

OCTOBER 1, 1978

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	68 °F	Dir.	SW	Barom.	Temp.			
Min.	51 °F	Vel.	7 m.p.h.	Read.	28.91"			
Set	59 °F	Char.	Breezy	Corr.	28.807"			
R. H.	75 %	24 hr. Mov.	140	Sea L.	30.12"	0700	1300	1900
Ppn.	-	Prev. Dir.	SW	3 hr. Tend.	10.05 m/s	Clds.	Clds.	Clds.
	- in.					10/10 Stratus		
Ppn.	-	Snow Depth	- in.	Observer	DWS	Wx	Wx	Wx
	- in.					CLOUDY		
						Vis.	Vis.	Vis.
						10 miles		

OCTOBER 2ND 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	64 °F	Dir.	—	Temp.	63			
Min.	45 °F	Vel.	0 m.p.h.	Read.	28.90			
Set	47 °F	Char.	CALM	Corr.	28.80			
R. H.	%	24 hr. Mov.	70	Sea L.	30.14"	0700	1300	1900
						Clds. 2/10	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	WSW	3 hr. Tend.	+1.0mb	Stratus		
	T in.					Wx	Wx	Wx
Ppn.	Sol.	Snow Depth		Observer	JES	Vis.	Vis.	Vis.
	in.	in.				12 mi.		

OCTOBER 3rd 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	NE	Temp.	70			
Min.	38 °F	Vel.	1 m.p.h.	Read.	28.88			
Set	38 °F	Char.	Near Calm	Corr.	28.76			
R. H.	%	24 hr. Mov.	65	Sea L.	30.17"	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	NNW	3 hr. Tend.	-.2mb	Clds. 10/10 Stratus	Clds.	Clds.
Ppn.	Sol.	Snow Depth		Observer	JG	Wx DENSE FOG	Wx	Wx
	in.			Vis.	1/16 mi.	Vis.	Vis.	Vis.

OCTOBER 4, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. SSW	Temp. 71			
Min.	38 °F	Vel. 5 m.p.h.	Read. 28.78"			
Set	55 °F	Char. Light to Moderate	Corr. 28.66"			
R. H.	%	24 hr. Mov. 108	Sea L. 30.01'	0700 Clds. 10/10 Status Aitostat	1300 Clds.	1900 Clds.
Ppn. Liq.	.37 in.	Prev. Dir. SE	3 hr. Tend. +0.03" mm	Wx cloudy	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK	Vis. 10 MI.	Vis.	Vis.

OCTOBER 5, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir.	-	Temp.	70	
Min.	43 °F	Vel.	0 m.p.h.	Read.	28.94"	
Set	44 °F	Char.	CALM	Corr.	28.82"	
R. H.	%	24 hr. Mov.	81	Sea L.	0700	1300
Ppn.	Liq.	Prev. Dir.	WSW	3 hr. Tend.	Clds. 10/10 STRATUS	Clds.
Ppn.	Sol.	Snow Depth	- in.	Observer	Wx	Wx
					FOG	
				Observer	Vis.	Vis.
				PJK	1/8 MI.	

OCTOBER 6, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	63 °F	Dir.	WSW	Temp.	LINE OF CU TO WEST		
Min.	44 °F	Vel.	5 m.p.h.	Read.	28.65		
Set	49 °F	Char.	light breeze	Corr.	28.53		
R. H.	%	24 hr. Mov.	145	Sea L.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	S	3 hr. Tend.	Clds. 2/10 Stratocum	Clds.	Clds.
Ppn.	Sol.	Snow Depth	in.	Observer	Wx	Wx	Wx
				JG	Vis.	Vis.	Vis.
					20 mi.		

OCTOBER 7, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	W	Temp.	68°			
Min.	46 °F	Vel.	15 m.p.h.	Read.	28.68			
Set	47 °F	Char.	GUSTY	Corr.	28.56			
R. H.	65 %	24 hr. Mov.	285	Sea L.	29.92	0700	1300	1900
						Clds. 9/10	Clds.	Clds.
						STRATOCUMULUS		
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+1.8 mb	Wx	Wx	Wx
						MOSTLY CLOUDY		
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Vis.	Vis.	Vis.
						15 mi.		

OCTOBER 8, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	SW	Temp.	66°	RW-IP- 1445 EST		
Min.	38 °F	Vel.	6 m.p.h.	Read.	28.84"			
Set	38 °F	Char.	LT. Breeze	Corr.	28.73			
R. H.	87 %	24 hr. Mov.	150	Sea L.	30.13"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SSW	3 hr. Tend.	+1.50mb	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	- in.	Observer	DWS	Wx	Wx	Wx
						Wx	Fair	
						Vis.	30mi	Vis.

OCTOBER 9TH 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	49 °F	Dir.	SW	Temp.	67			
Min.	37 °F	Vel.	3 m.p.h.	Read.	29.09			
Set	39 °F	Char.	light breeze	Corr.	28.97			
R. H.	70%	24 hr. Mov.	205	Sea L.	30.38"	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds.	4/10 Stratocum	Clds.	Clds.	Clds.
	T in.	W	+1.3mb	Wx		Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	Observer	Vis.	+25mi.	Vis.	Vis.	Vis.
	in.	in.	JTG					

OCTOBER 10, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. SW	Temp. 68	Valley Fog AM		
Min.	37 °F	Vel. 3 m.p.h.	Read. 29.08"			
Set	41 °F	Char. LIGHT	Corr. 28.97"			
R. H.	73 %	24 hr. Mov. 81	Sea L. 30.37"	0700 Clds. 3/10 Alto cum.	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. SW	3 hr. Tend. +0.02" ✓	Wx Partly Cloudy	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer PJK	Vis. 8 mi.	Vis.	Vis.

FORM NO. 1-64 (REV. 1-67) U.S. GOVERNMENT PRINTING OFFICE: 1967 O - 354-001

OCTOBER 11, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. —	Temp. 70			
Min.	41 °F	Vel. — m.p.h.	Read. 29.01			
Set	42 °F	Char. CALM	Corr. 28.89			
R. H.	90 %	24 hr. Mov. 75	Sea L. 30.28"	0700 Clds. 1/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +00 mb.	Wx Dense Fog	Wx	Wx
Ppn. Sol.	in.	Snow Depth in.	Observer JG	Vis. 1/4 mi.	Vis.	Vis.

OCTOBER 12, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	SW	Temp.	73			
Min.	42 °F	Vel.	5 m.p.h.	Read.	28.76"			
Set	52 °F	Char.	HIGH	Corr.	28.63"			
R. H.	%	24 hr. Mov.	85	Sea L.	29.98"	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	+0.1" ✓	Clds. 8/10 Altostrat.	Clds.	Clds.
Ppn.	SoL.	Snow Depth	- in.	Observer	PJK	Wx Mostly Cloudy	Wx	Wx
						Vis. 10 mi.	Vis.	Vis.

OCTOBER 13TH, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	75 °F	Dir.	SSW	Temp.	76		
Min.	52 °F	Vel.	3 m.p.h.	Read.	28.82		
Set	61 °F	Char.	light breeze	Corr.	28.68		
R. H.	%	24 hr. Mov.	120	Sea L.	0700	1300	1900
				30.08"	Clds. 9/10 Alto cu Alto str	Clds.	Clds.
Ppn.	Liq. in.	Prev. Dir.	SSW	3 hr. Tend.	Wx	Wx	Wx
				+1.8mb/			
Ppn.	Sol. in.	Snow Depth	in.	Observer	Vis.	Vis.	Vis.
				JG	12 mi.		

OCTOBER 14, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	64 °F	Dir.	NW	Temp.	70°		
Min.	47 °F	Vel.	13 m.p.h.	Read.	28.68		
Set	47 °F	Char.	GUSTY	Corr.	28.56		
R. H.	89 %	24 hr. Mov.	130	Sea L.	0700	1300	1900
Ppn.	.64 in.	Prev. Dir.	NW	3 hr. Tend.	Clds. 10/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	NIMBO STRATUS		
					Wx	Wx	Wx
					R-		
					Vis.	Vis.	Vis.
					1mi		

OCTOBER 15, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	49 °F	Dir.	NW	Temp.	Patches of Frost on roof, golf course.			
				65				
Min.	35 °F	Vel.	3 m.p.h.	Read.				28.80
Set	36 °F	Char.	light	Corr.	28.69			
R. H.	67 %	24 hr. Mov.	160	Sea L.	30.09	0700	1300	1900
						Clds. %	Clds.	Clds.
Ppn.	.07 in.	Prev. Dir.	NW	3 hr. Tend.	+1.5mb/	Wx	Clear	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Vis.	35+mi	Vis.

STANDARD METEOROLOGICAL SYMBOLS AND ABBREVIATIONS

OCTOBER 16, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. NNE	Temp. 65			
Min.	33 °F	Vel. 3 m.p.h.	Read. 28.88			
Set	33 °F	Char. light breeze	Corr. 28.77			
R. H.	%	24 hr. Mov.	Sea L.	0700	1300	1900
		100	30.17"	Clds. Obscured	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T	in.	W	+ .7mb ✓	Dense Fog		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
	in.	in.	JG	1/8 mi.		

OCTOBER 17, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	44 °F	Dir.	NNE	Temp.	65			
Min.	33 °F	Vel.	5 m.p.h.	Read.	29.16			
Set	34 °F	Char.	steady + lgt E	Corr.	29.05			
R. H.	73%	24 hr. Mov.	150	Sea L.	30.46"	0700	1300	1900
Ppn.	0.20" in.	Prev. Dir.	NNE	3 hr. Tend.	+1.6mb	Clds.	Clds.	Clds.
Ppn.		Snow Depth		Observer	JG	Wx	Wx	Wx
				Vis.	+30 mi.	Vis.	Vis.	Vis.

OCTOBER 18, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	—	Temp.	64	HEAVY FROST outside of town		
Min.	30 °F	Vel.	0 m.p.h.	Read.	29.18			
Set	30 °F	Char.	CALM	Corr.	29.07			
R. H.	%	24 hr. Mov.	55	Sea L.	30.49"	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	NNE	3 hr. Tend.	+6mb ✓	Clds. 1/10	Clds.	Clds.
	in.	Snow Depth		Observer	JG	Wx light ground fog	Wx	Wx
Ppn.	Sol.			Vis.	2	6 mi.	Vis.	Vis.
	in.							

OCTOBER 19, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	SW	Temp.	66			
Min.	30 °F	Vel.	6 m.p.h.	Read.	28.82			
Set	50 °F	Char.	steady	Corr.	28.70			
R. H.	66 %	24 hr. Mov.	115	Sea L.	30.13"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	-0.8mb	Clds. 10/10 Altostratus	Clds.	Clds.
						Wx Light Haze	Wx	Wx
Ppn.	Sol.	Snow Depth		Observer	JG	Vis.	Vis.	Vis.
	in.	in.				7 mi.		

OCTOBER 20, 1978 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. WNW	Temp. 65			
Min.	46 °F	Vel. 4 m.p.h.	Read. 28.79			
Set	46 °F	Char. light + unsteady	Corr. 28.68			
R. H.	68% %	24 hr. Mov. 185	Sea L. 30.05"	0700 Clds. 8/10 Stratocum	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +2.2mb/	Wx	Wx	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer JG	Vis. 25 mi.	Vis.	Vis.

OCTOBER 21, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	60 °F	Dir.	-	Temp.	66 °F	SHALLOW & ROUND FOG		
Min.	38 °F	Vel.	0 m.p.h.	Read.	28.92"			
Set	39 °F	Char.	CALM	Corr.	28.81"			
R. H.	79 %	24 hr. Mov.	118	Sea L.	30.22"	0700	1300	1900
Ppn.	-	Prev. Dir.	SW	3 hr. Tend.	+1.5 mb/	Clds.	Clds.	Clds.
	in.					Wx	Wx	Wx
Ppn.	-	Snow Depth	- in.	Observer	DWS	Wx	Wx	Wx
	in.					Vis.	Vis.	Vis.
						10'		

OCTOBER 22, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	SW	Temp.	66°	SHALLOW GROUND FOG		
Min.	38 °F	Vel.	3 m.p.h.	Read.	28.94			
Set	44 °F	Char.	LIGHT	Corr.	28.83			
R. H.	89 %	24 hr. Mov.	100	Sea L.	30.21	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds.	70 Cirrus-Stratus	Clds.	Clds.	Clds.
-	in.	S	0.00-	Wx	FAIR	Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	Observer	Vis.	10 mi	Vis.	Vis.	Vis.
-	in.	- in.	DWS					

OCTOBER 23, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. SW	Temp. 68			
Min.	44 °F	Vel. 4 m.p.h.	Read. 28.79"			
Set	57 °F	Char. LIGHT	Corr. 28.68"			
R. H.	55 %	24 hr. Mov. 108	Sea L. 30.05"	0700 Clds. 5/10 Alto cu.	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. SW	3 hr. Tend. -.02"~	Wx Partly Cloudy	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer PJK	Vis. 12 mi.	Vis.	Vis.

OCTOBER 24, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. W	Temp. 66			
Min.	32 °F	Vel. 3 m.p.h.	Read. 28.97"			
Set	32 °F	Char. LIGHT	Corr. 28.86"			
R. H.	%	24 hr. Mov. 168	Sea L. 30.24"	0700 Clds. <i>10</i> <i>Alto cu.</i>	1300 Clds.	1900 Clds.
Ppn.	Liq. .03 in.	Prev. Dir. NW	3 hr. Tend. +.01" ~	Wx <i>Mostly</i> <i>Clear</i>	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer PJK	Vis. 30+ Mi.	Vis.	Vis.

OCTOBER 25, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	SW	Temp.	66 °F	Shallow ground fog N + E of town		
Min.	32 °F	Vel.	0 m.p.h.	Read.	28.78"			
Set	37 °F	Char.	Lalm	Corr.	28.68			
R. H.	%	24 hr. Mov.	88	Sea L.	30.07"	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	+0.5mb	Clds.	Clds.	Clds.
	- in.					2/10 Cirrus- Stratus		
Ppn.	Sol.	Snow Depth	- in.	Observer	DWS	Wx	Wx	Wx
	- in.					Mostly Sunny		
						Vis.	Vis.	Vis.
						30 mi		

OCTOBER 26TH, 1978 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. SSW	Temp. 68			
Min.	37 °F	Vel. 9 m.p.h.	Read. 28.62			
Set	60 °F	Char. steady	Corr. 28.50			
R. H.	75 %	24 hr. Mov. 170	Sea L. 29.84'	0700 Clds. 10/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.02 in.	Prev. Dir. S	3 hr. Tend. 00 —	Wx Light Rainshower	Wx	Wx
Ppn. Sol.	in.	Snow Depth in.	Observer JL	Vis. 5 mi.	Vis.	Vis.

Oct. 27th, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	63 °F	Dir.	WSW	Temp.	65			
Min.	43 °F	Vel.	8 to 15 m.p.h.	Read.	28.81			
Set	44 °F	Char.	Steady mod. breeze	Corr.	28.70			
R. H.	67 %	24 hr. Mov.	205	Sea L.	30.05	0700	1300	1900
Ppn.	.36 in.	Prev. Dir.	SSW	3 hr. Tend.	+2.8mb	Clds. 8/10 Stratocum	Clds.	Clds.
Ppn.	Sol.	Snow Depth		Observer	JG	Wx	Wx	Wx
	in.	in.		Vis.	30 mi.	Vis.	Vis.	Vis.

OCTOBER 28, 1978 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	55 °F	Dir.	S	Temp.	WIDESPREAD Frost. Shallow valley fog.			
				66°				
Min.	34 °F	Vel.	2 m.p.h.	Read.				28.93
Set	35 °F	Char.	light	Corr.	28.82			
R. H.	72 %	24 hr. Mov.	150	Sea L.	30.22	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	+1.2mb	Wx	Wx	Wx
						Clear		
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Vis.	Vis.	Vis.
						18mi		

OCTOBER 29, 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	64 °F	Dir.	-	Temp.	66 °F	Valley fog Vsb lower N E S W		
Min.	35 °F	Vel.	0 m.p.h.	Read.	29.13			
Set	38 °F	Char.	Calm	Corr.	29.018			
R. H.	70 %	24 hr. Mov.	93	Sea L.	30.428	0700	1300	1900
Ppn.	-	Prev. Dir.	N	3 hr. Tend.	+2.0 mb	Clds.	Clds.	Clds.
	in.					Few Cirrus		
Ppn.	-	Snow Depth	- in.	Observer	DWS	Wx	Wx	Wx
	in.					Mostly Sunny		
						Vis.	Vis.	Vis.
						15 mt		

OCTOBER 30TH 1978

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. ENE	Temp. 66			
Min.	31 °F	Vel. 2 m.p.h.	Read. 29.36			
Set	33 °F	Char. Near calm	Corr. 29.25			
R. H.	72 %	24 hr. Mov.	Sea L. # 30.58	0700 Clds.	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. NNE	3 hr. Tend. +2.2mb/	Wx	Wx	Wx
Ppn. Sol.	in.	Snow Depth in.	Observer JB	Vis. 30 mi.	Vis.	Vis.

OCTOBER 31, 1978

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		0700 EST		General Obs.		
Max.		Dir.		Barom.				
57	°F	W		65				
Min.		Vel.		Read.				
33	°F	3	m.p.h.	29.17"				
Set		Char.		Corr.				
39	°F	LIGHT		29.06"				
R. H.		24 hr. Mov.		Sea L.		0700	1300	1900
73	%	92		30.45'		Clds. 0/10	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
-	in.	SE		0 ~		CLEAR MAZE		
Ppn.	Sol.	Snow Depth		Observer		Vis.	Vis.	Vis.
-	in.	-	in.	PJK		10 MI.		