

AUGUST 1, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SW	Temp. 80°			
Min.	65 °F	Vel. 4 m.p.h.	Read. 28.78			
Set	71 °F	Char. lite breeze	Corr. 28.63	0700	1300	1900
R. H.	83 %	24 hr. Mov. 145	Sea L. 29.97"	Clds. 3/10 Al+ocu	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. S	3 hr. Tend. +.1 ~	Wx Haze	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JG	Vis. 3 mi	Vis.	Vis.

AUGUST 2, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	SSW	Temp.	80°			
Min.	56 °F	Vel.	6 m.p.h.	Read.	28.96"			
Set	61 °F	Char.	mod. breeze	Corr.	28.81			
R. H.	84 %	24 hr. Mov.	165	Sea L.	3014"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+1.8	Clds.	Clds.	Clds.
						Clear		
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 mi.		

AUGUST 3, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	NE	Temp.	76°			
Min.	60 °F	Vel.	2 m.p.h.	Read.	28.90			
Set	61 °F	Char.	Near calm	Corr.	28.77			
R. H.	84 %	24 hr. Mov.	80	Sea L.	30.12"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+ .5 /	Clds. 8/10 Cirrus + Altostratus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						7 mi.		

AUGUST 4, 1977

0700 EST

**Meteorological Observatory
University Park, Pa.
General Obs.**

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	S	Temp.	80°			
Min.	61 °F	Vel.	2 m.p.h.	Read.	29.00"			
Set	64 °F	Char.	Near Calm	Corr.	28.85			
R. H.	87 %	24 hr. Mov.	80	Sea L.	30.19"	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir.	SSE	3 hr. Tend.	+1.2/	Clds.	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
				Vis.	2 1/2 mi.	Vis.	Vis.	Vis.

AUGUST 5, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. SW	Temp. 80°	Clear east Alto cu west		
Min.	64 °F	Vel. 4 m.p.h.	Read. 29.00			
Set	69 °F	Char. lite breeze	Corr. 28.85			
R. H.	87 %	24 hr. Mov. 110	Sea L. 30.19"	0700 Clds. 3/10 Alto cu	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. -1	Wx Haze	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JTB	Vis. 5 mi.	Vis.	Vis.

6 August, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F		Dir. SSW	Temp. 82	Haze & Fog in valleys		
Mln. 69 °F		Vel. 5 m.p.h.	Read. 28.941			
Set 73 °F		Char. Slightly Variable	Corr. 28.788			
R. H. 85 %		24 hr. Mov. 20/	Sea L. 30.089	0700 Clds. $\frac{6}{10}$ $\frac{4}{10}$ Alto-cu $\frac{3}{10}$ St. Cu.	1300 Clds.	1900 Clds.
Ppn. —	Liq. in.	Prev. Dir. SW	3 hr. Tend. ±00—	Wx Haze-Fog	Wx	Wx
Ppn. —	Sol. in.	Snow Depth — in.	Observer CSL	Vis. 3	Vis.	Vis.

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Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	89 °F	Dir.	SSW	Temp.	Bank of low stratus tapping mt ridge to the south. Precip due to early morning R			
Min.	69 °F	Vel.	2 m.p.h.	Read.				28.874
Set	70 °F	Char.	Calm	Corr.				28.731
R. H.	95 %	24 hr. Mov.	170	Sea L.	30.031	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W	3 hr. Tend.	— .04	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GA.	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						4 miles haze		

AUG. 8, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	79 °F	Dir.	SSW	Temp.	SMALL BKNVC		
Min.	68 °F	Vel.	3 m.p.h.	Read.			
Set	71 °F	Char.	LIGHT	Corr.			
R. H.	94 %	24 hr. Mov.	162	Sea L.	0700	1300	1900
Ppn.	.51 in.	Prev. Dir.	SSW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					Wx	Wx	Wx
					Vis.	Vis.	Vis.
					8 mi		

Aug. 9, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SW	Temp. 80°			
Min.	67 °F	Vel. 4 m.p.h.	Read. 28.89			
Set	71 °F	Char. lite breeze	Corr. 28.74			
R. H.	90 %	24 hr. Mov. 135	Sea L. 30.08°	0700 Clds. 3/10 Stratus + cirrus	1300 Clds.	1900 Clds.
Ppn. Liq.	.06 in.	Prev. Dir. SW SW	3 hr. Tend. +.9	Wx Haze + fog	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer Tib	Vis. 5 mi.	Vis.	Vis.

August 10, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	S	Temp.	79	Large Binove to SE		
Min.	69 °F	Vel.	6 m.p.h.	Read.	28.839			
Set	71 °F	Char.	STEADY	Corr.	28.695			
R. H.	93 %	24 hr. Mov.	108	Sea L.	29.995	0700	1300	1900
Ppn.	.18 in.	Prev. Dir.	SW	3 hr. Tend.	+0.0-	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	P.S.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
							4 mi.	

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AUGUST 11, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	SW	Temp.	78°			
Min.	68 °F	Vel.	8 m.p.h.	Read.	28.92			
Set	71 °F	Char.	Mod. breeze	Corr.	28.78			
R. H.	91 %	24 hr. Mov.	170	Sea L.	30.12"	0700	1300	1900
Ppn.	.21 in.	Prev. Dir.	SSW	3 hr. Tend.	+1.0/	Clds. 6/10 Stratus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx Fog	Wx	Wx
						Vis. 2 1/2 mi.	Vis.	Vis.

AUG. 12, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	WSW	Temp.	78°			
Min.	68 °F	Vel.	7 m.p.h.	Read.	28.88			
Set	69 °F	Char.	mod. breeze	Corr.	28.74			
R. H.	87 %	24 hr. Mov.	175	Sea L.	30.08"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SSW	3 hr. Tend.	+5.5	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	JL	10/10 STRATUS	Wx	Wx
						Wx	Wx	Wx
						Drizzle Fog	Wx	Wx
						Vis.	Vis.	Vis.
						2 1/2 mi.	Vis.	Vis.

13 August 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.			Wind		Barom.		General Obs.			
Max.	75 °F		Dir.	SW	Temp.	80				
Min.	65 °F		Vel.	4 m.p.h.	Read.	28.880				
Set	67 °F		Char.	Steady	Corr.	28.733				
R. H.	92 %		24 hr. Mov.	109	Sea L.	30.039		0700	1300	1900
Clds.		2/10		1/10 Alt. Cu		1/10 Cu		Clds.		Clds.
Ppn.	Liq.	— in.		Prev. Dir.	SW	3 hr. Tend.	±0.0—	Wx	Haze	
Ppn.	Sol.	— in.		Snow Depth	— in.	Observer	CSL	Vis.	2 mi	

August 14, 1977

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	SSW	Temp.	76			
Min.	65 °F	Vel.	2 m.p.h.	Read.	28.825			
Set	68 °F	Char.	Calm	Corr.	28.690			
R. H.	85 %	24 hr. Mov.	150	Sea L.	30.040	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WSW	3 hr. Tend.	—	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	C.S.	10/10 Altostratus	Wx	Wx
						overcast	Wx	Wx
						Vis.	Vis.	Vis.
						10 miles		

Aug. 15, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	79 °F	Dir.	WSW	Temp.	Sun DIMLY VISBL		
Min.	61 °F	Vel.	2 m.p.h.	Read.	28.980		
Set	63 °F	Char.	LIGHT	Corr.	28.843		
R. H.	72 %	24 hr. Mov.	147	Sea L.	0700	1300	1900
Ppn.	Liq. .21 in.	Prev. Dir.	W	3 hr. Tend.	Clds. 10/100 AS+ ACU	Clds.	Clds.
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	Wx PATCHY GF	Wx	Wx
				P.I.	Vis. 20 mi	Vis.	Vis.

August 16, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	81 °F	Dir.	NNW	Temp.	Overcast very thin		
Min.	62 °F	Vel.	0 m.p.h.	Read.			
Set	65 °F	Char.	CALM	Corr.	28.981		
R. H.	85 %	24 hr. Mov.	71	Sea L.	0700	1300	1900
Ppn.	—	Prev. Dir.	NNE	3 hr. Tend.	Clds.	Clds.	Clds.
	in.				10/10 Ci		
Ppn.	—	Snow Depth	— in.	Observer	Wx	Wx	Wx
	in.			P.S.	FACHY GF and Haze		
					Vis. 5 mi E 10 mi W	Vis.	Vis.

August 17, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.					
Max.	84 °F	Dir.	SW	Temp.	Rain ended shortly before obs. time RB 0725 EST					
				76						
Min.	65 °F	Vel.	4 m.p.h.	Read.				28.648		
Set	71 °F	Char.	LIGHT	Corr.	28.512	0700	1300	1900		
R. H.	97 %	24 hr. Mov.	168	Sea L.	29.800	Clds.	10/10 St	Clds.		Clds.
Ppn.	.62 in.	Prev. Dir.	SSW	3 hr. Tend.	-0.2 L	Wx	FOG	Wx		Wx
Ppn.	- in.	Snow Depth	- in.	Observer	P.S.	Vis.	5 mi	Vis.		Vis.

August 18 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	WNW	Temp.	82			
Min.	55 °F	Vel.	2 m.p.h.	Read.	28.848			
Set	59 °F	Char.	LIGHT	Corr.	28.696			
R. H.	79 %	24 hr. Mov.	160	Sea L.	30.036	0700	1300	1900
Ppn.	.10 in.	Prev. Dir.	SSW	3 hr. Tend.	+1.6/	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	P.S.	Wx	Wx	Wx
				Observer		Vis.	Vis.	Vis.
						35+ m.		

August 19, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	71 °F	Dir.	SW	Temp.	74			
Min.	46 °F	Vel.	2 m.p.h.	Read.	28.900			
Set	50 °F	Char.	LIGHT	Corr.	28.768			
R. H.	90 %	24 hr. Mov.	134	Sea L.	30.131	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+0.4 ✓	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.S.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						35+ mi	except 2 mi NE	

August 21, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.						
Max.	74 °F	Dir.	ENE	Temp.	GROUND fog in valley NE end of valley.						
Min.	49 °F	Vel.	2 m.p.h.	Read.				28.867			
Set	52 °F	Char.	Calm	Corr.				28.772			
R. H.	80 %	24 hr. Mov.	94	Sea L.	30.122	0700	1300	1900			
Clds.		5/10 Altostratus 5/16 stratus		Clds.		Clds.		Clds.			
Ppn.	—	Liq.	—	Prev. Dir.	SE	3 hr. Tend.	—	Wx	OVERCAST	Wx	Wx
Ppn.	—	Sol.	—	Snow Depth	—	Observer	CA.	Vis.	12 miles	Vis.	Vis.

AUGUST 22, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. SW	Temp. 70°	Few towering Cu at Obs.			
Min. 51 °F	Vel. 6 m.p.h.	Read. 28.68				
Set 65 °F	Char. lite breeze	Corr. 28.56				
R. H. 90 %	24 hr. Mov. 155	Sea L. 29.89"	0700 Clds. 7/10 AltoCu	1300 Clds.	1900 Clds.	
Ppn. Liq. .08 in.	Prev. Dir. S	3 hr. Tend. +1.5 ✓	Wx Haze + fog	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer JG	Vis. 4 mi.	Vis.	Vis.	

August 23 1977 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	78 °F	Dir.	S	Temp.	66			
Min.	55 °F	Vel.	2 m.p.h.	Read.	28.810			
Set	56 °F	Char.	calm	Corr.	28.700			
R. H.	90 %	24 hr. Mov.	182	Sea L.	30.050	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	1.07	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	C.A.	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						6 miles haze		

AUGUST 24, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	SW	Temp.	71			
Min.	56 °F	Vel.	3 m.p.h.	Read.	28.75			
Set	64 °F	Char.	Near calm	Corr.	28.63			
R. H.	87 %	24 hr. Mov.	100	Sea L.	29.96"	0700	1300	1900
Ppn.	.02 in.	Prev. Dir.	SSW	3 hr. Tend.	+ .2 mb	Clds. 10/10 CIRRUS + ALTOCU	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
						Haze	Vis.	Vis.
							5 mi.	Vis.

August 25, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	71 °F	Dir.	E	Temp.	Some patchy ground fog in low lying areas. Heavy dew this morning visibility unlimited			
Min.	46 °F	Vel.	1 m.p.h.	Read.				29.012
Set	50 °F	Char.	Calm	Corr.				28.902
R. H.	80 %	24 hr. Mov.	140	Sea L.	30.217	0700	1300	1900
Clds.	NONE	Clds.		Clds.				
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Clear ?	Wx	Wx	Wx
TRAC	in.	NE	1.06	SUNNY				
Ppn.	Sol.	Snow Depth	Observer	Vis.	30+	Vis.	Vis.	Vis.
—	in.	— in.	GD.					

AUGUST 26, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. NE	Temp. 65°	Wave clouds @ Obs. Radiational fog in valleys			
Min. 46 °F	Vel. 2 m.p.h.	Read. 29.08				
Set 51 °F	Char. Near calm	Corr. 28.98				
R. H. 84 %	24 hr. Mov. 75	Sea L. 30, 31°	0700 Clds. 3/10	1300 Clds.	1900 Clds.	
Ppn. Liq. — in.	Prev. Dir. NNE	3 hr. Tend. +.9	Wx Fog	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer KJG	Vis. 5 mi.	Vis.	Vis.	

August 27, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. WSW	Temp. 70			
Min.	51 °F	Vel. 2 m.p.h.	Read. 29.075			
Set	63 °F	Char. light	Corr. 28.952			
R. H.	88 %	24 hr. Mov. 132	Sea L. 30.282	0700 Clds. 1/8 stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.03 in.	Prev. Dir. S	3 hr. Tend. /	Wx Rain	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer C.D.	Vis. 3 miles	Vis.	Vis.

August 28, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. WSW	Temp. 80			
Min.	63 °F	Vel. 1 m.p.h.	Read. 29.150			
Set	71 °F	Char Calm	Corr. 29.003			
R. H.	84 %	24 hr. Mov. 140	Sea L. 30.313	0700 Clds. —	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. /	Wx Hazy	Wx	Wx
Ppn.	Sol. — in.	Snow Depth in.	Observer C.D.	Vis. 7 miles	Vis.	Vis.

AUGUST 29, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir. SW	Temp. 80			
Min.	69 °F	Vel. 4 m.p.h.	Read. 29.10			
Set	72 °F	Char. lite breeze	Corr. 28.95			
R. H.	86%	24 hr. Mov. 140	Sea L. 30.29"	0700 Clds. 1/10 CIRRUS	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. SSW	3 hr. Tend. +2 ✓	Wx Haze	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JG	Vis. 6 mi.	Vis.	Vis.

August 30, 1977 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	89 °F	Dir.	WSW	Temp.	78			
Min.	68 °F	Vel.	1 m.p.h.	Read.	29.045			
Set	71 °F	Char.	Calm	Corr.	28.902	0700	1300	1900
R. H.	87 %	24 hr. Mov.	134	Sea L.	30.212	Clds. 5/10 Strato cumulus	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	/	Wx 5/10 Albostratus Cloudy	Wx	Wx
Ppn.	— in.	Sol.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.
					CD.	Vis. Twiles three		

AUGUST 31, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. NE	Temp. 75°			
Min.	67 °F	Vel. 1 m.p.h.	Read. 29.06			
Set	69 °F	Char. Near calm	Corr. 28.93	0700	1300	1900
R. H.	86 %	24 hr. Mov. 50	Sea L. 30.26	Clds. 10/10 Stratus	Clds.	Clds.
Ppn. Liq.	T in.	Prev. Dir. NE	3 hr. Tend. +1.8mb/	Wx Lite Haze	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer TG	Vis. 8 miles	Vis.	Vis.