

December 1, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. SW	Temp. 60°			
Min.	25 °F	Vel. 1 m.p.h.	Read. 28.80			
Set	26 °F	Char. light	Corr. 28.71	0700	1300	1900
R. H.	%	24 hr. Mov. 195	Sea L. 30.14	Clds. 0 10	Clds.	Clds.
Ppn.	Liq. in.	Prev. Dir. SW	3 hr. Tend. +0.0mb-	Wx Clear	Wx	Wx
Ppn.	Sol. in.	Snow Depth - in.	Observer GKB	Vis. 10 mi.	Vis.	Vis.

December 2, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.				
Max.	44 °F	Dir.	SW	Temp.	61°			
Min.	25 °F	Vel.	8 m.p.h.	Read.	28.78			
Set	35 °F	Char.	STEADY	Corr.	28.68			
R. H.	%	24 hr. Mov.	175	Sea L.	30.08	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	+1.0mb/	Clds.	Clds.	Clds.
	in.	Snow Depth	— in.	Observer	GKB	2 10		
Ppn.	Sol.					Wx	Wx	Wx
	in.					Clear		
						Vis.	Vis.	Vis.
						15mi.		

DECEMBER 3, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	40 °F	Dir.	E	Temp.	58			
Min.	31 °F	Vel.	3 m.p.h.	Read.	28.96			
Set	32 °F	Char.	LT BREEZE	Corr.	28.90			
R. H.	%	24 hr. Mov.	112	Sea L.	30.31	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	E	3 hr. Tend.	-1.0mb <sup>mm</sup>	Clds.	Clds.	Clds.
Ppn.	Sol.	Snow Depth	-	Observer	DWS	10% Stratus		
	in.					Wx	Wx	Wx
	in.					Sprinkles		
						Vis.	Vis.	Vis.
						15mi		

DECEMBER 4, 1978

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	50 °F	Dir.	SE	Temp.	63			
Min.	32 °F	Vel.	5 m.p.h.	Read.	28.30			
Set	50 °F	Char.	LIGHT VARIABLE	Corr.	28.40			
R. H.	83 %	24 hr. Mov.		Sea L.	29.54	0700	1300	1900
Ppn. Liq.	0.51 in.	Prev. Dir.		3 hr. Tend.	-1.08"	Clds.	Clds.	Clds.
Ppn. Sol.		Snow Depth	0 in.	Observer	ACP	NIMBOSTRATUS		
						Wx	Wx	Wx
						LIGHT RAIN		
						Vis.	Vis.	Vis.
						5 mi		

DEC 5 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	SW	Temp.	58			
Min.	32 °F	Vel.	12 m.p.h.	Read.	28.45			
Set	33 °F	Char.	INCREASING	Corr.	28.36			
R. H.	61 %	24 hr. Mov.	255	Sea L.	29.75	0700	1300	1900
Ppn.	.02 in.	Prev. Dir.	SW	3 hr. Tend.	+0.06 /	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	0 in.	Observer	ACP	Clds.	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15		

DECEMBER 6, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	47 °F	Dir.	SW	Temp.	59			
Min.	30 °F	Vel.	5 m.p.h.	Read.	28.72"			
Set	36 °F	Char.	STEADY	Corr.	28.63"			
R. H.	%	24 hr. Mov.	146	Sea L.	30.02"	0700	1300	1900
						Clds. 0/10	Clds.	Clds.
Ppn.	Liq. in.	Prev. Dir.	SW	3 hr. Tend.	+0.05"/	Wx	Wx	Wx
						CLEAR		
Ppn.	Sol. in.	Snow Depth	- in.	Observer	PJK	Vis.	Vis.	Vis.
						30 MI.		

December 7, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	52 °F	Dir.	E	Temp.	SHALLOW GROUND FOG		
Min.	30 °F	Vel.	0 m.p.h.	Read.			
Set	30 °F	Char.	calm	Corr.			
R. H.	%	24 hr. Mov.	120	Sea L.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	W	3 hr. Tend.	Clds. 2/10 cirrus	Clds.	Clds.
Ppn.	Sol.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					Clear		
					Vis.	Vis.	Vis.
					8 mi		

DECEMBER 8, 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	48 °F	Dir.	W	Temp.	62		
Min.	30 °F	Vel.	5 m.p.h.	Read.	28.81"		
Set	45 °F	Char.	STEADY	Corr.	28.71"		
R. H.	%	24 hr. Mov.	69	Sea L.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SSW	3 hr. Tend.	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn.	Sol.	Snow Depth	- in.	Observer	Wx RAIN	Wx	Wx
					Vis. 1MI.	Vis.	Vis.





DECEMBER 10, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	W	Temp.	48	Blowing Snow Wind gusting to over 25mph Wind chill - -20°F * ✓ 11:50 PM		
Min.	18 °F	Vel.	20 m.p.h.	Read.	28.78			
Set	18 °F	Char.	Windy	Corr.	28.72			
R. H.	%	24 hr. Mov.	206	Sea L.	30.17	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	+2.5mb	7/8 Strato clouds		
	0.05 in.					Wx	Wx	Wx
						cloudy		
Ppn.	Sol.	Snow Depth	1.0 in.	Observer	DWS	Vis.	Vis.	Vis.
	1.5 in.					25		

Dec. 11 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	22 °F	Dir.	SW	Temp.	44°	TRACE IN SW-- DURING AFTERNOON.		
Min.	11 °F	Vel.	7 m.p.h.	Read.	29.14	SW-- AT 0745 E		
Set	14 °F	Char.	LIGHT	Corr.	29.09			
R. H.	70 %	24 hr. Mov.	241	Sea L.	30.55	0700	1300	1900
Ppn.	0 T in.	Prev. Dir.		3 hr. Tend.	+0.02 ✓	Clds.	Clds.	Clds.
						STRATO-CUMULUS		
Ppn.	T in.	Snow Depth	T in.	Observer	ACP	Wx	Wx	Wx
						CLOUDY (BREAKS)		
						Vis.	Vis.	Vis.
						10 mi		

DEC. 12, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	SW	Temp.	56°			
Min.	14 °F	Vel.	2 m.p.h.	Read.	29.05			
Set	30 °F	Char.	LIGHT	Corr.	28.96			
R. H.	60 %	24 hr. Mov.	MSC	Sea L.	30.37	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	MSG	3 hr. Tend.	+0.01	Clds. STRATO-CUMULUS	Clds.	Clds.
Ppn.	0 in.	Snow Depth	T in.	Observer	ACP	Wx OVERCAST	Wx	Wx
						Vis.	Vis.	Vis.
						10		

DECEMBER 13, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	35 °F	Dir.	SSW	Temp.	55			
Min.	29 °F	Vel.	9 m.p.h.	Read.	28.72"			
Set	34 °F	Char.	STEADY	Corr.	28.64"			
R. H.	58 %	24 hr. Mov.	150	Sea L.	30.03'	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	-.07"	Clds. 3/10 ALTOSTRAT	Clds.	Clds.
Ppn.	- in.	Snow Depth	T in.	Observer	PJK	Wx PARTLY CLOUDY	Wx	Wx
				Vis.	2.5 MI.	Vis.	Vis.	Vis.

December 14, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	46 °F	Dir.	W	Temp.	56°			
Min.	25 °F	Vel.	16 G 25 m.p.h.	Read.	28.77			
Set	25 °F	Char.	GUSTY	Corr.	28.69			
R. H.	70 %	24 hr. Mov.	430	Sea L.	30.11	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	W	3 hr. Tend.	+1.5mb/	Clds. 10/10 STRATOCUMULUS	Clds.	Clds.
Ppn.	Sol.	Snow Depth	T in.	Observer	GKB	Wx	Wx	Wx
			T in.	Observer	GKB	Vis.	Vis.	Vis.
						SW-		
						3mi		

DECEMBER 15, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	35 °F	Dir.	SW	Temp.			
				56			
Min.	24 °F	Vel.	9 m.p.h.	Read.			
Set	35 °F	Char.	GUSTY	Corr.	28.59"		
R. H.	37 %	24 hr. Mov.	250	Sea L.	0700	1300	1900
				29.98"	Clds. 9/10 Altostrata	Clds.	Clds.
Ppn. Liq.	T in.	Prev. Dir.	SW	3 hr. Tend.	Wx Mostly Cloudy	Wx	Wx
				-.04" ~			
Ppn. Sol.	T in.	Snow Depth	- in.	Observer	Vis.	Vis.	Vis.
				PJK	25 MI.		

December 16, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.	General Obs.			
Max.	48 °F	Dir.	SW	Temp.	BEAUTIFUL SUNRISE			
Min.	35 °F	Vel.	3 m.p.h.	Read.				28.88
Set	37 °F	Char.	STEADY	Corr.				28.79
R. H.	54 %	24 hr. Mov.	345	Sea L.	30.15	0700		
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+1.5mb/	Clds. 3/10	1300	
Fpn.	— in.	Snow Depth	— in.	Observer	GKB	Wx	1900	
						Clds.	Clds.	
						Wx	Wx	
						Vis.	Vis.	
						10 mi.		



DECEMBER 17, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	51 °F	Dir.	W	Temp.	58°F	WINDGUSTING TO 40mph		
Min.	34 °F	Vel.	18 m.p.h.	Read.	28.63"			
Set	34 °F	Char.	Windy	Corr.	28.542			
R. H.	%	24 hr. Mov.	208	Sea L.	29.942	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	+1.5mb	Clds.	Clds.	Clds.
	0.07 in.					% Strato		
						% Cumuli		
Ppn.	Sol.	Snow Depth	T in.	Observer	DWS	Wx	Wx	Wx
	T in.					S--		
						Vis.	Vis.	Vis.
						7mi		

DECEMBER 18 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	36 °F	Dir.	WSW	Temp.	58°	Ominous. Possible sw-- to west.		
Min.	29 °F	Vel.	12 m.p.h.	Read.	28.78			
Set	30 °F	Char.	GUSTY	Corr.	28.69			
R. H.	61 %	24 hr. Mov.	395	Sea L.	30.11	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	-0.01 -	Wx OVERCAST (BREAKS)		
Ppn.	T in.	Sol.		Snow Depth	0 in.	Observer	ACP	Vis.
						Vis.	25	Vis.

December 19, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	WNW	Temp.	56°	Moon & Venus visible thru clouds 0600 to 0645 Red sky in morning...		
Min.	19 °F	Vel.	7 m.p.h.	Read.	28.77			
Set	19 °F	Char.	BECOMING STEADY	Corr.	28.69			
R. H.	54 %	24 hr. Mov.	267 mi	Sea L.	30.14	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	VARIABLE	3 hr. Tend.	+0.05 /	Clds. ● ALTO CUMULUS & CIRRUS	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	ACP	Wx MOSTLY CLOUDY	Wx	Wx
						Vis. OVER 30	Vis.	Vis.

DECEMBER 20, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	29 °F	Dir.	5	Temp.	SLEET + FR. RAIN 0600 EST		
Min.	17 °F	Vel.	8 m.p.h.	Read.			
Set	25 °F	Char.	LIGHT	Corr.			
R. H.	65 %	24 hr. Mov.	183	Sea L.	0700	1300	1900
Ppn.	.04 in.	Prev. Dir.	NE	3 hr. Tend.	Clds. 10/10 OVERCAST STRATUS	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	Wx LIGHT FREEZING RAIN	Wx	Wx
					Vis. 4 MI	Vis.	Vis.

DECEMBER 21, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. WSW	Temp. 57	PRESRR. OCCLUDED FRONT PASSAGE 5:05 A.M. EST		
Min.	25 °F	Vel. 15 m.p.h.	Read. 28.18			
Set	35 °F	Char. GUSTY	Corr. 28.10			
R. H.	72 %	24 hr. Mov. 265	Sea L. 29.40	0700 Clds. 10/10 STRATUS	1300 Clds.	1900 Clds.
Ppn. Liq.	0.46 in.	Prev. Dir. S	3 hr. Tend. +5.0 mb	Wx SPRINKLES	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer LS	Vis. 4 1/2 MI	Vis.	Vis.

DECEMBER 22, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	35 °F	Dir.	SW	Temp.	56		
Min.	28 °F	Vel.	6 m.p.h.	Read.	28.81"		
Set	28 °F	Char.	LIGHT	Corr.	28.73"		
R. H.	66 %	24 hr. Mov.	313	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	Clds. 10/10 STATO CUMULUS	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	Wx OVERCAST	Wx	Wx
				Vis.	7MI	Vis.	Vis.

DECEMBER 23, 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. WSW	Temp. 57			
Min.	25 °F	Vel. 6 m.p.h.	Read. 29.03			
Set	32 °F	Char. BREEZY	Corr. 29.94			
R. H.	64 %	24 hr. Mov. 175	Sea L. 30.15	0700 Clds. 6/10 STRATO CUMULUS	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +2.0 in.	Wx BROKEN	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer LS	Vis. 15 MI	Vis.	Vis.

DECEMBER 24, 1977 0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	ESE	Temp.	59°			
Min.	24 °F	Vel.	3 m.p.h.	Read.	28.85			
Set	27 °F	Char.	LIGHT	Corr.	28.76			
R. H.	65 %	24 hr. Mov.	90	Sea L.	30.12"	0700	1300	1900
Ppn.	—	Prev. Dir.	WSW	3 hr. Tend.	-1.8 mb	Clds. 10/10	Clds.	Clds.
	— in.					Wx	Wx	Wx
Ppn.	—	Snow Depth	— in.	Observer	LS	OVERCAST		
	— in.					Vis.	Vis.	Vis.
						30 MI		



DECEMBER 25, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	35 °F	Dir.	W	Temp.	57	R-IP-S-BEGAN 2030Z S- 212 to 23Z R-IP- 23Z to 03Z S- 03Z to 04Z SS+04Z to 05Z SNOWING 2" Occasional S-		
Min.	27 °F	Vel.	15 m.p.h.	Read.	28.11"			
Set	33 °F	Char.	WINDY	Corr.	28.03"			
R. H.	82 %	24 hr. Mov.	135	Sea L.	29.40"	0700	1300	1900
Ppn.	Liq. 1.31 in.	Prev. Dir.	E	3 hr. Tend.	+0.06"/	Clds. 10/10 NIMBOSTRA STRATOCU	Clds.	Clds.
Ppn.	Sol. 5.2 in.	Snow Depth	4 in.	Observer	PJK	Wx VERY LIGHT SNOW	Wx	Wx
						Vis. 3mj.	Vis.	Vis.

DECEMBER 26, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	34 °F	Dir.	SW	Temp.	55			
Min.	22 °F	Vel.	3 m.p.h.	Read.	28.68"			
Set	22 °F	Char.	LIGHT	Corr.	28.60"			
R. H.	74 %	24 hr. Mov.	356	Sea L.	30.04"	0700	1300	1900
Ppn.	.01 in.	Prev. Dir.	W	3 hr. Tend.	+0.01" ~	Clds. 3/10 ALTOSTRATA	Clds.	Clds.
Ppn.	0.1 in.	Snow Depth	3 in.	Observer	PJK	Wx PARTLY CLOUDY	Wx	Wx
						Vis. 15 MI.	Vis.	Vis.

DECEMBER 27, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	33 °F	Dir.	W	Temp.	54			
Min.	19 °F	Vel.	13 m.p.h.	Read.	28.87"			
Set	19 °F	Char.	GUSTY	Corr.	28.79"			
R. H.	70 %	24 hr. Mov.	210	Sea L.	30.24"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+0.06"/	Clds. 10/10 STRATOCU	Clds.	Clds.
Ppn.	T in.	Snow Depth	3 in.	Observer	PJK	Wx LIGHT FLURRY	Wx	Wx
						Vis.	Vis.	Vis.
						8 ML.		

DECEMBER 28, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	22 °F	Dir.	W	Temp.	54°		
Min.	17 °F	Vel.	5 m.p.h.	Read.	29.14"		
Set	17 °F	Char.	STEADY	Corr.	29.06"		
R. H.	%	24 hr. Mov.	196	Sea L.	0700	1300	1900
				30.51"	Clds. 6/10 Altostrat	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	0700	1300	1900
T	in.	W	+0.04" ↓	partly cloudy	Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	Observer	Vis.	0700	1300	1900
T	in.	3 in.	PJK	12 mi.	Vis.	Vis.	Vis.

DEC. 29 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	27 °F	Dir.	—	Temp.	55			
Min.	07 °F	Vel.	0 m.p.h.	Read.	29.27			
Set	09 °F	Char.	CALM	Corr.	29.19			
R. H.	75 %	24 hr. Mov.	75	Sea L.	30.70	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	MSG NNW ?	3 hr. Tend.	+0.01" NW	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	3 in.	Observer	ACP	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15		

FORM 21 (5-65) (REV. 1-67) METEOROLOGICAL OBSERVATION REPORT (UNIVERSITY PARK, PA.)

DEC 30 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	25 °F	Dir.	-	Temp.	55			
Min.	08 °F	Vel.	0 m.p.h.	Read.	29.19"			
Set	17 °F	Char.	CALM	Corr.	29.11			
R. H.	77 %	24 hr. Mov.	24	Sea L.	30.58"	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	±00	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	3 in.	Observer	ACP	Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						6		

DEC 31 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	34 °F	Dir.	-	Temp.	LIGHT ICE-STORM: SLIPPERY ROADS  LIGHT FOG.			
Min.	17 °F	Vel.	0 m.p.h.	Read.				29.11
Set	32 °F	Char.	CALM	Corr.				29.02
R. H.	69 %	24 hr. Mov.	94	Sea L.	29.45	0700	1300	1900
Ppn.	0.07" in.	Prev. Dir.	S	3 hr. Tend.	±0"	Clds. ● NIMBOSTRATUS	Clds.	Clds.
Ppn.	- in.	Snow Depth	3 in.	Observer	ACP	Wx CLOUDY	Wx	Wx
						Vis. 3	Vis.	Vis.