

JULY 1, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir.	-	Temp.	75	
Min.	52 °F	Vel.	0 m.p.h.	Read.	28.88"	
Set	62 °F	Char.	CALM	Corr.	28.75"	
R. H.	61 %	24 hr. Mov.	85	Sea L.	30.08"	
Ppn.	- in.	Prev. Dir.	W	3 hr. Tend.	+0.03"	
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	
				0700	1300	1900
				Clds. 3/10	Clds.	Clds.
				Cirrus		
				Wx Partly Cloudy	Wx	Wx
				Vis. 30+	Vis.	Vis.

JULY 2, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	NE	Temp.	70			
Min.	58 °F	Vel.	1 m.p.h.	Read.	28.77"			
Set	58 °F	Char.	CALM	Corr.	28.65°			
R. H.	70 %	24 hr. Mov.	52	Sea L.	29.98"	0700	1300	1900
Ppn.	- in.	Prev. Dir.	ENE	3 hr. Tend.	+0.02" ~	Clds. 10/10	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx	Wx	Wx
						Status		
						Cloudy		
						Vis.	Vis.	Vis.
						10 mi.		

JULY 3, 1978

Temp.		Wind	0700 EST		Meteorological Observatory University Park, Pa.		
Max.	58 °F	Dir.	E	Barom.	Temp.		
Min.	54 °F	Vel.	8 m.p.h.	Read.	62		
Set	54 °F	Char.	MODERATE	Corr.	28.67"		
R. H.	90 %	24 hr. Mov.	102	Sea L.	28.57"		
Ppn.	.80 in.	Prev. Dir.	E	3 hr. Tend.	0700	1300	1900
Ppn.	- in.	Snow Depth	- in.	Observer	Clds. 10/10	Clds.	Clds.
				PJK	NIMBO		
					STRATUS		
					Wx	Wx	Wx
					RAIN		
					Vis.	Vis.	Vis.
					5 MI.		

**JULY 4, 1978**

**0700 EST**

**Meteorological Observatory  
University Park, Pa.**

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	NNE	Temp.	61			
Min.	51 °F	Vel.	7 m.p.h.	Read.	28.71"			
Set	52 °F	Char.	MODERATE	Corr.	28.61"			
R. H.	%	24 hr. Mov.	140	Sea L.	29.96"	0700	1300	1900
						Clds. 10/10 STRATUS	Clds.	Clds.
Ppn.	Liq. .08 in.	Prev. Dir.	NE	3 hr. Tend.	+ .03"	Wx	Wx	Wx
						CLOUDY		
Ppn.	Sol. - in.	Snow Depth	- in.	Observer	PJK	Vis.	Vis.	Vis.
						10 mi.		

**JULY 5, 1978**

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	63 °F	Dir.	NE	Temp.	CALM 0140Z - 0925Z			
Min.	52 °F	Vel.	3 m.p.h.	Read.				28.93"
Set	55 °F	Char.	LIGHT	Corr.				28.93"
R. H.	100 %	24 hr. Mov.	58	Sea L.	30.18"	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir.	NNE	3 hr. Tend.	+0.03" ✓	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn.	Sol. - in.	Snow Depth	- in.	Observer	PJK	Wx DENSE FOG	Wx	Wx
				Vis.	1/16 ML	Vis.	Vis.	Vis.

JULY 6<sup>TH</sup> 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	E	Temp.	72°			
Min.	55 °F	Vel.	1 m.p.h.	Read.	29.03			
Set	63 °F	Char.	NEAR CALM	Corr.	28.90			
R. H.	80 %	24 hr. Mov.	50	Sea L.	30.23"	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	+1.2mb/	Clds. 2/10 CIRRUS	Clds.	Clds.
Ppn.	0 in.	Snow Depth		Observer	JG	Wx	Wx	Wx
				Vis.	6 mi.	Vis.	Vis.	Vis.

July 7, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	83 °F	Dir.	SE	Temp.	Haze and fog in NE valley			
Min.	60 °F	Vel.	1 m.p.h.	Read.				29.00
Set	66 °F	Char.	LIGHT	Corr.				28.87
R. H.	75 %	24 hr. Mov.	90	Sea L.	30.19	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+15mb/	Wx	Wx	Wx
						SUNNY		
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Vis.	Vis.	Vis.
						9mi		

July 8, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	SW	Temp.	75°			
Min.	66 °F	Vel.	1 m.p.h.	Read.	28.90			
Set	68 °F	Char.	LIGHT	Corr.	28.76			
R. H.	82 %	24 hr. Mov.	110	Sea L.	30.07	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+5mb/	Clds. 9/10 ALTO STRATUS	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Wx	Wx	Wx
						PT. SUNNY	Vis.	Vis.
						8mi		



July 9, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. SW	Temp. 77°			
Min.	65 °F	Vel. 4 m.p.h.	Read. 28.85			
Set	68 °F	Char. LIGHT	Corr. 28.71			
R. H.	84 %	24 hr. Mov.	Sea L.	0700	1300	1900
		125	30.02	Clds. $\frac{2}{10}$	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
—	in.	SW	+1.0mb/	HAZY		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
—	in.	— in.	GKB	2 mi		

**JULY 10, 1978**

**0700 EST**

**Meteorological Observatory  
University Park, Pa.**

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	SW	Temp.	77	R at 1100 EST		
Min.	65 °F	Vel.	5 m.p.h.	Read.	28.79"			
Set	70 °F	Char.	LIGHT	Corr.	28.65"			
R. H.	80 %	24 hr. Mov.	97	Sea L.	29.92"	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir.	WSW	3 hr. Tend.	+0.01" ✓	Clds. 3/10 AltoCum.	Clds.	Clds.
Ppn.	Sol. - in.	Snow Depth	- in.	Observer	PJK	Wx	Wx	Wx
				Observer	PJK	Vis. 5 mi.	Vis.	Vis.

JULY 11<sup>th</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82° F	Dir.	WNW	Temp.	71°			
Min.	50° F	Vel.	5 m.p.h.	Read.	28.91			
Set	57° F	Char.	light breeze	Corr.	28.79			
R. H.	62 %	24 hr. Mov.	155	Sea L.	30.13"	0700	1300	1900
Ppn.	.01" in.	Prev. Dir.	W	3 hr. Tend.	+1.1mb/✓	Clds.	Clds.	Clds.
		Snow Depth		Observer	JG	Wx	Wx	Wx
				Vis.	30 mi.			

JULY 12, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	73 °F	Dir.	-	Temp.	71			
Min.	48 °F	Vel.	0 m.p.h.	Read.	28.97"			
Set	56 °F	Char.	CALM	Corr.	28.85"			
R. H.	59 %	24 hr. Mov.	75	Sea L.	30.20"	0700	1300	1900
Ppn.	- in.	Prev. Dir.	NW	3 hr. Tend.	+0.02" ✓	Clds. 0/10	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						30+		

JULY 13<sup>TH</sup>, 1978

0700 EST  
Barom.

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	78° F	Dir.	—	Temp.	RECORD LOW FOR DATE IS 51°			
Min.	52° F	Vel.	0 m.p.h.	Read.				28.96
Set	58° F	Char.	CALM	Corr.				28.83
R. H.	70%	24 hr. Mov.	60	Sea L.	30.17"	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	r.4mb	Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	JTS	Vis.	20 mi.	Vis.

JULY 14, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	80 °F	Dir.	E	Temp.	K at 0700 EST		
Min.	58 °F	Vel.	15 m.p.h.	Read.			
Set	66 °F	Char.	Steady	Corr.			
R. H.	82 %	24 hr. Mov.	165	Sea L.	0700	1300	1900
Ppn.	.03 in.	Prev. Dir.	S	3 hr. Tend.	Clds. 10/10 Cb	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx MODERATE RAIN SNOW	Wx	Wx
					Vis. 3 mi	Vis.	Vis.

JULY 15, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	83° F	Dir.	VARIABLE	Temp.	HEAVY R <sup>n</sup> BEGAN AT 1645 EST		
Min.	61° F	Vel.	1 m.p.h.	Read.	PK. GUST: 28 kts.		
Set	63° F	Char.	NEAR CALM	Corr.	~ 9/10" RAIN IN 25 min.		
R. H.	87 %	24 hr. Mov.	85	Sea L.	0700	1300	1900
Ppn.	1.25 in.	Prev. Dir.	SSW	3 hr. Tend.	Clds. 10/10 Stratus	Clds.	Clds.
Sol.		Snow Depth		Observer	Wx Haze and ground fog	Wx	Wx
					Vis. 5 mi.	Vis.	Vis.

JULY 16<sup>th</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84° F	Dir. E	Temp. 74°			
Min.	63° F	Vel. 2 m.p.h.	Read. 28.72			
Set	64° F	Char. NEAR CALM	Corr. 28.60			
R. H.	81%	24 hr. Mov. 60	Sea L. 29.90"	0700 Clds. 8/10 Cirrus Altostratus	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SSW	3 hr. Tend. +6mb	Wx Light Fog	Wx	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer JL	Vis. 3 mi.	Vis.	Vis.



JULY 17, 1978

0700 EST  
Barom.

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	84 °F	Dir.	WSW	Temp.	73			
Min.	61 °F	Vel.	3 m.p.h.	Read.	28.73"			
Set	64 °F	Char.	LIGHT	Corr.	28.60"			
R. H.	87 %	24 hr. Mov.	52	Sea L.	29.91"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.03"/	Clds. 6/10 Cirrocum.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx Partly Cloudy	Wx	Wx
				Observer	PJK	Vis. 7 mi.	Vis.	Vis.

JULY 18<sup>TH</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80° F	Dir. S	Temp. 74°			
Min.	57° F	Vel. 1 m.p.h.	Read. 28.96			
Set	61° F	Char. Near Calm	Corr. 28.83			
R. H.	77%	24 hr. Mov. 95	Sea L. 30.18"	0700 Clds. 1/10 Cirrus	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +2.0mb	Wx FAIR	Wx	Wx
Ppn. Sol.	in.	Snow Depth in.	Observer JE	Vis. 9 mi.	Vis.	Vis.

**JULY 19, 1978**

**0700 EST**

**Meteorological Observatory  
University Park, Pa.**

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	WNW	Temp.	76			
Min.	59 °F	Vel.	1 m.p.h.	Read.	29.03"			
Set	65 °F	Char.	NEAR CALM	Corr.	28.89"			
R. H.	78 %	24 hr. Mov.	39	Sea L.	30.22 "	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	±01" —	Clds. 0/10	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						3 MI.		

JULY 20<sup>th</sup>, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	87° F	Dir.	SSW	Temp.	78°			
Min.	65° F	Vel.	1 m.p.h.	Read.	29.03			
Set	71° F	Char.	Near Calm	Corr.	28.90			
R. H.	78%	24 hr. Mov.	95	Sea L.	30.23"	0700	1300	1900
Ppn.	—	Prev. Dir.	SSW	3 hr. Tend.	+3mb	Clds.	Clds.	Clds.
	in.					CLEAR		
Ppn.	—	Snow Depth		Observer	JG	Wx	Wx	Wx
	in.					HAZE		
						Vis.	Vis.	Vis.
						4 miles		

July 21, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	89 °F	Dir.	S	Temp.	79°			
Min.	68 °F	Vel.	2 m.p.h.	Read.	28.98			
Set	71 °F	Char.	Near calm	Corr.	28.83			
R. H.	84 %	24 hr. Mov.	120	Sea L.	30.14	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+5mb/	Clds. 6/10 CIRRUS	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Wx HAZE	Wx	Wx
						Vis. 3 1/2 mi	Vis.	Vis.

July 22, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	89 °F	Dir.	SW	Temp.	78°			
Min.	71 °F	Vel.	2 m.p.h.	Read.	28.96			
Set	75 °F	Char.	light	Corr.	28.82			
R. H.	84 %	24 hr. Mov.	110	Sea L.	30.11	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	+1.5mb/	Clds. 9/10 STATUS	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Wx FOG & HAZE	Wx	Wx
				Vis.	1 1/2 mi	Vis.	Vis.	Vis.

July 23, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	92 °F	Dir.	SW	Temp.	Haze AND Fog IN valley record high: 96° - 1933 1952 record high min: 73° - 1972			
Min.	72 °F	Vel.	15 m.p.h.	Read.				28.93
Set	76 °F	Char.	breezy	Corr.				28.78
R. H.	78 %	24 hr. Mov.	165	Sea L.	30.07	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+5mb/	Clds.	9/10	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Wx	SUNNY	Wx
						Vis.	2 mi	Vis.

JULY 24, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. NE	Temp. 82	1/2 at 6:45 PM EDT		
Min.	66 °F	Vel. 5 m.p.h.	Read. 29.00"			
Set	67 °F	Char. LIGHT	Corr. 28.85"			
R. H.	81 %	24 hr. Mov. 158	Sea L. 30.18"	0700 Clds. 6/10 Stratocum. Cirros-hat.	1300 Clds.	1900 Clds.
Ppn.	Liq. .16 in.	Prev. Dir. SW	3 hr. Tend. +.08"/	Wx Partly Cloudy	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer PJK	Vis. 20 mi.	Vis.	Vis.



July 25 1970

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		HAZE AND Fog IN NE valley					
Max.	78 °F	Dir.	E	Temp.	76°						
Min.	66 °F	Vel.	3 m.p.h.	Read.	28.97						
Set	67 °F	Char.	light	Corr.	28.83						
R. H.	73 %	24 hr. Mov.	95	Sea L.	30.15	0700	1300	1900			
Ppn.	T in.	Prev. Dir.	NW	3 hr. Tend.	+0mb-	Clds. 7/10 STRATO CUMULUS	Clds.	Clds.			
Ppn.	— in.	Snow Depth	— in.	Observer	GKB	Wx	Wx	Wx			
				Observer	GKB	Vis.	Vis.	Vis.			
						12 mi					

JULY 26, 1978

0700 EST  
Barom.

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	73 °F	Dir.	S	Temp.	74			
Min.	65 °F	Vel.	4 m.p.h.	Read.	28.82			
Set	66 °F	Char.	LIGHT	Corr.	28.69			
R. H.	78 %	24 hr. Mov.	88	Sea L.	3000'	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SSE	3 hr. Tend.	0—	Clds. 10/10 Stratus	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	PJK	Wx Cloudy	Wx	Wx
				Observer		Vis. 1/2 mi.	Vis.	Vis.

JULY 27<sup>th</sup> 1978

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	81° F	Dir.	SSW	Temp.	78°			
Min.	66° F	Vel.	4 m.p.h.	Read.	28.70			
Set	71° F	Char.	Light breeze	Corr.	28.58			
R. H.	84%	24 hr. Mov.	140	Sea L.	29.90"	0700	1300	1900
Ppn.	—	Prev. Dir.	S	3 hr. Tend.	+6mb	Clds.	Clds.	Clds.
	in.					Wx	Wx	Wx
Ppn.	Sol.	Snow Depth		Observer	JG	Vis.	Vis.	Vis.
	in.	in.				4mi.		

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

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	84° F	Dir.	SW	Temp.	74°	Thundershowers from 19:00 TO 21:00 EST		
Min.	64° F	Vel.	4 m.p.h.	Read.	28.77			
Set	66° F	Char.	light breeze	Corr.	28.65			
R. H.	87%	24 hr. Mov.	160	Sea L.	29.96"	0700	1300	1900
Ppn.	.49" in.	Prev. Dir.	SSW	3 hr. Tend.	+2.1mb	Clds. 3/10	Clds.	Clds.
Ppn.	Sol.	Snow Depth		Observer	JE	Fractocumulus		
	in.	in.		Wx	HAZE	Wx	Wx	Wx
				Vis.	2 1/2 mi.	Vis.	Vis.	Vis.

July 29, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. SW	Temp. 73°	RECORD LOW: 51° 1937		
Min.	53 °F	Vel. 4 m.p.h.	Read. 28.80			
Set	57 °F	Char. STEADY	Corr. 28.67			
R. H.	87 %	24 hr. Mov. 180	Sea L. 30.02	0700 Clds. 3/10 CIRROSTRATUS	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. WNW	3 hr. Tend. +0mb—	Wx SUNNY	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer GKB	Vis. 9mi	Vis.	Vis.



JULY 31, 1978

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST		General Obs.		
Max.		Dir.		Temp.	Barom.			
76	°F	NE		70				
Min.		Vel.		Read.				
58	°F	2	m.p.h.	28.77"				
Set		Char.		Corr.				
59	°F	LIGHT		28.65"				
R. H.		24 hr. Mov.		Sea L.		0700	1300	1900
86	%	109		29.98"		Clds. 10/10 STRATUS	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
.55	in.	ENE		OV		LIGHT RAIN		
Ppn.	Sol.	Snow Depth		Observer		Vis.	Vis.	Vis.
-	in.	-	in.	PJK		5 MI.		