

JULY 17 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	SSW	Temp.	72°			
Min.	66 °F	Vel.	10 m.p.h.	Read.	28.68			
Set	70 °F	Char.	Strong	Corr.	28.55			
R. H.	76 %	24 hr. Mov.	205	Sea L.	29.88"	0700	1300	1900
Ppn. Liq.	.03 in.	Prev. Dir.	SSW	3 hr. Tend.	+2.5/	Clds. 10/10	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	JG	Stratocu	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						35 mi		

July 2, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. W	Temp. 74			
Min.	61 °F	Vel. 12 m.p.h.	Read. 28.851			
Set	65 °F	Char. Slightly Variable	Corr. 28.720			
R. H.	39 %	24 hr. Mov. 219	Sea L. 30.029	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	— in.	Prev. Dir. S → W	3 hr. Tend. +2.01	Wx clear	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer CSL	Vis. 15 mi	Vis.	Vis.

July 3, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	S	Temp.	72	Haze in Eastern Valley + N.E.		
Min.	53 °F	Vel.	2 m.p.h.	Read.	29.030			
Set	60 °F	Char.	Steady	Corr.	28.903			
R. H.	69 %	24 hr. Mov.	172	Sea L.	30.243	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W-SW	3 hr. Tend.	0.0—	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	CSL	Wx	Wx	Wx
						Vis. 15 to W 9 to E.	Vis.	Vis.

JULY 4, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	SW	Temp.	71	RAIN BEGAN SHORTLY BEFORE OBS TIME BIRUCL SE DARK W		
Min.	60 °F	Vel.	3 m.p.h.	Read.	28.953			
Set	66 °F	Char.	LIGHT	Corr.	28.830			
R. H.	73 %	24 hr. Mov.	95	Sea L.	30.153	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.7/	Clds.	Clds.	Clds.
Wx	LIGHT RAIN							
Sol.	—	Snow Depth	—	Observer	P.S.	Vis.	Vis.	Vis.
						10/10/10	10 mi	

JULY 5TH 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. SSW	Temp. 74°			
Min.	63 °F	Vel. 4 m.p.h.	Read. 28.85			
Set	71 °F	Char. Light	Corr. 28.72	0700	1300	1900
R. H.	90 %	24 hr. Mov. 95	Sea L. 30.10"	Clds. 3/10 Cirrus	Clds.	Clds.
Ppn.	Liq. .19 in.	Prev. Dir. SSW	3 hr. Tend. -.71	Wx Haze	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JG	Vis. 7 mi.	Vis.	Vis.

July 6, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	91 °F	Dir.	S	Temp.	75			
Min.	71 °F	Vel.	2 m.p.h.	Read.	28.780			
Set	73 °F	Char.	LIGHT	Corr.	28.646			
R. H.	94 %	24 hr. Mov.	134	Sea L.	29.940	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+0.4	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	PS.	Wx	Wx	Wx
						3/10 AC ₄		
						Wx	Wx	Wx
						FOG HAZE		
						Vis.	Vis.	Vis.
						2 mi		

JULY 7th 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max. *	93 °F	Dir.	SSW	Temp. *	TIED RECORD HI SET IN 1944.		
Min.	67 °F	Vel.	7 m.p.h.	Read.			
Set	71 °F	Char.	Moderate	Corr.			
R. H.	90 %	24 hr. Mov.	140	Sea L.	0700	1300	1900
Ppn. Liq.	.46 in.	Prev. Dir.	SSW-NE	3 hr. Tend.	Clds. 6/10 CIRRUS Altostratus	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	Wx	Wx	Wx
					Vis.	Vis.	Vis.
					20 mi.		

JULY 8TH, 1977

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	88 °F	Dir.	SSW	Temp.	80°			
Min.	68 °F	Vel.	6 m.p.h.	Read.	28.76			
Set	71 °F	Char.	l.-mod.	Corr.	28.61			
R. H.	96.5%	24 hr. Mov.	145	Sea L.	29.97"	0700	1300	1900
Ppn.	1.49" in.	Prev. Dir.	SSW	3 hr. Tend.	+1.3	Clds. 7/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Stratus	Wx	Wx
						Fog	Wx	Wx
						Vis.	Vis.	Vis.
						2 miles		

July 9, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	88 °F	Dir.	W	Temp.	74	Fog in valleys to NE, SE, SW and along mountains		
Min.	64 °F	Vel.	2 m.p.h.	Read.	28.891			
Set	68 °F	Char.	Steady	Corr.	28.759			
R. H.	89 %	24 hr. Mov.	133	Sea L.	30.064	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW → W	3 hr. Tend.	+2.3 /	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	CSL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						4 mi		

July 10, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	85 °F	Dir.	N	Temp.	Some areas of patchy ground fog.			
				72				
Min.	63 °F	Vel.	5 m.p.h.	Read.				29.097
Set	66 °F	Char.	light breeze	Corr.	28.870			
R. H.	88 %	24 hr. Mov.	95	Sea L.	30.180	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	.03 in.	Prev. Dir.	SE	3 hr. Tend.	/	8/10 stratus		
						Wx	Wx	Wx
						5air		
Ppn.	— in.	Snow Depth	— in.	Observer	GA.	Vis.	Vis.	Vis.
						10 miles		

JULY 11, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F		Dir. SE	Temp. 72			
Min. 66 °F		Vel. 3 m.p.h.	Read. 28.982			
Set 68 °F		Char. LIGHT	Corr. 28.855			
R. H. 88 %		24 hr. Mov. 128	Sea L. 30.164	0700 Clds. 10/10 NWS	1300 Clds.	1900 Clds.
Ppn. .10 in.	Liq.	Prev. Dir. SE	3 hr. Tend. +1.05	Wx R-F OCNL R	Wx	Wx
Ppn. — in.	Sol.	Snow Depth — in.	Observer CS.	Vis. 4 mi	Vis.	Vis.

JULY 12, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. S	Temp. 72°			
Min.	67 °F	Vel. 4 m.p.h.	Read. 28.91			
Set	71 °F	Char. light	Corr. 28.79			
R. H.	93 %	24 hr. Mov. 120	Sea L. 30.14"	0700 Clds. 10/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.15 in.	Prev. Dir. SSE	3 hr. Tend. +.3	Wx Fog	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JE	Vis. 5 mi.	Vis.	Vis.

JULY 13, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	87 °F	Dir.	SW	Temp.	74		
Min.	69 °F	Vel.	6 m.p.h.	Read.	28.888		
Set	72 °F	Char.	STEADY	Corr.	28.756		
R. H.	95 %	24 hr. Mov.	132	Sea L.	0700	1300	1900
Ppn.	.26 in.	Prev. Dir.	SSW	3 hr. Tend.	Clds. 3/10 Ci - S + E 2/10 St Cu - W	Clds.	Clds.
Ppn.	in.	Snow Depth	in.	Observer	Wx FOG E HAZE Everywhere	Wx	Wx
					Vis. 5 mi E. 10 mi W.	Vis.	Vis.

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JULY 14, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	SW	Temp.	74°			
Min.	61 °F	Vel.	5 m.p.h.	Read.	29.05			
Set	66 °F	Char.	lite breeze	Corr.	28.92			
R. H.	85 %	24 hr. Mov.	150	Sea L.	30.28"	0700	1300	1900
Ppn.	—	Prev. Dir.	SSW	3 hr. Tend.	+1.1 /	Clds.	Clds.	Clds.
	— in.					Clear		
Ppn.	—	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
	— in.					Vis.	Vis.	Vis.
						20 mi.		

JULY 15, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	87 °F	Dir.	SSE	Temp.	73° Ground fog in valleys		
Min.	61 °F	Vel.	2 m.p.h.	Read.	29.07		
Set	66 °F	Char.	Near calm	Corr.	28.94		
R. H.	85 %	24 hr. Mov.	85	Sea L.	0700	1300	1900
					Clds. 4/10 Cirrus	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	Wx
-	in.	N	+1.6/				
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
-	in.	- in.	JG	10 mi.			

July 16, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	90 °F	Dir.	SW	Temp.	Some ground fog in valleys			
Min.	66 °F	Vel.	1 m.p.h.	Read.				29.040
Set	70 °F	Char.	Calm	Corr.				28.900
R. H.	82 %	24 hr. Mov.	120	Sea L.	30.210	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	WSW	3 hr. Tend.	—	Wx	Wx	Wx
						thick haze		
Ppn.	— in.	Snow Depth	— in.	Observer	C.S.	Vis.	Vis.	Vis.
						5 miles		

July 17 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	93 °F	Dir.	SE	Temp.	74	very hazy with ground fog in valleys.		
Min.	69 °F	Vel.	1 m.p.h.	Read.	28.962			
Set	70 °F	Char.	Calm	Corr.	28.830			
R. H.	94 %	24 hr. Mov.	104	Sea L.	30.140	0700	1300	1900
Ppn.	0.12 in.	Prev. Dir.	E	3 hr. Tend.	—	Clds. 5/10 Altostratus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GA.	Wx thick haze	Wx	Wx
						Vis. 5 miles	Vis.	Vis.

JULY 18, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	90 °F	Dir.	SW	Temp.	75		
Min.	69 °F	Vel.	4 m.p.h.	Read.	28.921		
Set	71 °F	Char.	LIGHT	Corr.	28.787		
R. H.	95% %	24 hr. Mov.	113	Sea L.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds.	Clds.	Clds.	
.35	in.	SSW	1.05	4/10 ACU			
Ppn.	Sol.	Snow Depth	Observer	Wx	Wx	Wx	
—	in.	— in.	P.J.	HAZE			
				Vis. 2 mi E	Vis.	Vis.	
				5 mi W			

JULY 19, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	91 °F	Dir.	S	Temp.	75		
Min.	66 °F	Vel.	2 m.p.h.	Read.	28.97		
Set	71 °F	Char.	Near Calm	Corr.	28.84		
R. H.	88%	24 hr. Mov.	75	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					Vis.	Vis.	Vis.
					5		

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JULY 20, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SSW	Temp. 74			
Min.	68 °F	Vel. 3 m.p.h.	Read. 28.85			
Set	71 °F	Char. light	Corr. 28.72			
R. H.	97 %	24 hr. Mov. 140	Sea L. 30.07"	0700 Clds. 8/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.74 in.	Prev. Dir. SSW	3 hr. Tend. +.6 ✓	Wx Haze	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JLB	Vis. 3 mi	Vis.	Vis.

JULY 21st 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	92 °F	Dir. 3	Temp. 77°			
Min.	71 °F	Vel. S m.p.h.	Read. 28.88			
Set	77 °F	Char. Near calm	Corr. 28.74			
R. H.	79 %	24 hr. Mov. 130	Sea L. 30.07"	0700 Clds. 8/10 Alto cu	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. S	3 hr. Tend. + .2 -	Wx Haze	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JG	Vis. 3 mi.	Vis.	Vis.

JULY 22nd 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	90 °F	Dir. NNW	Temp. 75			
Min.	64 °F	Vel. 5 m.p.h.	Read. 28.95			
Set	66 °F	Char. mod. breeze	Corr. 28.82			
R. H.	70 %	24 hr. Mov. 165	Sea L. 30.16"	0700 Clds. Clear	1300 Clds.	1900 Clds.
Ppn. Liq.	.29 in.	Prev. Dir. S → NW	3 hr. Tend. +3.01"	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JG	Vis. 30 mi.	Vis.	Vis.

23 July 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. SSW	Temp. 72			
Min.	52 °F	Vel. 2 m.p.h.	Read. 29.050			
Set	59 °F	Char. Steady	Corr. 28.924			
R. H.	79 %	24 hr. Mov. 161	Sea L. 30.272	0700 Clds. 4/10 4/10 Ci 4/10 C:STR.	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. W-SW	3 hr. Tend. +0.85	Wx None	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer CSL	Vis. 15+ mi	Vis.	Vis.

24 July 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80.0 °F	Dir. E	Temp. 72	Ground fog in Eastern Valleys		
Min.	54 °F	Vel. 2 m.p.h.	Read. 28.908			
Set	60 °F	Char. Steady	Corr. 28.981			
R. H.	85 %	24 hr. Mov. 105	Sea L. 30.112	0700 Clds. 2/10 ci	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. S → SE	3 hr. Tend. ± 0.0—	Wx None	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer CSL	Vis. 15 to west 5 to East	Vis.	Vis.

JULY 25TH 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SSW	Temp. 72°			
Min.	60 °F	Vel. 8 m.p.h.	Read. 28.62"			
Set	71 °F	Char. moderate	Corr. 28.50"			
R. H.	95 %	24 hr. Mov. 145	Sea L. 29.86"	0700 Clds. 10/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.41" in.	Prev. Dir. S	3 hr. Tend. -1.5"	Wx Fog with l. drizzle	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JG	Vis. 2 1/2	Vis.	Vis.

JULY 26, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. WNW	Temp. 68°			
Min.	55 °F	Vel. 7 m.p.h.	Read. 28.89			
Set	59 °F	Char. moderate	Corr. 28.77			
R. H.	66 %	24 hr. Mov. 185	Sea L. 30.12"	0700 Clds. Clear	1300 Clds.	1900 Clds.
Ppn. Liq.	1.32 in.	Prev. Dir. S → NW	3 hr. Tend. +2.2 /	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JG	Vis. +30 mi.	Vis.	Vis.

JULY 27, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. W	Temp. 70			
Min.	49 °F	Vel. 2 m.p.h.	Read. 29.06			
Set	56 °F	Char. Nearcalm	Corr. 28.94			
R. H.	80 %	24 hr. Mov. 165	Sea L. 30.29"	0700 Clds. Clear	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. W	3 hr. Tend. +1.2	Wx	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer JLG	Vis. 30 mi.	Vis.	Vis.

JULY 28, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	74 °F	Dir.	NE	Temp.	Thick ground fog in valley to NE		
Min.	50 °F	Vel.	3 m.p.h.	Read.			
Set	55 °F	Char.	Near calm	Corr.			
R. H.	83 %	24 hr. Mov.	75	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	N	3 hr. Tend.	Clds. 7/10 Cirrus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					Vis. 8 mi.	Vis.	Vis.

JULY 29, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	77 °F	Dir.	S	Temp.	74		
Min.	55 °F	Vel.	4 m.p.h.	Read.	28.98		
Set	64 °F	Char.	Hebreeze	Corr.	28.86		
R. H.	65 %	24 hr. Mov.	120	Sea L.	0700	1300	1900
					Clds. 4/10	Clds.	Clds.
					ATbcu		
Ppn.	— in.	Prev. Dir.	SSE	3 hr. Tend.	Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				VG	15 mi.		

30 July 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F		Dir. S	Temp. 74			
Min. 63 °F		Vel. 3 m.p.h.	Read. 28.770			
Set 65 °F		Char. Steady	Corr. 28.639	0700	1300	1900
R. H. 90 %		24 hr. Mov. 112	Sea L. 29.944	Clds. No ST.	Clds.	Clds.
Ppn. Liq. .02 in.		Prev. Dir. S	3 hr. Tend. +0.95	Wx Drizzling	Wx	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer CSL	Vis. 2 mi	Vis.	Vis.

July 31, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	82 °F	Dir.	S	Temp.	76°		
Min.	62 °F	Vel.	1 m.p.h.	Read.	28.842		
Set	64 °F	Char.	calm	Corr.	28.705		
R. H.	92 %	24 hr. Mov.	130	Sea L.	0700	1300	1900
					Clds. X	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx			
	T in.	SSW	/	fog			
Ppn.	Sol.	Snow Depth	Observer	Vis.			
	— in.	— in.	C.S.	1 1/2 miles			