

Monday, Dec. 1, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45°F	Dir. NE	Temp. 72°F	Frost Haze Wind gust to 15mph.		
Min.	19°F	Vel. 7 m.p.h.	Read. 29.37			
Set	19°F	Char. Gusty	Corr. 29.24			
R. H.	70%	24 hr. Mov. 89.5mi	Sea L. 30.71	0700	1300	1900
Ppn.	Liq. 0 in.	Prev. Dir. NE	3 hr. Tend. /	Clds. Cir 6/10 Alt. St.	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Wx —	Wx	Wx
				Vis. 25mi	Vis.	Vis.

$$T_d(\text{unp}) = 11^\circ\text{F}$$

$$\bar{T} = 33^\circ\text{F}$$

$$H_{00} = 32$$

$$\Sigma H_{00} = \del{6} 32$$

$$\Sigma p_{un} = \del{15} 0$$

Tuesday December 2, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. ESE	Temp. 72°F	Precip. began ~ 1150 GMT		
Min.	19 °F	Vel. 8 m.p.h.	Read. 29.13			
Set	32 °F	Char. Gusty	Corr. 29.01	Overnight Low ~ 29°F		
R. H.	85%	24 hr. Mov. 140 mi.	Sea L. 30.43			
Ppn.	Liq. T in.	Prev. Dir. E	3 hr. Tend. -4.0mb	Clds. 10/10	Clds.	Clds.
Ppn.	Sol. T in.	Snow Depth - in.	Observer RLB	Wx R-IP-	Wx	Wx
				Vis. 3 mi.	Vis.	Vis.

$$T_d = 28^\circ\text{F}$$

$$\bar{T} = 27$$

$$H_{DD} = 38$$

$$\Sigma H_{DD} = 70$$

$$\Sigma P = T$$

Wed Dec 3, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	42 °F	Dir.	WSW	Temp.	72	Fog IP ~ 0710 EST, Dec 2		
Min.	32 °F	Vel.	8 m.p.h.	Read.	28.46			
Set	40 °F	Char.	steady	Corr.	28.34			
R. H.	90 %	24 hr. Mov.	108 mi	Sea L.	29.70	0700	1300	1900
Ppn. Liq.	0.73 in.	Prev. Dir.	E	3 hr. Tend.	+0.1 V	Clds. 10 10	Clds.	Clds.
Ppn. Sol.	T in.	Snow Depth	0 in.	Observer	LAS	Wx L-	Wx	Wx
				Observer	LAS	Vis. 3 mi	Vis.	Vis.

$$T_0 = 40$$

$$T_{upwx} = 43$$

$$\bar{T} = 37$$

$$H_{00} = 28$$

$$\sum H_{00} = 98$$

$$\sum P_{cn} = 0.73$$

THURS, DEC 4, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. W	Temp. 72	WIND GUSTS TO 28 mph CU + STRATOCU		
Min.	31 °F	Vel. 14 m.p.h.	Read. 28.75			
Set	31 °F	Char. GUSTY	Corr. 28.62			
R. H.	49 %	24 hr. Mov. 246 mi.	Sea L. 30.02	0700 Clds. 5/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .01 in.	Prev. Dir. SW	3 hr. Tend. +2.0 mb	Wx SCT	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 0 in.	Observer JHM	Vis. 35 mi.	Vis.	Vis.

$$T_d(uvN) = 14$$

$$\bar{T} = 39$$

$$H_{00} = 26$$

$$\Sigma_{00} = 124$$

$$\Sigma_{pcN} = 0.74''$$

Fri, Dec-5, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	W	Temp.	73			
Min.	25 °F	Vel.	10 m.p.h.	Read.	29.15			
Set	25 °F	Char.	Steady	Corr.	29.02			
R. H.	71 %	24 hr. Mov.	2567	Sea L.	30.46	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+2.01	Clds.	Clds.	Clds.
						10/10		
						Wx	Wx	Wx
						SW-		
Ppn.	T in.	Snow Depth	0 in.	Observer	LAS	Vis.	Vis.	Vis.
						20 mi		

$$T_d = 17$$

$$\bar{T} = 31.5$$

$$H_{00} = 34$$

$$\sum P_{cn} = 0.74$$

$$\sum H_{00} = 158$$

SATURDAY, DECEMBER 6, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	31 °F	Dir. SW	Temp. 73°F	HEAVY FROST FEW FLURRIES AM OF 500 NUMEROUS CONTRAILS SMOKE PLUME TO NORTHWEST.		
Min.	21 °F	Vel. 5 m.p.h.	Read. 29.24			
Set	21 °F	Char. Steady	Corr. 29.11			
R. H.	71 %	24 hr. Mov. 120.3 M:	Sea L. 80.57	0700 Clds. 2/10 Ci	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. -0.2 mb	Wx Mostly Clear	Wx	Wx
Ppn.	Sol. T in.	Snow Depth — in.	Observer JEL	Vis. 40 Miles	Vis.	Vis.

$$\bar{T} = 26$$

$$T_{\text{roof}} = 21$$

$$T_{\text{air}} = 16$$

$$H_{\text{DD}} = 39$$

$$Z_{\text{HDD}} = 197$$

$$Z_{\text{PCN}} = 0.74$$

$$T_{\text{max}} = 63 \text{ } 1051$$

$$T_{\text{min}} = -4 \text{ } 1026$$

$$T_{\text{avg}} = 39/25$$

$$T_d(\text{UNP}) = 23^\circ\text{F}$$

$$\bar{T} = 32^\circ\text{F}$$

$$H_{00} = 33$$

$$\sum H_{00} = 230$$

$$\sum pcr = 0.74'$$

Monday, Dec. 8, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	46°F	Dir. W	Temp. 72°F	Fog east Smoke plume east		
Min.	33°F	Vel. 2 m.p.h.	Read. 29.03			
Set	38°F	Char. light; steady	Corr. 28.90			
R. H.	82%	24 hr. Mov. 157.3mi	Sea L. 30.30	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +1.1mb ✓	Clds. 10/10	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Wx Haze L--	Wx	Wx
				Vis. 10mi	Vis.	Vis.

Ramos overnight low = 37°F

$$T_d(\text{unp}) = 33^\circ\text{F}$$

$$\bar{T} = 40^\circ\text{F}$$

$$H_{00} = 25$$

$$\Sigma H_{00} = 255$$

$$\Sigma p_{cn} = 0.74''$$

Tuesday December 9, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40°F	Dir. —	Temp. 72°F			
Min.	35°F	Vel. — m.p.h.	Read. 28.94			
Set	39°F	Char. CALM	Corr. 28.82	0700	1300	1900
R. H.	89 %	24 hr. Mov. 70 mi.	Sea L. 30.21	Clds. 10/10	Clds.	Clds.
Ppn. Liq.	.18 in.	Prev. Dir. E	3 hr. Tend. -1.5MB \	Wx ??	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer RLB	Vis. 3 mi.	Vis.	Vis.

$$\bar{T}_d = 36^\circ\text{F}$$

$$\bar{T} = 38^\circ\text{F}$$

$$H_{00} = 27$$

$$\Sigma H_{00} = 282$$

$$\Sigma P = .92$$

Wed. Dec. 10, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. WSW	Temp. 72			
Min.	39 °F	Vel. 10 m.p.h.	Read. 28.74			
Set	40 °F	Char. steady	Corr. 28.62	0700	1300	1900
R. H.	86 %	24 hr. Mov. 119.2	Sea L. 30.00	Clds. 10/10	Clds.	Clds.
Ppn. Liq.	0.35 in.	Prev. Dir. SW	3 hr. Tend. +1.3 ✓	Wx L-	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer LAS	Vis. 10 mi	Vis.	Vis.

$$T_d = 36$$

$$\bar{T} = 44$$

$$M_{00} = 21$$

$$\sum H_{00} = \del{21} 303$$

$$\sum P_{cn} = 1.27$$

THURS., DEC 11, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir.	Temp.	ALTOCU + ALTOSTRAT		
		—	73			
Min.	21 °F	Vel.	Read.			
		0 m.p.h.	28.88			
Set	23 °F	Char.	Corr.	0700	1300	1900
		CALM	28.75			
R. H.	71 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		161.2 mi.	30.18	8/10ths	✓	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
	T in.	W	-0.5 mb	BKN		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
	0 in.	0 in.	JHM	20 mi.		

$$T_d(uvN) = 15$$

$$\bar{T} = 32$$

$$H_{DD} = 33$$

$$\Sigma DD = 336$$

$$\Sigma pcw = 1.27$$

Fri. Dec 12, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	30 °F	Dir.	WSW	Temp.	wind gusts → 20 mph ~ 1800-2000 EST			
Min.	23 °F	Vel.	15 m.p.h.	Read.				28.77
Set	29 °F	Char.	gusty	Corr.				28.64
R. H.	71 %	24 hr. Mov.	82.01	Sea L.	30.05	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.2 mb	Clds.	10/10	Clds.
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Wx		Wx
				Observer	LAS	Vis.	20 mi	Vis.

$$T_d = 21$$

$$F = 27$$

$$H_{00} = 38$$

$$\Sigma H_{00} = 374$$

$$\Sigma P_{cn} = 1.2 >$$

SATURDAY, DEC. 13, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. NW	Temp. 71	SW, occul smt 2300 LST 12/12/86		
Min.	18 °F	Vel. 8-16 m.p.h.	Read. 29.14			
Set	19 °F	Char. STEADY	Corr. 29.01			
R. H.	~60 %	24 hr. Mov. 197.4	Sea L. 30.47	0700 Clds. 4/10 Sea	1300 Clds.	1900 Clds.
Ppn.	Liq. .01 in.	Prev. Dir. W	3 hr. Tend. +.15"/	Wx	Wx	Wx
Ppn.	Sol. .2 in.	Snow Depth TRACE in.	Observer PK	Vis. 3.5 miles	Vis.	Vis.

$$T_d \sim 11^\circ\text{F}$$

$$\bar{T} = 26$$

$$H_{OD} = 39$$

$$\sum H_{OD} = 413$$

$$\sum R_w = 1.28$$

Sunday Dec. 14, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.				
Max.	27 °F	Dir.	W	Temp.	71				
Min.	11 °F	Vel.	4 m.p.h.	Read.	29.27				
Set	11 °F	Char.	light	Corr.	29.15				
R. H.	76 %	24 hr. Mov.	95.5 mi	Sea L.	30.65	0700	1300	1900	
Clds.				Clds.	to				
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	-2.5 mb	Wx	Wx	Wx	
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	LAS	Vis.	35 mi
Vis.				Vis.	35 mi				

$$T_d = 5$$

$$\bar{T} = 19$$

$$H_{00} = 46$$

$$\Sigma_{00} = 459$$

$$\Sigma p_{cn} = 1.28$$

Monday, Dec. 15, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	W	Temp.	72 °F	Ramos overnight low = 30 °F		
Min.	11 °F	Vel.	7 m.p.h.	Read.	29.10			
Set	34 °F	Char.	Steady	Corr.	28.97			
R. H.	64 %	24 hr. Mov.	172.7	Sea L.	30.39	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+0.9 mb ✓	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JAP	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 mi		

$$T_d(\text{wsp}) = 23^\circ\text{F}$$

$$\bar{T} = 25^\circ\text{F}$$

$$H_{00} = 40$$

$$\sum H_{00} = 499$$

$$\sum pcn = 1.28''$$

$$T_i \sim 20^\circ\text{F}$$

$$\bar{T} = 33^\circ\text{F}$$

$$H_{DD} = 32$$

$$\sum H_{DD} = 531$$

$$\sum P = 1.28''$$

Wed, Dec. 17, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	—	Temp.	70			
Min.	24 °F	Vel.	0 m.p.h.	Read.	29.08			
Set	32 °F	Char.	calm	Corr.	28.96			
R. H.	96 %	24 hr. Mov.	24.5 mi	Sea L.	30.38	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	+0.4 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	LAS	Wx	Wx	Wx
						10/10		
						F- cloudy		
						Vis.	Vis.	Vis.
						3 mi		

$$T_0 = 31$$

$$\bar{F} = 33$$

$$H_{00} = 32$$

$$\sum H_{00} = 563$$

$$\sum P_{cn} = 1.28''$$

THURS, DEC. 18, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	43 °F	Dir. S	Temp. 71	Precip very light wind gusts to 18 mph MT. NITTANY barely visible		
Min.	32 °F	Vel. 10 m.p.h.	Read. 28.59			
Set	35 °F	Char. GUSTY	Corr. 28.47			
R. H.	89 %	24 hr. Mov. 121.7	Sea L. 29.86	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .21 in.	Prev. Dir. S	3 hr. Tend. -2.0mb	Wx R-S-F	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 0 in.	Observer JHM	Vis. 2 mi.	Vis.	Vis.

$$Td(uvuv) = 32$$

$$\bar{T} = 38$$

$$H_{DD} = 27$$

$$\Sigma DD = 590$$

$$\Sigma pcw. = 1.49''$$

Fri, Dec. 19, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	40 °F	Dir.	WNW	Temp.	wind gusts to 20 mph SW - ≈ 11 PM - 12 AM			
				70				
Min.	33 °F	Vel.	10 m.p.h.	Read.				28.76
Set	35 °F	Char.	Gusty	Corr.	28.64			
R. H.	72 %	24 hr. Mov.	230.7	Sea L.	30.04	0700	1300	1900
Ppn.	.06 in.	Prev. Dir.	W	3 hr. Tend.	+2.41	Clds.	Clds.	Clds.
						10/10		
Ppn.	.2 in.	Snow Depth	T in.	Observer	LAS	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						25 mi		

$$T_d = 27$$

$$\bar{T} = 37$$

$$H_{00} = 28$$

$$\Sigma_{00} = 618$$

$$\Sigma p_{cn} = 1.55$$

SAT., DEC. 20, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	36 °F	Dir.	NNW	Temp.	LIGHT VALLEY FOG		
Min.	29 °F	Vel.	6 m.p.h.	Read.	10 10 STRATACUMULUS		
Set	29 °F	Char.	—	Corr.	MINIMUM VISIBILITY SW QUADRANT		
R. H.	%	24 hr. Mov.	161.9	Sea L.	0700	1300	1900
					Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	W	3 hr. Tend.	10% sc		
	in.				Wx	Wx	Wx
					=		
Ppn.	Sol.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
	in.			LMG	2 MI		

$$\bar{T} = 33$$

$$H_{DD} = 32$$

$$\Sigma_{DD} = 650$$

$$\Sigma P_{en} = 1.55$$

$$T_{RAMOS} = 29$$

Sunday, Dec. 21, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	33 °F	Dir. NW	Temp. 69°F			
Min.	27 °F	Vel. 8 m.p.h.	Read. 29.12			
Set	31 °F	Char. Steady	Corr. 29.00			
R. H.	72 %	24 hr. Mov. 72.4	Sea L. 30.42	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. T. in.	Prev. Dir. W	3 hr. Tend. +1.4mb/	Wx Haze	Wx	Wx
Ppn.	Sol. T. in.	Snow Depth 0 in.	Observer JAP	Vis. 15mi	Vis.	Vis.

$$T_d(\text{wn?}) = 23^\circ\text{F}$$

$$\bar{T} = 30^\circ\text{F}$$

$$H_{00} = 35$$

$$\sum H_{00} = 685$$

$$\sum pcn = 1.55''$$

MON, DEC. 22, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	WSW	Temp.	70	PATCHY GRAND FOG SCT ALTOCU + CIRROSTRAT NE		
Min.	17 °F	Vel.	6 m.p.h.	Read.	29.12			
Set	20 °F	Char.	STEADY	Corr.	29.00			
R. H.	81 %	24 hr. Mov.	60.9 mi.	Sea L.	30.45	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	STEADY	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						30 mi.		

$$T_d(\text{air}) = 15^\circ\text{F}$$

$$\bar{T} = 28$$

$$H_{DD} = 37$$

$$\Sigma DD = 72.2$$

$$\Sigma p_{\text{air}} = 1.55''$$

Tuesday December 23, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	S	Temp.	68°F			
Min.	19 °F	Vel.	3 m.p.h.	Read.	29.05			
Set	20 °F	Char.	-	Corr.	28.94			
R. H.	88 %	24 hr. Mov.	77 mi.	Sea L.	30.39	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	M	Clds.	0/10	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	RLB	Wx	-	Wx
						Vis.	30 mi.	Vis.

$$T_d \approx 17^\circ\text{F}$$

$$\bar{T} = 29^\circ\text{F}$$

$$H_{DD} = 36$$

$$\Sigma H_{DD} = 758$$

$$\Sigma P = 1.55''$$

WED. DEC. 24, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	45 °F	Dir.	—	Temp.	PCN began c. 0630 EST PCN vry lght			
Min.	20 °F	Vel.	0 m.p.h.	Read.				69
Set	28 °F	Char.	CALM	Corr.				28.85
R. H.	85 %	24 hr. Mov.	48.7 mi.	Sea L.	30.15	0700	1300	1900
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	-0.75 mb	Clds.	10/10	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Wx	ZR-, F-	Wx
				Observer	JHM	Vis.	2 1/2 mi.	Vis.

$$Td(uvw) = 24$$

$$\bar{T} = 33$$

$$H_{00} = 32$$

$$\Sigma_{00} = 790$$

$$\Sigma_{pen} = 1.55''$$

THU. 25 DEC 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F		Dir. SW	Temp. 70°	new record precip (old record .78"/1945)		
Min. 28 °F		Vel. 4 m.p.h.	Read. 28.51	ZR - DAYTIME (24 th) DAYTIME HIGH ~33		
Set 34 °F		Char. -	Corr. 28.40	TEMP ROSE TO AID-30'S ~1930 LT		
				0700	1300	1900
R. H. 96 %		24 hr. Mov. 75 mi.	Sea L. 29.79	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 0.83 in.		Prev. Dir. NE	3 hr. Tend. +0.5mb ✓	Wx LIGHT FOG	Wx	Wx
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer SSL	Vis. 3 mi	Vis.	Vis. 33°

$$T_d = 33$$

$$\bar{T} = 33$$

$$H_{70} = 32$$

$$\epsilon_{pp} = 822$$

$$\Sigma_{pcN} = 2.38''$$

FRIDAY, DEC 26, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. NW	Temp. 69			
Min.	32 °F	Vel. 10 m.p.h.	Read. 28.95			
Set	33 °F	Char. STEADY	Corr. 28.83			
R. H.	~93 %	24 hr. Mov. 171	Sea L. 30.24	0700 Clds. 10/10 Sea	1300 Clds.	1900 Clds.
Ppn.	Liq. .01" in.	Prev. Dir. WSW	3 hr. Tend. +0.05"	Wx Haze Fog	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer PK	Vis. 5 mi/0	Vis.	Vis.

$$N_{00} = 28$$

$$\Sigma_{00} = 850$$

$$\Sigma_{RA} = 2.39''$$

SAT. DEC. 27, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.	VALLEY FOG 2 MILES SW QUAD LOWEST VISIBILITY		
35	°F	NNW	69			
Mtn.		Vel.	Read.			
32	°F	1 m.p.h.	29.10			
Set		Char.	Corr.			
32	°F	—	28.98			
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
	%	55.4	30.40	10 SE		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T	in.	W	+2mb	=		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
—	in.	— in.	LMG	2 MI		

$$T_{KAMOS} = 32$$

$$H_{DD} = 31$$

$$\Sigma_{DD} = 881$$

$$\Sigma \text{PRECIP} = 2.39''$$

Sunday December 28, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35°F	Dir. NW	Temp. 69°F			
Min.	30°F	Vel. 4 m.p.h.	Read. 29.07			
Set	31°F	Char. -	Corr. 28.96	0700	1300	1900
R. H.	66 %	24 hr. Mov. 20 mi.	Sea L. 30.38	Clds. 10/10	Clds.	Clds.
Ppn.	Liq. - in.	Prev. Dir. W	3 hr. Tend. +0.3mb ✓	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer RLB	Vis. 7 mi.	Vis.	Vis.

$$T_d = 21^\circ\text{F}^{(2)}$$

$$\bar{T} = 33^\circ\text{F}$$

$$H_{DD} = 32$$

$$\Sigma H_{DD} = 913$$

$$\Sigma P = 2.39''$$

MON. DEC 29, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	33 °F	Dir.	—	Temp.	68			
Min.	19 °F	Vel.	0 m.p.h.	Read.	28.94			
Set	19 °F	Char.	CALM	Corr.	28.82			
R. H.	96 %	24 hr. Mov.	61.6 mi	Sea L.	30.27	0700	1300	1900
Clds.						0/10		
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	STEADY	Wx	Wx	Wx
						F-		
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Vis.	Vis.	Vis.
						3 mi		

$$T_d(uvw) = 18$$

$$\bar{T} = 26$$

$$H_{DD} = 39$$

$$\Sigma_{DD} = 952$$

$$\Sigma_{PCW} = 2.39''$$

Tuesday December 30, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	-	Temp.	70 °F	Ovnt Low - 28 °F		
Min.	19 °F	Vel.	- m.p.h.	Read.	28.76			
Set	28 °F	Char.	CALM	Corr.	28.65			
R. H.	81 %	24 hr. Mov.	47 mi.	Sea L.	30.06	0700	1300	1900
Ppn.	- in.	Prev. Dir.	S	3 hr. Tend.	-2.0 in. L	Clds.	5/10	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	RLB	Wx	-	Wx
				Observer	RLB	Vis.	6 mi.	Vis.

$$T_d = 23^\circ\text{F}$$

$$\bar{T} = 28^\circ\text{F}$$

$$H_{00} = 37$$

$$\Sigma H_{00} = 989$$

$$\Sigma P = 2.39''$$

WEDNESDAY, DECEMBER 31, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. WNW	Temp. 70 °F	OVNT LOW ~31 S- BEGAN ~1000 LST 30" S ENDED ~1200 LST 30" FEW FLURRIES WNT.		
Min.	28 °F	Vel. 4 m.p.h.	Read. 28.96			
Set	33 °F	Char. Light	Corr. 28.84			
R. H.	70 %	24 hr. Mov. 692 M.	Sea L. 30.25	0700 Clds. 1/10 SC	1300 Clds.	1900 Clds.
Ppn. Liq.	0.03 in.	Prev. Dir. NW	3 hr. Tend. +20 mb/	Wx Cloudy	Wx	Wx
Ppn. Sol.	0.4 in.	Snow Depth T in.	Observer JEL	Vis. 7 Miles	Vis.	Vis.

$$\bar{T} = 32$$

$$T_{roof} = 32$$

$$T_a(\text{ANN}) = 24$$

$$H_{DD} = 33$$

$$\text{Snow for December} = 1022$$

$$\text{Snow for December} = 2.42''$$

$$\text{Snow for December} = 0.8''$$

$$T_{max} = 64, 1966$$

$$T_{min} = -5, 1918$$

$$T_{avg} = 34/26$$