

$$\sum_1 = \frac{\underline{\underline{4.15}}}{0.00}$$

SATURDAY, AUGUST 2, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	CALM	Temp.	68	VERY FOGGY - NEAR ZERO W PUKES visibility		
Min.	61 °F	Vel.	— m.p.h.	Read.	28.76			
Set	61 °F	Char.	LIGHT	Corr.	28.64			
R. H.	89 %	24 hr. Mov.	65.9	Sea L.	29.96	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WSW	3 hr. Tend.	+ .4mb/	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	PK	Wx	Wx	Wx
						10/10 STRAWS		
						FOGGY		
						Vis.	Vis.	Vis.
						1/2 mile		

$$T_{DP} = 57.4$$

$$\sum P_{con} = 0.00$$

SUNDAY AUG. 03, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	~	Temp.	68 °F	SUN VISIBLE TRW - ≈ 1415-1500 LDT		
Min.	58 °F	Vel.	0 m.p.h.	Read.	28.85			
Set	60 °F	Char.	CALM	Corr.	28.74			
R. H.	84 %	24 hr. Mov.	53.3 mi	Sea L.	30.07	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx		Clds.	Clds.	Clds.
	0.13 in.	SW	+0.5 MB	FOG		5/10		
Ppn.	Sol.	Snow Depth	Obs. Ver.	Vis.				
	~ in.	~ in.	Obs. Ver.	3/4 mi				

$T_{RAMOS} \rightarrow 61$

$T_{DRAMOS} \rightarrow 56$

$P_{CN} \rightarrow 0.13$

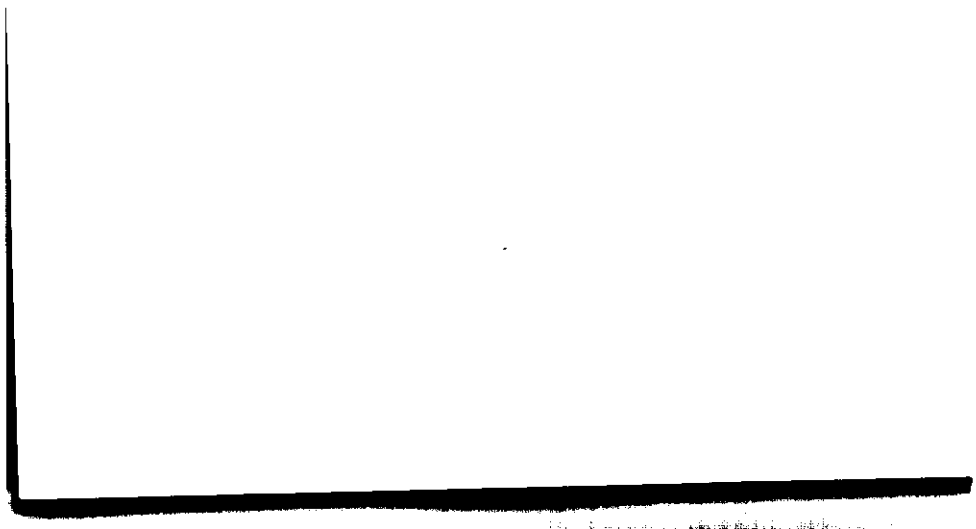
$\sum P_{CN} \rightarrow 0.13$

Mon. AUG 4, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	SW	Temp.	68			
Min.	55 °F	Vel.	5 m.p.h.	Read.	28.94			
Set	59 °F	Char.	-	Corr.	28.81			
R. H.	70 %	24 hr. Mov.	W	Sea L.	30.15	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	85	3 hr. Tend.	+10 /	Wx	Wx	Wx
						SUNNY		
Ppn.	- in.	Snow Depth	- in.	Observer	RMS	Vis.	Vis.	Vis.
						30 mi		



11/11/2020 10:11:11 AM

TUESDAY AUGUST 05 1936 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	N	Temp.	68 °F			
Min.	56 °F	Vel.	2 m.p.h.	Read.	28.92			
Set	59 °F	Char.	LIGHT	Corr.	28.81			
R. H.	72 %	24 hr. Mov.	67.6	Sea L.	29.14	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	~ in.	Prev. Dir.	W	3 hr. Tend.	+0.25	Wx	Wx	Wx
						LT. FOG		
Ppn.	~ in.	Snow Depth	~ in.	Observed	YES	Vis.	Vis.	Vis.
						3 Mi		

TRAMOS \rightarrow 59

T_D RAMOS \rightarrow 50

PCN \rightarrow 0.00

$\sum PCN \rightarrow$ 0.13

DWPT - 60



Thursday, Aug. 7, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SW	Temp. 68 °F	7:15 PM ~ 7:45 PM 3 AM ~ 4:30 AM RW Distance Lightning		
Min.	64 °F	Vel. 3 m.p.h.	Read. 28.83"			
Set	65 °F	Char. Light	Corr. 28.71"			
R. H.	78 %	24 hr. Mov. 80 miles	Sea L. 30.03"	0700 Clds. 7/10 ci cu	1300 Clds.	1900 Clds.
Ppn. Liq.	0.13 in.	Prev. Dir. S	3 hr. Tend. +0.25 in.	Wx FOG/HAZE	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JGWK	Vis. 8 miles	Vis.	Vis.

RAMOS

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

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

$$PCN = 0.13''$$

$$\Sigma PCN = 0.26''$$

Friday, Aug. 8, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	SW	Temp.	68 °F	RW+ 5:49PM - 6:00PM 8/7 RW- 6:00PM - 6:30PM Wind Gust to 36 MPH at 5:50 PM RW-ROJSA-8/8		
Min.	65 °F	Vel.	8 m.p.h.	Read.	28.72"			
Set	67 °F	Char.	Light	Corr.	28.60"			
R. H.	78 %	24 hr. Mov.	90.9 miles	Sea L.	29.90"	0700	1300	1900
Ppn.	03 in.	Prev. Dir.	SW	3 hr. Tend.	±0.0	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JGWK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						8 miles		

RAMOS

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

$$T_d = 58^{\circ}\text{F}$$

$$PCN = 0.03''$$

$$\Sigma PCN = 0.29''$$

Saturday, August 9, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	WSW	Temp.	68° F	FOG, HAZE		
Min.	63 °F	Vel.	8 m.p.h.	Read.	28.74	RW - 2030 - 030 LDT 8th RW - 2230 - 0030 LDT 9th DISTANT LIGHTNING, MAINLY S & W		
Set	66 °F	Char.	Steady	Corr.	28.62			
R. H.	71 %	24 hr. Mov.	125.9 M.	Sea L.	29.93	0700	1300	1900
Ppn.	0.01 in.	Prev. Dir.	SW	3 hr. Tend.	H. 4mb ✓	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JEL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						6/10 Cu		
						Darkly cloudy		
						5 miles		

$$\bar{T} = 73$$

$$T_{\text{roof}} = 67$$

$$T_{\text{noF}} = 57$$

$$H_{00} = 0$$

$$\sum H_{00} = 0$$

$$\sum D_{cm} = 0.01$$

$$T_{\text{max}} = 95 \quad 1900$$

$$T_{\text{min}} = 44 \quad 1927$$

$$T_{\text{AVG}} =$$

Sunday, Aug. 10, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.					
Max.	82°F	Dir.	-	Dark clouds to NW of station					
Min.	58°F	Vel.	CALM						
Set	60°F	Char.	-						
				Temp.	67°F	Read.	28.86"	Corr.	28.74"
R. H.	72%	24 hr. Mov.	108.2 miles	Sea L.	30.07"	0700	1300	1900	
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	±0.0mb	Clds.	Clds.	Clds.	
Ppn.	0 in.	Snow Depth	0 in.	Observer	JGWK	Wx	Wx	Wx	
				Vis.	8 miles	Wx	Wx	Wx	
				Vis.		Wx	Wx	Wx	

RAMOS

$$T = 61^{\circ}\text{F}$$

$$T_{\text{d}} = 52^{\circ}\text{F}$$

$$\text{PCN} = 0$$

$$\Sigma \text{PCN} = 0.30''$$

MON AUG 11, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	81 °F	Dir.	W	Temp.	RW - 0915 - 0925 EDT 10TH		
Min.	60 °F	Vel.	8 m.p.h.	Read.	RW ~ 1700 EDT 10TH		
Set	64 °F	Char.	-	28.77	RW ~ 2100 EDT 10TH		
				28.65	FROPA ~ MIDNIGHT		
R. H.	63 %	24 hr. Mov.	119 mi.	Sea L.	0700	1300	1900
Ppn.	.10 in.	Prev. Dir.	SSW	29.96	Clds.	Clds.	Clds.
					9/10		
Ppn.	- in.	Snow Depth	- in.	3 hr. Tend.	Wx	Wx	Wx
				+35 mb	-		
				Observer	Vis.	Vis.	Vis.
				RMS	18 mi		

$$\epsilon_P = .40$$

$$T_d = 52$$

TUESDAY AUG 12, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	~	Temp.	69 °F			
Min.	47 °F	Vel.	0 m.p.h.	Read.	29.99			
Set	50 °F	Char.	CALM	Corr.	29.87			
R. H.	65 %	24 hr. Mov.	80.4	Sea L.	30.29	0700	1300	1900
Ppn.	~ in.	Prev. Dir.	W	3 hr. Tend.	+2.0 MB	Clds.	Clds.	Clds.
Ppn.	~ in.	Snow Depth	~ in.	Observer	AES	Wx	Wx	Wx
				Vis.	35 Mi	Vis.	Vis.	Vis.

TRANDS \rightarrow 51

T₀ RANDS \rightarrow 38

P_{CN} \rightarrow 0.00

\sum P_{CN} \rightarrow .40

$\mu_{00} = 4$
 $\epsilon = 4$

Wed., Aug. 13, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.		General Obs.		
Max.	75 °F	Dir. NE	Temp.	66 °F			
Min.	50 °F	Vel. 2 m.p.h.	Read.	29.10"			
Set	56 °F	Char. Light	Corr.	28.99"			
R. H.	61 %	24 hr. Mov. 47.4 miles	Sea L.	30.34"	0700	1300	1900
Ppn.	0 in.	Prev. Dir. N	3 hr. Tend. +0.5mb	Cldg.	Clds.	Clds.	
Ppn.	0 in.	Snow Depth 0 in.	Observer JGWK	Wx OVC	Wx	Wx	
				Vis. 15 miles	Vis.	Vis.	

RAMOS

$$T = 57^{\circ}\text{F}$$

$$T_d = 43^{\circ}\text{F}$$

$$PCN = 0$$

$$\epsilon PCN = 0.40''$$

$$H_{01} = 2$$

$$z = 6$$

Thursday, Aug. 14, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	-	Temp.	73 °F	Valley Fog		
Min.	54 °F *	Vel.	CALM	Read.	29.03"	(**) Reading should be 57°F		
Set	56 °F **	Char.	-	Corr.	28.90"	* Alcohol column separation spotted. Observed min therm. readings likely 1°F too low. Reading should be 55°F		
R. H.	63 %	24 hr. Mov.	43.4 miles	Sea L.	30.25"	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	E	3 hr. Tend.	+0.5ml	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JGWK	Wx	Wx	Wx
						3/10 ci cist		
						Wx SCT		
						Vis.	Vis.	Vis.
						3 miles		

RAMOS

$$T = 59^{\circ}\text{F}$$

$$T_d = 46^{\circ}\text{F}$$

$$PCN = 0$$

$$\Sigma PCN = 0.40''$$

FRIDAY Aug. 15, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SW	Temp. 68 F	Due to separation * Reading should be 57°F ** " " " " be 66°F Separation problem corrected as of 1230Z		
Min.	56 * °F	Vel. 3 m.p.h.	Read. 28.90 12			
Set	65 * °F	Char. Steady	Corr. 28.78			
R. H.	63 %	24 hr. Mov. 86.1 mi.	Sea L. 30.10	0700 Clds. ci 9/10 cu	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. S	3 hr. Tend. + .75 mb	Wx 00	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JGWK/JM	Vis. 9 mile	Vis.	Vis.

RAMOS

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

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

$$\text{PCN} = 0$$

$$\Sigma \text{PCN} = 0.40$$

SATURDAY, AUGUST 16, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F		Dir. W	Temp. 75°	HAZE FOG TRW- 8-1600 L SUN VISIBLE E-1600 L		
Min. 66 °F		Vel. 3 m.p.h.	Read. 28.77			
Set 68 °F		Char. Gentle	Corr. 28.64			
				0700	1300	1900
R. H. 71 %		24 hr. Mov. 92.9 miles	Sea L. 29.94	Clds. 9/10 Cu	Clds.	Clds.
Ppn. T	Liq. in.	Prev. Dir. S	3 hr. Tend. 70.2 mb	Wx Mostly Cloudy	Wx	Wx
Ppn. —	Sol. in.	Snow Depth — in.	Observer JEL	Vis. 2 Miles	Vis.	Vis.

$$\bar{T} = 71.6$$

$$T_{\text{roof}} = 68$$

$$T_{\text{roof}} = 58$$

$$H_{00} = 0$$

$$\sum H_{00} = 6$$

$$\sum P_{00} = 0.90$$

$$T_{\text{max}} = 93 \quad 1938$$

$$T_{\text{min}} = 46 \quad 1981$$

$$T_{\text{avg}} = 81/59$$

SUN., APR. 17, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82°F	Dir. CALM	Temp. 69°F			
Min.	66°F	Vel. 0 m.p.h.	Read. 28.81"			
Set	67°F	Char. CALM	Corr. 28.69"			
R. H.	74 %	24 hr. Mov. M	Sea L. 29.99"	0700 Clds. obscured	1300 Clds.	1900 Clds.
Ppn. Liq.	.03 in.	Prev. Dir. M	3 hr. Tend. +0.5mb	Wx ≡ 00	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 1/8 mi.	Vis.	Vis.

$$\bar{T} = 74$$

$$T_{\text{RWF}} = 68$$

$$T_{\text{DRWF}} = 58$$

$$H_{\text{DD}} = 0$$

$$\Sigma H_{\text{DD}} = 6$$

$$\Sigma P_{\text{CN}} = 0.43$$

$$T_{\text{max}} = 94 \quad 1913$$

$$T_{\text{min}} = 46 \quad 1981$$

$$T_{\text{avg}} = 80/59$$

Monday, Aug. 18, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74°F	Dir. NE	Temp. 69°F	Lt. Sprinkle 7:30 P.M. RW 6:00 P.M.		
Min.	67°F	Vel. 3 m.p.h.	Read. 28.80"			
Set	68°F	Char. Light	Corr. 28.68"			
R. H.	71 %	24 hr. Mov. M	Sea L. 29.99"	0700 Clds. 9/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0.09 in.	Prev. Dir. M	3 hr. Tend. +0.75 mb	Wx FOG BANKS IN OVC	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JGWK	Vis. 2 miles	Vis.	Vis.

RAMOS

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

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

$$PCN = 0.09''$$

$$\Sigma PCN = 0.52''$$

AUG. 19, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	NE	Temp.	76 °F			
Min.	64 °F	Vel.	6 m.p.h.	Read.	28.95"			
Set	66 °F	Char.	Gusty	Corr.	28.82			
R. H.	63 %	24 hr. Mov.	84.6 mi.	Sea L.	30.14	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	+1.5 mb	10/10	Wx	Wx
						OVC		
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Vis.	Vis.	Vis.
						10 mi.		

$$T_{\text{rms}} = 66$$

$$T_{\text{d rms}} = 54$$

$$H_{\text{DD}} = 0$$

$$\Sigma H_{\text{DD}} = 6$$

$$\Sigma \text{pcw.} = 0.52''$$

AUG. 20, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. E	Temp. 69 °F	STRATOCUMULUS BINOVIC		
Min.	63 °F	Vel. 8 m.p.h.	Read. 29.02"			
Set	66 °F	Char. STEADY	Corr. 28.90"			
R. H.	64 %	24 hr. Mov. 58.6 mi	Sea L. 30.22"	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. N	3 hr. Tend. +1.5 mb	Wx 00	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 5 mi.	Vis.	Vis.

$$T_{\text{RAMS}} = 67^{\circ}\text{F}$$

$$T_{\text{RAMA}} = 55^{\circ}\text{F}$$

$$H_{\text{DD}} = 0$$

$$\Sigma H_{\text{DD}} = 6$$

$$\Sigma \text{pcn.} = 0.52''$$

Thu, Aug. 21, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. E	Temp. 68 °F	Lt. Rain ^{7:15} 6:30 AM - 8AM			
Min. 63 °F	Vel. 8 m.p.h.	Read. 29.03"				
Set 63 °F	Char. Gusty	Corr. 28.91"				
R. H. 67 %	24 hr. Mov. 104.5 miles	Sea L. 30.24"	0700 Clds. 10/10	1300 Clds.	1900 Clds.	
Ppn. Liq. 0.08 in.	Prev. Dir. E	3 hr. Tend. +1.0ms /	Wx Lt. Rain FOG	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JGWK	Vis. 3 miles	Vis.	Vis.	

RAMOS

$$T = 63$$

$$T_d = 52$$

$$PCN = 0.08$$

$$\Sigma PCN = 0.60''$$

Friday, Aug. 22, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	* 66 °F	Dir.	N	Temp.	68 °F	* Ties record min max for date 66 °F 1915, 1961 Drizzle 8AM ~ 4:30PM Low clouds along Tussey Ridge		
Min.	61 °F	Vel.	4 m.p.h.	Read.	29.08"			
Set	63 °F	Char.	Steady	Corr.	28.96"			
R. H.	59 %	24 hr. Mov.	32.6 miles	Sea L.	30.29"	0700	1300	1900
Ppn. Liq.	0.15" in.	Prev. Dir.	N	3 hr. Tend.	+1.0mb/	Clds.	Clds.	Clds.
Ppn. Sol.	0 in.	Snow Depth	0 in.	Observer	JGUK	Wx	Wx	Wx
				Vis.	3 miles	Vis.	Vis.	Vis.

RAMOS

$$T = 65^{\circ}\text{F}$$

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

$$\text{PCN} = 0.15''$$

$$\Sigma \text{PCN} = 0.75''$$

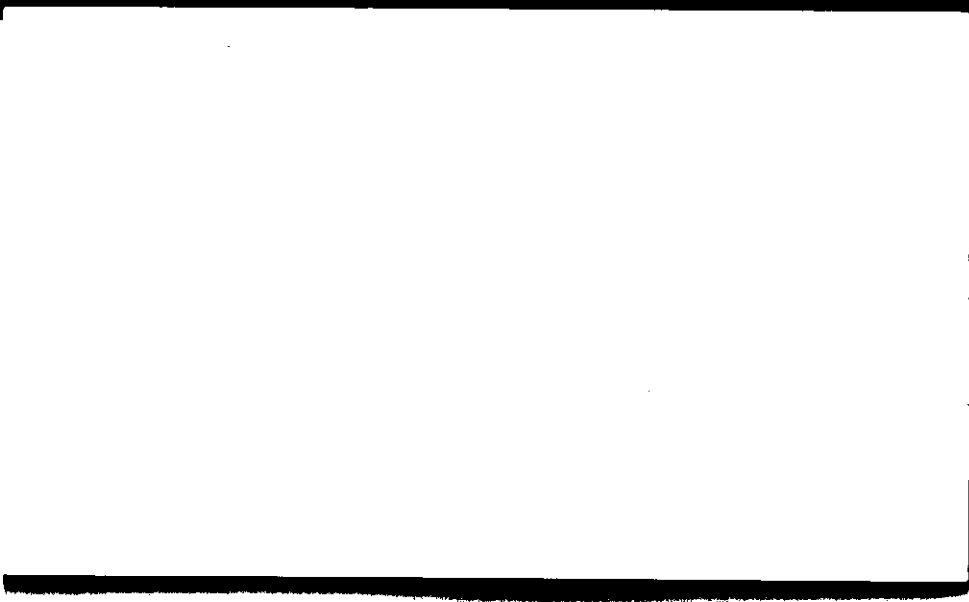
$$H_{DD} = 1$$

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

Sat. August 23, 1956 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir.	66			
Min.	54 °F	Vel.	28.93			
		m.p.h.				
Set	57 °F	Char.	28.82			
		CALM				
R. H.	63 %	24 hr. Mov.	Sea L.	0700	1300	1900
		41 mL	30.16	Clds.	Clds.	Clds.
				7/10 C ₀		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
-	in.	N	-11 mmbl	HAZE		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
-	in.	- in.	FJG	6 mL		



[Illegible text or markings]

AUG. 24, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	81 °F	Dir.	NW	Temp.	66	SET CU over ridges + W wind gusting to 22 mph. TRW+ ≈ 2230-2300Z reported LTG CG E. HANLON AR. ≈ 6:40 AM (AOT)			
Min.	54 °F	Vel.	12 m.p.h.	Read.	28.82				
Set	56 °F	Char.	GUSTY	Corr.	28.71				
R. H.	49 %	24 hr. Mov.	129 mi	Sea L.	30.05	Clds.	0700	1300	1900
Ppn.	.86 in.	Prev. Dir.	W	3 hr. Tend.	+1.5 mb	Clds.	1/10 CU		
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Wx	CLR		
						Vis.	35 mi.		

$$T_{d \text{ Ramos}} = 37^{\circ}\text{F}$$

$$\Sigma H_{00} = 6$$

$$\Sigma p_{\text{ew.}} = 1.61''$$

MON. AUG 25, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. SW	Temp. 64 °F			
Min.	47 °F	Vel. 2 m.p.h.	Read. 28.99			
Set	50 °F	Char. LIGHT	Corr. 28.89			
R. H.	54 %	24 hr. Mov. 151.9 mi	Sea L. 29.31	0700 Clds. AC 9/10	1300 Clds.	1900 Clds.
Ppn.	~ in.	Prev. Dir. N	3 hr. Tend. +2.0 MB	Wx	Wx	Wx
Ppn.	~ in.	Snow Depth ~ in.	Obs. PSS	Vis. 35 Mi	Vis.	Vis.

$$T_{\text{RAMOS}} \rightarrow 48$$

$$T_{\text{DRAMOS}} \rightarrow 32$$

$$P_{\text{CN}} \rightarrow 0.00$$

$$\sum P_{\text{CN}} \rightarrow 1.61$$

$$H_{\text{OD}} \rightarrow 34$$

$$\sum H_{\text{OD}} \rightarrow 11$$

$$\bar{T} \rightarrow 60.5$$

Tuesday August 26, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir.	-	Temp.	65°F	
Min.	50 °F	Vel.	- m.p.h.	Read.	29.01	
Set	54 °F	Char.	CALM	Corr.	28.91	
R. H.	54 %	24 hr. Mov.	35 mi.	Sea L.	30.26	
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	+0.0mb-	
Ppn.	- in.	Snow Depth	- in.	Observer	RLB	
				0700	1300	1900
				Clds.	Clds.	Clds.
				2/10		
				Wx	Wx	Wx
				-		
				Vis.	Vis.	Vis.
				15 mi.		

$$H_{DD} = 3$$

$$\Sigma H_{DD} = 14$$

WED. AUG 27, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. WSW	Temp. 69°F	OVRNHT LOW ≈ 69°F STRATOCU OVH DARK W		
Min.	54 °F	Vel. 10 m.p.h.	Read. 28.66			
Set	71 °F	Char. GUSTY	Corr. 28.54			
R. H.	49 %	24 hr. Mov. 139mi.	Sea L. 29.83	0700	1300	1900
Ppn.	Liq. .01 in.	Prev. Dir. SW	3 hr. Tend. +1.0mb	Clds. 10/10	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Wx RW-	Wx	Wx
			Observer JHM	Vis. 12 mi.	Vis.	Vis.

$$T_{dmax} = 52$$

$$P_{CN} = .01$$

$$\Sigma P_{CN} = 1.62$$

$$H_{00} = 0$$

$$\Sigma H_{00} = H$$

Thursday Aug. 28, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	72 °F	Dir.	NNW	Temp.	RW - ~ 08Z			
				64				
Min.	50 °F	Vel.	14 m.p.h.	Read.				28.84
Set	50 °F	Char.	steady	Corr.	28.73			
R. H.	48 %	24 hr. Mov.	124.7	Sea L.	29.09	0700	1300	1900
						Clds.	Clds.	Clds.
						3/10		
Ppn. Liq.	.01 in.	Prev. Dir.	W	3 hr. Tend.	+1.7 _b	Wx	Wx	Wx
						sunny		
Ppn. Sol.	0 in.	Snow Depth	0 in.	Observer	LAS	Vis.	Vis.	Vis.
						20 mi		

$$T_{\text{dramos}} = 30$$

$$H_{00} = 4$$

$$\sum H_{00} = 18$$

$$P_{cn} = 0.01$$

$$\sum P_{cn} = 1.63$$

FRIDAY AUG. 29, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. ~	Temp. 68 °F			
Min.	42 °F	Vel. 0 m.p.h.	Read. 29.06			
Set	43 °F	Char. CALM	Corr. 28.95	0700	1300	1900
R. H.	47 %	24 hr. Mov. 120 mi.	Sea L. 30.34	Clds. 0/10	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. NW	3 hr. Tend. +2.0MB	Wx SUNNY	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JES	Vis. 35Mi	Vis.	Vis.

TRAMOS \rightarrow 46

TORAMOS \rightarrow 26

PCN \rightarrow 0

Σ PCN \rightarrow 1.63

\bar{T} \rightarrow 53

HDD \rightarrow 12

Σ HDD \rightarrow ~~27~~ 30

Sat. August 30, 1986

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		* TIES RECORD MIN ** ESTIMATED FROM INTERPOLATION OF NEARBY DEW POINTS					
Max.	67°F	Dir.	-	Temp.	66						
Min.	39*	Vel.	-	Read.	29.24						
Set	42°F	Char.	CALM	Corr.	29.13						
R. H.	85**	24 hr. Mov.	45 mi	Sea L.	30.53	0700	1300	1900			
Ppn.	-	Prev. Dir.	NW	3 hr. Tend.	+1.2mb/	Clds.	Clds.	Clds.			
	- in.					0/10					
Ppn.	-	Snow Depth	- in.	Observer	FJG	Wx	Wx	Wx			
	- in.					-					
				Observer	FJG	Vis.	Vis.	Vis.			
						35 mi					

$$\sum p_{\text{req}} = 1.63$$

$$H_{DD} = 12$$

$$\sum H_{DD} = 3942$$

$T_{RAMOS} \rightarrow 48$

$T_D RAMOS \rightarrow 29$

$PCN \rightarrow 0.00$

$\sum PCN \rightarrow 1.63$

$\bar{T} \rightarrow 58$

$HDD \rightarrow 7$

$\sum HDD \rightarrow 48$