

DECEMBER 1, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	W	Temp.	57			
Min.	33 °F	Vel.	6 m.p.h.	Read.	28.39"			
Set	36 °F	Char.	steady	Corr.	28305"			
R. H.	100 %	24 hr. Mov.	III	Sea L.	29.67"	0700	1300	1900
Ppn.	.57 in.	Prev. Dir.	S	3 hr. Tend.	-.04"/hr	Clds. 10/10 stratus	Clds.	Clds.
Ppn.	- in.	Snow Depth	T in.	Observer	PJK	Wx fog drizzle	Wx	Wx
				Observer	PJK	Vis. 1/2 mi.	Vis.	Vis.

DEC. 2, 1977

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa.		
Max.	48 °F	Dir.	SSW	Barom.	Temp.	General Obs.		
Min.	35 °F	Vel.	14 m.p.h.	Read.	58°			
Set	40 °F	Char.	Strong breeze	Corr.	28.60			
R. H.	59 %	24 hr. Mov.	270	Sea L.	28.51			
Ppn. Liq.	T in.	Prev. Dir.	SSW	3 hr. Tend.	+2.51	0700	1300	1900
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	JG	Clds. 9/10	Clds.	Clds.
						Stratocum.	Wx	Wx
							Wx	Wx
							Vis.	Vis.
							30 mi.	Vis.

12/3/77

Temp.		Wind	0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	45 °F	Dir.	S	Barom.	Widespread Frost		
Min.	32 °F	Vel.	Calm	Temp.	60°		
Set	32 °F	m.p.h.		Read.	28.61		
R. H.	81 %	Char.	Steady	Corr.	28.51		
Ppn.		24 hr. Mov.	155	Sea L.	0700	1300	1900
Liq.		Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Sol.		Snow Depth	- in.	Observer	Scr AC		
					Wx	Wx	Wx
					Partly Cloudy (Frost)		
					Vis.	Vis.	Vis.
					10+		

12/4/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	WSW	Temp.	60	Peak Wind 25 kts... 5:39am * Precip frozen in RAIN Gauge		
Min.	27 °F	Vel.	6 m.p.h.	Read.	28.72			
Set	28 °F	Char.	STEADY	Corr.	28.63			
R. H.	65 %	24 hr. Mov.	133	Seq L.	29.99	0700	1300	1900
Ppn. Liq.	* .05 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.7/	Clds.	Clds.	Clds.
Ppn. Sol.	* .2 in.	Snow Depth	T in.	Observer	B	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						10		

12/5/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	38 °F	Dir.	NE	Temp.	60°		
Min.	19 °F	Vel.	9 m.p.h.	Read.	28.61		
Set	25 °F	Char.	GUSTY	Corr.	28.516		
R. H.	88 %	24 hr. Mov.	179	Sea L.	0700	1300	1900
Ppn.	.12 in.	Prev. Dir.	NE	3 hr. Tend.	Clds.	Clds.	Clds.
Sol.	1.5 in.	Snow Depth	1.0 in.	Observer	Wx	Wx	Wx
					Obsc		
					Wx		
					Wx		
					Wx		
					Vis.	Vis.	Vis.
					1/2 mi.		

DECEMBER 6, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. SW	Temp. 58			
Min.	25 °F	Vel. 11 m.p.h.	Read. 28.13"			
Set	30 °F	Char. breezy	Corr. 28.053"			
R. H.	85 %	24 hr. Mov. 210	Sea L. 29.43"	0700 Clds. 10/10 stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.70 in.	Prev. Dir. SE	3 hr. Tend. +0V	Wx light snow grains	Wx	Wx
Ppn. Sol.	4.5 in.	Snow Depth 5 in.	Observer PJK	Vis. 3 mi.	Vis.	Vis.

DEC 7, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	31 °F	Dir.	SW	Temp.	52		
Min.	10 °F	Vel.	17 m.p.h.	Read.	28.52		
Set	10 °F	Char.	GUSTY	Corr.	28.44		
R. H.	73 %	24 hr. Mov.	342	Sea L.	0700	1300	1900
Ppn. Liq.	.25 in.	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn. Sol.	4.0 in.	Snow Depth	7 in.	Observer	7/10		
					Wx	Wx	Wx
					WINDY		
					Vis.	Vis.	Vis.
					4 MI		

DECEMBER 8, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	20 °F	Dir.	S	Temp.	54			
Min.	9 °F	Vel.	6 m.p.h.	Read.	29.08			
Set	11 °F	Char.	light	Corr.	29.00			
R. H.	92 %	24 hr. Mov.	284	Sea L.	3045	0700	1300	1900
						Clds. 6/10 Alto cu.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.06"/	Wx Partly cloudy	Wx	Wx
Ppn.	T in.	Sol.		Snow Depth	6 in.	Observer	PJK	Vis.
						Vis.	7 mi.	Vis.

DEC. 9, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	30° °F	Dir. S	Temp. 55°			
Min.	10° °F	Vel. 9 m.p.h.	Read. 28.47			
Set	29° °F	Char. mod. breeze	Corr. 28.47	0700	1300	1900
R. H.	82%	24 hr. Mov. 175	Sea L. 29.76"	Clds. 10/10 Stratus	Clds.	Clds.
Ppn. Liq.	.40 in.	Prev. Dir. S	3 hr. Tend. -2.5"	Wx Light snow	Wx	Wx
Ppn. Sol.	4" in.	Sngw Depth 9.5 in.	Observer JG	Vis. 5 mi.	Vis.	Vis.

December 10, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	34 °F	Dir.	SW	Temp.	52°			
Min.	4 °F	Vel.	8 m.p.h.	Read.	29.120			
Set	6 °F	Char.	Moderate breeze	Corr.	29.045			
R. H.	76 %	24 hr. Mov.	357	Sea L.	30.540	0700	1300	1900
Ppn.	.06 in.	Prev. Dir.	WSW	3 hr. Tend.	1.3	Clds.	Clds.	Clds.
Ppn.	0.8 in.	Snow Depth	9 in.	Observer	C.P.	9/10 stratus overcast	Wx	Wx
						Vis.	Vis.	Vis.
						5 miles		

December 11, 1977 700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	15 °F	Dir. SSW	Temp. 52°			
Min.	5 °F	Vel. 7 m.p.h.	Read. 29.190			
Set	7 °F	Char. Moderate breeze	Corr. 29.115			
R. H.	83 %	24 hr. Mov. 235	Sea L. 30.625	0700 Clds. clear	1300 Clds.	1900 Clds.
Ppn.	Liq. T. in.	Prev. Dir. WSW	3 hr. Tend. +2	Wx BUNNY	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 9" in.	Observer C.O.	Vis. 30 miles	Vis.	Vis.

DECEMBER 12, 1977 0000 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	18 °F	Dir. SE	Temp. 52°			
Min.	5 °F	Vel. 3 m.p.h.	Read. 29.14			
Set	5 °F	Char. LIGHT	Corr. 29.07	0700	1300	1900
R. H.	91 %	24 hr. Mov. 153	Sea L. 30.58	Clds. OVC.	Clds.	Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. -.05	Wx —	Wx	Wx
Ppn.	Sol. — in.	Snow Depth 7 in.	Observer S.S.	Vis. 3½	Vis.	Vis.

DECEMBER 13, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. N-NE	Temp. 55			
Min.	5 °F	Vel. 4 m.p.h.	Read. 28.97			
Set	24 °F	Char. light	Corr. 28.892			
R. H.	86 %	24 hr. Mov. 107	Sea L. 30.33	0700 Clds. 10/10 Status	1300 Clds.	1900 Clds.
Ppn. Liq.	.04 in.	Prev. Dir. S	3 hr. Tend. +0.01" —	Wx LIGHT FREEZING RAIN	Wx	Wx
Ppn. Sol.	0.1 in.	Snow Depth 6 in.	Observer DJK	Vis. 2 mi.	Vis.	Vis.

12/14/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
40 °F		SSW	59°			
Min.		Vel.	Read.			
24 °F		6 m.p.h.	28.62			
Set		Char.	Corr.			
39 °F		LIGHT	28.53			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
65 %		128	29.90	Clds.	Clds.	Clds.
				OVC.		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
.05 in.		SW	5.06"	—		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
— in.		4 in.	SS	3 MI.		

DECEMBER 15, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. SW	Temp. 59			
Min.	34 °F	Vel. 8 m.p.h.	Read. 28.78"			
Set	38 °F	Char. BREEZY	Corr. 28.639"			
R. H.	76 %	24 hr. Mov. 141	Sea L. 30.01'	0700 Clds. 10/10 STRATUS	1300 Clds.	1900 Clds.
Ppn. Liq.	.46 in.	Prev. Dir. S	3 hr. Tend. ↑.07"/	Wx CLOUDY	Wx	Wx
Ppn. Sol.	- in.	Snow Depth 2 in.	Observer PJK	Vis. 6 MI.	Vis.	Vis.

DECEMBER 16, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	S	Temp.	60			
Min.	30 °F	Vel.	2 m.p.h.	Read.	28.91"			
Set	30 °F	Char.	CALM	Corr.	28.815"			
R. H.	85 %	24 hr. Mov.	163	Sea L.	30.18"	0700	1300	1900
						Clds. 2/10 Cirrus	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	+0.02"~	Wx Mostly Clear HAZE	Wx	Wx
Ppn.	- in.	Snow Depth	2 in.	Observer	PJK	Vis.	Vis.	Vis.
						5 mi.		

RECORDED ON THIS DATE BY THE OBSERVER

12/17/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	47 °F	Dir.	NE	Temp.	60		
Min.	25 °F	Vel.	CALM m.p.h.	Read.	28.86		
Set	25 °F	Char.	CALM	Corr.	28.77		
R. H.	100 %	24 hr. Mov.	82	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NE	3 hr. Tend.	Clds. SCT Strat.	Clds.	Clds.
Ppn.	— in.	Snow Depth	1 in.	Observer	Wx FROSTY	Wx	Wx
					Vis. 2 GF	Vis.	Vis.

12/18/77

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	40 °F	Dir.	NE	Temp.	* EST Pressure 28.55 - 28.64			
Min.	25 °F	Vel.	5 m.p.h.	Read.				62
Set	37 °F	Char.	STEADY	Corr.				28.55
R. H.	91 %	24 hr. Mov.	* 110	Sea L.	29.92	0700	1300	1900
Ppn.	Liq. 4.0 in.	Prev. Dir.	NE	3 hr. Tend.	+00	Clds.	10/10 NS	Clds.
Ppn.	Sol. — in.	Snow Depth	T in.	Observer	JB	Wx	LT RAIN	Wx
				Observer		Vis.	3	Vis.

DECEMBER 19, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
38	°F	N.W	60°			
Min.		Vel.	Read.			
31	°F	5 m.p.h.	28.69			
Set		Char.	Corr.			
31	°F	LIGHT	28.596			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
92	%	165	30.00	Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
.40	in.	W.W.	.03 /	LIGHT SNOW		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
2.5	in.	2.5 in.	S.S.	1/2 Mi.		

DECEMBER 20, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. E-SE	Temp. 59			
Min.	31 °F	Vel. 8 m.p.h.	Read. 28.77			
Set	31 °F	Char. Gusty	Corr. 28.678			
R. H.	87 %	24 hr. Mov. 116	Sea L. 30.08	0700 Clds. 10/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.07 in.	Prev. Dir. E	3 hr. Tend. -.06 in.	Wx light snow	Wx	Wx
Ppn. Sol.	0.7 in.	Snow Depth 1 in.	Observer PJK	Vis. 3 mi.	Vis.	Vis.

DECEMBER 21, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	36 °F	Dir.	W	Temp.	61°		
Min.	31 °F	Vel.	4 m.p.h.	Read.	28.48		
Set	33 °F	Char.	LIGHT	Corr.	28.385		
R. H.	85 %	24 hr. Mov.	164	Sea L.	0700	1300	1900
Ppn.	.49 in.	Prev. Dir.	SSW	3 hr. Tend.	Clds.	Clds.	Clds.
Sol.	2 1/2 in.	Snow Depth	1 in.	Observer	Wx	Wx	Wx
					LIGHT SNOW		
					Vis.	Vis.	Vis.
					3/4 Mi		

FORM NO. 1 (REV. 10-6-66) U.S. GOVERNMENT PRINTING OFFICE: 1966 O - 354-100

DECEMBER 22, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. SW	Temp. 58			
Min.	23 °F	Vel. 12 m.p.h.	Read. 28.64"			
Set	24 °F	Char. BREEZY	Corr. 28.551"			
R. H.	74 %	24 hr. Mov. 179	Sea L. 29.97"	0700 Clds. 6/10 Strato Cumulus	1300 Clds.	1900 Clds.
Ppn. Liq.	.12 in.	Prev. Dir. SW	3 hr. Tend. +.08"/	Wx Variable clouds	Wx	Wx
Ppn. Sol.	1.2 in.	Snow Depth 2 in.	Observer DJK	Vis. 7 mi.	Vis.	Vis.

DECEMBER 23, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. SW	Temp. 58			
Min.	23 °F	Vel. 3 m.p.h.	Read. 28.89"			
Set	25 °F	Char. LIGHT	Corr. 28.80"			
R. H.	79 %	24 hr. Mov. 199	Sea L. 30.23"	0700 Clds. 9/10 Alto cum.	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. -.03"	Wx Mostly Cloudy	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 2 in.	Observer PJK	Vis. 8 mi.	Vis.	Vis.

DECEMBER 24, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	40 °F	Dir.	NE	Temp.	59		
Min.	21 °F	Vel.	2 m.p.h.	Read.	28.85"		
Set	22 °F	Char.	CALM	Corr.	28.76"		
R. H.	86 %	24 hr. Mov.	123	Sea L.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	Clds. 7/10 Stratocum.	Clds.	Clds.
Ppn.	- in.	Snow Depth	2 in.	Observer	Wx Becoming Overcast	Wx	Wx
					Vis. 6 mi.	Vis.	Vis.

DECEMBER 25, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. W	Temp. 59			
Min.	22 °F	Vel. 14 m.p.h.	Read. 28.36"			
Set	39 °F	Char. GUSTY	Corr. 28.27"			
R. H.	79 %	24 hr. Mov. 145	Sea L. 29.63"	0700 Clds. 10/10 stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.14 in.	Prev. Dir. S	3 hr. Tend. +0.09"	Wx Cloudy	Wx	Wx
Ppn. Sol.	- in.	Snow Depth T in.	Observer PJK	Vis. 4 mi.	Vis.	Vis.

DECEMBER 26, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	39 °F	Dir.	SW	Temp.	55		
Min.	7 °F	Vel.	7 m.p.h.	Read.	28.60"		
Set	7 °F	Char.	BREEZY	Corr.	28.519"		
R. H.	52 %	24 hr. Mov.	275	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W-SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	0.2 in.	Snow Depth	T in.	Observer	Wx	Wx	Wx
				PJK	CLEAR		
					UNLIMITED		

DECEMBER 27, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	14 °F	Dir. S	Temp. 54°			
Min.	6 °F	Vel. 3 m.p.h.	Read. 28.79"			
Set	12 °F	Char. light	Corr. 28.711"			
R. H.	73 %	24 hr. Mov. 207	Sea L. 30.15"	0700 Clds. 6/10 Altostratus	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +0.02" ~	Wx Partly Cloudy	Wx	Wx
Ppn.	Sol. T in.	Snow Depth T in.	Observer PJK	Vis. 9 mi.	Vis.	Vis.

DECEMBER 28TH 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	22 °F	Dir. SSW	Temp. 52°			
Min.	6 °F	Vel. 6 m.p.h.	Read. 28.95			
Set	6 °F	Char. lite breeze	Corr. 28.87			
R. H.	76%	24 hr. Mov. 170	Sea L. 30.25"	0700 Clds. 5/10 Cirrocstratus	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SSW	3 hr. Tend. +0.2 mb.	Wx FAIR	Wx	Wx
Ppn.	Sol. T in.	Snow Depth T in.	Observer JG	Vis. 20 mi.	Vis.	Vis.

DEC. 29th, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	18 °F	Dir.	SSW	Temp.			
52							
Min.	6 °F	Vel.	6 m.p.h.	Read.			
				28.92			
Set	17 °F	Char.	Lite breeze	Corr.			
				28.85			
R. H.	73 %	24 hr. Mov.	190	Sea L.	0700	1300	1900
				30.18"	Clds.	Clds.	Clds.
					3/10		
					Alto cu		
Ppn.	T in.	Prev. Dir.	SSW	3 hr. Tend.	Wx	Wx	Wx
				+6 ✓	FAIR		
Ppn.	T in.	Snow Depth	T in.	Observer	Vis.	Vis.	Vis.
				JG	20 mi.		

DEC. 30th, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	28 °F	Dir. W	Temp. 56	Patchy ground fog in valleys		
Min.	17 °F	Vel. 3 m.p.h.	Read. 28.93			
Set	24 °F	Char. Near Calm	Corr. 28.85			
R. H.	77 %	24 hr. Mov. 175	Sea L. 30.20"	0700 Clds. 5/10 Altostr + Altocl	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SSW	3 hr. Tend. +.2 mb V	Wx FAIR	Wx	Wx
Ppn.	Sol. T in.	Snow Depth T in.	Observer JG	Vis. 30 mi.	Vis.	Vis.

DEC. 31st 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. NE	Temp. 58°			
Min.	23 °F	Vel. 2 m.p.h.	Read. 28.98			
Set	23 °F	Char. Near Calm	Corr. 28.89			
R. H.	81 %	24 hr. Mov. 120	Sea L. 30.23"	0700 Clds. Clear	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +1.0mb ✓	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth T in.	Observer JG	Vis. 15 mi.	Vis.	Vis.