

Fri July 1, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. SW	Temp. 70°			
Min.	63 °F	Vel. 8 m.p.h.	Read. 28.87			
Set	66 °F	Char. -	Corr. 28.75			
R. H.	79 %	24 hr. Mov. M	Sea L. 30.07	0700 Clds. 10/10 ST	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. M	3 hr. Tend. +0.3mb	Wx -	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer FJG	Vis. 8 mi	Vis.	Vis. 66

Roof

$$T = 70^\circ$$

$$T_w = 65.5^\circ$$

$$T_d = 63^\circ$$

July 2, 1983 (SAT)

0700 EST

Meteorological Observatory
University Park, Pa.

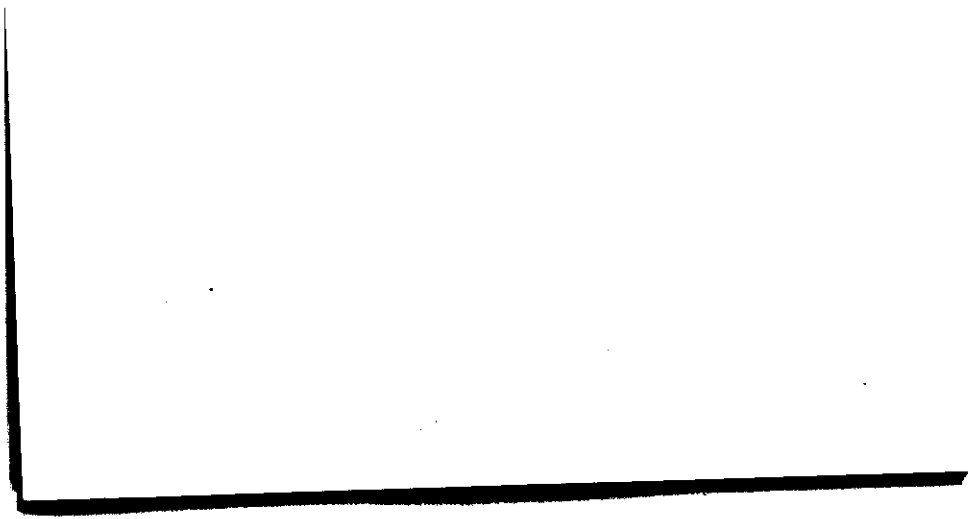
Temp.		Wind		Barom.	General Obs.		
Max.	83 °F	Dir.	-	Temp.	68		
Min.	66 °F	Vel.	- m.p.h.	Read.	28.81		
Set	73 °F	Char.	CALM	Corr.	28.69		
R. H.	67 %	24 hr. Mov.	-	Sea L.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	-	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	1910 St		
				DSS	Wx	Wx	Wx
					RW--		
					Vis.	Vis.	Vis.
					7 mi.		74°

T = 76°
T_w = 68°
T_d = 64° } ROOF

Sunday July 3, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

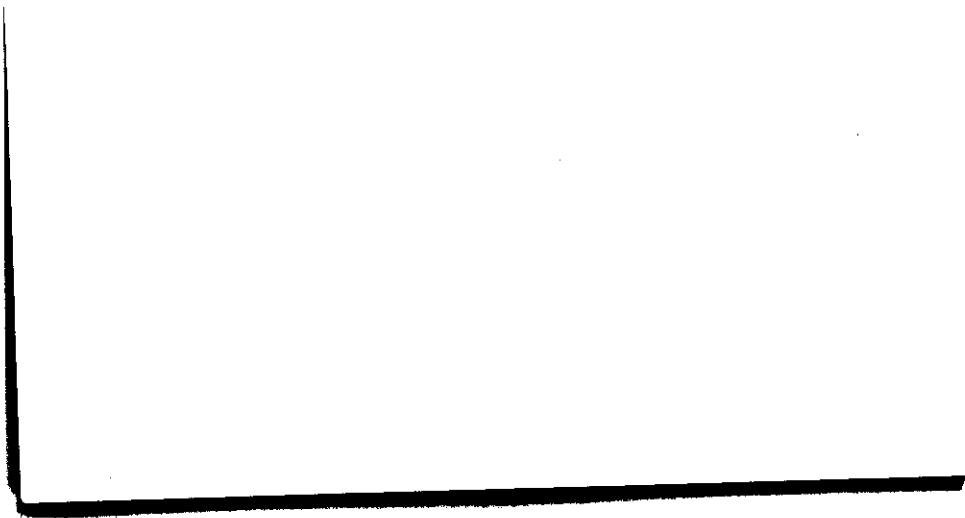
Temp.		Wind		Barom.		General Obs.		
Max.	89 °F	Dir.	-	Temp.	70	Roof - T → 78°F Tw - 71°F Td = 68°F		
Min.	67 °F	Vel.	- m.p.h.	Read.	28.99			
Set	73 °F	Char.	CALM	Corr.	28.88			
R. H.	71 %	24 hr. Mov.	M	Sea L.	30.19	0700	1300	1900
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	+1.5 mb ✓	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	RLB	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						4 mi.		75°



Mon. July 4, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	91 °F	Dir.	Temp.			
		-	68			
Min.	68 °F	Vel.	Read.			
		-	28.90			
		m.p.h.				
Set	71 °F	Char.	Corr.			
		CALM	28.78			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
%			30.08	Clds.	Clds.	Clds.
				2/10 ci		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	Wx
- in.		40.4 in.	HAZE			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
- in.	- in.	FJG	6 mi			72°



Tuesday July 5, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	90 °F	Dir.	NW	Temp.	68			
Min.	67 °F	Vel.	7 m.p.h.	Read.	28.85			
Set	68 °F	Char.	-	Corr.	28.74			
R. H.	58 %	24 hr. Mov.	M	Sea L.	30.05	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	+0.3 mb V	Wx	Wx	Wx
						BINOV C		
Ppn.	- in.	Snow Depth	- in.	Observer	RLB	Vis.	Vis.	Vis.
						10 mi.		69°

Roof

$$T = 72^{\circ}\text{F}$$

$$T_w = 62^{\circ}\text{F}$$

$$T_d = 56^{\circ}\text{F}$$

WEDNESDAY, JULY 6, 1993

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	NNW	Temp.	67			
Min.	57 °F	Vel.	6 m.p.h.	Read.	28.85			
Set	58 °F	Char.	—	Corr.	28.74			
R. H.	~90 %	24 hr. Mov.	M	Sea L.	30.07	0700	1300	1900
Ppn.	— in.	Prev. Dir.	M	3 hr. Tend.	+2.2mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.K.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						2 3/10 Cu		
						—		
						2 3/10		

D.R. $r_f = 0$

NAME-INSPIRATIVE

July 7, 1983 (THURS)

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir.	Temp.	* NEW RECORD LOW MINIMUM		
		—	68			
Min.	45 * °F	Vel.	Read.			
		— m.p.h.	29.12			
Set	51 °F	Char.	Corr.			
		CALM	29.00			
R. H.	67 %	24 hr. Mov.	Sea L.	0700	1300	1900
		M	30.37	Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	9/10		
—	in.	M	+2.0mb/	Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	Observer			
—	in.	— in.	DSS	Vis.	Vis.	Vis.
				25 mi.		53°

$T_{\text{roof}} = 57^{\circ}$

$T_w = 51^{\circ}$

$T_d = 46^{\circ}$

D.D. day = 7

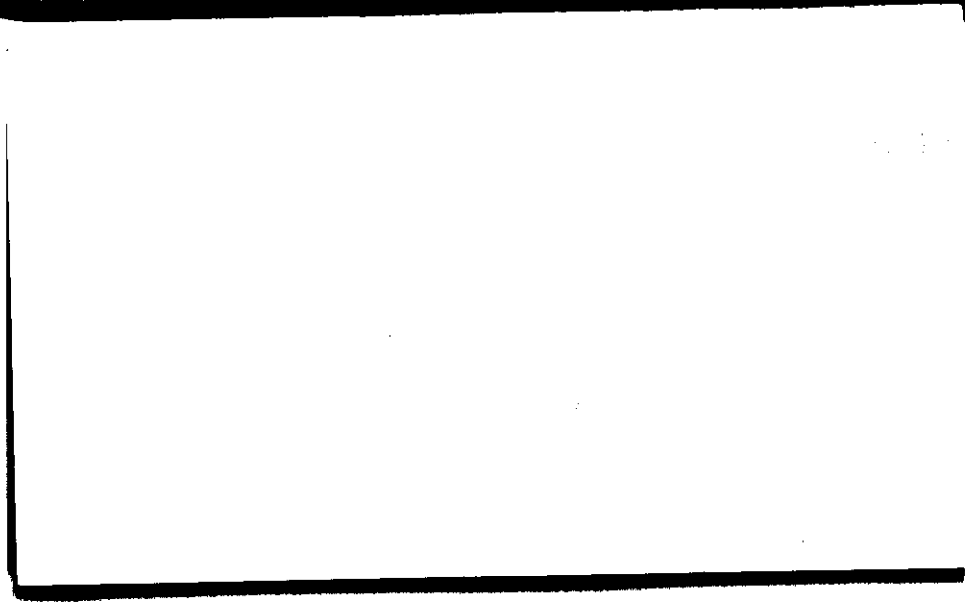
D.D. tot = 7

Fri. July 8, 1993

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	78 °F	Dir.	SW	Temp.	66° FEW Cc W-NW		
Min.	51 °F	Vel.	3 m.p.h.	Read.	29.12		
Set	58 °F	Char.	-	Corr.	29.01		
R. H.	%	24 hr. Mov.	M	Sea L.	0700	1300	1900
				30.36	Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	M	3 hr. Tend.	0/10		
	- in.			+0.0mb	Wx	Wx	Wx
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.
	- in.	- in.		FJG	20mi		59°



Saturday July 9, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	83°F	Dir.	SW	Temp.	64			
Min.	57°F	Vel.	4 m.p.h.	Read.	28.95			
Set	62°F	Char.	—	Corr.	28.85			
R. H.		24 hr. Mov.	M	Sea L.	30.18	0700	1300	1900
	%					Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	M	3 hr. Tend.	1.1mb	Wx	Wx	Wx
						Haze		
Ppn.	— in.	Snow Depth	— in.	Observer	RLB	Vis.	Vis.	Vis.
						10mi.		64°

$DD_{rot} = 7$

July 10, 1983 (SUN)

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	NE	Temp.	64			
Min.	50 °F	Vel.	3 m.p.h.	Read.	28.88			
Set	57 °F	Char.	STEADY	Corr.	28.77			
R. H.	%	24 hr. Mov.	M	Sea L.	30.11	0700	1300	1900
						Clds.	Clds.	Clds.
						3/10 Ci		
Ppn.	Liq.	Prev. Dir.	M	3 hr. Tend.	M	Wx	Wx	Wx
-	in.							
Ppn.	Sol.	Snow Depth	- in.	Observer	DSS	Vis.	Vis.	Vis.
-	in.					15 mi.		59°

D.D. TOT = 7

Mon. July 11, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	78 °F	Dir.	-	Temp.	64°			
Min.	49 °F	Vel.	- m.p.h.	Read.	28.94			
Set	54 °F	Char.	CALM	Corr.	28.83			
R. H.	%	24 hr. Mov.	M	Sea L.	30.18	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	M	3 hr. Tend.	+0.8mb	Wx	Wx	Wx
	in.							
Ppn.	Sol.	Snow Depth	- in.	Observer	FJG	Vis.	Vis.	Vis.
	in.					35mc		57°

D. Dot 8

Tuesday July 12, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	83°F	Dir.	SW	Temp.	65	Overnight Low ~ 59°F		
Min.	54°F	Vel.	5 m.p.h.	Read.	28.97			
Set	63°F	Char.	-	Corr.	28.89			
R. H.	63%	24 hr. Mov.	M	Sea L.	30.19	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	M	3 hr. Tend.	+0.3mb	Wx	Wx	Wx
	- in.							
Ppn.	Sol.	Snow Depth	- in.	Observer	RLB	Vis.	Vis.	Vis.
	- in.					10 mi.		64°

$$DD_{rot} = 8$$

$$T = 68^{\circ}F$$

$$T_w = 60^{\circ}F$$

$$T_d = 55^{\circ}F$$

WEDNESDAY, JULY 13, 1983

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		HAZE gone!		
Max.	90 °F	Dir.	NW	Temp.	68			
Min.	64 °F	Vel.	9 m.p.h.	Read.	28.94			
Set	70 °F	Char.	STEADY	Corr.	28.82			
R. H.	61 %	24 hr. Mov.	MSG	Sea L.	30.13	0700	1300	1900
Ppn.	— in.	Prev. Dir.	MSG	3 hr. Tend.	+1.8ms	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	PK	Wx	Wx	Wx
				Observer	PK	Wx	Wx	Wx
				Vis.	30+	Vis.	Vis.	Vis.

RAMUS INOP.

PD NF = 8

July 14, 1983 (THU)

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	87 °F	Dir.	SW	Temp.	VALLEY HAZE CLOUD DECK SW			
				66				
Min.	57 °F	Vel.	5 m.p.h.	Read.				28.95
Set	64 °F	Char.	STEADY	Corr.	28.84			
R. H.	73 %	24 hr. Mov.	M	Sea L.	30.16	0700	1300	1900
						Clds.	Clds.	Clds.
						1/10 Alto 1/10 Stratus		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	Wx	Wx
-	in.	M	10.5 mb/r					
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.	Vis.
-	in.	- in.	DSS	10 mi.				64°

$T_{\text{room}} = 68^\circ$

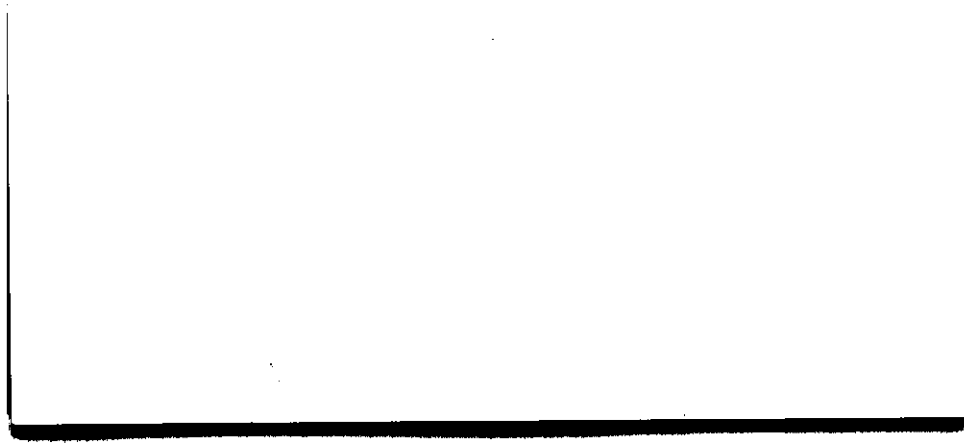
$T_w = 62^\circ$

$T_d = 59^\circ$

Fri. JULY 15, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88°F	Dir. SW	Temp. 68	SOME HAZE FEW ci		
Min.	64°F	Vel. 3 m.p.h.	Read. 28.82			
Set	69°F	Char. -	Corr. 28.70			
R. H.	73%	24 hr. Mov. M	Sea L. 30.00	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. M	3 hr. Tend. +0.0mb-	Wx -	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer FJG	Vis. 8 mi	Vis.	Vis. 69°



July 16, 1983 (SAT)

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	93 °F	Dir. SW	Temp. 78	OVERNIGHT LOW ~ 72°F		
Min.	69 °F	Vel. 6 m.p.h.	Read. 28.78			
Set	76 °F	Char. -	Corr. 28.64			
R. H.	77 %	24 hr. Mov. M	Sea L. 29.92	0700 Clds. OBSCURED	1300 Clds.	1900 Clds.
Ppn.	- in.	Prev. Dir. M	3 hr. Tend. +1.0mb ✓	Wx ∞	Wx	Wx
Ppn.	- in.	Snow Depth -	Observer DSS	Vis. 1 1/2 mi.	Vis.	Vis. 76°

$$T_{\text{ROOF}} = 78^{\circ}$$

$$T_w = 72^{\circ}$$

$$T_d = 70^{\circ}$$

$$D.D_{\text{TOT}} = 8$$

$$DD_{TOT} = 8$$

$$T = 76^{\circ}F$$

$$T_w = 70^{\circ}F$$

$$T_d = 67^{\circ}F$$

Mon. July 18, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir. SW	Temp. 70	BINOVIC TRW ~1730 LT (17M)		
Min.	68 °F	Vel. 4 m.p.h.	Read. 28.82			
Set	70 °F	Char. -	Corr. 28.70			
R. H.	91 %	24 hr. Mov. M	Sea L. 30.00	0700 Clds. 10/10 ⁵²	1300 Clds.	1900 Clds.
Ppn. Liq.	0.35 in.	Prev. Dir. M	3 hr. Tend. + Lamb!	Wx -	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer FJG	Vis. 4mi	Vis.	Vis. 71°

Tuesday July 19, 1903 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SW	Temp. 69			
Min.	65 °F	Vel. 4 m.p.h.	Read. 28.86			
Set	69 °F	Char. -	Corr. 28.75			
R. H.	79 %	24 hr. Mov. M	Sea L. 30.05	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	- in.	Prev. Dir. M	3 hr. Tend. 4.5 mb	Wx bcnvc	Wx	Wx
Ppn.	- in.	Snow Depth -	Observer RLB	Vis. 5 mi.	Vis.	Vis. 69°

$$DD_{rot} = 8$$

$$T = 73^{\circ}F$$

$$T_w = 68^{\circ}F$$

$$T_d = 66^{\circ}F$$

WEDNESDAY, JUL 20, 1963

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. SW	Temp. 69			
Min.	67 °F	Vel. 7 m.p.h.	Read. 28.88			
Set	70 °F	Char. STEADY	Corr. 28.76			
R. H.	96 %	24 hr. Mov. INCR	Sea L. 30.07	0700 Clds. 9/10 Acc	1300 Clds.	1900 Clds.
Ppn. Liq.	.02 in.	Prev. Dir. INOP.	3 hr. Tend. +1.1mb	Wx HAZY	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer P.K	Vis. 4 miles	Vis.	Vis.

Top ~ 67°

RAMOS INC?

D.D.
TR. = 8

July 21, 1983 (THURS)

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SW	Temp. 68°	DENSE VALLEY FOG		
Min.	64 °F	Vel. 3 m.p.h.	Read. 28.83			
Set	68 °F	Char. STEADY	Corr. 28.71			
R. H.	87 %	24 hr. Mov. M	Sea L. 30.02	0700 Clds. 5/10 Ci	1300 Clds.	1900 Clds.
Ppn.	Liq. .02 in.	Prev. Dir. M	3 hr. Tend. +0.3mb ✓	Wx ≡	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer DSS	Vis. 1 1/2 mi.	Vis.	Vis. 68°

$T_{\text{Roof}} = 72^\circ$
 $T_w = 69^\circ$
 $T_d = 68^\circ$

FRI. JULY 22, 1983

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F		Dir. N	Temp. 68°	GUST TO 51MPH ~1815LT TRW ~1815 - 1840 LT		
Min. 59 °F		Vel. 8 m.p.h.	Read. 28.80			
Set 61 °F		Char. -	Corr. 28.68			
R. H. %	24 hr. Mov. M	Sea L. 30.00	0700 Clds. 1/10 As	1300 Clds.	1900 Clds.	
Ppn. Liq. 0.13 in.	Prev. Dir. M	3 hr. Tend. +0.7mb	Wx -	Wx	Wx	
Ppn. Sol. - in.	Snow Depth - in.	Observer FJG	Vis. 20mi	Vis.	Vis. 63°	

Saturday July 23, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	82°F	Dir.	SW	Temp.			
Min.	51°F	Vel.	3 m.p.h.	Read.	28.87		
Set	54°F	Char.	-	Corr.	28.77		
R. H.	65%	24 hr. Mov.	M	Sea L.	0700	1300	1900
					Clds.	Clds.	Clds.
					3/10		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	Wx
-	in.	M	+0.5mbW	-			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
-	in.	- in.	RLB	20mi.			56°

$$DD_{\text{TOT}} = 8$$

$$T = 62^{\circ}\text{F}$$

$$T_w = 55^{\circ}\text{F}$$

$$T_d = 50^{\circ}\text{F}$$

July 24, 1983 (SW)

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. SW	Temp. 66°	TRW+ 1900-2100 EDT (23 rd) * MAXIMUM PRECIP. RECORD FOR DATE		
Min.	54 °F	Vel. 10 m.p.h.	Read. 28.55			
Set	70 °F	Char. -	Corr. 28.43			
R. H.	87 %	24 hr. Mov. M	Sea L. 29.72	0700 Clds. 10/10 SKW	1300 Clds.	1900 Clds.
Ppn. Liq.	1.53* in.	Prev. Dir. M	3 hr. Tend. M	Wx =	Wx	Wx
Ppn. Sol.	- in.	Snow Depth -	Observer DSS	Vis. 2 1/2 mi.	Vis.	Vis. 70°

$T_{\text{room}} = 72^\circ$

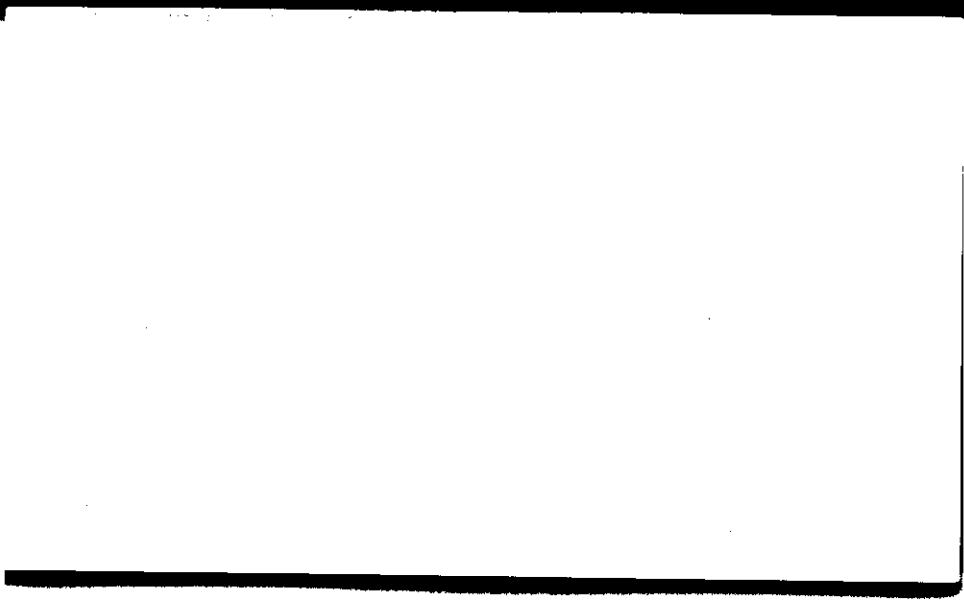
$T_w = 69^\circ$

$T_d = 68^\circ$

Mon. July 25, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. -	Temp. 66	BINOVIC			
Min. 58 °F	Vel. - m.p.h.	Read. 28.77				
Set 62 °F	Char. CALM	Corr. 28.66	0700	1300	1900	
R. H. 84 %	24 hr. Mov. M	Sea L. 29.98	Clds. 10/10 Ac St	Clds.	Clds.	
Ppn. -	Liq. in.	Prev. Dir. M	3 hr. Tend. +1.0mb/	Wx -	Wx	
Ppn. -	Sol. in.	Snow Depth -	Observer FJG	Vis. 15mi	Vis. 63°	



Tuesday - July 26, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	80°F	Dir.	-	Temp.			
				66			
Min.	55°F	Vel.	-	Read.			
		m.p.h.		28.96			
Set	60°F	Char.	CALM	Corr.			
				28.86	0700	1300	1900
R. H.	76 %	24 hr. Mov.	M	Sea L.	Clds.	Clds.	Clds.
				30.19	0/10		
Ppn.	-	Prev. Dir.	M	3 hr. Tend.	Wx light	Wx	Wx
Liq.	-			+2.0mb/	fog		
	in.						
Ppn.	-	Snow Depth		Observer	Vis.	Vis.	Vis.
Sol.	-	in.		RLB	5mi.		63°
	in.						

$$DP_{TOT} = 8$$

$$T = 67^{\circ}F$$

$$T_w = 62^{\circ}F$$

$$T_d = 59^{\circ}F$$

WEDNESDAY, JULY 27, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	ENE	Temp.	67			
Min.	58 °F	Vel.	4 m.p.h.	Read.	28.97			
Set	61 °F	Char.	LIGHT	Corr.	28.85			
						0700	1300	1900
R. H.	74 %	24 hr. Mov.	MSG	Sea L.	30.18	Clds.	0/10	Clds.
Ppn.	— in.	Prev. Dir.	MSG	3 hr. Tend.	+1.2mb	Wx	HAZY-NE	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	P.K.	Vis.	15 miles	Vis.
								65.8F

$$T_{DB} = 65.8^{\circ}F$$

D.D. 70-8

$$T_{WB} = 60.5^{\circ}F$$

$$T_{DA} = 52.4^{\circ}F$$

$$RH = 74\%$$

$$T_{\text{ROOF}} = 68^{\circ}$$

$$T_w = 63^{\circ}$$

$$T_d = 60^{\circ}$$

$$D.D.TOT = 8$$

FRI July 29, 1983 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SW	Temp. 68°			
Min.	67 °F	Vel. 4 m.p.h.	Read. 29.07			
Set	70 °F	Char. -	Corr. 28.95			
R. H.	81 %	24 hr. Mov. M	Sea L. 30.26	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. M	3 hr. Tend. +2.0mb/	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer FJG	Vis. 8 mi	Vis.	Vis. 71°

95 1940
45 1928

$$DD_{TOT} = 8$$

$$T = 75^{\circ}F$$

$$T_w = 69^{\circ}F$$

$$T_d = 66^{\circ}F$$

71° = T_{roof}
67° = T_w
65° = T_d

D.D. TOT = 8