

MAY 1, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	71 °F	Dir.	NE	Temp.	Numerous gusts ~10 KTS			
Min.	46 °F	Vel.	3 m.p.h.	74				
Set	46 °F	Char.	STEADY	Read.				29.22
R. H.	77 %	24 hr. Mov.	51	Corr.	29.09	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW/NE	Sea L.	30.35	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	3 hr. Tend.	+1.3	Wx	Wx	Wx
		Observer		Observer		Vis.	Vis.	Vis.
						25+	25	

MAY 2, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	77 °F	Dir.	SSW	Temp.	72			
Min.	46 °F	Vel.	6 m.p.h.	Read.	28.941			
Set	62 °F	Char.	STEADY	Corr.	28.815			
R. H.	73 %	24 hr. Mov.	155	Sea L.	30.132	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	10/10 AST obs	Clds.	Clds.	Clds.
	T in.	S	+0.4 ✓	R-H		Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.	Vis.	Vis.
	— in.	— in.	P.S.	8 mi				

May 3 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max. 65	°F	Dir. NW		Temp. 74				
Min. 49	°F	Vel. 7 m.p.h.		Read. 29.062				
Set 51	°F	Char. STEADY		Corr. 28.930				
R. H. 40	%	24 hr. Mq. v. 189		Sea L. 30.280	0700 Clds. 1/10 Ag - South 1/10 Ci - SW	1300 Clds.	1900 Clds.	
Ppn. .15	Liq. in.	Prev. Dir. NNW		3 hr. Tend. +2.8	Wx	Wx	Wx	
Ppn. —	Sol. in.	Snow Depth — in.		Observer PS	Vis. 35 + mi	Vis.	Vis.	

MAY 4, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	NE	Temp.	72			
Min.	50 °F	Vel.	0 m.p.h.	Read.	28.970			
Set	51 °F	Char.	CALM	Corr.	28.843			
R. H.	52 %	24 hr. Mov.	95	Sea L.	301.93	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	.01 in.	Prev. Dir.	ENE	3 hr. Tend.	+0.7 ✓	Wx	Wx	Wx
						R-		
Ppn.	— in.	Snow Depth	— in.	Observer	R.S.	Vis.	Vis.	Vis.
						15 mi		

MAY 5, 1977

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	S	Temp.	72°			
Min.	43 °F	Vel.	2 m.p.h.	Read.	28.65			
Set	54 °F	Char.	NEAR CALM	Corr.	28.53			
R. H.	97 %	24 hr. Mov.	100	Sea L.	29.90"	0700	1300	1900
Ppn.	.18 in.	Prev. Dir.	SE	3 hr. Tend.	-.3	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	9/10 Stratus		
						Wx Fog l. drizzle	Wx	Wx
						Vis. 3 miles	Vis.	Vis.

MAY 6TH, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. WSW	Temp. 75	700 CU BUILDING LUNAR OBSERVATORY		
Min.	54 °F	Vel. 10 m.p.h.	Read. 28.75			
Set	70 °F	Char. Moderate	Corr. 28.62			
R. H.	85 %	24 hr. Mov. 195	Sea L. 29.92"	0700	1300	1900
Ppn.	Liq. .07 in.	Prev. Dir. SSW	3 hr. Tend. +1.0 ✓	Clds. 7/10 Cirr + Cu.	Clds.	Clds.
Ppn.	Sol. — in.	Snow Depth — in.	Observer JL	Wx Hazy	Wx	Wx
				Vis. 6 miles	Vis.	Vis.

5/7/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	W	Temp.	76	Peak gust 35Kts 5:30P.M. BINOC N		
Min.	57 °F	Vel.	3 m.p.h.	Read.	28.82			
Set	57 °F	Char.	STEADY	Corr.	28.71			
R. H.	94 %	24 hr. Mov.	135	Sea L.	30.03	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	.30 in.	Prev. Dir.	SW	3 hr. Tend.	+1.3	Wx	Wx	Wx
						Heavy Fog		
Ppn.	— in.	Snow Depth	— in.	Observer	JB	Vis.	Vis.	Vis.
						8		

MAY 8, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	76 °F	Dir.	WSW	Temp.	Numerous gusts Near 20 KTS			
Min.	40 °F	Vel.	3 m.p.h.	Read.				28.76
Set	45 °F	Char.	Steady	Corr.				28.64
R. H.	64 %	24 hr. Mov.	120	Sea L.	29.99	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	WSW/N/WSW	3 hr. Tend.	-0.5 L	Wx	Wx	Wx
						Fair		
Ppn.	— in.	Snow Depth	— in.	Observer	B	Vis.	Vis.	Vis.
						25		

MAY 9, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max. 67 °F		Dir. NW		Temp 58			
Min. 35 °F		Vel. 13 G 25 m.p.h.		Read. 28.511			
Set 37 °F		Char. GUSTY		Corr. 28.423			
R. H. 57 %		24 hr. Mov. Up to midnite 212		Sea L. 29.780	0700 Clds. 8/10 ACy	1300 Clds.	1900 Clds.
Ppn. .03 in.	Liq.	Prev. Dir. WNW		3 hr. Tend. +0.6 ✓	Wx	Wx	Wx
Ppn. T in.	Sol.	Snow Depth — in.		Observer P.I.	Vis. 35+	Vis.	Vis.

MAY 10, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.						
Max.	50 °F	Dir.	WNW	Temp.							
				62							
Min.	35 °F	Vel.	9 m.p.h.	Read.				28.670			
Set	41 °F	Char.	STEADY	Corr.	28.571						
R. H.	68 %	24 hr. Mov.	319	Sea L.	29.924	0700	1300	1900			
						Clds.	Clds.	Clds.			
Ppn.	T	Liq.	in.	Prev. Dir.	W	3 hr. Tend.	+1.5	Wx	Wx	Wx	
Ppn.	T	Sol.	in.	Snow Depth	— in.	Observer	PS.	Vis.	35+ mi	Vis.	Vis.

MAY 11, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F		Dir. SW	Temp. 68			
Min. 40 °F		Vel. 14 m.p.h.	Read. 28.790			
Set 50 °F		Char. STEADY	Corr. 28.673			
R. H. 52 %		24 hr. Mov. 217	Sea L. 30.036	0700 Clds. 2/10 ACCAS	1300 Clds.	1900 Clds.
Ppn. —	Liq. in.	Prev. Dir. SSW	3 hr. Tend. +1.5 ✓	Wx	Wx	Wx
Ppn. —	Sol. in.	Snow Depth —	Observer R.S.	Vis. 35+ mi	Vis.	Vis.

MAY 12, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. SSW	Temp. 70°			
Min.	45 °F	Vel. 6 m.p.h.	Read. 28.94			
Set	52 °F	Char. light	Corr. 28.82	0700	1300	1900
R. H.	50 %	24 hr. Mov. 175	Sea L. 30.18"	Clds. CLEAR	Clds.	Clds.
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +1.0 mb	Wx	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JL	Vis. 20 miles	Vis.	Vis.

MAY 13TH, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	74 °F	Dir.	WSW	Temp.	72°	700 WAVE CLOUDS → Alto-castellatus		
Min.	52 °F	Vel.	12 ^{6 to 26} m.p.h.	Read.	28.74			
Set	61 °F	Char.	Strong	Corr.	28.60			
R. H.	50 %	24 hr. Mov.	286	Sea L.	29.92"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WSW	3 hr. Tend.	0.0 ✓	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	3/10 Alto-cu	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						+15 mi.		

5/14/77

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		Gust 28 Kts 1 P.M. Few CI S-W			
Max.	78 °F	Dir.	N	Temp.	74				
Min.	50 °F	Vel.	3 m.p.h.	Read.	28.78				
Set	54 °F	Char.	STEADY	Corr.	28.65				
R. H.	38 %	24 hr. Mov.	165	Sea L.	30.00	0700		1300	1900
Ppn.	T in.	Prev. Dir.	WSW/N	3 hr. Tend.	+1.8mb	Clds.	Clear	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	B	Wx	Fair	Wx	Wx
						Vis.	25T	Vis.	Vis.

Meteorological Observatory
University Park, Pa.

5/15/77

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F		Dir. NE	Temp. 70	24Kts at 5:10P, M		
Min. 38 °F		Vel. Calm m.p.h.	Read. 28.95			
Set 48 °F		Char. —	Corr. 28.83	0700	1300	1900
R. H. 63 %		24 hr. Mov. 84	Sea L. 80.20	Clds. Clear	Clds.	Clds.
Ppn. — in.	Liq.	Prev. Dir. N	3 hr. Tend. +2.4 ✓	Wx Fair	Wx	Wx
Ppn. — in.	Sol.	Snow Depth — in.	Observer JB	Vis. 25+	Vis.	Vis.

MAY 16, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. SSW	Temp. 69			
Min.	45 °F	Vel. 4 m.p.h.	Read. 29.037			
Set	51 °F	Char. LIGHT	Corr. 28.920	0700	1300	1900
R. H.	60 %	24 hr. Mov. 69	Sea L. 30.270	Clds. 5/10 C.	Clds.	Clds.
Ppn.	Liq. in.	Prev. Dir. SE-SSW	3 hr. Tend. 1.4	Wx	Wx	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer P.S.	Vis. 25 mi.	Vis.	Vis.

MAY 17, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max. 84 * °F	Dir. SSW	Temp. 71	* MAX therm busted				
Min. 51 °F	Vel. 2 m.p.h.	Read. 28.970					
Set 62 °F	Char. LIGHT	Corr. 28.846					
R. H. 69 %	24 hr. Mov. 126	Sea L. 30.183	0700 Clds. 9/10 AC4	1300 Clds.	1900 Clds.		
Ppn. — in.	Liq. — in.	Prev. Dir. SSW	3 hr. Tend. +1.0	Wx HAZE	Wx	Wx	
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer P.S.	Vis. 8 mi	Vis.	Vis.	

MAY 18, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F		Dir. SSW	Temp. 75	BIRDIE - RW - ended about obs. time lasted ~ 5 minutes		
Min. 62 °F		Vel. 5 m.p.h.	Read. 28.861			
Set 68 °F		Char. STEADY	Corr. 28.727			
R. H. 66 %		24 hr. Mov. 166	Sea L. 30.0 31	0700 Clds. 10/10 ACU	1300 Clds.	1900 Clds.
Ppn. T	Liq. in.	Prev. Dir. SSW	3 hr. Tend. +0.95	Wx BRICK RW - H	Wx	Wx
Ppn. —	Sol. in.	Snow Depth — in.	Observer P.S.	Vis. 5 mi	Vis.	Vis.

MAY 19, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. W	Temp. 77			
Min.	62 °F	Vel. 4 m.p.h.	Read. 28.89			
Set	65 °F	Char. light	Corr. 28.76			
R. H.	84 %	24 hr. Mov. 180	Sea L. 30.08"	0700 Clds. 9/10 Stratus	1300 Clds.	1900 Clds.
Ppn.	Liq. .03 in.	Prev. Dir. SW	3 hr. Tend. +1.2 /	Wx Fog + haze	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JEG	Vis. 2 1/2 mi.	Vis.	Vis.

MAY 20th, 1977

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	NE	Temp.	76			
Min.	57 °F	Vel.	3 m.p.h.	Read.	29.02			
Set	61 °F	Char.	Neocalm.	Corr.	28.89			
R. H.	81 %	24 hr. Mov.	110	Sea L.	30.22"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	N	3 hr. Tend.	+1.51	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						5 mi.		

Clds.
3/10
Cirrus

Wx
Haze,
l.g. fog

5/21/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	88 °F	Dir.	SW	Temp.	76			
Min.	61 °F	Vel.	2 m.p.h.	Read.	29.09			
Set	66 °F	Char.	steady	Corr.	28.98			
R. H.	90 %	24 hr. Mov.	SI	Sea L.	30.28	0700	1300	1900
Ppn.	—	Prev. Dir.	SW	3 hr. Tend.	thmb/	Clds.	Clds.	Clds.
Ppn.	—	Snow Depth		Observer	B	Wx	Wx	Wx
Sol.	—			Vis.	∞	Vis.	Vis.	Vis.

22 MAY 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.	LIGHT FOG IN NE END OF THE VALLEY					
89 °F	S	78						
Min.	Vel.	Read.						
61 °F	4 m.p.h.	29.100						
Set	Char.	Corr.	0700	1300	1900			
64 °F	LIGHT	28.957	Clds.	Clds.	Clds.			
R. H.	24 hr. Mov.	Sea L.	0/10					
70 %	95	30.261	Wx	Wx	Wx			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	CLEAR				
-	in.	S	+1.51					
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
-	in.	- in.	K.H	20 mi				

MAY 23, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	87 °F	Dir.	SW	Temp.	81		
Min.	64 °F	Vel.	0 m.p.h.	Read.	29.112		
Set	65 °F	Char.	CALM	Corr.	28.962		
R. H.	72 %	24 hr. Mov.	119	Sea L.	0700	1300	1900
					Clds.	Clds.	Clds.
					2/10 ACY		
Ppn.	—	Prev. Dir.	WSW	3 hr. Tend.	Wx	Wx	Wx
	in.				HAZE		
Ppn.	—	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
	in.			P.S.	10 mi		

MAY 24, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	86 °F	Dir.	SSW	Temp.	79			
Min.	65 °F	Vel.	1 m.p.h.	Read.	29.081			
Set	70 °F	Char.	NEAR CALM	Corr.	28.936			
R. H.	80 %	24 hr. Mov.	96	Sea L.	30.246	Clds.	9/10 AL4	
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+1.4	Wx	HAZE	
Ppn.	— in.	Snow Depth	— in.	Observer	AS.	Vis.	5 mi	
						0700	1300	1900
						Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Vis.	Vis.	Vis.

May 25, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	SW	Temp.	79	Fog in N.E.		
Min.	63 °F	Vel.	2 m.p.h.	Read.	28.959			
Set	65 °F	Char.	calm	Corr.	28.814			
R. H.	79 %	24 hr. Mov.	77	Sea L.	30.121	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S-SW	3 hr. Tend.	+5/	Clds. ^{clouds} 8/10 _{HAZE 8/10}	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	CSL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						16 miles		

26 MAY 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	FOG IN NORTH ^{END} OF VALLEY			
85 °F	NNE	76				
Min.	Vel.	Read.	* PAPER CHANGED 16 HR TOTAL			
58 °F	3 m.p.h.	28.821				
Set	Char.	Corr.	0700 1300 1900			
61 °F	LIGHT	28.684				
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
73 %	* 46	29.983	1/10			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
- in.	* WSW-NNE	+1.0/	LT. FOG			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	K.H.	5 mi			

27 MAY 1977

0700 EST
Barom.

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	81. °F	Dir.	VAR	Temp.	74	Rust Pollution cloud to SW		
Min.	49 °F	Vel.	1 m.p.h.	Read.	28.831			
Set	57 °F	Char.	CALM	Corr.	28.699			
R. H.	56 %	24 hr. Mov.	89	Sea L.	30.011	0700	1300	1900
Ppn.	— in.	Prev. Dir.	N-NE	3 hr. Tend.	+9 ✓	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Cpb.	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						25 miles		

MAY 28, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F		Dir. SSW	Temp. 74			
Min. 53 °F		Vel. 3 m.p.h.	Read. 28.618			
Set 62 °F		Char. LIGHT	Corr. 28.488			
R. H. 58 %		24 hr. Mov. 78	Sea L. 29.803	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn. —	Liq. in.	Prev. Dir. S	3 hr. Tend. +0.0—	Wx BRIGHT SUNSHINE	Wx	Wx
Ppn. —	Sol. in.	Snow Depth — in.	Observer P.S.	Vis. 35 mi.	Vis.	Vis.

29 MAY 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	88 °F	Dir.	Variable northerly	Temp.	69			
Min.	51 °F	Vel.	7 m.p.h.	Read.	28.741			
Set	53 °F	Char.	LIGHT BREEZE	Corr.	28.621			
R. H.	72 %	24 hr. Mov.	198	Sea L.	29.946	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+2 ✓	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	C.A.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						30 miles		

MAY 30, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F		Dir. NE	Temp. 63			
Min. 53 °F		Vel. 5 m.p.h.	Read. 28.860			
Set 56 °F		Char. STEADY	Corr. 28.757			
R. H. 59 %		24 hr. Mov. 151	Sea L. 30.076	0700 Clds. 10/10 St	1300 Clds.	1900 Clds.
Ppn. — in.	Liq. in.	Prev. Dir. ENE	3 hr. Tend. +1.4 ✓	Wx	Wx	Wx
Ppn. — in.	Sol. in.	Snow Depth — in.	Observer P.S.	Vis. 35 mi NE 15 mi SW	Vis.	Vis.

MAY 31, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	E	Temp.	70			
Min.	55 °F	Vel.	3 m.p.h.	Read.	28.872			
Set	59 °F	Char.	LIGHT	Corr.	28.750			
R. H.	82 %	24 hr. Mov.	125	Sea L.	30.085	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	Liq. in.	Prev. Dir.	E	3 hr. Tend.	-0.1 ^	Wx	Wx	Wx
						HAZE		
Ppn.	Sol. in.	Snow Depth	in.	Observer	PS.	Vis.	Vis.	Vis.
						5 mi		