

NOVEMBER 1, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. E	Temp. 58			
Min.	36 °F	Vel. 4 m.p.h.	Read. 29.14"			
Set	45 °F	Char. light	Corr. 29.05"			
R. H.	87 %	24 hr. Mov. 152	Sea L. 30.43"	0700 Clds. 6/10 Altocumstrat.	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. E-SE	3 hr. Tend. +.02"	Wx Partly cloudy	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK	Vis. 10 mi.	Vis.	Vis.

NOVEMBER 4, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	62 °F	Dir.	NNE	Temp.	Intermittent Rain			
Min.	58 °F	Vel.	1 m.p.h.	Read.				29.02
Set	61 °F	Char.	Calm	Corr.				28.91
R. H.	99 %	24 hr. Mov.	150	Sea L.	30.26"	0700	1300	1900
Ppn.	.75 in.	Prev. Dir.	NE	3 hr. Tend.	+8	Clds.	Obscured	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JTG	Wx	Drizzle + Fog	Wx
						Vis.	3/8 mi.	Vis.

November 5, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	67 °F	Dir.	ENE	Temp.	68			
Min.	61 °F	Vel.	1 m.p.h.	Read.	29.125			
Set	62 °F	Char.	CALM	Corr.	29.008			
R. H.	97 %	24 hr. Mov.	66	Sea L.	30.343	0700	1300	1900
Ppn.	.15 in.	Prev. Dir.	NE	3 hr. Tend.	—	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	C.A.	0700	1300	1900
						Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Vis.	Vis.	Vis.

X - fog
 Light Drizzle
 1/2 mile fog

November 6, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	68 °F	Dir.	E	Temp.	Ridges capped by cloud.			
Min.	57 °F	Vel.	6 m.p.h.	Read.				29.035
Set	57 °F	Char.	BREEZE	Corr.				28.923
R. H.	93 %	24 hr. Mov.	142	Sea L.	30.273	0700	1300	1900
Clds.				Clds.	% stratus			
Ppn. Liq.	.10 in.	Prev. Dir.	ENE	3 hr. Tend.	Wx Light Drizzle			
Wx				Wx				
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Vis.	7 miles		
Vis.				Vis.				

NOVEMBER 7, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	60 °F	Dir.	NE	Temp.	64°		
Min.	55 °F	Vel.	6 m.p.h.	Read.	28.72		
Set	57 °F	Char.	light breeze	Corr.	28.62		
R. H.	97 %	24 hr. Mov.	160	Sea L.	0700	1300	1900
Ppn.	.93" in.	Prev. Dir.	NE	3 hr. Tend.	Clds. 10/10 Stratus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx Drizzle + Fog	Wx	Wx
					Vis. 1 1/2 mi.	Vis.	Vis.

NOV 7 1977 0700 EST

NOVEMBER 8, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	59 °F	Dir.	NE	Temp.	60		
Min.	49 °F	Vel.	6 m.p.h.	Read.	28.74"		
Set	50 °F	Char.	light	Corr.	28.645"		
R. H.	94 %	24 hr. Mov.	213	Sea L.	0700	1300	1900
Ppn.	Liq. .48 in.	Prev. Dir.	E-NE	3 hr. Tend.	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn.	Sol. - in.	Snow Depth	- in.	Observer	Wx DRIZZLE	Wx	Wx
				Observer	Vis. 5 mi.	Vis.	Vis.

NOV. 9, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. NNE	Temp. 62°			
Min.	49 °F	Vel. 2 m.p.h.	Read. 28.84			
Set	52 °F	Char. Near calm	Corr. 28.74			
R. H.	94 %	24 hr. Mov. 70	Sea L. 30.10	0700 Clds. 10/10 Low Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.04" in.	Prev. Dir. NE	3 hr. Tend. +1.0/	Wx Fog	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JG	Vis. 1 mile	Vis.	Vis.

NOVEMBER 10, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. SE	Temp. 65			
Min.	52 °F	Vel. 7 m.p.h.	Read. 28.59"			
Set	60 °F	Char. Smooth gusts	Corr. 28.983"			
R. H.	90 %	24 hr. Mov. 100	Sea L. 29.79"	0700	1300	1900
				Clds. 10/10 stratus altostratus	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. S	3 hr. Tend. -.07"	Wx Mostly cloudy - haze	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer PJK	Vis. 3 mi.	Vis.	Vis.

NOVEMBER 11, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. SW	Temp. 50			
Min.	33 °F	Vel. 13 m.p.h.	Read. 28.60"			
Set	34 °F	Char. GUSTY	Corr. 28.532"			
R. H.	87 %	24 hr. Mov. 225(EST)	Sea L. 29.92"	0700 Clds. 10/10 <i>Strato cumulus</i>	1300 Clds.	1900 Clds.
Ppn. Liq.	.87 in.	Prev. Dir. SW	3 hr. Tend. +1.04" <i>w</i>	Wx SW-	Wx	Wx
Ppn. Sol.	T in.	Snow Depth - in.	Observer PJK	Vis. 4 mi.	Vis.	Vis.

12 NOV 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. SSW	Temp. 48	Precip Frozen in Gage Gust 34 Kts 3:10 AM		
Min.	31 °F	Vel. 4 m.p.h.	Read. 28.80			
Set	31 °F	Char. Steady	Corr. 28.73			
R. H.	71 %	24 hr. Mov. 188	Sea L. 30.12	0700 Clds. 400 200	1300 Clds.	1900 Clds.
Ppn. Liq.	0.01 in.	Prev. Dir. SW	3 hr. Tend. 7.1	Wx SW--	Wx	Wx
Ppn. Sol.	T in.	Snow Depth - in.	Observer B	Vis. 10	Vis.	Vis.

11/13/77

0700 EST
Barom.

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	36 °F	Dir.	NW	Temp.	6 24 Nov 10:10 AM Precip frozen in gage		
Min.	22 °F	Vel.	5 m.p.h.	Read.			
Set	22 °F	Char.	STEADY	Corr.			
R. H.	75 %	24 hr. Mov.	175	Sea L.	0700	1300	1900
Ppn.	Liq. .05 in.	Prev. Dir.	W	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	Sol. 1.0 in.	Snow Depth	1/2 in.	Observer	Wx	Wx	Wx
					Vis.	Vis.	Vis.

NOVEMBER 14, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	35 °F	Dir. W	Temp. 45			
Min.	22 °F	Vel. 5 m.p.h.	Read. 29.00"			
Set	29 °F	Char. light	Corr. 28.934"			
R. H.	88 %	24 hr. Mov. 160	Sea L. 30.36 "	0700 Clds. 10/10 stratocu.	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. 0 ---	Wx Cloudy	Wx	Wx
Ppn. Sol.	T in.	Snow Depth T in.	Observer PJK	Vis. 8 mi.	Vis.	Vis.

NOVEMBER 15, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	40 °F	Dir.	SW	Temp.	48°			
Min.	29 °F	Vel.	3 m.p.h.	Read.	28.83"			
Set	34 °F	Char.	light	Corr.	28.762"			
R. H.	84 %	24 hr. Mov.	100est	Sea L.	30.16"	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	-.01"	Clds. <i>Alto cumulus Cirrus</i>	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx <i>Partly cloudy</i>	Wx	Wx
						Vis.	Vis.	Vis.
						7 mi.		

NOVEMBER 16, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	53 °F	Dir.	SW	Temp.	54			
Min.	34 °F	Vel.	6 m.p.h.	Read.	28.70"			
Set	51 °F	Char.	light	Corr.	28.621"			
R. H.	71 %	24 hr. Mov.	161	Sea L.	29.97"	0700	1300	1900
Ppn.	T	Prev. Dir.	SW	3 hr. Tend.	1.02"	Clds. 5/10 ALTOCUM.	Clds.	Clds.
Ppn.	-	Snow Depth	-	Observer	PJK	Wx PARTLY CLOUDY	Wx	Wx
						Vis. 10 miles	Vis.	Vis.

NOVEMBER 17, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	62 °F	Dir.	S	Temp.	57			
Min.	50 °F	Vel.	6 m.p.h.	Read.	28.45"			
Set	50 °F	Char.	light	Corr.	28.365"			
R. H.	86 %	24 hr. Mov.	118	Sea L.	28.69"	0700	1300	1900
Ppn.	.12 in.	Prev. Dir.	S-SW	3 hr. Tend.	+0.02" W	Clds. 8/10 Alto cum. Alto strat.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx Variable clouds	Wx	Wx
						Vis.	Vis.	Vis.
						10 mi.		

NOVEMBER 18, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. SW	Temp. 50°	SNOWSQUALL TO THE NW.		
Min.	35 °F	Vel. 5 to 30 15 m.p.h.	Read. 28.55			
Set	37 °F	Char. strong breeze	Corr. 28.48			
R. H.	64 %	24 hr. Mov. 300	Sea L. 29.82"	0700 Clds. 3/10 Stratocum	1300 Clds.	1900 Clds.
Ppn. Liq.	.08 in.	Prev. Dir. SW	3 hr. Tend. +1.4 /	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JB	Vis. 30mi.	Vis.	Vis.

NOVEMBER 19TH 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	43 °F	Dir.	SW	Temp.	48°		
Min.	35 °F	Vel.	9 m.p.h.	Read.	28.98		
Set	36 °F	Char.	mod. breeze	Corr.	28.91		
R. H.	58 %	24 hr. Mov.	300	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	Clds. 9/10 stratocum	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					Vis.	Vis.	Vis.
					20 mi.		

NOVEMBER 20, 1977 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	43 °F	Dir.	E	Temp.	48°		
Min.	30 °F	Vel.	1 m.p.h.	Read.	29.20		
Set	31 °F	Char.	Calm	Corr.	29.13		
R. H.	72 %	24 hr. Mov.	140	Sea L.	0700	1300	1900
Ppn.	—	Prev. Dir.	W	3 hr. Tend.	Clds. 7/10 CIRRUS A/NOCL.	Clds.	Clds.
Ppn.	—	Snow Depth	— in.	Observer	Wx	Wx	Wx
					Vis.	Vis.	Vis.
					15 mi.		

NOVEMBER 21, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. S	Temp. 52°			
Min.	31 °F	Vel. 4 m.p.h.	Read. 29.02			
Set	43 °F	Char. lik breeze	Corr. 28.95			
R. H.	76 %	24 hr. Mov. 125	Sea L. 30.28"	0700 Clds. 9/10 A Most rly us	1300 Clds.	1900 Clds.
Ppn. Liq.	.04" in.	Prev. Dir. S	3 hr. Tend. -.5 \	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JG	Vis. 10 miles	Vis.	Vis.

NOVEMBER 22,

0700 EST 1977

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	49 °F	Dir.	N	Temp.	50		
Min.	34 °F	Vel.	3 m.p.h.	Read.	29.12		
Set	34 °F	Char.	Near Calm	Corr.	29.05		
R. H.	72 %	24 hr. Mov.	150	Sea L.	0700	1300	1900
Ppn. Liq.	.03 in.	Prev. Dir.	SSW	3 hr. Tend.	Clds. 8/10 Altostratus Cirrocumulus	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
				Observer	Vis.	Vis.	Vis.
				JG	2.5 mi.		

NOV. 23, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	41 °F	Dir.	E	Temp.	48°		
Min.	34 °F	Vel.	7 m.p.h.	Read.	28.97		
Set	35 °F	Char.	like breeze	Corr.	28.90		
R. H.	77 %	24 hr. Mov.	140	Sea L.	0700	1300	1900
Ppn.	.02 in.	Prev. Dir.	NE	3 hr. Tend.	-0.3	Clds.	Clds.
Epn.	— in.	Snow Depth	— in.	Observer	JG	Clds.	Clds.
						0700	1300
						10/10	10/10
						Stratus	Stratus
						Wx Fog	Wx
						Occ. Drizzle	Wx
						Vis.	Vis.
						5 mi.	Vis.

NOV. 24, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	42 °F	Dir.	SSW	Temp.				
Min.	34 °F	Vel.	5 m.p.h.	Read.				28.75
Set	41 °F	Char.	like breeze	Corr.				28.66
R. H.	90 %	24 hr. Mov.	145	Sea L.	30.02"	0700	1300	1900
Ppn.	.02 in.	Prev. Dir.	S	3 hr. Tend.	+7 /	Clds. 10/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
						Vis. 5 mi.	Vis.	Vis.

NOV 24 1977 0700 EST METEOROLOGICAL OBSERVATORY UNIVERSITY PARK, PA.

NOV. 25, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	44 °F	Dir.	E	Temp.	60°	Patchy Ground Fog Heavy Frost		
Min.	27 °F	Vel.	3 m.p.h.	Read.	28.75			
Set	28 °F	Char.	Near Calm	Corr.	28.65			
R. H.	80 %	24 hr. Mov.	165	Sea L.	30.00"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WSW	3 hr. Tend.	-.3^	Clds. 3/10 Cirrocumulus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						10 mi.		

Nov. 26, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. WSW	Temp. 56°			
Min.	28 °F	Vel. 6 to 26 13 m.p.h.	Read. 28.22			
Set	28 °F	Char. Strong Breeze	Corr. 28.13			
R. H.	71 %	24 hr. Mov. 155	Sea L. 29.48"	0700 Clds. 10/10 Stratocu	1300 Clds.	1900 Clds.
Ppn. Liq.	.32 in.	Prev. Dir. SE	3 hr. Tend. +5 ✓	Wx Occas. Snowflurry	Wx	Wx
Ppn. Sol.	2" in.	Snow Depth 1" in.	Observer JG	Vis. 15 mi.	Vis.	Vis.

Nov. 27th, 1977

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	28° F	Dir.	SW	Temp.	50°			
Min.	19° F	Vel.	11 m.p.h.	Read.	28.80			
Set	19° F	Char.	Strong breeze	Corr.	28.73			
R. H.	70 %	24 hr. Mov.	375	Sea L.	30.08"	0700	1300	1900
Ppn. Liq.	.03 in.	Prev. Dir.	WSW	3 hr. Tend.	+4.0/PRER	Clds. 8/10 Stratus	Clds.	Clds.
Ppn. Sol.	1/2" in.	Snow Depth	1" in.	Observer	JG	Wx Occas. Slurry	Wx	Wx
				Vis.	20 mi.	Vis.	Vis.	Vis.

Nov. 20, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	SW	Temp.	53°			
Min.	19 °F	Vel.	5 m.p.h.	Read.	28.84			
Set	31 °F	Char.	like breeze	Corr.	28.76			
R. H.	82 %	24 hr. Mov.	230	Sea L.	30.11"	0700	1300	1900
Ppn.	.15 in.	Prev. Dir.	S	3 hr. Tend.	+3.0 /	Clds. 10/10	Clds.	Clds.
						Stratus		
						Wx	Wx	Wx
						Drizzle		
Ppn.	1 1/2 in.	Sol.		Snow Depth	2 in.	Observer	Vis.	Vis.
						JL	7 mi.	

Nov. 29, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	34 °F	Dir.	SE	Temp.	53°			
Min.	24 °F	Vel.	5 m.p.h.	Read.	29.26			
Set	25 °F	Char.	like breeze	Corr.	29.16			
R. H.	86 %	24 hr. Mov.	205	Sea L.	30.54"	0700	1300	1900
Ppn. Liq.	.02 in.	Prev. Dir.	SSW	3 hr. Tend.	+1 ^	Clds. 10/10 Stratus	Clds.	Clds.
Ppn. Sol.	1/4" in.	Snow Depth	2" in.	Observer	JG	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						3 mi.		

Nov. 30, 1977

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	33 °F	Dir. ENE	Temp. 54°			
Min.	25 °F	Vel. 4 m.p.h.	Read. 29.08			
Set	33 °F	Char. near calm	Corr. 29.00			
R. H.	89 %	24 hr. Mov. 105	Sea L. 30.35"	0700 Clds. 10/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	.30 in.	Prev. Dir. E	3 hr. Tend. -.5"	Wx Drizzle	Wx	Wx
Ppn. Sol.	2" in.	Snow Depth 2" in.	Observer JB	Vis. 2 1/2 mi.	Vis.	Vis.