

SATURDAY, NOVEMBER 1, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. SW	Temp. 72 °F	UVNT Low ~40		
Min.	28 °F	Vel. 9 m.p.h.	Read. 29.46			
Set	42 °F	Char. Steady	Corr. 29.33			
R. H.	77 %	24 hr. Mov. 114.7 mi	Sea L. 30.74	0700	1300	1900
Ppn.	Liq. 0 in.	Prev. Dir. S	3 hr. Tend. -0.4 mb	Clds. 6/10 Cu	Wx	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JEL	Wx Partly Sunny	Wx	Wx
				Vis. 10 Miles	Vis.	Vis.

$$T_{\max} = 75.952$$

$$T_{\min} = 18.1923$$

$$\bar{T} = 42$$

$$H_{DD} = 23$$

$$\Sigma H_{DD} = 23$$

$$\Sigma P_{LW} = 0$$

$$T_{\text{root}} = 43$$

$$T_{\text{down}} = 39$$

$$T_{\text{avg}} = 56/36$$

Sunday, Nov. 2, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	57°F	Dir.	SW	Temp.	71°F	Light fog, heavier lowlying B. NVC Strato cum, cirrus Rains min = 48°F		
Min.	42°F	Vel.	9 m.p.h.	Read.	29.03			
Set	49°F	Char.	Steady	Corr.	28.91			
R. H. *	%	24 hr. Mov.	131.8 mi	Sea L.	30.28	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	-0.03 ^{mb}	Clds.	Clds.	Clds.
	in.					10/10		
Ppn.	Sol.	Snow Depth		Observer	JAP	Wx	Wx	Wx
	in.					Cloudy		
						Vis.	Vis.	Vis.
						10 mi		

(See
back)

$$T_d(\text{UNP}) = 51^\circ\text{F}^* \quad T_{\text{set}}(\text{UNP}) = 54^\circ\text{F}^*$$

$$\bar{T} = 49^\circ\text{F}$$

$$H_{dd} = 16$$

$$\sum H_{dd} = 39$$

$$\sum_{pcw} = 0$$

Monday, Oct. 3, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	54°F	Dir.	Calm	Temp.	69°F	Low ^{7:00} 5:00 Frost		
Min.	25°F	Vel.	0 m.p.h.	Read.	29.08	Cirrus, stratus		
Set	27°F	Char.	Calm	Corr.	28.96			
R. H.	100 %	24 hr. Mov.	51.7 mi	Sea L.	30.39	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NW	3 hr. Tend.	-0.01 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JAP	Wx	Wx	Wx
						5/10		
						Mostly Sunny		
						20 mi		

$$T_d(\text{UNF}) = 27^\circ\text{F}$$

$$\bar{T} = \cancel{35}^\circ\text{F} \quad 40^\circ\text{F}$$

$$H_{\text{a0}} = \cancel{25}$$

$$\sum H_{\text{a0}} = \cancel{64}$$

$$\sum p \cdot n = 0$$

Tuesday November 4, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. W	Temp. 71 °F			
Min.	27 °F	Vel. 5 m.p.h.	Read. 28.95			
Set.	44 °F	Char. -	Corr. 28.83			
R. H.	89 %	24 hr. Mov. 102 mi.	Sea L. 30.21	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.10 in.	Prev. Dir. SW	3 hr. Tend. +0.5, 8	Wx -	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer RLB	Vis. 7 mi.	Vis.	Vis.

$$T_d = 41^\circ\text{F}$$

$$\bar{T} = 39$$

$$H_{00} = 26$$

$$\sum H_{00} = 90$$

$$\sum P = -10$$

wed. Nov. 5, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. ENE	Temp. 69			
Min.	31 °F	Vel. 6 m.p.h.	Read. 29.03			
Set	31 °F	Char. steady	Corr. 28.91			
R. H.	88 %	24 hr. Mov. 67.5	Sea L. 30.33	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.10 in.	Prev. Dir. W	3 hr. Tend. -0.4 mb	Wx rain	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer LAS	Vis. 3 mi	Vis.	Vis.

$$\bar{T}_d = 28$$

$$\bar{T} = 40$$

$$H_{00} = 25$$

$$\sum H_{00} = 105$$

$$\sum Pen = 0.20$$

THURS, NOV. 6, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. —	Temp. 70	PRESRR STRATUS + STRATOCU.		
Min.	31 °F	Vel. 0 m.p.h.	Read. 28.78			
Set	36 °F	Char. CALM	Corr. 28.66			
R. H.	96 %	24 hr. Mov. 32.8	Sea L. 30.05	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0.41 in.	Prev. Dir. E	3 hr. Tend. +2.5 mb	Wx FOG	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer JHM	Vis. 3/4 mi.	Vis.	Vis.

$$T_d(uvw) = 35$$

$$\bar{T} = 35$$

$$H_{DD} = 30$$

$$\Sigma_{DD} = 145$$

$$\Sigma_{PCW} = 0.61$$

Fri, Nov 7, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. NNW	Temp. 69			
Min.	31 °F	Vel. 2 m.p.h.	Read. 29.21			
Set	31 °F	Char. light	Corr. 29.09	0700	1300	1900
R. H.	95 %	24 hr. Mov. 27.7	Sea L. 30.52	Clds. 10	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. E	3 hr. Tend. + 1.0mb	Wx fog	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer LAS	Vis. 2 mi.	Vis.	Vis.

$$T_0 = 32$$

$$T_{\text{pur}} = 33$$

$$\bar{T} = 40$$

$$H_{00} = 25$$

$$\sum H_{00} = 170$$

$$\sum P_{cn} = 0.61$$

SATURDAY, NOVEMBER 9, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. —	Temp. 72° F	# 0.32 in bucket at OBS TIME. 0.12 measured at 1630 LT 7th Assumed this amount was removed from bucket R- ONLY R FOG		
Min.	31 °F	Vel. CALM m.p.h.	Read. 29.04			
Set	45 °F	Char. —	Corr. 28.89			
R. H.	95 %	24 hr. Mov. 3/6 miles	Sea L. 30.27	0700	1300	1900
Clds.				10/10 NS		
Ppn. Liq.	0.44* in.	Prev. Dir. S	3 hr. Tend. -2.0 mb	Wx Rain (R-)	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JEL	Vis. 1 1/2 miles	Vis.	Vis.

$$\bar{T} = 40$$

$$T_{\text{roof}} = 47$$

$$T_{\text{LW}} = 46$$

$$K_{\text{DD}} = 25$$

$$\Sigma K_{\text{DD}} = 195$$

$$\epsilon_{\text{RW}} = 1.05$$

$$\bar{T}_{\text{MAX}} = 72 \quad 1975$$

$$\bar{T}_{\text{MIN}} = 20 \quad 1914$$

$$T_{\text{AG}} = 52.36$$

Sun. Nov. 9, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. WSW	Temp. 72	* Gusts up to 20 m.p.h. count low ~ 49° R+ at 0030 EST (Nov. 9)		
Min.	45 °F	Vel. 12 m.p.h.	Read. 28.81			
Set	55 °F	Char. gusty	Corr. 28.69			
R. H.	90 %	24 hr. Mov. 55.1	Sea L. 30.03	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	1.20 in.	Prev. Dir. SW	3 hr. Tend. +0.7	Wx OVC	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer LAS	Vis. 20	Vis.	Vis.

$$T_D = 54$$

$$T_{upw} = 57$$

$$\bar{T} = 53$$

$$H_{00} = 12$$

$$\sum H_{00} = 207$$

$$\sum P_{cn} = 2.25$$

Monday, Nov. 10, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58°F	Dir. W	Temp. 70	Wind gust to 18 mph		
Min.	32°F	Vel. 10 m.p.h.	Read. 29.23			
Set	32°F	Char. gusty	Corr. 29.11			
R. H.	64%	24 hr. Mov. 246.5 mi.	Sea L. 30.54	0700 Clds. 8/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0.01 in.	Prev. Dir. W	3 hr. Tend. —	Wx mostly cloudy	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JAP	Vis. 35 mi.	Vis.	Vis.

$$T_d(\text{unp}) = 21^\circ \text{F} \quad T(\text{unp}) = 34^\circ \text{F}$$

$$\bar{T} = 45^\circ \text{F}$$

$$H_{00} = 20$$

$$\Sigma H_{00} = 227$$

$$\Sigma p_{ca} = 2.26^\circ$$

Tuesday November 11, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45°F	Dir. S	Temp. 70°F			
Min.	29°F	Vel. 10 m.p.h.	Read. 29.08			
Set	31°F	Char. -	Corr. 28.97			
R. H.	96%	24 hr. Mov. 41 mi.	Sea L. 30.39	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.18 in.	Prev. Dir. W	3 hr. Tend. -3.0mb	Wx 5-12-12-	Wx	Wx
Ppn. Sol.	1.0 in.	Snow Depth 1.0 in.	Observer RLB	Vis. 1.5 mi.	Vis.	Vis.

$$T_d = 30^\circ\text{F}$$

$$\bar{T} = 37^\circ\text{F}$$

$$H_{DD} = 28$$

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

$$\Sigma P = 2.44$$

Wed. Nov. 12, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	WSW	Temp.	69			
Min.	28 °F	Vel.	5 m.p.h.	Read.	29.12			
Set	28 °F	Char.	steady	Corr.	29.00			
R. H.	85 %	24 hr. Mov.	66.7	Sea L.	30.43	0700	1300	1900
Clds.	9/10	Clds.		Clds.				
Ppn.	0.22 in.	Prev. Dir.	W	3 hr. Tend.	+1.0 mb	Wx	Wx	Wx
Ppn.	0 in.	Sol.		Snow Depth	ET in.	Observer	LAS	Vis.
Vis.	30 mi	Vis.		Vis.		Vis.		Vis.

$$T_d = 28$$

$$T_{up, x} = 32$$

$$H_{00} = 32$$

$$\bar{T} = 33$$

$$\sum H_{00} = \del{300} 287$$

$$\sum P_{cn} = 2.66$$

THURS, NOV. 13, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	43 °F	Dir.	NW	Temp.	68	WIND GUSTS TO 22 mph. PRESRR SNOW SHOWER VERY LIGHT STRATOCU ; BINOVIC		
Min.	26 °F	Vel.	15 m.p.h.	Read.	29.02			
Set	26 °F	Char.	GUSTY	Corr.	28.90			
R. H.	78 %	24 hr. Mov.	127 mi.	Sea L.	30.33	0700	1300	1900
Clds.	10/10	Clds.		Clds.				
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+4.0 mb	Wx	SW-	Wx
Wx		Wx		Wx				
Ppn.	T in.	Sol.	0 in.	Snow Depth		Observer	JHM	8 mi.
Vis.		Vis.		Vis.		Vis.		Vis.

$$T_d(\text{UVN}) = \text{UNAVAILABLE} \quad T_d(\text{est.}) = 20^\circ\text{F}$$

$$\bar{T} = 35$$

$$H_{DD} = 30$$

$$\Sigma DD = 307$$

$$\Sigma PCN = 2.66^*$$

Fri. Nov 14, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max. 26 ** °F	Dir. SSW	Temp. 70	* ties record low 13 in 1905 ** RECORD LOW MAXIMUM						
Min. 13 * °F	Vel. 4 m.p.h.	Read. 29.38							
Set 13 °F	Char. light	Corr. 29.26							
R. H. 83 %	24 hr. Mov. 18207	Sea L. 30.76	0700 Clds. 10	1300 Clds.	1900 Clds.				
Ppn. T in.	Prev. Dir. W	3 hr. Tend. -0.40	Wx sunny	Wx	Wx				
Ppn. T in.	Sol.	Snow Depth 0 in.	Observer LAS	Vis. 25 mi	Vis.	Vis.			

$$\bar{T}_d = 9$$

$$\bar{T} = 20$$

$$H_{00} = 45$$

$$\sum H_{00} = 362$$

$$\sum P_{cn} = 2.66$$

Saturday Nov. 15, 1956 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. SW	Temp. 70	OVERNIGHT LOW 23 BINOYC		
Min.	13 °F	Vel. 7 m.p.h.	Read. 29.05			
Set	26 °F	Char. -	Corr. 28.93			
R. H.	60 %	24 hr. Mov. 114 mi	Sea L. 30.36	0700 Clds. A3 10/10 AG CI	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. SW	3 hr. Tend. -0.7mb1	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer FJG	Vis. 20 mi	Vis.	Vis.

$$T_d = 14$$

$$\bar{T} = 23$$

$$DD = 42$$

$$\sum_{00} = ~~394~~ 404$$

$$\bar{E}RN = 2.66$$

Sunday, November 16, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. W	Temp. 70°F	Stratus Fog to east; Haze Ramanus min = 37°F		
Min.	26 °F	Vel. 7 m.p.h.	Read. 28.78			
Set	38 °F	Char. Steady	Corr. 28.66			
R. H.	82 %	24 hr. Mov. 74.1 mi	Sea L. 30.05	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. net change to 0.2 in.	Wx cloudy	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JAP	Vis. 10 mi	Vis.	Vis.

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

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

$$H_{00} = 32$$

$$\Sigma H_{00} = 436$$

$$\Sigma pen = 2.66''$$

Monday, Nov. 17, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. SW	Temp. 70 °F	F- (east i. Ridges observed South) Haze Rains overnight Low - 40°F		
Min.	38 °F	Vel. 3 m.p.h.	Read. 28.77			
Set	40 °F	Char. light	Corr. 28.65			
R. H.	76 %	24 hr. Mov. 87.4 mi	Sea L. 30.03	0700 Clds. 10/10 Stratus	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. -	Wx Cloudy	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JAP	Vis. 9 mi	Vis.	Vis.

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

$$\bar{T} = 41^\circ\text{F}$$

$$H_{00} = 24$$

$$\sum H_{00} = 480$$

$$\sum p_{00} = 2.66''$$

Tuesday November 18, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	53°F	Dir.	-	Temp.	70°F			
Min.	32°F	Vel.	- m.p.h.	Read.	28.81			
Set	35°F	Char.	CALM	Corr.	28.70			
R. H.	97%	24 hr. Mov.	71 mi.	Sea L.	30.10	0700 Clds.	1300 Clds.	1900 Clds.
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	H.0 n b r	Wx	light fog	Wx
Ppn.	- in.	Snow Depth	- in.	Observer	RLB	Vis.	2 mi.	Vis.

$$\bar{T}_d = 34^\circ\text{F}$$

$$\bar{T} = 43$$

$$H_{OD} = 22$$

$$\Sigma H_{OD} = 482$$

$$\Sigma P = 266''$$

Wed. Nov. 19, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. WNE	Temp. 70	* 0.26 in. at 2215 Z Rain ended, snow began ~ 2340 Z PRESRR * Estimated		
Min.	25 °F	Vel. 6 m.p.h.	Read. 28.97			
Set	25 °F	Char. steady	Corr. 28.85			
R. H.	71 %	24 hr. Mov. 119.4	Sea L. 30.28	Clds. 8/10	Clds.	Clds.
Ppn. Liq.	.85* in.	Prev. Dir. N	3 hr. Tend. +2.51	Wx	Wx	Wx
Ppn. Sol.	2.0* in.	Snow Depth 1.0 in.	Observer LAS	Vis. 35 mi	Vis.	Vis.*

$$T_D = 17$$

$$\bar{T} = 33$$

$$H_{00} = 32$$

$$\sum H_{00} = 504$$

$$\sum Pen = 3.51$$

THURS, NOV. 20, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	35 °F	Dir.	—	Temp.	70	BINOVC ALTOCU, ALTOSTRAT		
Min.	20 °F	Vel.	0 m.p.h.	Read.	28.83"			
Set	23 °F	Char.	CALM	Corr.	28.71			
R. H.	74 %	24 hr. Mov.	74.1 mi.	Sea L.	30.14	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	-2.0mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	1 in.	Observer	JHM	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						35 mi.		

$$T_d(uvN) = 16$$

$$\bar{T} = 28$$

$$H_{DD} = 37$$

$$\sum DD = 551$$

$$\sum PCN = \cancel{5} 351''$$

Fri, Nov 21, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	38 °F	Dir.	W	Temp.	70	T _{max} occurred at ~ 8:20 Nov 21 G → 20 mph L - at obs time PRESSRR			
Min.	23 °F	Vel.	12 m.p.h.	Read.	28.59				
Set	34 °F	Char.	gusty	Corr.	28.47				
R. H.	85 %	24 hr. Mov.	M	Sea L.	29.86	Clds.	10/10		
Ppn.	0.48 in.	Prev. Dir.	M	3 hr. Tend.	+3.51	Wx	L ⁻ one		
Ppn.	T in.	Sol.	T in.	Snow Depth	T in.	Observer	LAS	Vis.	20 mi

$$T_d = 30$$

$$\bar{T} = 31$$

$$H_{00} = 34$$

$$\sum H_{00} = 585$$

$$\sum P_{cn} = 3.99$$

SATURDAY, NOVEMBER 22, 1906

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. NW	Temp. 69°F	FEW FLURRIES, AM 21 st		
Min.	31 °F	Vel. 7 m.p.h.	Read. 28.98			
Set	33 °F	Char. steady	Corr. 28.86			
R. H.	50 %	24 hr. Mov. 211 miles	Sea L. 30.27	0700 Clds. 9/10 Cu	1300 Clds.	1900 Clds.
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +2.2mb/	Wx mostly cloudy	Wx	Wx
Ppn.	T in.	Snow Depth T in.	Observer JEL	Vis. 20 miles	Vis.	Vis.

$$\bar{T} = 34$$

$$T_{\text{root}} = 33$$

$$T_{\text{down}} = 25$$

$$H_{\text{DD}} = 31$$

$$\Sigma H_{\text{DD}} = 616$$

$$\Sigma P_{\text{CW}} = 3.99$$

$$\Sigma S_{\text{SNOW}} = 3.0''$$

$$T_{\text{max}} = 70 \text{ } 1031$$

$$T_{\text{min}} = 12 \text{ } 1084$$

$$T_{\text{avg}} = 46/31$$

Sunday Nov. 23, 1986
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. SSE	Temp. 69			
Min.	32 °F	Vel. 8 m.p.h.	Read. 29.01			
Set	34 °F	Char. steady	Corr. 28.89	0700	1300	1900
R. H.	72 %	24 hr. Mdv. 48.4	Sea L. 30.27	Clds. 4/10	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. +0.2	Wx p. cldy	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer LAS	Vis. 15 mi	Vis.	Vis.

$$T_d = 26$$

$$\bar{T} = 39$$

$$H_{00} = 26$$

$$\sum H_{00} = 642$$

$$\sum P_{cn} = 3.99$$

Monday, Nov. 24, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. SW	Temp. 70 °F	Fog (heavy east & south.)		
Min.	34 °F	Vel. 8 m.p.h.	Read. 28.85	Ramos min = 42 °F		
Set	44 °F	Char. Variable 6-12 mph	Corr. 28.73	0700	1300	1900
R. H.	96 %	24 hr. Mov. 131.8 mi	Sea L. 30.10	Clds. ^{Stratus} Stk. Frct 10/10	Clds.	Clds.
Ppn. Liq.	0.03 in.	Prev. Dir. S	3 hr. Tend. +0.3mb ✓	Wx Foggy	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JAP	Vis. 1 mi.	Vis.	Vis.

$$T_d(\text{unp}) = 43^\circ\text{F}$$

$$T(\text{unp}) = 45^\circ\text{F}$$

$$\bar{T} = 42^\circ\text{F}$$

$$H_{00} = 23$$

$$\sum H_{20} = 665$$

$$\sum \text{pen} = 4.02 \text{ in}$$

Tuesday November 25, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. SW	Temp. 68°F			
Min.	27 °F	Vel. 8 m.p.h.	Read. 29.14			
Set	29 °F	Char. -	Corr. 29.03			
R. H.	88 %	24 hr. Mov. 129 mi.	Sea L. 30.46	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .01 in.	Prev. Dir. W	3 hr. Tend. +20 mb/	Wx -	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer RLB	Vis. 10 mi.	Vis.	Vis.

$$T_d = 26^\circ\text{F}$$

$$\bar{T} = 38$$

$$H_{DD} = 27$$

$$\Sigma H_{DD} = 692$$

$$\Sigma P = 4.03$$

Wed. Nov 26, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. SSE	Temp. 68	R at time of obs cunt 10 = 36°		
Min.	29 °F	Vel. 8 m.p.h.	Read. 28.82			
Set	36 °F	Char. Steady	Corr. 28.70			
R. H.	93 %	24 hr. Mov. 65.1 mi	Sea L. 30.09	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	0.34 in.	Prev. Dir. S	3 hr. Tend. -1.1	Wx R OVC	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer LAS	Vis. 3 mi	Vis.	Vis.

$$T_d = 37$$

$$T_{upwx} = 39$$

$$\bar{T} = 39$$

$$H_{00} = 26$$

$$\Sigma H_{00} = 708$$

$$\Sigma Pen = 4.37$$

Thu., Nov. 27, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F		Dir. NW	Temp. 69 °F	THANKSGIVING DAY '86 0700 LST - 1900 LST 11/26 Lt. Rain, Periods of Mod. - Heavy Rain 2300 LST 11/26 - 0100 LST 11/27 Lt. Rain		
Min. 39 °F		Vel. 10 m.p.h.	Read. 28.93"			
Set 42 °F		Char. Steady	Corr. 28.81"			
R. H. 71 %		24 hr. Mov. 121.5 miles	Sea L. 30.19"	0700 Clds. 9/10	1300 Clds.	1900 Clds.
Ppn. Liq. 1.28 in.		Prev. Dir. SW	3 hr. Tend. 2.5 mb	Wx BRKS IN OVC	Wx	Wx
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer JGWK	Vis. 10 miles	Vis.	Vis.

Unit. Park AP

$$T = 42^{\circ}\text{F}$$

$$T_d = 33^{\circ}\text{F}$$

$$30.11''$$

$$\text{HDD} = 17$$

$$\Sigma \text{HDD} = 735$$

$$\Sigma \text{PCN} = 5.65''$$

Friday, Nov. 28, 1986

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	SSW	Temp.	68°F	Frost		
Min.	28 °F	Vel.	6 m.p.h.	Read.	29.04"			
Set	32 °F	Char.	Steady	Corr.	28.92"			
R. H.	86 %	24 hr. Mov.	64.4 miles	Sea L.	30.31"	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	+2.0 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JGWK	Wx	Wx	Wx
						9/10 SFCU		
						Wx	Wx	Wx
						BRKS IN OVC		
						Vis.	Vis.	Vis.
						10 miles		

UP AD

$$T = 32$$

$$T_d = 32$$

$$270$$

$$8$$

$$\underline{30.23}$$

$$HDD = 25$$

$$\Sigma HDD = 760$$

$$\Sigma PCN = 5.65''$$

SATURDAY, NOV. 29, 1986 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	47 °F	Dir.	WNW	Temp.	APRIL 201 - ~ 0600LST			
				69				
Min.	32 °F	Vel.	8 m.p.h.	Read.				28.89
Set	37 °F	Char.	LIGHT	Corr.	28.77			
R. H.	~92 %	24 hr. Mov.	52.5	Sea L.	30.17	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	.01 in.	Prev. Dir.	SW	3 hr. Tend.	+1.145 ✓	Clds.	7/10 Sun	
						Wx	HAZE	
Ppn.	— in.	Snow Depth	— in.	Observer	PK	Wx		
						Vis.	SMILES	
						Vis.		

$$H_{100} = 25$$

$$\sum_{100} = 785$$

$$Z_{100} = 5.66''$$