

September 2, 1978 700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	E	Temp.	77°			
Min.	68 °F	Vel.	1 m.p.h.	Read.	29.105			
Set	70 °F	Char.	Calm	Corr.	28.960			
R. H.	94 %	24 hr. Mov.	74	Sea L.	30.270	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	—	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GD	Wx	Wx	Wx
						Observed		
						fog		
						Vis.	Vis.	Vis.
						1 1/2 miles		

September 2, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	88 °F	Dir.	SW	Temp.	80			
Min.	67 °F	Vel.	3 m.p.h.	Read.	29.040			
Set	68.5 °F	Char.	calm	Corr.	28.892			
R. H.	95 %	24 hr. Mov.	100	Sea L.	30.20	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	S-SW	3 hr. Tend.	+A —	Wx	Wx	Wx
						Wx sunny ground fog		
Ppn.	— in.	Snow Depth	— in.	Observer	PK	Vis.	Vis.	Vis.
						2 miles		

September 3, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SSW	Temp. 74			
Min.	66 °F	Vel. 3 m.p.h.	Read. 28.987			
Set	68 °F	Char. light breeze	Corr. 28.851	0700	1300	1900
R. H.	85 %	24 hr. Mov. 160	Sea L. 30.164	Clds. % stratus	Clds.	Clds.
Ppn. Liq.	.01 in.	Prev. Dir. SW	3 hr. Tend. /	Wx overcast	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer C.D.	Vis. 4 miles HAZE	Vis.	Vis.

September 4, 1977

Meteorological Observatory
University Park, Pa.

Temp.		Wind		700 EST		General Obs.		
Max.	83 °F	Dir.	NE	Barom.	Temp.			
Min.	55 °F	Vel.	1 m.p.h.	Read.	29.000			
Set	62 °F	Char.	Calm	Corr.	28.870			
R. H.	76 %	24 hr. Mov.	118	Sea L.	30.200	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NNE	3 hr. Tend.	—	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	C.S.	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.

Clds. 6% cirrocumulus
 Wx Partly Sunny
 Vis. 4 miles Ground fog

September 5 1977 00 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind'	Barom.	General Obs.		
Max.	85 °F	Dir. SSW	Temp. 77 °F			
Min.	65 °F	Vel. 2 m.p.h.	Read. 28.865			
Set	67 °F	Char. Calm	Corr. 28.725			
R. H.	77 %	24 hr. Mov. 107	Sea L. 30.035	0700 Clds. 5/8 Altostratus	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SE	3 hr. Tend. —	Wx Partly Sunny	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer C.S.	Vis. 3 miles fog	Vis.	Vis.

September 6, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. SW	Temp. 75			
Min.	67 °F	Vel. 3 m.p.h.	Read. 28.86			
Set	67.5 °F	Char. light variable S-W	Corr. 28.727			
R. H.	92 %	24 hr. Mov. 107	Sea L. 30.04	0700 Clds. Stratus	1300 Clds.	1900 Clds.
Ppn.	Liq. 7 in.	Prev. Dir. variable S-SW	3 hr. Tend. +.03"	Wx Cloudy Wazy ▽	Wx	Wx
Ppn.	Sol. - in.	Snow Depth in.	Observer PJK	Vis. 1/2 mi.	Vis.	Vis.

SEPT. 7, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. NE	Temp. 64°			
Min.	57 °F	Vel. 7 m.p.h.	Read. 29.00			
Set	58 °F	Char. breezy	Corr. 28.89			
R. H.	88 %	24 hr. Mov. 130	Sea L. 30.22"	0700 Clds. 19/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. NNE	3 hr. Tend. +1.7 /	Wx	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer JG	Vis. 8 mi.	Vis.	Vis.

SEPTEMBER 8, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. NE	Temp. 68			
Min.	58 °F	Vel. 4 m.p.h.	Read. 28.960			
Set	60 °F	Char. light winds	Corr. 28.843			
R. H.	93 %	24 hr. Mov. 90	Sea L. 30.20"	0700 Clds. 10/10 Stratus	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. NE	3 hr. Tend. +2.2 mb	Wx overcast haze	Wx	Wx
Ppn.	Sol. in.	Snow Depth - in.	Observer PJK	Vis. 1/2 mi.	Vis.	Vis.

SEPT. 9, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75°F	Dir. S	Temp. 69°			
Min.	57°F	Vel. 3 m.p.h.	Read. 28.96			
Set	60°F	Char. Near calm	Corr. 28.84			
R. H.	83%	24 hr. Mov. 85	Sea L. 30.18"	0700 Clds. 9/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +.75	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JTG	Vis. 12 mi.	Vis.	Vis.

September 10, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. SSW	Temp. 72	Ridges capped by low clouds		
Min.	60 °F	Vel. 3 m.p.h.	Read. 28.735			
Set	64 °F	Char. light	Corr. 28.610			
R. H.	87%	24 hr. Mov. 150	Sea L. 29.920	0700 Clds. 10% strato- cumulus	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. L	Wx overcast	Wx	Wx
Ppn. Sol.	— in.	Snow Depth. — in.	Observer C.P.	Vis. 5 miles	Vis.	Vis.

September 11 1970 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	77 °F	Dir.	W	Temp.	72°		
Min.	52 °F	Vel.	8 m.p.h.	Read.	28.918		
Set	55 °F	Char.	Moderate Drizzle	Corr.	28.792		
R. H.	71 %	24 hr. Mov.	230	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WNW	3 hr. Tend.	Clds. Clear	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx Sunny	Wx	Wx
					Vis. 30 miles	Vis.	Vis.

SEPT. 12, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. S	Temp. 66°			
Min.	43 °F	Vel. 3 m.p.h.	Read. 29.06			
Set	46 °F	Char. Near Calm	Corr. 28.95	0700	1300	1900
R. H.	79 %	24 hr. Mov. 155	Sea L. 30.30"	Clds. Clear	Clds.	Clds.
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +1.4/	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JEG	Vis. 20 mi.	Vis.	Vis.

Sept. 13, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	°F	Dir.		Temp.				
		S-SW		68				
Min.	°F	Vel.		Read.				
		10 m.p.h.		28.86				
Set	°F	Char.		Corr.				
		us. ty		116 28.744				
R. H.		24 hr. Mov.		Sea L.		0700	1300	1900
84 %		145		1.33 30.07		Clds. 9/10 Altostratus	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
T	in.	5		+0 mb. man		Cloudy lt. shower		
Ppn.	Sol.	Snow Depth		Observer		Vis.	Vis.	Vis.
	in.			PJK		10 mi.		

SEPT. 14, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	77 °F	Dir.	W	Temp.	Rain ending at Obs.		
Min.	58 °F	Vel.	6 to 20 11 m.p.h.	Read.			
Set	64 °F	Char.	GUSTY	Corr.			
R. H.	90 %	24 hr. Mov.	200 (Estimate)	Sea L.	0700	1300	1900
				29.88"	Clds. 10/10	Clds.	Clds.
Ppn.	.47 in.	Prev. Dir.	S	3 hr. Tend	Nimbostratus		
				+37mb ↓ PRESRR	Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				JG	15 mi.		

SEP 15 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	NW	Temp.	64			
Min.	46 °F	Vel.	2 m.p.h.	Read.	29.14			
Set	48 °F	Char.	CALM	Corr.	29.033			
R. H.	96 %	24 hr. Mov.	143	Sea L.	30.40	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend	Wx		Clds.	Clds.	Clds.
-	in.	W-NW	+2.8	light ground fog				
Ppn.	Sol.	Snow Depth	Observer	Vis.				
	in.	in.	PJK	15 mi.				

© 1977 by the American Meteorological Society. All rights reserved. Printed in the United States of America.

SEPT. 16, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. S	Temp. 65°	Rain intermittently moderate			
Min. 47 °F	Vel. 6 m.p.h.	Read. 29.13				
Set 56 °F	Char. lt. breeze	Corr. 29.02				
R. H. 90 %	24 hr. Mov. 95	Sea L. 30.38"	0700 Clds. 10/10	1300 Clds.	1900 Clds.	
Ppn. .30 in.	Liq. SSE	Prev. Dir. SSE	3 hr. Tend. +.3 ^	Wx Lt. rain	Wx	Wx
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer JLG	Vis. 2 1/2 mi.	Vis.	Vis.

9/17/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	°F	Dir.		Temp.	SFC VIS 42			
63		SW		68				
Min.	°F	Vel.		Read.				
56		00 m.p.h.		28.95				
Set	°F	Char.		Corr.				
61		Calm		28.83				
R. H.	%	24 hr. Mov.		Sea L.	0700	1300	1900	
88		86		30.17	Clds. 40 @ 250 @	Clds.	Clds.	
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
.72	m.	SW		+00	FOG			
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	
—	in.	—	in.	B	3			

9/18/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. SW	Temp. 70	* Machine Failure		
Min.	60 °F	Vel. 00 m.p.h.	Read. 28.82			
Set	65 °F	Char. calm	Corr. 28.70			
R. H.	74 %	24 hr. Mov. EST 125	Sea L. 30.06	0700 Clds. 250 0	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +00	Wx FOG HAZE	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JB	Vis. 4 mile	Vis.	Vis.

9/19/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80°F	Dir. S	Temp. 72			
Min.	64°F	Vel. 5 m.p.h.	Read. 28.68			
Set	66°F	Char. lite breeze	Corr. 28.56			
R. H.	97 %	24 hr. Mov. 180	Sea L. 29.89"	0700 Clds. 9/10 Stratus + Alto cu	1300 Clds.	1900 Clds.
Ppn. Liq.	.28 in.	Prev. Dir. SSW	3 hr. Tend. -.1 mb	Wx Fog	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JG	Vis. 4 mi.	Vis.	Vis.

SEPT. 20, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. SSW	Temp. 72°			
Min.	64 °F	Vel. 5 m.p.h.	Read. 28.64			
Set	65 °F	Char. lite breeze	Corr. 28.51	0700	1300	1900
R. H.	93 %	24 hr. Mov. 100	Sea L. 29.85"	Clds. 7/10 Altostratus + Alto cu	Clds.	Clds.
Ppn. Liq.	.63 in.	Prev. Dir. S	3 hr. Tend. +1.0 ✓	Wx Haze	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer JG	Vis. 6 mi	Vis.	Vis.

SEPT. 21, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. SW	Temp. 67			
Min.	55 °F	Vel. 5 m.p.h.	Read. 28.86"			
Set	57 °F	Char. light breeze	Corr. 28.746"	0700	1300	1900
R. H.	91 %	24 hr. Mov. 151	Sea L. 30.08"	Clds. 7/10 AS	Clds.	Clds.
Ppn.	Liq. .01 in.	Prev. Dir. WSW	3 hr. Tend. +0.04"/	Wx Mostly cloudy	Wx	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer PJK	Vis. 7 mi	Vis.	Vis.

SEPT. 22, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. SW	Temp. 66°			
Min.	55 °F	Vel. 3 m.p.h.	Read. 29.00			
Set	57 °F	Char. light	Corr. 28.89			
R. H.	95 %	24 hr. Mov. 98	Sea L. 30.23	0700 Clds. 9/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. S	3 hr. Tend. +.05"	Wx haze	Wx	Wx
Ppn. Sol.	in.	Snow Depth in.	Observer PJK	Vis. 6 mi.	Vis.	Vis.

SEPT. 23, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. NE	Temp. 63			
Min.	54 °F	Vel. 4 m.p.h.	Read. 28.94			
Set	53.5 °F	Char. light	Corr. 28.833			
R. H.	96 %	24 hr. Mov. 86	Sea L. 30.18	0700 Clds. 10/10 stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	T, in.	Prev. Dir. NE	3 hr. Tend. ±0 mm	Wx low clouds & haze	Wx	Wx
Ppn. Sol.	in.	Snow Depth in.	Observer PJK	Vis. 3 mi.	Vis.	Vis.

September 24 1977 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. SW	Temp. 66°			
Min.	53 °F	Vel. 1 m.p.h.	Read. 28.825			
Set	61 °F	Char. calm	Corr. 28.720	0700	1300	1900
R. H.	90 %	24 hr. Mov. 86	Sea L. 30.045	Clds. observed	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. /	Wx fog	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer CS.	Vis. 1 mile	Vis.	Vis.

September 25, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	66 °F	Dir.	NE	Temp.	Very low ceilings. Ridges capped by clouds.			
Min.	53 °F	Vel.	6 m.p.h.	Read.				28.900
Set	53 °F	Char.	Breezy	Corr.				28.810
R. H.	73 %	24 hr. Mov.	160	Sea L.	30.150	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	—	Clds.		
Ppn.	Sol.	Snow Depth	— in.	Observer	C.S	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						7 miles		

SEPT. 26, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60°F	Dir. S	Temp. 62°	"Smoking" Mt. Nittany		
Min.	53°F	Vel. 5 m.p.h.	Read. 28.60			
Set	55°F	Char. lite breeze	Corr. 28.50			
R. H.	97%	24 hr. Mov. 120	Sea L. 29.84"	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. 1.18 in.	Prev. Dir. E	3 hr. Tend. -1.0 L	Wx Rain shower	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer VG	Vis. 7 mi.	Vis.	Vis.

SEPT. 27, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. S-SW	Temp. 66			
Min.	55 °F	Vel. 7 m.p.h.	Read. 28.60"			
Set	58 °F	Char. breezy	Corr. 25.491"	0700	1300	1900
R. H.	80 %	24 hr. Mov. 187	Sea L. 29.81"	Clds. 1/10 CIRRUS	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. S-SW	3 hr. Tend. 1.02"	Wx Mostly clear	Wx	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer RJK	Vis. Unlimited	Vis.	Vis.

SEPT. 28, 1977

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	SSW	Temp.	62			
Min.	49 °F	Vel.	5 m.p.h.	Read.	28.67			
Set	53 °F	Char.	litz breeze	Corr.	28.57			
R. H.	90 %	24 hr. Mov.	180 Ext.	Sea L.	29.91"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+1.1 ✓	Clds. 8/10	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	JL	Stratocu	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						10 mi.		

SEPT. 29, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	66 °F	Dir.	S	Temp.	61			
Min.	43 °F	Vel.	3 m.p.h.	Read.	28.82 [*]			
Set	45 °F	Char.	calm	Corr.	28.723 [*]			
R. H.	94 %	24 hr. Mov.	138	Sea L.	30.09"	0700	1300	1900
Ppn. Liq.	.01 in.	Prev. Dir.	S-SW	3 hr. Tend.	+0.03 [*]	Clds. 1/10 str. cu.	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	PJK	Wx mostly clear haze	Wx	Wx
				Vis.	15 mi.	Vis.	Vis.	Vis.

SEPT 30 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	SW	Temp.	64			
Min.	45 °F	Vel.	3 m.p.h.	Read.	28.86			
Set	51 °F	Char.	light	Corr.	28.754			
R. H.	93 %	24 hr. Mov.	96	Sea L.	30.10	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.02"	Clds. 7/10 Altocu.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	PJK	Wx Pily cloudy	Wx	Wx
				Observer	PJK	Vis. 10 mi.	Vis.	Vis.