

JAN. 1<sup>st</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. NE	Temp. 57			
Min.	19 °F	Vel. 5 m.p.h.	Read. 28.78			
Set	19 °F	Char. Light breeze	Corr. 28.69			
R. H.	77 %	24 hr. Mov. 195	Sea L. 30.04"	0700 Clds. 8/10	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. NE	3 hr. Tend. -2.3 PRESFR	Wx	Wx	Wx
Ppn.	Sol. — in.	Snow Depth T in.	Observer JTG	Vis. 20 mi.	Vis.	Vis.

JAN. 2<sup>ND</sup> 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.	General Obs.		
Max.	33 °F	Dir.	WSW	Temp.	55°		
Min.	19 °F	Vel.	6 to 26	Read.	28.64		
Set	22 °F	Char.	Strong + gusty	Corr.	28.56		
R. H.	78 %	24 hr. Mov.	270	Sea L.	0700	1300	1900
Ppn.	.30 in.	Prev. Dir.	SE → SW	3 hr. Tend.	+3.2 /	Clds.	Obscured
Ppn.	3.5 in.	Snow Depth	3 in.	Observer	JG	Clds.	
						Wx	Heavy snow shower
						Wx	
						Vis.	1/4 mi.
						Vis.	

JAN. 3<sup>rd</sup> 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	27 °F	Dir.	WSW	Temp.	52°			
Min.	12 °F	Vel.	13 m.p.h.	Read.	28.78			
Set	12 °F	Char.	Strong + gusty	Corr.	28.70			
R. H.	73 %	24 hr. Mov.	310	Sea L.	30.05"	0700	1300	1900
Ppn.	T	Prev. Dir.	SW	3 hr. Tend.	+2.0 /	Clds. 2/10	Clds.	Clds.
Ppn.	T	Snow Depth	2" in.	Observer	JBG	Stratocum	Wx	Wx
						FAIR	Vis.	Vis.
							30 mi.	

JANUARY 4, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	20 °F	Dir.	S.W.	Temp.	52			
Min.	9 °F	Vel.	5 m.p.h.	Read.	29.07			
Set	11 °F	Char.	LIGHT	Corr.	28.99			
R. H.	76 %	24 hr. Mov.	225	Sea L.	30.45	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	0.0 ✓	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	2" in.	Observer	S.S.	Wx	Wx	Wx
						1/10		
						FAIR		
						20 MI.		

**JANUARY 5, 1978**

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	S-SW	Temp.	56			
Min.	11 °F	Vel.	5 m.p.h.	Read.	29.04"			
Set	32 °F	Char.	light	Corr.	28.955"			
R. H.	57 %	24 hr. Mov.	135	Sea L.	30.36"	0700	1300	1900
						Clds. 9/10	Clds.	Clds.
						<i>Altostratus</i>		
Ppn. Liq.	- in.	Prev. Dir.	SW	3 hr. Tend.	-.01"	Wx <i>Mostly Cloudy</i>	Wx	Wx
Ppn. Sol.	- in.	Snow Depth	2 in.	Observer	PJK	Vis. 6 mi.	Vis.	Vis.

**JANUARY 6, 1978**

**0700 EST**

**Meteorological Observatory  
University Park, Pa.**

Temp.		Wind		Barom.		General Obs.		
Max.	<b>41 °F</b>	Dir.	<b>NW</b>	Temp.	<b>59</b>			
Min.	<b>30 °F</b>	Vel.	<b>1</b> m.p.h.	Read.	<b>28.92"</b>			
Set	<b>32 °F</b>	Char.	<b>CALM</b>	Corr.	<b>28.827°</b>			
R. H.	<b>92 %</b>	24 hr. Mov.	<b>92</b>	Sea L.	<b>30.23°</b>	<b>0700</b>	<b>1300</b>	<b>1900</b>
Ppn.	<b>.03</b> in.	Prev. Dir.	<b>S-SW</b>	3 hr. Tend.	<b>+0.01" ~</b>	Clds. <b>10/10</b> <b>STRATUS</b>	Clds.	Clds.
Ppn.	<b>T</b> in.	Snow Depth	<b>1</b> in.	Observer	<b>PJK</b>	Wx <b>FOG</b>	Wx	Wx
						Vis. <b>1/2 MI.</b>	Vis.	Vis.

JANUARY 7, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.							
Max.	39 °F	Dir.	ENE	Temp.	60 °F						
Min.	30 °F	Vel.	5 m.p.h.	Read.	28.96						
Set	34 °F	Char.	light breeze	Corr.	28.86						
R. H.	88 %	24 hr. Mov.	98	Sea L.	30.27	0700		1300		1900	
Ppn.	.04 in.	Prev. Dir.	5	3 hr. Tend.	+2	Clds.	10/10 stratus		Clds.		
						Wx	overcast		Wx	Wx	
Ppn.	7 in.	Sol.	.5 in.	Snow Depth		Observer	C.S.		Vis.	1 1/2 miles fog	

JANUARY 8, 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. S	Temp. 59°	Ridges capped by cloud.		
Min.	34 °F	Vel. 7 m.p.h.	Read. 28.730			
Set	39 °F	Char. Med. breeze	Corr. 28.637			
R. H.	82 %	24 hr. Mov. 146	Sea L. 30.017	0700 Clds. 10/10 stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.75 in.	Prev. Dir. ENE	3 hr. Tend. -2	Wx RAIN	Wx	Wx
Ppn. Sol.	- in.	Snow Depth .5 in.	Observer C.P.	Vis. 10 miles	Vis.	Vis.



JAN. 9, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. WSW	Temp. 57°			
Min.	21 °F	Vel. 15 m.p.h.	Read. 28.05			
Set	21 °F	Char. GUSTY	Corr. 27.965			
R. H.	81 %	24 hr. Mov.	Sea L.	0700	1300	1900
		232	29.37	Clds. OVC	Clds.	Clds.
Ppn. Liq.	1.25 in.	Prev. Dir.	3 hr. Tend.	Wx MODERATE SNOW	Wx	Wx
		SSW	+ .08 /			
Ppn. Sol.	<del>0.30</del> .30 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		<del>0.30</del> .30 in.	SS	1/4 MI		

JANUARY 10, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	21 °F	Dir.	SW	Temp.	44			
Min.	1 °F	Vel.	23 m.p.h.	Read.	28.46			
Set	2 °F	Char.	Gusts > 40 kts	Corr.				
R. H.	66 %	24 hr. Mov.	478	Sea L.	29.75	0700	1300	1900
Ppn.	.10 in.	Prev. Dir.	SW	3 hr. Tend.	+ .05"	Clds. 4/10 stratus.	Clds.	Clds.
Ppn.	1.4 in.	Snow Depth	2 in.	Observer	PJK	Wx Partly Cloudy	Wx	Wx
						Vis. 10 mi.	Vis.	Vis.

JAN. 11, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	12 °F	Dir.	SW	Temp.	50°			
Min.	-2 °F	Vel.	12 m.p.h.	Read.	28.95			
Set	8 °F	Char.	Moderate	Corr.	28.87			
R. H.	79 %	24 hr. Mov.	380	Sea L.	30.30	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.07/	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	.5 in.	Observer	SS	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						3 mi		

JAN. 12, 1978

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa.		
Max.	16 °F	Dir.	SW	Barom.	Temp.	General Obs.		
Min.	8 °F	Vel.	4 m.p.h.		50			
Set	11 °F	Char.	LIGHT	Read.	29.04"			
R. H.	65 %	24 hr. Mov.	288	Corr.	28.97"			
Ppn. Liq.	- in.	Prev. Dir.	SW	Sea L.	30.34"	0700	1300	1900
Ppn. Sol.	- in.	Snow Depth	T in.	3 hr. Tend.	0 ~	Clds.	Clds.	Clds.
				Observer	PJK	Wx	Wx	Wx
				Vis.	10 MI	CLEAR		
				Vis.				

JANUARY 13, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. E-NE	Temp. 53			
Min.	11 °F	Vel. 7 m.p.h.	Read. 28.87"			
Set	21 °F	Char. Some gusto	Corr. 28.793"			
R. H.	84 %	24 hr. Mov. 85	Sea L. 30.14"	0700 Clds. 10/10 STRATUS	1300 Clds.	1900 Clds.
Ppn.	.06 in.	Prev. Dir. SW	3 hr. Tend. -.03" ~	Wx LIGHT SNOW	Wx	Wx
Ppn.	0.8 in.	Snow Depth 1 in.	Observer PJK	Vis. 1 MILE	Vis.	Vis.

JAN 14 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	26 °F	Dir.	N	Temp.	540	BLOWING + DRIFTING		
Min.	21 °F	Vel.	15 m.p.h.	Read.	28.99			
Set	24 °F	Char.	Gusty	Corr.	28.27			
R. H.	100 %	24 hr. Mov.	180	Sea L.	29.68	0700	1300	1900
Ppn.	.75 in.	Prev. Dir.	NE	3 hr. Tend.	-1.2 mb	Clds.	Clds.	Clds.
Ppn.	7.5" Sol. in.	Snow Depth	8" in.	Observer	B	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						1 mile		

JAN 15, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	25 °F	Dir. W	Temp. 54	* RAIN GAUGE FROZEN SOLID		
Min.	11 °F	Vel. 8 m.p.h.	Read. 28.74			
Set	12 °F	Char. GUSTY	Corr. 28.64			
R. H.	84 %	24 hr. Mov. 155	Sea L. 29.94	0700 Clds. 9/10 SC	1300 Clds.	1900 Clds.
Ppn.	Liq. .15 in.	Prev. Dir. NW	3 hr. Tend. +1.3 /	Wx SW--	Wx	Wx
Ppn.	Sol. 1.5 in.	Snow Depth 9" in.	Observer B	Vis. 10	Vis.	Vis.

JAN. 16, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	25 °F	Dir.	SW	Temp.	52		
Min.	9 °F	Vel.	10 m.p.h.	Read.	28.90		
Set	16 °F	Char.	STEADY	Corr.	28.82		
R. H.	74 %	24 hr. Mov.	289	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	9" in.	Observer	Wx SNOW FLURRIES	Wx	Wx
					Vis.	Vis.	Vis.
					4 MI.		



JANUARY 17, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 25 °F		Dir. NE	Temp. 54°			
Min. 16 °F		Vel. 5 m.p.h.	Read. 29.01"			
Set 19 °F		Char. LIGHT	Corr. 28.92'			
				0700	1300	1900
R. H. 100 %		24 hr. Mov. 108	Sea L. 30.37"	Clds. OBSCURED	Clds.	Clds.
Ppn. Liq. .11 in.		Prev. Dir. SW	3 hr. Tend. 0 ~	Wx LIGHT SNOW	Wx	Wx
Ppn. Sol. 1.3 in.		Snow Depth 7 in.	Observer PJK	Vis. $\frac{3}{4}$ mi.	Vis.	Vis.

JAN. 18, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	24 °F	Dir.	W	Temp.	55°			
Min.	18 °F	Vel.	7 m.p.h.	Read.	28.64			
Set	23 °F	Char.	LIGHT	Corr.	28.56			
R. H.	82 %	24 hr. Mov.	148	Sea L.	29.98	0700	1300	1900
Ppn.	1.12 in.	Prev. Dir.	WNW	3 hr. Tend.	+0.09"	Clds.	Clds.	Clds.
Ppn.	20.5 in.	Snow Depth	18 in.	Observer	SS	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						5MI		

JANUARY 19, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. N	Temp. 58			
Min.	17 °F	Vel. 2 m.p.h.	Read. 29.00			
Set	17 °F	Char. CALM	Corr. 28.91			
R. H.	80 %	24 hr. Mov. 145	Sea L. 30.36	0700 Clds. 9/10 Circumstratus	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. W-NW	3 hr. Tend. 0.8	Wx cloudy	Wx	Wx
Ppn.	Sol. - in.	Snow Depth 17 in.	Observer PJK	Vis. 9 mi.	Vis.	Vis.

JANUARY 20, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	23 °F	Dir. NE	Temp. 56			
Min.	17 °F	Vel. 12 m.p.h.	Read. 28.56			
Set	21 °F	Char. gusty	Corr. 28.476			
R. H.	97 %	24 hr. Mov.	Sea L.	0700	1300	1900
		152	29.89"	Clds. OBSCURED	Clds.	Clds.
Ppn.	Liq. .51 in.	Prev. Dir. NE	3 hr. Tend. -.11"	Wx MODERATE SNOW	Wx	Wx
Ppn.	Sol. 5.3 in.	Snow Depth 22 in.	Observer PJK	Vis. 1/2 mi.	Vis.	Vis.

JANUARY 21, 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	23 °F	Dir. WSW	Temp. 56			
Min.	16 °F	Vel. Gusty - 18 12 m.p.h.	Read. 28.74			
Set	16 °F	Char. FRESH BREEZE	Corr. 28.64			
R. H.	83 %	24 hr. Mov. 205	Sea L. 30.09	0700 Clds. % cirrostratus % cumulus	1300 Clds.	1900 Clds.
Ppn. Liq.	.68 in.	Prev. Dir. WNW	3 hr. Tend. +2 /	Wx SUNNY	Wx	Wx
Ppn. Sol.	7.5 in.	Snow Depth 28 in.	Observer C.P.	Vis. 30 miles	Vis.	Vis.

January 22, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	20 °F	Dir.	WSW	Temp.	56°F			
Min.	16 °F	Vel.	2 m.p.h.	Read.	29.10			
Set	18 °F	Char.	Almost calm	Corr.	29.01			
R. H.	84 %	24 hr. Mov.	235	Sea L.	30.485	0700	1300	1900
Ppn.	.02 in.	Prev. Dir.	W	3 hr. Tend.	+1	Clds.	Clds.	Clds.
Ppn.	.3 in.	Snow Depth	26 in.	Observer	J.P.	19% sym. cl.		
						Wx	Wx	Wx
						OVERCAST		
						Vis.	Vis.	Vis.
						12 miles		

JAN. 23, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	23 °F	Dir.	S.W	Temp.	56°			
Min.	11 °F	Vel.	4 m.p.h.	Read.	29.12			
Set	13 °F	Char.	LIGHT	Corr.	29.035			
R. H.	80 %	24 hr. Mov.	123	Sea L.	30.52	0700	1300	1900
Ppn.	—	Prev. Dir.	SW	3 hr. Tend.	+0.01 —	Clds.	Clds.	Clds.
	— in.					0/10	—	—
						Wx	Wx	Wx
Ppn.	—	Snow Depth	24 in.	Observer	SS	Vis.	Vis.	Vis.
	— in.					5		

JANUARY 24, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	27 °F	Dir.	S	Temp.	57°			
Min.	8 °F	Vel.	1 m.p.h.	Read.	28.94"			
Set	9 °F	Char.	CALM	Corr.	28.853"			
R. H.	84 %	24 hr. Mov.	67	Sea L.	30.33"	0700	1300	1900
						Clds. 2/10 CIRRUS	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	W-SW	3 hr. Tend.	-.03" ↙	Wx MOSTLY CLEAR	Wx	Wx
Ppn.	- in.	Snow Depth	22 in.	Observer	PJK	Vis. 10 MI.	Vis.	Vis.



JAN. 25, 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. SSW	Temp. 60°			
Min.	9 °F	Vel. 3 m.p.h.	Read. 28.55			
Set	34 °F	Char. LIGHT	Corr. 28.467	0700	1300	1900
R. H.	82 %	24 hr. Mov. 73	Sea L. 29.87	Clds. OVC.	Clds.	Clds.
Ppn.	Liq. 28 in.	Prev. Dir. S.W.	3 hr. Tend. -.02" \	Wx LIGHT RAIN	Wx	Wx
Pon.	Sol. 18 in.	Snow Depth 18 in.	Observer SS	Vis. 3 MI.	Vis.	Vis.

JANUARY 26, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. S	Temp. 58°			
Min.	34 °F	Vel. 26 m.p.h.	Read. 27.43"			
Set	42 °F	Char. GUSTS TO 46 KTS.	Corr. 27.34"			
R. H.	89 %	24 hr. Mov. 152	Sea L. 28.64"	0700 Clds. 10/10 Wx mb status	1300 Clds.	1900 Clds.
Ppn. Liq.	1.37 in.	Prev. Dir. E	3 hr. Tend. -.05" V	Wx Heavy rain	Wx	Wx
Ppn. Sol.	- in.	Snow Depth 12 in.	Observer PJK	Vis. 2 mi.	Vis.	Vis.

JAN. 27, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
42 °F	SSW	52				
Min.	Vel.	Read.				
9 °F	16 m.p.h.	28.16				
Set	Char.	Corr.				
14 °F	GUSTY	28.088	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
73 %	501	29.51	0vc.			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
.03 in.	SW	T.03"/	—			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
<del>0.03</del> in.	12 in.	SS	3 mi.			

1/28/78

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.		Dir.		Temp.				
13	°F	SW		48°				
Min.		Vel.		Read.				
8	°F	8	m.p.h.	28.48				
Set		Char.		Corr.				
8	°F	GUSTY		28.41				
R. H.		24 hr. Mov.		Sea L.		0700	1300	1900
81	%	245		29.85	Clds.			
					10/10SC			
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	Wx
.01	in.	SW		+6mb/	S-			
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	Vis.
.1	in.	12 in.		B	5			

0700 1/29/79

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
14	°F	WSW	52			
Min.		Vel.	Read.			
8	°F	7 m.p.h.	28.59			
Set		Char.	Corr.			
12	°F	STEADY	28.52			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
84	%	180	29.93	Clds. 10/10 SC	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
.01	in.	WSW	+1mb/	SW--		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
.1	in.	12 in.	B	8		

JAN. 30, 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	20 °F	Dir.	SW	Temp.	50			
Min.	9 °F	Vel.	9 m.p.h.	Read.	28.82			
Set	16 °F	Char.	STEADY	Corr.	28.75			
R. H.	72 %	24 hr. Mov.	259	Sea L.	30.21	0700	1300	1900
Ppn.	0.03 in.	Prev. Dir.	SW	3 hr. Tend.	+0.015"	Clds. ST. 9/10	Clds.	Clds.
Ppn.	0.5 in.	Sol.	12 in.	Snow Depth	55.	Wx	Wx	Wx
		Observer		Observer		Vis.	Vis.	Vis.
						5 MI.		

**JANUARY 31, 1978**

**0700 EST**

**Meteorological Observatory  
University Park, Pa.**

Temp.		Wind		Barom.		General Obs.		
Max.	22 °F	Dir.	W	Temp.	51			
Min.	8 °F	Vel.	5 m.p.h.	Read.	28.85			
Set	9 °F	Char.	light	Corr.	28.78			
R. H.	76 %	24 hr. Mov.	199	Sea L.	30.24	0700	1300	1900
						Clds. 10/10 Altostratus	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	0 —	Wx	Wx	Wx
						Cloudy		
Ppn.	T in.	Snow Depth	12 in.	Observer	PJK	Vis.	Vis.	Vis.
						5 mi.		

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