

Mon. August 1, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 91 °F		Dir. SW	Temp. 68	BINOVIC		
Min. 68 °F		Vel. 4 m.p.h.	Read. 28.87			
Set 72 °F		Char. -	Corr. 28.76			
				0700	1300	1900
R. H. 79 %		24 hr. Mov. M	Sea L. 30.07	Clds. As 10/10 Ac	Clds.	Clds.
Ppn. -	Liq. in.	Prev. Dir. M	3 hr. Tend. +0.7 mbr	Wx -	Wx	Wx
Ppn. -	Sol. in.	Snow Depth -	Observer FJG	Vis. 8 mi	Vis.	Vis. 73°



Tuesday August 2, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	84°F	Dir.	SW	Temp.	68	TRW+ ~1745 EDT Gusts to 65 mph Marble size hail Vivid LTCCGG		
Min.	61°F	Vel.	3 m.p.h.	Read.	29.05			
Set	64°F	Char.	-	Corr.	28.94			
R. H.	82%	24 hr. Mov.	M	Sea L.	30.28	0700	1300	1900
Ppn.	.39 in.	Prev. Dir.	M	3 hr. Tend.	+4.0mb	Clds.	Clds.	Clds.
						1/10		
						Wx	Wx	Wx
						FOG		
Ppn.	Sol.	Snow Depth	Observer	Vis.	3 mi.	Vis.	Vis.	Vis.
		- in.	RLB					60

$$DD_{TOT} = 0$$

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

$$T_w = 65^{\circ}F$$

$$T_d = 63^{\circ}F$$



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

$$T_w = 64^{\circ}$$

$$T_d = 62^{\circ}$$

$$D.D_{\text{TOT}} = 0$$

THURSDAY, AUGUST 4, 1983

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. SW	Temp. 68°F			
Min.	63 °F	Vel. 4 m.p.h.	Read. 28.96			
Set	66 °F	Char. LIGHT	Corr. 28.84			
R. H.	74 %	24 hr. Mov. MSG	Sea L. 30.15	0700 Clds. 10/10 Acc BINGVC	1300 Clds.	1900 Clds.
Ppn.	— in.	Prev. Dir. MSG	3 hr. Tend. +.843 ✓	Wx HAZY	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer P.K.	Vis. Smiles	Vis.	Vis. 70°F

$$D \cdot D_{TOT} = 0$$

$$T_{DB} = 70.4^\circ\text{F}$$

$$T_{WB} = 64.8^\circ\text{F}$$

$$T_{DP} = 61.8^\circ\text{F}$$

$$RH = 74\%$$



FT. August 5, 1993 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	—	Temp.	68°	SUN PMLY VSBL		
Min.	65 °F	Vel.	— m.p.h.	Read.	28.98			
Set	66 °F	Char.	CALM	Corr.	28.87			
R. H.	92 %	24 hr. Mov.	M	Sea L.	30.19	0700	1300	1900
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	+0.476	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	FJG	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						1 mi		67°



Sat. August 6, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SW	Temp. 68	THUNDER HEARD OCNL LGT NE ~ 1700 LT		
Min.	66 °F	Vel. 5 m.p.h.	Read. 28.88			
Set	68 °F	Char. -	Corr. 28.76			
				0700	1300	1900
R. H.	93 %	24 hr. Mov. M	Sea L. 30.08	Clds. 10/10 SE	Clds.	Clds.
Ppn. Liq.	0.01 in.	Prev. Dir. M	3 hr. Tend. +0.3 mb	Wx FOG	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer FJG	Vis. 1 1/2	Vis.	Vis. 69

971218  
50 1957

Sunday August 7, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	-	Temp.	66			
Min.	63 °F	Vel.	- m.p.h.	Read.	28.87			
Set	65 °F	Char.	CALM	Corr.	28.77			
R. H.	82 %	24 hr. Mov.	M	Sea L.	30.09	0700	1300	1900
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	+0.0mb-	Clds.	Clds.	Clds.
						%		
						Wx	Wx	Wx
						FOG		
Ppn.	- in.	Snow Depth	- in.	Observer	RLB	Vis.	Vis.	Vis.
						2 mi.		66°

$$T = 70^{\circ}\text{F}$$

$$T_w = 66^{\circ}\text{F}$$

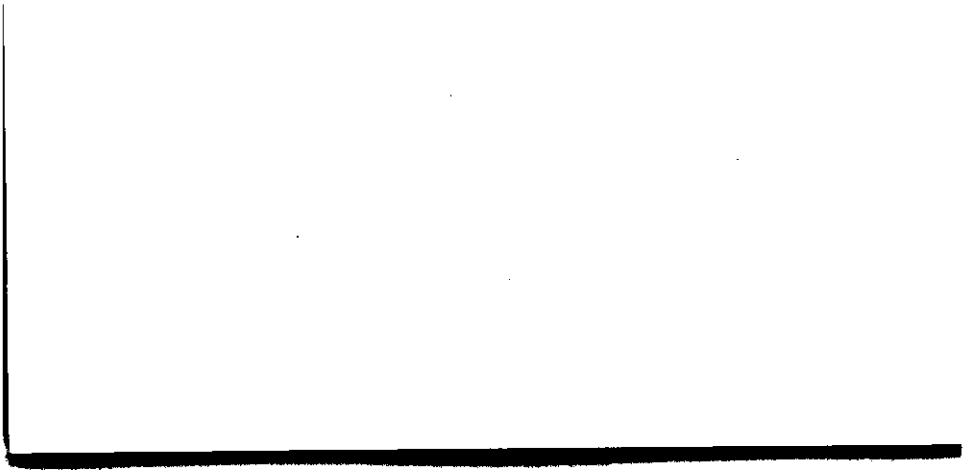
$$T_d = 64^{\circ}\text{F}$$

Mon. August 8, 1903

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SW	Temp. 68			
Min.	64 °F	Vel. 5 m.p.h.	Read. 28.82			
Set	67 °F	Char. -	Corr. 28.70			
R. H.	84 %	24 hr. Mov. M	Sea L. 30.02	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. M	3 hr. Tend. +0.6mb/r	Wx <del>None</del>	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer FJG	Vis. 4 mi	Vis.	Vis. 69°



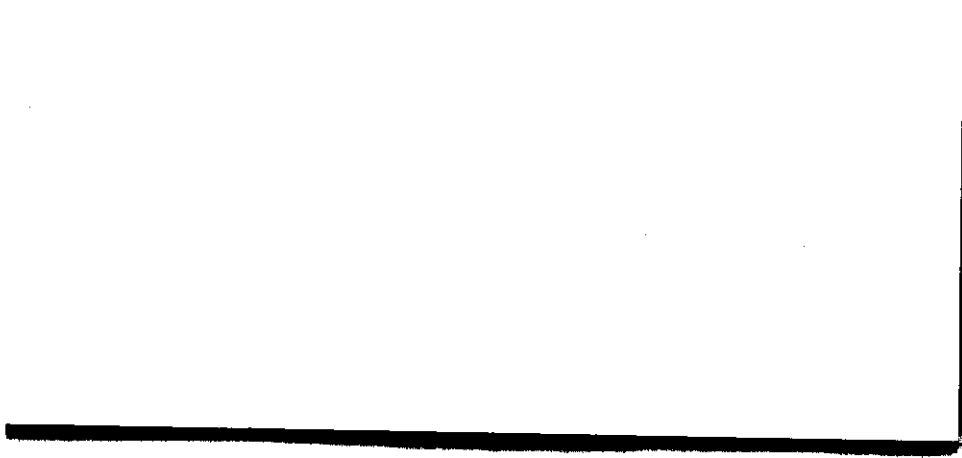


Monday August 11 1936

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	90 °F	Dir.	-	Temp.	68	
Min.	68 °F	Vel.	- m.p.h.	Read.	2881	
Set	69 °F	Char.	CALM	Corr.	28.70	
R. H.	68 %	24 hr. Mov.	M	0700	1300	1900
Ppn.	- in.	Prev. Dir.	M	Sea L.	30.00	3/10
		3 hr. Tend.	4.0 mb	Clds.		
Ppn.	- in.	Snow Depth	- in.	Wx		
		Observer	RLB	Wx		
		Observer	RLB	Vis.	7 mi.	



WEDNESDAY, AUGUST 10, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.			Wind		Barom.	General Obs.		
Max.	86 °F		Dir.	NE	Temp.	67°F		
Min.	57 °F		Vel.	10 m.p.h.	Read.	28.92		
Set	58 °F		Char.	STEADY	Corr.	28.81		
R. H.	77 %		24 hr. Mov.	MSG	Sea L.	0700	1300	1900
Ppn.	Liq.	— in.	Prev. Dir.	MSG	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	Sol.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 miles		61.7°F

$$T_{Dry} = 61.7$$

$$T_{wet} = 57.0$$

$$T_{D.P.} = 53.7$$

$$RH = 77.2$$

August 11, 1983 (THURS)

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

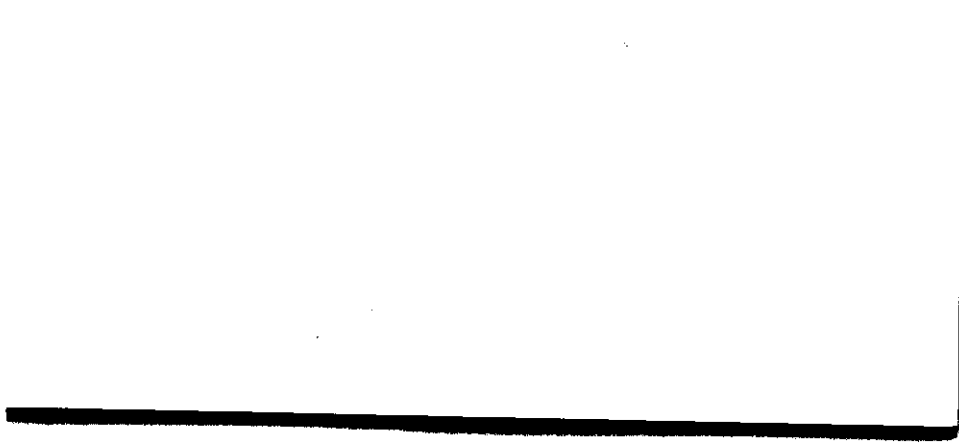
Temp.		Wind		Barom.	General Obs.		
Max.	82 °F	Dir.	E	Temp.	67°		
Min.	58 °F	Vel.	5 m.p.h.	Read.	28.75		
Set	63 °F	Char.	STEADY	Corr.	28.64		
R. H.	75 %	24 hr. Mov.	M	Sea L.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	10/10 St		
				DSS	Wx	Wx	Wx
					Vis.	Vis.	Vis.
					8 mi.		64°

$T_{\text{ROOF}} = 60^\circ$   
 $T_w = 61^\circ$   
 $T_d = 58^\circ$

Friday August 12, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. W	Temp. 66	TRW ~ 1615 Z on the 11 <sup>th</sup>		
Min.	61 °F	Vel. 10 m.p.h.	Read. 28.64			
Set	61 °F	Char. -	Corr. 28.54			
R. H.	79 %	24 hr. Mov. M	Sea L. 29.86	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.63 in.	Prev. Dir. M	3 hr. Tend. +10.6V	Wx -	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer RLB	Vis. 15 mi.	Vis.	Vis. 63°





August 13, 1983 (SAT)

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	N	Temp.	64°			
Min.	56 °F	Vel.	10 m.p.h.	Read.	28.93			
Set	57 °F	Char.	-	Corr.	28.82			
R. H.	87 %	24 hr. Mov.	126 mi.	Sea L.	30.16	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	N	3 hr. Tend.	+3.0mb/	3/10 Cu S+Cu		
						Wx	Wx	Wx
Ppn.	- in.	Snow Depth	- in.	Observer	DSS	Vis.	Vis.	Vis.
						15 mi.		58°

RAMOS

T = 59°

Td = 55°

D.D. day = 4

D.D. TOT = 4



D.D. Tot = 9

Mon. August 15, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	-	Temp.	63°			
Min.	49 °F	Vel.	-	Read.	29.01			
			m.p.h.					
Set	54 °F	Char.	CALM	Corr.	28.91			
R. H.	82 %	24 hr. Mov.	40 mi	Sea L.	30.26	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	E	3 hr. Tend.	+0.8mb/s	Wx	Wx	Wx
Ppn.	- in.	Snow Depth	- in.	Observer	FJG	Vis.	Vis.	Vis.
						20 mi		55°

DD for 11

TUESDAY, AUGUST 16, 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. SE	Temp. 64			
Min.	54 °F	Vel. 3 m.p.h.	Read. 29.00			
Set	57 °F	Char. LIGHT	Corr. 28.89			
R. H.	87 %	24 hr. Mov. 36.7	Sea L. 30.24	0700 Clds. 6/10 Acc	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. NE	3 hr. Tend. + .8ms ✓	Wx P/CLDY	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer P.K.	Vis. 15 miles	Vis.	Vis. 59.5

RAMOS ALIVE AGAIN!

$$T_{D,R} = 54$$

$$D \cdot D_{TT} = 11$$

$$D \cdot Q_{YB} = 0$$





D.D. 11  
TDF

THURSDAY, AUGUST 18, 1953

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	SSW	Temp.	67°F	RW-B 2230LT 8/17 OCCAS RW - QUADRANTE		
Min.	61 °F	Vel.	7 m.p.h.	Read.	28.83			
Set	70 °F	Char.	STEADY	Corr.	28.62			
R. H.	100 %	24 hr. Mov.	89.6	Sea L.	29.92	0700	1300	1900
Ppn.	Liq. .46" in.	Prev. Dir.	S-SW	3 hr. Tend.	±0mb	Clds. SMAS 10/10	Clds.	Clds.
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	P.K.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						1/2 mile		70.6

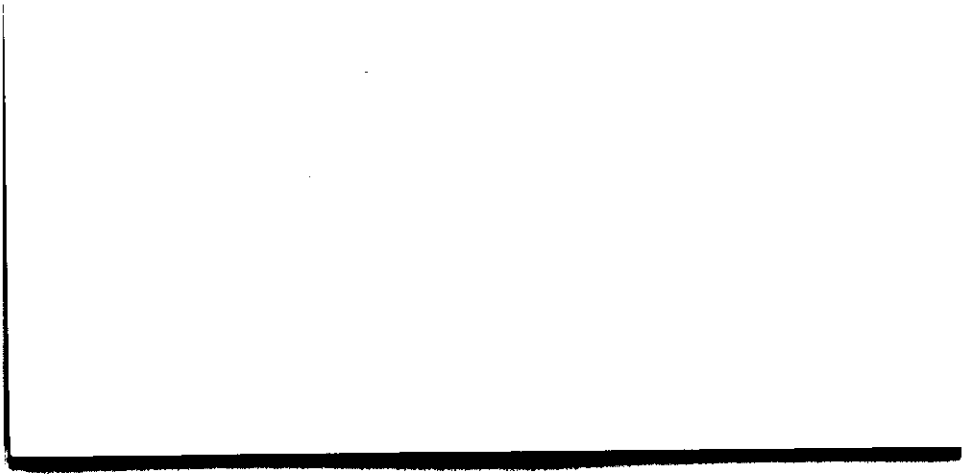
$$DD_{PT} = 11$$

$$TDP = 70$$

FR. August 19, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	82.°F	Dir.	-	Temp.	70	SUN ONLY VSBL RW--ZIDOLT (BTH)			
Min.	63.°F	Vel.	- m.p.h.	Read.	28.82				
Set	65.°F	Char.	CALM	Corr.	28.70				
R. H.	95 %	24 hr. Mov.	99 ml	Sea L.	30.01	0700	1300	1900	
Clds.		PARTIALLY OBSCURED BS		Clds.		Clds.		Clds.	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx		Wx		Wx	
	0.13 in.	W	+1.8 mb	HAZE					
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.		Vis.	
	- in.	- in.	FJG	1 1/2 mi				66°	



SATURDAY, AUG. 20, 1983

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	89 °F	Dir.	SSW	Temp.	72 °F			
Min.	65 °F	Vel.	10 m.p.h.	Read.	28.79			
Set	75 °F	Char.	STEADY	Corr.	28.67			
R. H.	70 %	24 hr. Mov.	84.7	Sea L.	29.95	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+ .2mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.K.	Wx	Wx	Wx
						0/10		
						SOME HAZE		
						Vis.	Vis.	Vis.
						6 miles		77.6

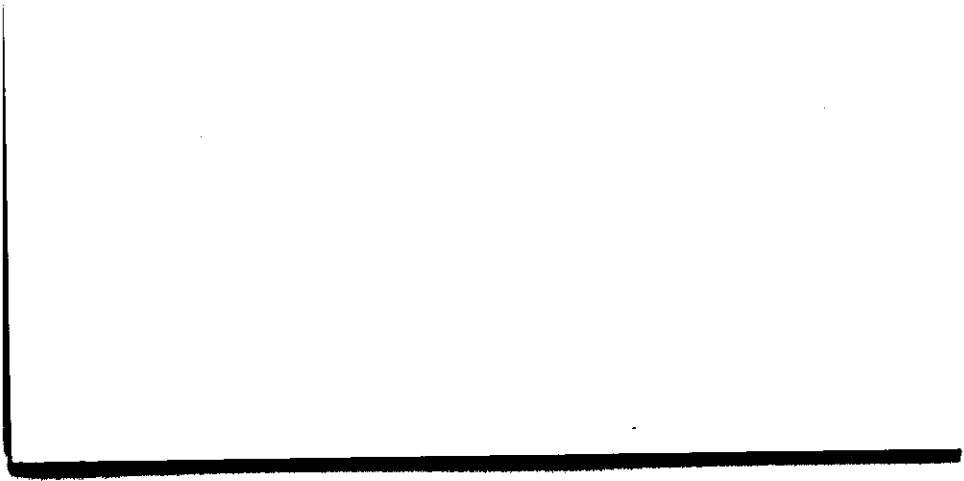
D.D. TOT = 11



Sun. August 21, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

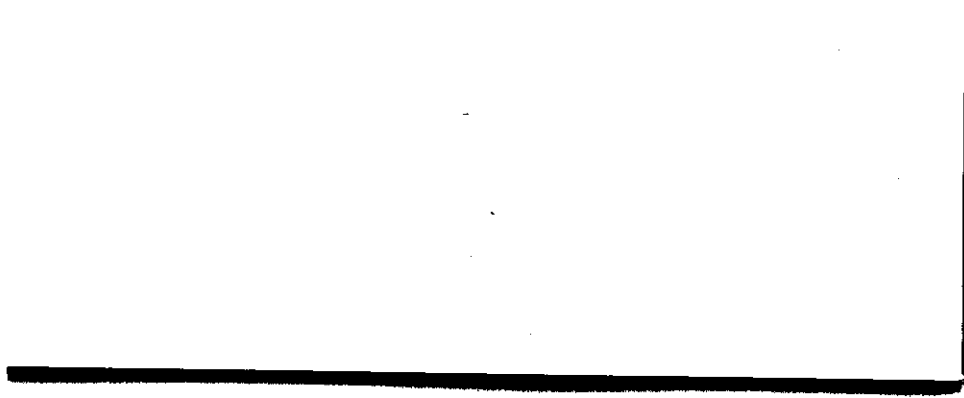
Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir. N	Temp. 70			
Min.	58 °F	Vel. 2 m.p.h.	Read. 28.94			
Set	61 °F	Char. -	Corr. 28.82			
R. H.	71 %	24 hr. Mov. 152 mi	Sea L. 30.15	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. W	3 hr. Tend. +2.0mb	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer FJG	Vis.	Vis.	Vis. 62°



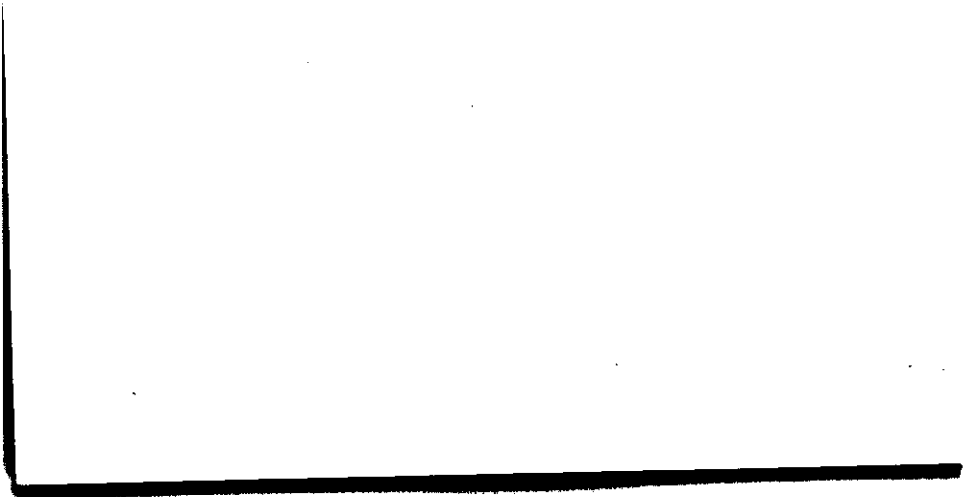
Mon. August 22, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F		Dir. W	Temp. 70	BINOVIC OVHD		
Min. 59 °F		Vel. 4 m.p.h.	Read. 28.77			
Set 61 °F		Char. -	Corr. 28.65	0700	1300	1900
R. H. 88 %		24 hr. Mov. 44 mi	Sea L. 29.97	Clds. C <sub>1</sub> 10/10sc	Clds.	Clds.
Ppn. Liq. 0.04 in.		Prev. Dir. N	3 hr. Tend. +0.0 ~	Wx -	Wx	Wx
Ppn. Sol. - in.		Snow Depth - in.	Observer FJG	Vis. 15 mi	Vis.	Vis. 63°







WEDNESDAY, AUGUST 24, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	E	Temp.	71 °F			
Min.	61 °F	Vel.	5 m.p.h.	Read.	29.12			
Set	62 °F	Char.	LIGHT	Corr.	29.00			
R. H.	71 %	24 hr. Mov.	63	Sea L.	30.34	0700	1300	1900
Clds.				Clds.	3/10 Acc	Clds.		Clds.
Ppn.	Liq.	Prev. Dir.	2 hr. Tend.	Wx		Wx		Wx
—	in.	E-NE	+1.4mb					
Ppn.	Sol.	Snow Depth	Observer	Vis.	15 miles	Vis.		Vis.
—	in.	— in.	P.K					65

$$D_{20} = 11$$

$$D_{\text{avg}} = 553 \cdot F$$



Thursday, August 25, 1983

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	E	Temp.	72 °F			
Min.	61 °F	Vel.	3 m.p.h.	Read.	29.16			
Set	63 °F	Char.	LIGHT	Corr.	29.03			
R. H.	86 %	24 hr. Mov.	70.8	Sea L.	30.36	0700	1300	1900
Ppn.	— in.	Prev. Dir.	E	3 hr. Tend.	+5mb/	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.K.	-X 7/100	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						4 miles		66.4'

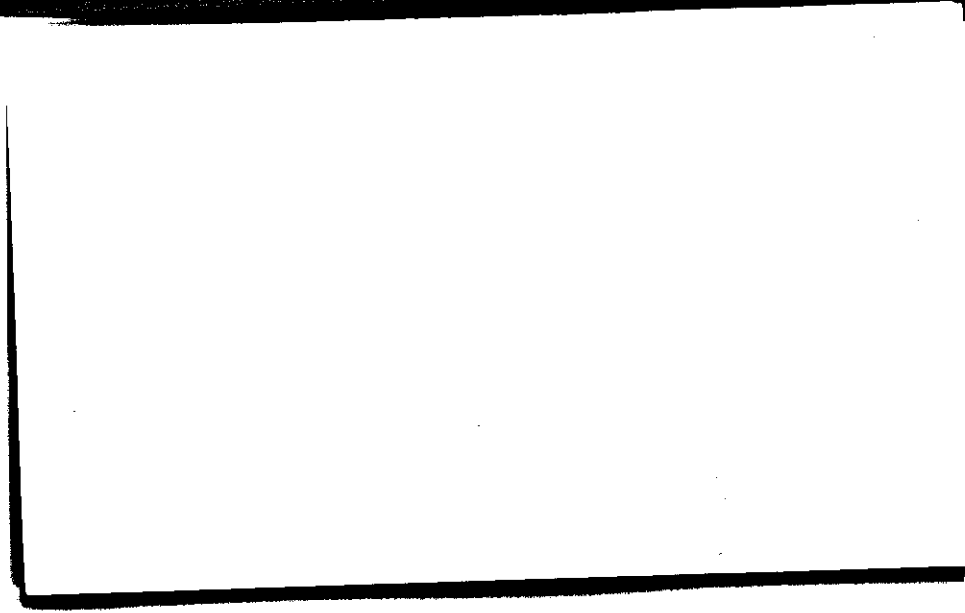
$$D.D_{TV} = 11$$

$$Dewpt = 62.2^{\circ}F$$

FRI. August 26, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	SW	Temp.	72			
Min.	62 °F	Vel.	2 m.p.h.	Read.	29.08			
Set	64 °F	Char.	-	Corr.	28.95			
R. H.	81 %	24 hr. Mov.	121 mi	Sea L.	30.29	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	10mb/r	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	FJG	Clds.	Clds.	Clds.
				Vis.	10mi			66°



SATURDAY, AUGUST 27, 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	89 °F	Dir.	SW	Temp.	72 °F			
Min.	64 °F	Vel.	7 m.p.h.	Read.	28.90			
Set	68 °F	Char.	STEADY	Corr.	28.77			
R. H.	83 %	24 hr. Mov.	89	Sea L.	30.08	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+0.1mb	Clds. - X 0/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.K.	Wx HAZE	Wx	Wx
						Vis. 4 miles	Vis.	Vis. 70

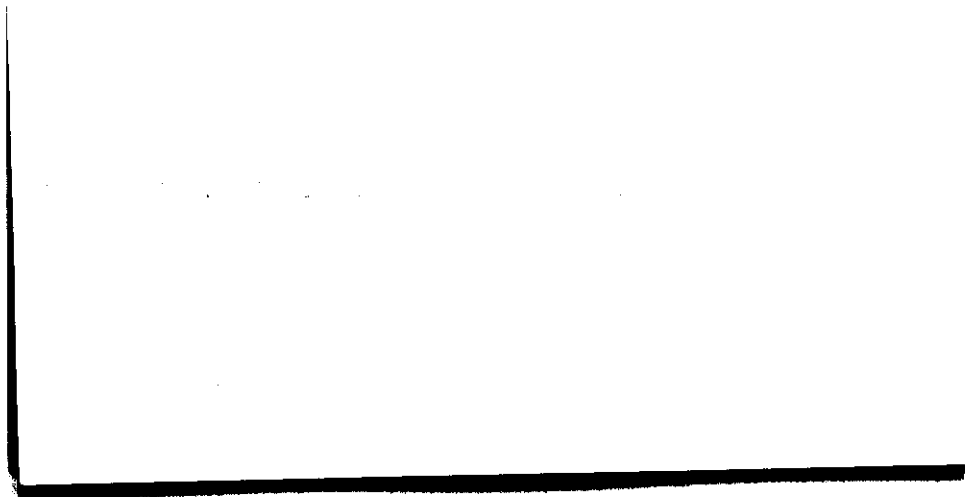
Dewpt = 64.1°F

D.D.<sub>70</sub> = 91

Sun. August 28, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	SW	Temp.	71°	BINOC SUN DMLY VSBL		
Min.	62 °F	Vel.	3 m.p.h.	Read.	28.83			
Set	66 °F	Char.	-	Corr.	28.71			
R. H.	98 %	24 hr. Mov.	67 mi	Sea L.	30.02	0700	1300	1900
Clds.	10/10 SE	Clds.		Clds.				
Ppn. Liq.	0.13 in.	Prev. Dir.	SW	3 hr. Tend.	+0.9 mb /	Wx	FOG/ HAZE	Wx
Wx		Wx		Wx				
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	FJG	Vis.	1 1/2 mi	Vis.
Vis.		Vis.		Vis.		Vis.		67





Mon. August 29, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

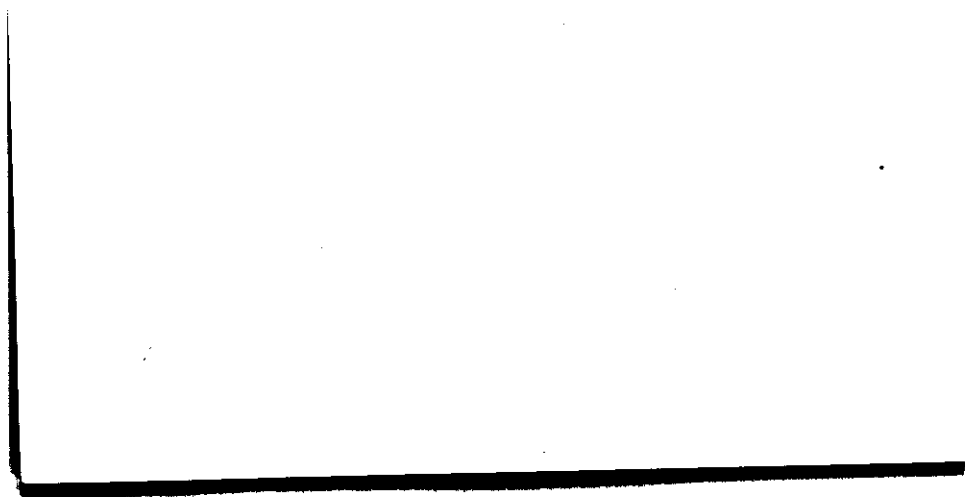
Temp.		Wind	Barom.	General Obs.		
Max.	83°F	Dir. NE	Temp. 72°	SUN DMLY VSBLE		
Min.	62°F	Vel. 4 m.p.h.	Read. 28.78			
Set	62°F	Char. -	Corr. 28.65			
				0700	1300	1900
R. H.	96%	24 hr. Mov. 50 mi	Sea L. 29.97	Clds. OBSCURED	Clds.	Clds.
Ppn. Liq.	0.01 in.	Prev. Dir. SW	3 hr. Tend. +0.6 mb	Wx DENSE FOG	Wx	Wx
Ppn. Sol.	- in.	Snow Depth	Observer FJG	Vis. 1/2 mi	Vis.	Vis. 63°



Tues August 30, 1983 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	W	Temp.	71°			
Min.	60 °F	Vel.	4 m.p.h.	Read.	28.84			
Set	60 °F	Char.	-	Corr.	28.71			
R. H.	95 %	24 hr. Mov.	68 mi	Sea L.	30.04	0700	1300	1900
Ppn. Liq.	0.01 in.	Prev. Dir.	W	3 hr. Tend.	+0.4mb	Clds.	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	SSW	Wx	Wx	Wx
				Observer	SSW	Wx	Wx	Wx
				Observer	SSW	Vis.	Vis.	Vis.
				Observer	SSW	6 mi		62°



WEDNESDAY, AUGUST 31, 1983

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. SSW	Temp. 72 °F			
Min.	60 °F	Vel. 3 m.p.h.	Read. 28.74			
Set	63 °F	Char. STEADY	Corr. 28.61			
R. H.	100 %	24 hr. Mov. 111.3	Sea L. 29.92	0700 Clds. As 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.46 in.	Prev. Dir. WSW	3 hr. Tend. -3.45 V	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer P.K.	Vis. 9 miles	Vis.	Vis. 64

DENPT = 64'F

D.D.<sub>TOT</sub> = 11