Sat. Oct. 1, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. —	Temp. 70	RIDGE TOPS OBSCURED RB 1230 [illegible] RE [illegible]
Min. 43 °F	Vel. — m.p.h.	Read. 29.06	
Set 58 °F	Char. CALM	Corr. 28.94	
R. H. 97 %	24 hr. Mov. 76 mi	Sea L. 30.28	
Ppn. Liq. 0.44 in.	Prev. Dir. N	3 hr. Tend. +0.3mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer FJG	

0700	1300	1900
Clds. 10/10 St	Clds.	Clds.
Wx —	Wx	Wx
Vis.	Vis.	Vis.

22.ПОТ 13

SUNDAY, [illegible] 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.
Max. 66 °F	Dir. —	Temp. 68°F
Min. 53 °F	Vel. CALM m.p.h.	Read. 28.90
Set 53 °F	Char. LIGHT	Corr. 28.78
R. H. 100 %	24 hr. Mov. 26.5 MI	Sea L. 30.13
Ppn. Liq. .01 in.	Prev. Dir. SSE	3 hr. Tend. +LOW
Ppn. Sol. — in.	Snow Depth — in.	Observer JEL

General Obs.

LB ~ 2000 LT 1ST
LE ~ 2100 LT 1ST
BKDK ~ 1100 LT 1ST

	0700	1300	1900
Clds.	SKY OBSC.		
Wx	DENSE FOG		
Vis.	1/16 MI		

= -60

d = 53

DD = 5

DD~T~ = 18

Precip total = 0.45

Record Hi 86 / 1919

" Lo 26 / 1899

Avg. Temps 69/47

Monday October 3, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. —	Temp. 70°	3/10 ci numerous contrails
Min. 48 °F	Vel. CALM m.p.h.	Read. 28.88	
Set 49 °F	Char. —	Corr. 28.76	
R. H. 100 %	24 hr. Mov. 60 mi	Sea L. 30.11	
Ppn. — Liq. in.	Prev. Dir. W	3 hr. Tend. M	
Ppn. — Sol. in.	Snow Depth — in.	Observer SSW	

0700	1300	1900
Clds. partially obscured	Clds.	Clds.
Wx light ground fog	Wx	Wx
Vis. 2 mi	Vis.	Vis. 52°

$\bar{T} = 61$

$DD = 4$

$DD_{TOT} = 22$

$P_{cp\ TOT}$ 0.47

rec HI 84 1919
LO 28 1945

norm 68/47

TUESDAY, OCTOBER 4, 1983 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. SW	Temp. 69°	PATCHY GROUND FOG IN VALLEYS TO THE EAST
Min. 49 °F	Vel. 5 m.p.h.	Read. 28.65	DARK W-NW
Set 59 °F	Char. →	Corr. 28.53	OVERNIGHT LOW ~ 59°
R. H. 63 %	24 hr. Mov. 118.4 MILES	Sea L. 29.85	
Ppn. Liq. 0.00 in.	Prev. Dir. SSW	3 hr. Tend. -0.6mbL	
Ppn. Sol. — in.	Snow Depth — in.	Observer EAK	

0700	1300	1900
Clds. AS 7/10CS	Clds.	Clds.
Wx PARTLY SUNNY	Wx	Wx
Vis. 15 MILES	Vis.	Vis. 63°

$T_{ramos} = 63°$
$Td_{ramos} = 50°$

$\overline{T} = 64°$
$DD = 1$
$DD_T = 23$
PREC. TOT. 0.45

WED. OCT. 5, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. CALM	Temp. 70°			
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.53			
Set 59 °F	Char. —	Corr. 28.42			
			0700	1300	1900
R. H. 97 %	24 hr. Mov. 41.9 mi	Sea L. 29.73	Clds. 10/10	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. SW	3 hr. Tend. -.07	Wx FA	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer KAD	Vis. 3 miles	Vis.	Vis. 62°

HDD = 0

$T_D = 59°$

$\overline{T} = 68°$

$DD_T = 23$

THURSDAY, OCTOBER 6, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. SW	Temp. 70°F	LINE (DISTANCE) 3 P CU N→S
Min. 49 °F	Vel. 8 m.p.h.	Read. 28.80	
Set 49 °F	Char. GUSTY	Corr. 28.68	
R. H. 92 %	24 hr. Mov. 169.3	Sea L. 30.04	
Ppn. Liq. 0.09 in.	Prev. Dir. WSW	3 hr. Tend. +1.0mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer JEL	

0700	1300	1900
Clds. 1/10 CU	Clds.	Clds.
Wx Sunny	Wx	Wx
Vis. 20 MI	Vis.	Vis. 52°

$\bar{T} = 60$ $T_d = 49$ $T_{max} = 52$

$DD = 5$

$DD_t = 28$

$P_t = 0.54$

T_{MAX} 90 1941

T_{MIN} 25 1935

$\bar{T}_{MAX}$ 67

$\bar{T}_{MIN}$ 45

FRIDAY, OCT. 7, 1983 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. CALM	Temp. 69			
Min. 41 °F	Vel. — m.p.h.	Read. 29.10			
Set 43 °F	Char. STEADY	Corr. 28.98			
			0700	1300	1900
R. H. 82 %	24 hr. Mov. 128.5	Sea L. 30.37	Clds. 0/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. +2.4mb	Wx	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer P.K.	Vis. 2 Smiles	Vis.	Vis. 47F

D.P. = 42°F

D.D = 11

$D.D_{TOT} = 39$

SATURDAY, OCTOBER 8, 1983

0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 68 °F	Dir. WSW	Temp. 68°	PATCHY GROUND FOG IN VALLEYS EAST.
Min. 41 °F	Vel. 2 m.p.h.	Read. 28.98	STRONG INVERSION BETWEEN GROUND AND ROOF.
Set 42 °F	Char. —	Corr. 28.86	
R. H. 78 %	24 hr. Mov. 459 MILES	Sea L. 30.24	
Ppn. Liq. 0.00 in.	Prev. Dir. SW	3 hr. Tend. +0.4 mb ✓	
Ppn. Sol. — in.	Snow Depth — in.	Observer EAK	

0700	1300	1900
Clds. Cu 2/10	Clds.	Clds.
Wx SUNNY	Wx	Wx
Vis. 20 MILES	Vis.	Vis. 50°

$T_{RAMOS} = 49°$

$T_{d\ RAMOS} = 40°$

$\bar{T} = 55°$

$DD = 10$

$DD_T = 49$

$PREC._T = 0.54$

Sunday, October 9, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 76 °F	Dir. NE	Temp. 68° F	FEW SPRINKLES @ 7.45 L.D.T.
Min. 42 °F	Vel. 6 m.p.h.	Read. 29.23	
Set 50 °F	Char. LIGHT	Corr. 29.11	OVERNIGHT LOW ≈ 48° F

R. H.	24 hr. Mov.	Sea L.	0700	1300	1900
89 %	92.7	30.48	Clds. 10/10 St.	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. S	3 hr. Tend. +1.4 mb	Wx CLOUDY	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer JEL	Vis. 25 MI	Vis.	Vis.

$\bar{T}$ = 59

Td = 48

D.D = 6

D.D.1 = 55

T_{max} = 85 '49

T_{min} = 25 '17

65/44

Monday, October 10, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. N NE	Temp. 68°			
Min. 42 °F	Vel. 8 m.p.h.	Read. 29.24			
Set 43 °F	Char. —	Corr. 29.12			
			0700	1300	1900
R. H. 82 %	24 hr. Mov. 92 mi	Sea L. 30.51	Clds. Sc 10/10	Clds.	Clds.
Ppn. 0.01 Liq. in.	Prev. Dir. N	3 hr. Tend. +0.7mb	Wx —	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer SSW	Vis. 8 mi	Vis.	Vis.

$\bar{T} = 50$

T_Δ 39

T_{max} 85 '49

T_{min} 27 '64

DD 15/70

norm 65/44/55

TUESDAY, OCTOBER 11, 1983 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. SE	Temp. 68°			
Min. 42 °F	Vel. 5 m.p.h.	Read. 29.18			
Set 47 °F	Char. —	Corr. 29.06	OVERNIGHT LOW ~46°		
			0700	1300	1900
R. H. 78 %	24 hr. Mov. 80.2 MILES	Sea L. 30.44	Clds. SC 10/10	Clds.	Clds.
Ppn. 0.00 Liq. in.	Prev. Dir. ESE	3 hr. Tend. +0.7mb	Wx CLOUDY	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer EAK	Vis. 18 MILES	Vis.	Vis. ~49°

$T_{RAMOS} = 48$

$Td_{RAMOS} = 41$

$\bar{T} = 49$

$DD = 16$

$DD_{TOT} = 86$

$PPT_{TOT} = 0,59$

WED, October 12, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. ESE	Temp. 70			
Min. 48 °F	Vel. 6 m.p.h.	Read. 28.90			
Set 59 °F	Char. Gusty	Corr. 28.79	0700	1300	1900
R. H. 96 %	24 hr. Mov. 115.5	Sea L. 30.12	Clds. 10 ST. 10	Clds.	Clds.
Ppn. Liq. .20 in.	Prev. Dir. E	3 hr. Tend. Steady	Wx. Light RAIN	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer KAD	Vis. 2 miles	Vis.	Vis. 61

HDD - 10

T_d - 60°

$\bar{T}$ - 55°

THURSDAY, OCTOBER 13, 0700 EST 1983 — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. *66 °F	Dir. S	Temp. 74°F	* HI ESTIMATED FROM RAMOS DATA -- DOWNSTAIRS SHELTER TEMP. NOT PROPERLY SET		
Min. 59 °F	Vel. 8 m.p.h.	Read. 28.77			
Set 65 °F	Char. LIGHT	Corr. 28.64	BINOVC RW-~2000 LT 12M		
			0700	1300	1900
R. H. 93 %	24 hr. Mov. 934 MI	Sea L. 29.95	Clds. 10/10 Cu; Sc	Clds.	Clds.
Ppn. Liq. 0.15 in.	Prev. Dir. E	3 hr. Tend. -0.9 mb	Wx CLOUDY	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer JEL	Vis. 15 MI	Vis.	Vis. 68°F

$T_d = 66°$ roof
$T_{roof} = 68°$
$\bar{T} = 63°F$
$DD = 2$
$DD_{\bar{T}} = 98$
$P_{eq} = .10$

Records: 82 1930 64/43 mins.
26 1934

0.32" precip 1916 – will fall.

FRIDAY, OCT. 14, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. SW	Temp. 73°F	TRW OCCNL TRW+ 1830-1930 L.T. ON 10/13		
Min. 40 °F	Vel. 10 m.p.h.	Read. 28.87			
Set 41 °F	Char. STEADY	Corr. 28.74	0700	1300	1900
R. H. 74 %	24 hr. Mov. 210.5	Sea L. 30.12	Clds. 2/10 Scu	Clds.	Clds.
Ppn. Liq. 1.06 in.	Prev. Dir. S-SW	3 hr. Tend. +.5sub/	Wx M/CLEAR	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer P.K.	Vis. 30 MILES	Vis.	Vis. 43

DEWT = 34°F

D.D. = 7

$D.D._{TT}$ = 105

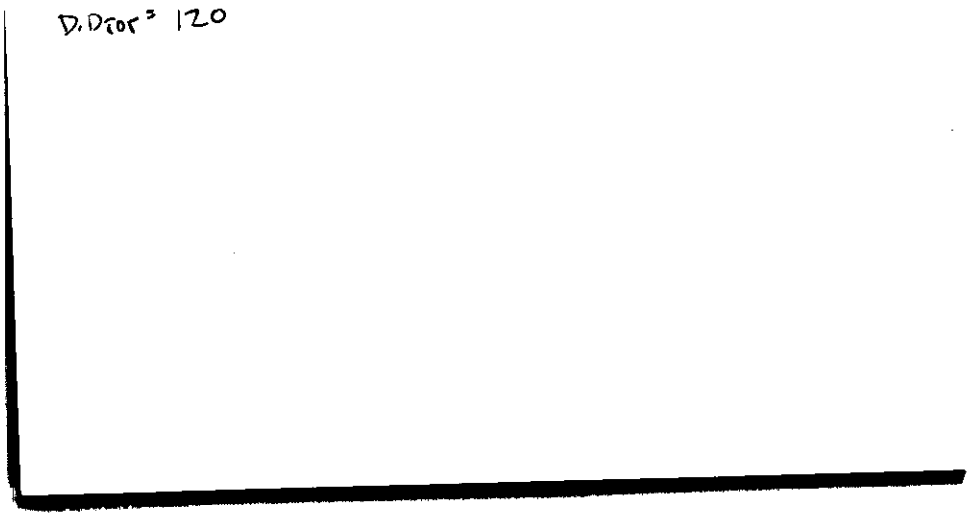
Sat. October 15, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. WNW	Temp. 76°	FEW SC		
Min. 42 °F	Vel. 9 m.p.h.	Read. 29.09			
Set 44 °F	Char. ---	Corr. 28.95			
R. H. 77 %	24 hr. Mov. 245mi	Sea L. 30.34	0700	1300	1900
Ppn. Liq. — in.	Prev. Dir. SW	3 hr. Tend. +1.5mb	Clds. 1/10 Sc	Clds.	Clds.
Ppn. Sol. — in.	Snow Depth --- in.	Observer FG	Wx -	Wx	Wx
			Vis. 35mi	Vis.	Vis. 47

D.D. = 15

D.D for = 120



SUNDAY, OCTOBER 16, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. —	Temp. 76°F	GROUND FOG IN A FEW VALLEYS -- LIGHT FROST IN MANY AREAS
Min. 32 °F	Vel. CALM m.p.h.	Read. 29.20	
Set 32 °F	Char. LIGHT	Corr. 29.06	FEW Ci
R. H. 92 %	24 hr. Mov. 93.6 mi	Sea L. 30.48	
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. +10 mb /	
Ppn. Sol. — in.	Snow Depth — in.	Observer JEL	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx SUNNY	Wx	Wx
Vis. 35 mi	Vis.	Vis. 38°F

$T_{Rain} = 38$

$T_{Drain} = 34.4$

$\bar{T} = 48°$

$H_{DD} = 17$

$H_{DDT} = 137$

Precip total 1.96

Records: 84 1938

25 1937

63/42

MONDAY, OCTOBER 17, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. —	Temp. 78	Valley fog numerous contrails OVNT LOW ~ 45
Min. 33 °F	Vel. CALM m.p.h.	Read. 29.06	
Set 44 °F	Char. —	Corr. 28.92	
R. H. 87 %	24 hr. Mov. 57mi	Sea L. 30.30	
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. +.5mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer SSW	

	0700	1300	1900
Clds.	Clds. 3/10 Cs Ac	Clds.	Clds.
Wx	Wx —	Wx	Wx
Vis.	Vis. 12mi	Vis.	Vis. 47°

T_d 43

$\bar{T}$ 49

DD 16

DD_T 153

PCP 1.96

REC 24 1933 63/42/52
32 1939

TUESDAY, OCTOBER 18, 1983 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NE	Temp. 79°	FOG/HAZY TOWARD TUSSEY OVERNIGHT LOW ~ 48°		
Min. 44 °F	Vel. 6 m.p.h.	Read. 28.98			
Set 48 °F	Char. —	Corr. 28.83	0700	1300	1900
R. H. 84 %	24 hr. Mov. 79.8 MILES	Sea L. 30.20	Clds. 10/10 St	Clds.	Clds.
Ppn. Liq. 0.00 in.	Prev. Dir. NE	3 hr. Tend. +0.6 /	Wx CLOUDY	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer EAK	Vis. 7 MILES	Vis.	Vis. 50°

RAMOS:
T = 50°
Td = 45°

$\bar{T}$ = 56°
$PRECIP_{TOT}$ = 1.96"

DD = 9
DD_{TOT} = 162

Wed. October 19, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 51 °F	Dir. NNE	Temp. 74	FOG TO the South by RIDGE.
Min. 41 °F	Vel. 2 m.p.h.	Read. 29.04	
Set 41 °F	Char. —	Corr. 28.92	

0700	1300	1900
Clds. 3/10 As	Clds.	Clds.
Wx —	Wx	Wx
Vis. 7 mi.	Vis.	Vis. 45°

R. H. 96 %	24 hr. Mov. M	Sea L. 30.31	
Ppn. Liq. 1.30 in.	Prev. Dir. M	3 hr. Tend. +17	
Ppn. Sol. — in.	Snow Depth — in.	Observer KAD	

TL = 43
1100 = 19

THURSDAY, OCTOBER 20, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. NE	Temp. 74 °F			
Min. 39 °F	Vel. 6 m.p.h.	Read. 29.23			
Set 39 °F	Char. LIGHT	Corr. 29.10	0700	1300	1900
R. H. 73 %	24 hr. Mov. 88.7 MI	Sea L. 30.50	Clds. 10/10 AS	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. NNE	3 hr. Tend. +0.9 mb /	Wx CLOUDY	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer JEL	Vis. 40 MI	Vis.	Vis.

$\bar{T} = 47°F$

$T_{D\,roof} = 35$

$T_{roof} = 41$

$H_{DD} = 18$

$H_{roof} = 190$

$P_{wr} = 3.26$

Max T 81 1947

Min T 22 1952, 1972

Avg. T 61/41

FRIDAY, OCTOBER 21, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. # ~50 °F	Dir. E	Temp. 74	* INSTRUMENT SHELTER ATTACHED (MAX TEMP - INSIDE)
Min. 36 °F	Vel. 9 m.p.h.	Read. 29.30	
Set 36 °F	Char. LIGHT	Corr. 29.17	
R. H. 84 %	24 hr. Mov. 54	Sea L. 30.59	
Ppn. — Liq. in.	Prev. Dir. ENE	3 hr. Tend. +.5mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer PK	

0700	1300	1900
Clds. TR/10 As, Cs	Clds.	Clds.
Wx CLEARING NW-NE	Wx	Wx
Vis. 20 miles	Vis.	Vis. 39

$T_{DD} = 34$

$*T_{max} \sim 50$

D.D. = 22

$DD_{yr} = 212$

$P_{yr} = 3.26"$

MAX T = 80-1947

MIN T = 22-1940

AVG = 60/40

SATURDAY, OCTOBER 22, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. —	Temp. 74°	FROST - HEAVY IN OUTLYING AREAS		
Min. 31 °F	Vel. CALM m.p.h.	Read. 29.13"			
Set 34 °F	Char. —	Corr. 29.00"	0700	1300	1900
R. H. 81 %	24 hr. Mov. 91 MILES	Sea L. 30.41"	Clds. Ci 7/10	Clds.	Clds.
Ppn. Liq. 0.00 in.	Prev. Dir. E	3 hr. Tend. -1.0mb	Wx PARTLY SUNNY	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer EAK	Vis. 20 MILES	Vis.	Vis. 38°

$T_{RAMOS} = 37°$

$T_{d\,RAMOS} = 31°$

$\overline{T} = 43°$

$DD = 22$

$DD_T = 234$

$P_{Tm} = 3.26"$

SUNDAY, OCTOBER 23, 0700 EST 1983 Meteorolog... University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 49 °F	Dir. S	Temp. 74°F	R- Began ≈19:30 LT 22nd
Min. 34 °F	Vel. 8 MPH GUST	Read. 28.88	
Set 44 °F	Char. Breezy	Corr. 28.75	
R. H. 93 %	24 hr. Mov. 133.5 mi	Sea L. 30.12	
Ppn. Liq. .26 in.	Prev. Dir. SSE	3 hr. Tend. -0.13 in	
Ppn. Sol. — in.	Snow Depth — in.	Observer JEL	

0700	1300	1900
Clds. 10/10 St	Clds.	Clds.
Wx LIGHT RAIN	Wx	Wx
Vis. ≈3-4 mi RAIN/FOG	Vis.	Vis.

T_{roof} 96

T_{droof} 93

$\bar{T}$ 42

P_{wall} 3.52

$H_{00} = 23$

$H_{oor} = 257$

$T_{max} = 77.899$

$T_{min} = 21.1969$

$T_{AVG} = 60/40$

Mon Oct 24, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. NNE	Temp. 74°			
Min. 44 °F	Vel. 2 m.p.h.	Read. 28.73			
Set 48 °F	Char. —	Corr. 28.60			
			0700	1300	1900
R. H. 100 %	24 hr. Mov. 56 mi	Sea L. 29.94	Clds. 10/10 St	Clds.	Clds.
Ppn. Liq. 0.12 in.	Prev. Dir. S	3 hr. Tend. +1.1 mb	Wx drizzle	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SSW	Vis. 2 mi	Vis.	Vis. 49°

T 47
DD 18/275
T_1 49

TUESDAY, OCTOBER 25, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. E	Temp. 73°	TOP OF TUSSEY MOUNTAIN PARTIALLY OBSCURED BY LOW CLOUDS.
Min. 43 °F	Vel. 5 m.p.h.	Read. 28.80"	
Set 43 °F	Char. —	Corr. 28.67"	
R. H. 90 %	24 hr. Mov. 89 MILES	Sea L. 30.04"	
Ppn. Liq. 0.04 in.	Prev. Dir. E	3 hr. Tend. +0.8 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer EAK	

0700	1300	1900
Clds. 10/10 St	Clds.	Clds.
Wx LIGHT DRIZZLE	Wx	Wx
Vis. 1.5 MILES	Vis.	Vis. 46°

RAMOS:
$\overline{T} = 46^\circ$
$T_d = 43^\circ$

$\overline{T} = 50^\circ$

$P_{TOTAL} = 3.68''$

$DD = 15$

$DD_{TOT} = 290$

WED. OCT. 26, 1983

0700 EST

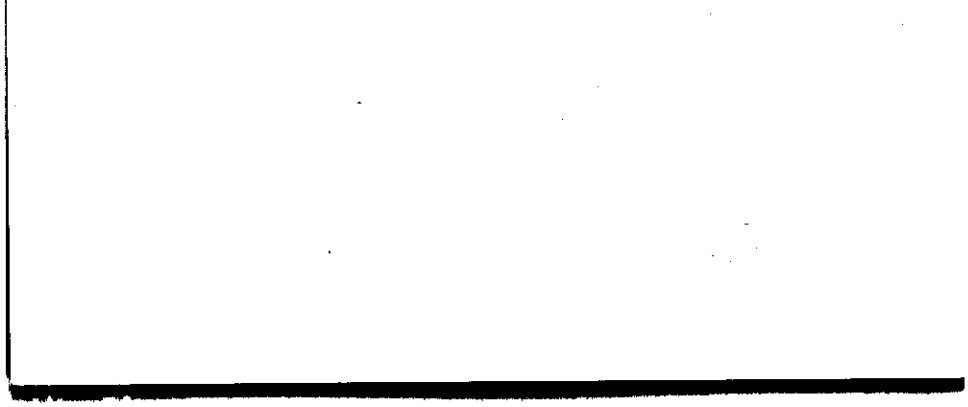
Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. W	Temp. 74			
Min. 39 °F	Vel. 10 m.p.h.	Read. 28.64			
Set 39 °F	Char.	Corr. 28.52			
			0700	1300	1900
R. H. 82 %	24 hr. Mov. 86.4 mi	Sea L. 29.89	Clds. 5/10 STCu	Clds.	Clds.
Ppn. Liq. .08 in.	Prev. Dir. W	3 hr. Tend. -.27	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer KAD	Vis. 9 mile	Vis.	Vis. 42°

TD = 41

$\bar{T}$ = 43°

HDD = 22



THURSDAY, OCTOBER 27, 1983 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. *49 °F	Dir. NW	Temp. 74°F	RW - ≈1030 LT * MAX T approximate - downstairs thermometer not properly set.
Min. 36 °F	Vel. 6 G15 m.p.h.	Read. 28.80	
Set 37 °F	Char. Breezy	Corr. 28.67	

	0700	1300	1900
R. H. 77 %	Clds. 3/10	Clds.	Clds.
Ppn. Liq. 0.01 in.	Wx Pt. Cloudy Cu	Wx	Wx
Ppn. Sol. — in.	Vis. 40 mi	Vis.	Vis. 39

Snow Depth — in. | Prev. Dir. W | 3 hr. Tend. +2.0mb/ | Observer JEL | Sea L. 30.06 | 24 hr. Mov. 161.5 mi

T_{ROOF} = 39

$T_{d\,ROOF}$ = 32

$\overline{T}$ = 43

$H_{0.3}$ = 22

$H_{0.7}$ = 334

P_{PCT} = 3.77

T_{MAX} = 79 1963

T_{MIN} = 18 1936

$\overline{AVG}$ 58/39

FRIDAY, OCT. 28, 1983 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. SW	Temp. 74	NUMEROUS CONTRAILS AT OBS. TIME		
Min. 38 °F	Vel. 10 G 14 m.p.h.	Read. 28.81			
Set 48 °F	Char. STEADY	Corr. 28.68			
R. H. 58 %	24 hr. Mov. 175.2	Sea L. 30.04	0700	1300	1900
Ppn. — Liq. in.	Prev. Dir. WSW	3 hr. Tend. MSG	Clds. 7/10 Ci + Cs	Clds.	Clds.
Ppn. — Sol. in.	Snow Depth — in.	Observer P.K.	Wx M/CLOUD	Wx	Wx
			Vis. 35 miles	Vis.	Vis. 4 9 F

$T_{RAMP} = 49$

$T_{DWELL} = 33.6$

DD_{TT} 355

12 = 00

Sat. Oct. 29, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. WNW	Temp. 72°	PRESKR VERY WIND OUST. FREQUENT GUSTS >45MPH
Min. 42 °F	Vel. 14 m.p.h.	Read. 29.00	
Set 42 °F	Char. –	Corr. 28.87	

	0700	1300	1900
R. H. 58 %	Clds. 2/10 SCU	Clds.	Clds.
Ppn. – Liq. in.	Wx –	Wx	Wx
Ppn. – Sol. in.	Vis. 35 mi	Vis.	Vis. 45

24 hr. Mov.	Prev. Dir.	3 hr. Tend.	Sea L.	Snow Depth	Observer
403 mi	SW	+3.7 mb/	30.25	– in.	FJG

$m_{tot} = 364$

$b = 00$

SUNDAY, OCTOBER 30, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. ---	Temp. 72	HEAVY FROST/FREEZE OVNT.
Min. 21 °F	Vel. CALM m.p.h.	Read. 29.39	
Set 22 °F	Char. GUSTY	Corr. 29.26	FEW Ac ~ East FEW Ci ~ West
R. H. 86 %	24 hr. Mov. 1258 MI	Sea L. 30.73	
Ppn. — Liq. in.	Prev. Dir. NW	3 hr. Tend. +0.7 mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer JEL	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx SUNNY	Wx	Wx
Vis. 40 ML	Vis.	Vis. 27

T_{ROOF} 27

T_{BROOF} 21

$\bar{T} = 36$

$H_{DD} = 29$

$H_{DDT} = 384$

$P_{JUL} = 3.77$

T_{MAX} - 79 1950

T_{MIN} 21 1975

MONDAY, OCTOBER 31, 1983 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. NE	Temp. 73°	HEAVY FROST/ FREEZE OUT SOME VALLEY FOG		
Min. 22 °F	Vel. 2 m.p.h.	Read. 29.36			
Set 26 °F	Char. —	Corr. 29.23			
R. H. 89 %	24 hr. Mov. 52 mi	Sea L. 30.67	0700	1300	1900
Ppn. — Liq. in.	Prev. Dir. S	3 hr. Tend. +1.3 mb	Clds. 0/10	Clds.	Clds.
Ppn. — Sol. in.	Snow Depth — in.	Observer SSW	Wx Sunny	Wx	Wx
			Vis. 15 mi	Vis.	Vis. 29

T_d = 23°

$\bar{T}$ = 37°

DO = 28/412

REC 18-150

81-125