn. Liq. .26 in.	Prev. Dir. S	3 hr. Tend. -1.5mb L	
Ppn. Sol. — in.	Snow Depth — in.	Observer RLB	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx L- Fog	Wx	Wx
Vis. 2 mi.	Vis.	Vis.

$T_d = 45$

$\bar{T} = 45$

$H_{DD} = \cancel{25}\ 20$

$\Sigma H_{DD} = 345$

$\Sigma P = 2.95"$

Monday, Oct. 27, 1986 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 53 °F	Dir. SW	Temp. 72°F	Fog Ramos min = 49°F
Min. 46 °F	Vel. 3 m.p.h.	Read. 28.72	
Set 50 °F	Char. light	Corr. 28.59	
R. H. 93 %	24 hr. Mov. 23.1 mi	Sea L. 29.94	
Ppn. Liq. 0.02 in.	Prev. Dir. SE	3 hr. Tend.	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAP	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx Cloudy	Wx	Wx
Vis. 1 mi	Vis.	Vis.

T_d (MWP) = 49°F

$\bar{T}$ = ~~50~~° F

H_{DD} = 15

ΣH_{DD} = ~~355~~ 360

Σ pcn = 2.97 in.

Wed. Oct. 29, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 61 °F	Dir. W	Temp. 70	some patchy fog
Min. 38 °F	Vel. 4 m.p.h.	Read. 29.01	
Set 38 °F	Char. light	Corr. 28.89	
R. H. 83 %	24 hr. Mov. 96.2	Sea L. 30.28	
Ppn. .01 Liq. in.	Prev. Dir. W	3 hr. Tend. −0.1 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer LAS	

0700	1300	1900
Clds. 2/10	Clds.	Clds.
Wx sunny	Wx	Wx
Vis. 10 mi	Vis.	Vis.

$T_0 = 40$

$T_{upwx} = 45$

$\overline{T} = 503$

$H_{DD} = 16$

$\Sigma H_{DD} =$ [illegible] 383

$\Sigma P_{cn} =$ ~~2.99~~ 3.00"

THURS, OCT. 30, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. NNW	Temp. 72	STRATOCU		
Min. 38 °F	Vel. 4 m.p.h.	Read. 28.93			
Set 49 °F	Char. variable	Corr. 28.80			
			0700	1300	1900
R. H. 63 %	24 hr. Mov. 135.7 mi.	Sea L. 30.16	Clds. 8/10	Clds.	Clds.
Ppn. 0 Liq. in.	Prev. Dir. SW	3 hr. Tend. +2.0 mb	Wx BkN	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	Vis. 35 mi.	Vis.	Vis.

$T_{R(UW)} = 37$

$\overline{T} = 53$

$H_{DD} = 12$

$\Sigma_{DD} = 395$

$\Sigma_{PCW} = 3.00''$

Fri., Oct. 31, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. —	Temp. 69			
Min. 28 °F	Vel. 0 m.p.h.	Read. 29.44			
Set 28 °F	Char. calm	Corr. 29.32			
			0700	1300	1900
R. H. 92 %	24 hr. Mov. 64.5	Sea L. 30.17	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +2.0 /	Wx frost patchy fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAS	Vis. 20mi	Vis.	Vis.

$T_D = 28$

$T_{up\,wx} = 30$

$\bar{T} = 43$

$H_{OD} = 22$

$\Sigma H_{OD} = 417$

$\Sigma P_{cn} = 3.00$

Sunday, Nov. 30, 1986 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 39 °F	Dir. N	Temp. 69°F	Low-lying fog east Haze Frost
Min. 26 °F	Vel. 7 m.p.h.	Read. 29.01	
Set 34 °F	Char. Steady	Corr. 28.89	Ramos overnight Low = 32°F
R. H. 75%	24 hr. Mov. 90.5mi	Sea L. 30.30	
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. +0.8mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer WAP	

0700	1300	1900
Clds. 3/10	Clds.	Clds.
Wx –	Wx	Wx
Vis. 15mi	Vis.	Vis.

T_d (UNP) = 27°F

$\bar{T}$ = 33°F

H_{00} = 32

ΣH_{00} = 807

Σ_{pcn} = 5.66"