

MAY 1, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	56 °F	Dir.	N	Temp.	71			
Min.	29 °F	Vel.	5 m.p.h.	Read.	28.57"			
Set	34 °F	Char.	Moderate at times	Corr.	28.45"			
R. H.	51 %	24 hr. Mov.	144	Sea L.	29.84"	0700	1300	1900
Ppn.	- in.	Prev. Dir.	NW	3 hr. Tend.	+ .04"	Clds. 3/10 Cirrus Circum.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx Partly Cloudy	Wx	Wx
				Vis.	30 mi.	Vis.	Vis.	Vis.

MAY 2 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	49 °F	Dir.	N.W	Temp.				
				72				
Min.	33 °F	Vel.	7 m.p.h.	Read.				28.66
Set	38 °F	Char.	Steady	Corr.	28.54			
R. H.	67 %	24 hr. Mov.	225	Sea L.	29.92	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	-	Prev. Dir.	N.W.	3 hr. Tend.	7.00"	Wx	Wx	Wx
Ppn.	-	Snow Depth	-	Observer	SS	Vis.	Vis.	Vis.
						4 mi		

STANDARD TIME 12 1 2 3 4 5 6 7 8 9 10 11 12

MAY 3, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. SW	Temp. 70°			
Min.	35 °F	Vel. 4 m.p.h.	Read. 28.71"			
Set	42 °F	Char. LIGHT	Corr. 28.59"			
R. H.	54 %	24 hr. Mov. 160	Sea L. 29.96'	0700 Clds 0/10	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. NW	3 hr. Tend. +0.02"	Wx Clear	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK	Vis. 30 mi.	Vis.	Vis.

MAY 4<sup>TH</sup> 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	62° F	Dir.	NE	Temp.	68°			
Min.	38° F	Vel.	4 m.p.h.	Read.	28.75			
Set	41° F	Char.	light breeze	Corr.	28.63			
R. H.	46 %	24 hr. Mov.	160	Sea L.	30.00"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NW	3 hr. Tend.	+1mb-	Clds. 9/10 Cs and As	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
						FAIR		
						Vis.	Vis.	Vis.
						+30 mi.		

MAY 5<sup>TH</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	51° F	Dir.	NE	Temp.	57°			
Min.	39° F	Vel.	4 m.p.h.	Read.	28.50			
Set	40° F	Char.	light breeze	Corr.	28.41			
R. H.	87 %	24 hr. Mov.	165	Sea L.	29.77"	0700	1300	1900
Ppn.	.59 in.	Prev. Dir.	NE	3 hr. Tend.	+1.0mb ✓	Clds. 10/10 Stratus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JG	Wx	Wx	Wx
				Vis.	2 mi.	Vis.	Vis.	Vis.

MAY 6, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	46 °F	Dir.	-	Temp.	58			
Min.	39 °F	Vel.	0 m.p.h.	Read.	28.81"			
Set	46 °F	Char.	CALM	Corr.	28.72"			
R. H.	96 %	24 hr. Mov.	54	Sea L.	30.09"	0700	1300	1900
Ppn. Liq.	.08 in.	Prev. Dir.	SE	3 hr. Tend.	+3.0 mb	Clds.	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	DWS	Wx	Wx	Wx
						10% Stratus		
						LT RAIN & FOG		
						Vis.	Vis.	Vis.
						7/8 Mi		

MAY 7, 1978

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST		General Obs.		
Max.	57 °F	Dir.	NW	Barom.	Temp.			
Min.	45 °F	Vel.	1 m.p.h.		59			
Set	47 °F	Char.	NEAR CALM	Read.	29.00			
R. H.	82 %	24 hr. Mov.	80	Corr.	28.907	0700	1300	1900
Ppn.	T in.	Prev. Dir.	NW	Sea L.	30.287	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	3 hr. Tend.	+201/mb	10% Strata- No cumulus		
				Observer	DWS	Wx	Wx	Wx
				Vis.	7 miles	LT. FOG		
							Vis.	Vis.

MAY 8, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	62 °F	Dir.	SE	Temp.	61			
Min.	45 °F	Vel.	6 m.p.h.	Read.	28.88"			
Set	52 °F	Char.	GUSTY -TO 15KTS.	Corr.	28.78"			
R. H.	69 %	24 hr. Mov.	107	Sea L.	30.14"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	0 —	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx - HAZE LIGHT RAIN	Wx	Wx
				Vis.	1 1/2 mi.	Vis.	Vis.	Vis.



MAY 9, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	54 °F	Dir.	-	Temp.	64		
Min.	48 °F	Vel.	0 m.p.h.	Read.	28.51		
Set	53 °F	Char.	CALM	Corr.	28.91		
R. H.	93 %	24 hr. Mov.	109	Sea L.	0700	1300	1900
Ppn.	0.40 in.	Prev. Dir.	S.E.	3 hr. Tend.	Clds.	Clds.	Clds.
Sol.	- in.	Snow Depth	- in.	Observer	Wx	Wx	Wx
					obsc.		
					Foggy		
					1/2 mi		

MAY 10, 1978

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	72 °F	Dir.	W	Barom.	Temp.			
Min.	49 °F	Vel.	7 m.p.h.	Read.	28.72"			
Set	50 °F	Char.	Moderate	Corr.	28.61"			
R. H.	%	24 hr. Mov.	207	Sea L.	29.96"	0700	1300	1900
Ppn. Liq.	.02 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.03"	Clds. 6/10 Alto cum	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	PJK	Wx Partly Cloudy	Wx	Wx
				Vis.	12 mi.	Vis.	Vis.	Vis.

MAY 11, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir.	-	Temp.	65	
Min.	42 °F	Vel.	0 m.p.h.	Read.	28.98"	
Set	51 °F	Char.	CALM	Corr.	28.87'	
R. H.	63 %	24 hr. Mov.	100 (ESD)	Sea L.	30.23"	
Ppn.	- in.	Prev. Dir.	W	3 hr. Tend.	+0.05"/	
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	
				0700	1300	1900
				Clds. 1/10 Cirrus	Clds.	Clds.
				Wx Mostly Clear	Wx	Wx
				Vis.	Vis.	Vis.
				10 mi.		

MAY 12, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. S	Temp. 68			
Min.	51 °F	Vel. 4 m.p.h.	Read. 28.86"			
Set	60 °F	Char. Light	Corr. 28.745"			
R. H.	%	24 hr. Mov. 101	Sea L. 30.07"	0700	1300	1900
Ppn. Liq.	- in.	Prev. Dir. S	3 hr. Tend. 0 -	Clds. 10/10 Altostratus	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK	Wx Cloudy	Wx	Wx
				Vis. 7 mi.	Vis.	Vis.

Mar 15, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. E	Temp. 64			
Min.	58 °F	Vel. 5 m.p.h.	Read. 28.610			
Set	59 °F	Char. Breeze	Corr. 28.505			
R. H.	%	24 hr. Mov. 130	Sea L. 29.825	0700 Clds. 10% strato cu	1300 Clds.	1900 Clds.
Ppn. Liq.	.04 in.	Prev. Dir. SE	3 hr. Tend. ↘	Wx Drizzle	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer CA.	Vis. 5 miles	Vis.	Vis.

May 14, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	64 °F	Dir.	SSW	Temp.				
				64				
Min.	50 °F	Vel.	2 m.p.h.	Read.				28.410
Set	53 °F	Char.	NEAR CALM	Corr.	28.306			
R. H.	%	24 hr. Mov.	112	Sea L.	29.636	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	SE	3 hr. Tend.	—	p/clo strat <sup>us</sup>		
	1.42 in.					Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	— in.	Observer	C.D.	OVERCAST		
	— in.					Vis.	Vis.	Vis.
						3 miles		

MAY 15, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	ENE	Temp.	62°			
Min.	51 °F	Vel.	5 m.p.h.	Read.	28.41"			
Set	52 °F	Char.	LIGHT	Corr.	28.31"			
R. H.	93 %	24 hr. Mov.	125	Sea L.	29.65"	0700	1300	1900
Ppn.	.93 in.	Prev. Dir.	NE	3 hr. Tend.	+0.01" /	Clds. 10/10	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx	Wx	Wx
				Vis.	5 mi.	Vis.	Vis.	Vis.
						status		
						Cloudy		

MAY 16, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	53 °F	Dir.	N.E.	Temp.	60			
Min.	49 °F	Vel.	6 m.p.h.	Read.	28.62			
Set	49 °F	Char.	STEADY	Corr.	28.53			
R. H.	90 %	24 hr. Mov.	154	Sea L.	29.88	0700	1300	1900
Ppn.	0.48 in.	Prev. Dir.	N.E.	3 hr. Tend.	7.03"	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	S.S.	Wx	Wx	Wx
				Observer	J.M.	Vis.	Vis.	Vis.



MAY 17, 1978

Temp.		Wind	0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	54 °F	Dir.	SE	Barom.	Temp.		
Min.	49 °F	Vel.	3 m.p.h.	Read.	61°		
Set	52 °F	Char.	LIGHT	Corr.	28.58"		
R. H.	95 %	24 hr. Mov.	103	Sea L.	0700	1300	1900
Ppn. Liq.	.69 in.	Prev. Dir.	SE	3 hr. Tend.	Clds. 10/10	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	Status	Wx	Wx
				PJK	Light Rain	Wx	Wx
					Vis.	Vis.	Vis.
					3 mi.		

MAY 18, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	SW	Temp.	65			
Min.	52 °F	Vel.	3 m.p.h.	Read.	28.82"			
Set	55 °F	Char.	LIGHT	Corr.	28.71"			
R. H.	91 %	24 hr. Mov.	85	Sea L.	30.04"	0700	1300	1900
Ppn.	Liq. .25 in.	Prev. Dir.	SSW	3 hr. Tend.	+0.06" J	Clds. 6/10 Stratocu.	Clds.	Clds.
Ppn.	Sol. - in.	Snow Depth	- in.	Observer	PJK	Wx Partly Sunny	Wx	Wx
				Observer	PJK	Vis. 7 mi.	Vis.	Vis.

MAY 19, 1978

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	70 °F	Dir.	SW	Barom.	Temp.			
Min.	50 °F	Vel.	1 m.p.h.	Read.	68			
Set	58 °F	Char.	CALM	Corr.	28.92"			
R. H.	78 %	24 hr. Mov.	65	Sea L.	28.80"	0700	1300	1900
Ppn. Liq.	- in.	Prev. Dir.	WSW	3 hr. Tend.	30.13"	Clds. 0/10	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	+0.05"/	Wx	Wx	Wx
				PJK		CLEAR HAZE		
						Vis.	Vis.	Vis.
						6 mi.		

MAY 20, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SW	Temp. 74			
Min.	57 °F	Vel. 4 m.p.h.	Read. 28.87			
Set	67 °F	Char. LT. BREEZE	Corr. 28.747			
R. H.	80 %	24 hr. Mov. 48	Sea L. 30.067	0700 Clds. Few Ci 9/10	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. SW	3 hr. Tend. +0.5mb	Wx Fair	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer DWS	Vis. 20 Mis	Vis.	Vis.

MAY 21, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. WSW	Temp. 74	clouds Breaking Up		
Min.	61 °F	Vel. 4 m.p.h.	Read. 28.71			
Set	65 °F	Char. LT breeze	Corr. 28.586			
R. H.	75 %	24 hr. Mov. 152	Sea L. 29.896	0700 Clds. 7/10 Sc+Ac	1300 Clds.	1900 Clds.
Ppn. Liq.	0.03 in.	Prev. Dir. SW	3 hr. Tend. +0.03"	Wx Hazy	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer DWS	Vis. 8 mi	Vis.	Vis.

MAY 22, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. NE	Temp. 72°			
Min.	45 °F	Vel. 3 m.p.h.	Read. 29.01 <sup>4</sup>			
Set	53 °F	Char. LIGHT	Corr. 28.89"			
R. H.	61 %	24 hr. Mov. 114	Sea L. 30.25"	0700 Clds. V10 Cirrus	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. NW	3 hr. Tend. +0.02"/	Wx Mostly Clear	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK	Vis. 15 mi.	Vis.	Vis.

MAY 23, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.	General Obs.		
Max.	79 °F	Dir.	-	Temp.	Halo around Sun		
Min.	48 °F	Vel.	0 m.p.h.	Read.			
Set	55 °F	Char.	Calm	Corr.			
R. H.	65 %	24 hr. Mov.	46	Sea L.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	NW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	10% Cirro- No Stratus	Wx	Wx
				DWS	Fair		
					Vis.	Vis.	Vis.
					20 mi		

MAY 21, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	NE	Temp.	68			
Min.	55 °F	Vel.	5 m.p.h.	Read.	28.68"			
Set	55 °F	Char.	Steady	Corr.	28.56"			
R. H.	94 %	24 hr. Mov.	77	Sea L.	29.89"	0700	1300	1900
Ppn. Liq.	1.26 in.	Prev. Dir.	E	3 hr. Tend.	-0.02"	Clds. 10/10 Status	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	PJK	Wx Rain	Wx	Wx
						Vis. 4 miles	Vis.	Vis.



MAY 25, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	60 °F	Dir.	VARIABLE	Temp.	72			
Min.	52 °F	Vel.	1 m.p.h.	Read.	28.84"			
Set	60 °F	Char.	CALM	Corr.	28.71"			
R. H.	93 %	24 hr. Mov.	58	Sea L.	30.04"	0700	1300	1900
Ppn.	.19 in.	Prev. Dir.	NE	3 hr. Tend.	+ .04"	Clds. 0/10	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx	Wx	Wx
				Vis.	6 mi.	Wx	Wx	Wx
						Vis.	Vis.	Vis.

STANDARD METEOROLOGICAL SYMBOLS AND ABBREVIATIONS

MAY 26, 1978

0700 EST  
Barom.

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	83 °F	Dir.	-	Temp.	75			
Min.	54 °F	Vel.	0 m.p.h.	Read.	28.96"			
Set	65 °F	Char.	CALM	Corr.	28.82"			
R. H.	61 %	24 hr. Mov.	81	Sea L.	30.14"	0700	1300	1900
						Clds. 0/10	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	NW	3 hr. Tend.	+0.01" J	Wx	Wx	Wx
						CLEAR HAZE		
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Vis.	Vis.	Vis.
						7 MI.		

MAY 27<sup>TH</sup> 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	87 °F	Dir.	—	Temp.	77°		
Min.	59 °F	Vel.	0 m.p.h.	Read.	29.05		
Set	64 °F	Char.	CALM	Corr.	28.91		
R. H.	70 %	24 hr. Mov.	75	Sea L.	0700	1300	1900
					Clds.	Clds.	Clds.
					CLEAR		
Ppn.	— in.	Prev. Dir.	NNE	3 hr. Tend.	Wx	Wx	Wx
					HAZE		
Ppn.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				JG	6 mi.		

MAY 28<sup>th</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	83°F	Dir.	ENE	Temp.	78°		
Min.	62°F	Vel.	3 m.p.h.	Read.	29.00		
Set	65°F	Char.	light breeze	Corr.	28.86		
R. H.	80 %	24 hr. Mov.	110	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NE	3 hr. Tend.	Clds. 6/10 Stratocus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
				415	HAZE		
					Vis.	Vis.	Vis.
					4 mi.		

MAY 29, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	—	Temp.	80°			
Min.	59 °F	Vel.	0 m.p.h.	Read.	28.89			
Set	65 °F	Char.	CALM	Corr.	28.74			
R. H.	78 %	24 hr. Mov.	70	Sea L.	30.06"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	ENE	3 hr. Tend.	+00 —	Clds.	Clds.	Clds.
		Snow Depth	— in.	Observer	JT	0700	1300	1900
				Vis.	3 1/2 mi.	Clds.	Clds.	Clds.
				Wx	HAZE	Wx	Wx	Wx
				Vis.		Vis.	Vis.	Vis.

MAY 30<sup>th</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	83 °F	Dir.	—	Temp.	80°			
Min.	60 °F	Vel.	0 m.p.h.	Read.	28.80			
Set	65 °F	Char.	CALM	Corr.	28.65			
R. H.	%	24 hr. Mov.	55	Sea L.	29.99"	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	—	Prev. Dir.	NE	3 hr. Tend.	+3mb/	Wx	Wx	Wx
	in.					HAZE		
Ppn.	—	Snow Depth	—	Observer	JL	Vis.	Vis.	Vis.
	in.		in.			3mi.		

MAY 31<sup>st</sup>, 1978 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	88 °F	Dir.	SSW	Temp.	80°			
Min.	65 °F	Vel.	4 m.p.h.	Read.	28.77			
Set	68 °F	Char.	light	Corr.	28.62	0700	1300	1900
R. H.	81 %	24 hr. Mov.	80	Sea L.	29.95"	Clds. 10/10	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	+1.0 mb	Wx Haze	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	JB	Vis. 5 mi.	Vis.	Vis.
						+ lt. rain shower		