

SEPTEMBER 1, 1980 0700 EST

Meteorology
University Park, Pa.

General Obs.

Temp.		Wind		Barom.				
Max.	84 °F	Dir.	SW	Temp.	71			
Min.	66 °F	Vel.	5 m.p.h.	Read.	28.92			
Set	70 °F	Char.	LIGHT	Corr.	28.80"	0700	1300	1900
R. H.	76 %	24 hr. Mov.	97	Sea L.	30.11"	Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	STEADY	Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	MTM	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						5 MI.	69	70

TJ=62.

SEPTEMBER 2, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	89° F	Dir. SW	Temp. 72°	Accas W-NW		
Min.	69° F	Vel. 05 m.p.h.	Read. 28.93"			
Set	72° F	Char. STEADY	Corr. 28.80"			
R. H.	76 %	24 hr. Mov. 229.6 km 140.0 ml	Sea L. 30.10"	0700 Clds. 2/8	1300 Clds. 89°	1900 Clds. 87°
Ppn. Liq.	.01 in.	Prev. Dir. SW	3 hr. Tend. +0.8 /	Wx M. SUNNY	Wx 70°	Wx 72°
Ppn. Sol.	— in.	Snow Depth — in.	Observer B	Vis. 20 MILES	Vis. 70°	Vis. 72°

$T_d = 64^\circ$



EL-560F



$$T_{\alpha} = 52^{\circ}$$

Sept 5 1980

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	82 °F	Dir.	calm	Barom.	Temp.			
Min.	58 °F	Vel.	- m.p.h.	Read.	29.03			
Set	65 °F	Char.	-	Corr.	28.90			
R. H.	87 %	24 hr. Mov.	III	Sea L.	30.22	0700	1300	1900
Ppn. Liq.	.05 in.	Prev. Dir.	S	3 hr. Tend.	10.9 mb	Clds.	1/10	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	MNS	Wx	Ground Fog	Clds.
						Wx	56	Wx
						Vis.	1 km	Vis.
						Vis.	64	64

$T_d = 61^\circ F$

$Td=540f$



SEPTEMBER 7, 1980

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	0700 EST		
Max.	84° F	Dir.	Barom.		
		NORTH	Temp.		
Min.	57° F	Vel.	70°		
		01 m.p.h.	Read.		
Set	61° F	Char.	28.93"		
		LIGHT	Corr.		
R. H.	72 %	24 hr. Mov.	28.81"		
		37.3 Km	Sea L.		
Ppn.	— in.	20 m/s	30.4"		
		Prev. Dir.	3 hr. Tend.		
		NW	+1.4 /		
Ppn.	— in.	Snow Depth	Observer		
		— in.	30 MILES		
			0700	1300	1900
			Clds. 0/10	Clds.	Clds.
			CIRRUS	83°	81°
			Wx	Wx	Wx
			SUNNY	54°	60°
			Vis.	Vis.	Vis.
				58°	60°

$$T_d = 52^\circ$$

September 8, 1900 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	SW	Temp.	68°			
Min.	50 °F	Vel.	3 m.p.h.	Read.	29.01"			
Set	53 °F	Char.	LIGHT	Corr.	28.89°			
R. H.	77 %	24 hr. Mov.	89	Sea L.	30.25"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	N	3 hr. Tend.	+1.0nb/	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	MTM	6/10 P. SWY	77	
						Wx	Wx	Wx
						P. SWY	49	
						Vis.	Vis.	Vis.
						2.0 Mi.	52	53

72 246

Sept 9 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	calm	Temp.	69	Fog & Haze -N few CU		
Min.	53 °F	Vel.	- m.p.h.	Read.	28.96			
Set	56 °F	Char.	-	Corr.	28.84			
R. H.	80 %	24 hr. Mov.	37	Sea L.	30.19	0700	1300	1900
Ppn.	- in.	Prev. Dir.	NE	3 hr. Tend.	0.0 mb-	Clds. 0/10	Clds. 81	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	MNS	Wx clear	Wx 52	Wx
						Vis. 5 mi N 15 mi S	Vis. 54	Vis. 57

$T_d = 50^\circ F$

Sept 10 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	80 °F	Dir.	NNW	Temp.	ci E Line of cu N-E		
Min.	52 °F	Vel.	6 m.p.h.	Read.	29.93		
Set	54 °F	Char.	gusty	Corr.	29.81		
R. H.	61 %	24 hr. Mov.	128	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	Clds. 0/10	Clds. 80	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	Wx	Wx	Wx
				MNS	clear	51	
					Vis. 30 mi	Vis. 52	Vis. 54

$T_c = 48^\circ F$

$T_d = 40^\circ F$

73 = 47°

September 13, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	S	Temp.	69	Ac		
Min.	58 °F	Vel.	1-2 m.p.h.	Read.	29.00			
Set	62 °F	Char.	light	Corr.	28.88			
R. H.	67 %	24 hr. Mov.	38	Sea L.	30.01	0700	1300	1900
Ppn.	Liq. — in.	Prev. Dir.	S	3 hr. Tend.	+0.5	Clds.	Clds.	Clds.
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	ASC	8/10	82	
						Wx	Wx	Wx
							53	
						Vis.	Vis.	Vis.
						10 NE	58	60

$$T_d = 50$$

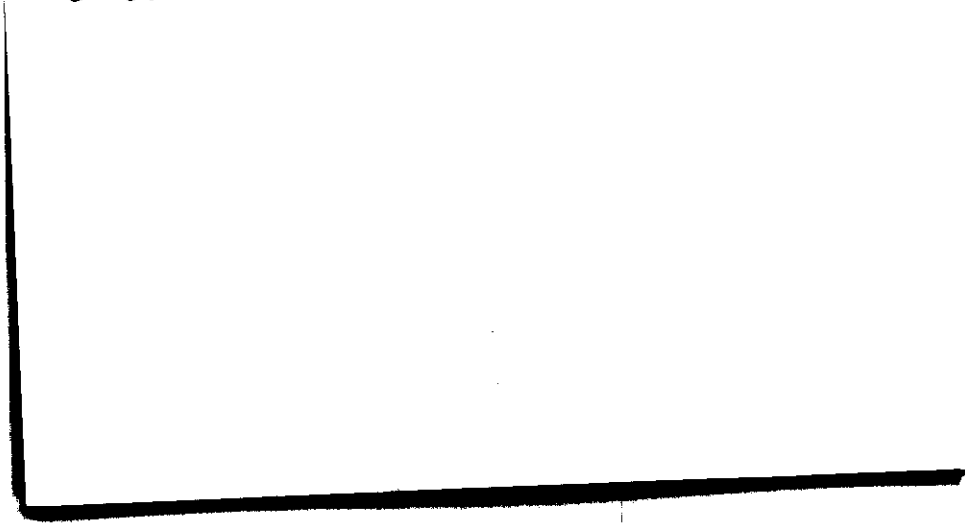
September 14, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SW	Temp. 70	Ac, As, Lt. Fog. Showers and a thundershower overnight...		
Min.	61 °F	Vel. 4-7 m.p.h.	Read. 28.83			
Set	63 °F	Char.	Corr. 28.71			
R. H.	88 %	24 hr. Mov. 89	Sea L. 30.03	0700 Clds. 5/10	1300 Clds. 86	1900 Clds.
Ppn. Liq.	.15 in.	Prev. Dir. S	3 hr. Tend. -1.5	Wx	Wx 58	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer ASC	Vis. 9NE	Vis. 61	Vis. 68

$T_d = 58$

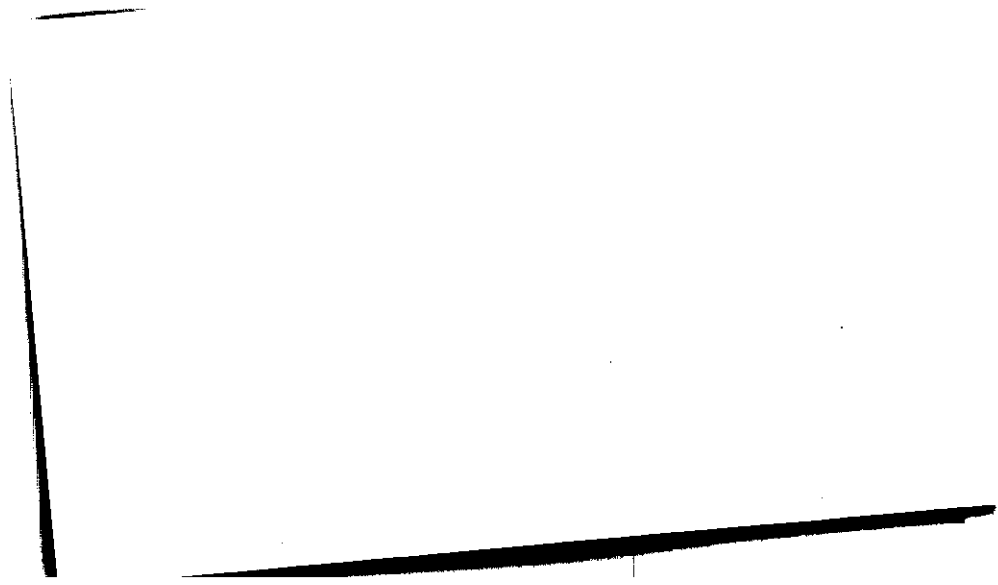


SEPT. 15, '80

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		OVC DRIZZLE 9			
Max.	79 °F	Dir.	N	Temp.	70				
Min.	60 °F	Vel.	7 m.p.h.	Read.	28.76				
Set	60 °F	Char.	VAR.	Corr.	28.64				
R. H.	71 %	24 hr. Mov.	43.6	Sea L.	29.96	0700	1300	1900	
Ppn. Liq.	.01 in.	Prev. Dir.	SW	3 hr. Tend.	+3 mb	Clds.	5T. 19/10	Clds.	81
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	JHM	Wx	9	Wx	59
				Vis.	3 mi.	Vis.	59	Vis.	60



42 D.P.

Sep 17 1980

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	SW	Temp.	70	OVC		
Min.	53 °F	Vel.	10 m.p.h.	Read.	28.70			
Set	65 °F	Char.	GUSTY	Corr.	28.58			
R. H.	78 %	24 hr. Mov.	191.1	Sea L.	29.88	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	S	3 hr. Tend.	-0.5 mb	Clds.	ST 100	66
Ppn.	Sol.	Snow Depth	— in.	Observer	JHM	Wx	OVC	52
				Vis.	5 mi.	Wx		64
						Vis.		66



Sep 18 1980

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	NE	Temp.	70			
Min.	55 °F	Vel.	8 m.p.h.	Read.	28.90			
Set	55 °F	Char.	Steady	Corr.	28.78			
R. H.	69 %	24 hr. Mov.	188	Sea L.	30.12	0700	1300	1900
Ppn. Liq.	.16 in.	Prev. Dir.	S	3 hr. Tend.		Clds. 10/10	Clds. 80	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	MPS	Wx	Wx	Wx
						cloudy	55	
						Vis. 5 mi	Vis. 55	Vis. 55

$T_d = 45^\circ F$

SEPT. 19, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. W SW	Temp. 69	CLR DISSIPATING GRASSY FOG		
Min.	48 °F	Vel. 5 m.p.h.	Read. 29.80			
Set	50 °F	Char. STEMMY	Corr. 28.97			
R. H.	84 %	24 hr. Mov. 101.7	Sea L. 30.34	0700 Clds. CLR 0/10	1300 Clds. 69	1900 Clds.
Ppn. Lq. in.	FO	Prev. Dir. SW	3 hr. Tend. +1.5 mb	Wx CLR	Wx 46	Wx
Ppn. Sol. in.	—	Snow Depth — in.	Observer JHM	Vis. 8 mi.	Vis. 48	Vis. 54



September 20, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp.		68°	Light Haze		
77 °F	—	Read.					
Min.	Vel.	24.00					
51 °F	Calm m.p.h.	Corr.					
Set	Char.	28.88		0700	1300	1900	
53 °F	—	Clds.		0	77		
R. H.	24 hr. Mov.	Sea L.		Wx			
85 %	72	30.22		4 Haze			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx			
— in.	—	SW	steady	48			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
— in.	— in.	— in.	AG	5 miles	51	55°	

$T_d = 48$



September 21, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. WSW	Temp. 72	Ac		
Min.	53 °F	Vel. 3 m.p.h.	Read. 28.88			
Set	66 °F	Char. light	Corr. 28.76			
R. H.	90 %	24 hr. Mov. 89	Sea L. 30.05	0700 Clds. 10	1300 Clds. 79	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. —	Wx Haze	Wx SI	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 3 miles	Vis. 64	Vis. 67

$T_d = 60$



22 SEPT. 1950

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F		Dir. SSW	Temp. 73	HAZY		
Min. 66 °F		Vel. 4 m.p.h.	Read. 28.82			
Set 73 °F		Char. DECREASING	Corr. 28.69			
				0700	1300	1900
R. H. 78 %		24 hr. Mov. 103.8	Sea L. 29.99	Clds. 4/10	Clds. 83	Clds.
Ppn. — Liq. — in.		Prev. Dir. SW	3 hr. Tend. +5 mb	Wx ∞	Wx 64	Wx
Ppn. — Sol. — in.		Snow Depth — in.	Observer JHM	Vis. 5 mi.	Vis. 72	Vis. 74

9/23/80

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	89 °F	Dir.	WNW	Temp.	73	STRATUS LIGHT RAINSHOWER			
Min.	65 °F	Vel.	8 m.p.h.	Read.	28.71				
Set	67 °F	Char.	SW-NW	Corr.	28.58				
R. H.	68 %	24 hr. Mov.	184.46	Sea L.	29.88	0700	1300	1900	
Clds.	89	Clds.	10/10	Clds.					
Ppn. Liq.	.02 in.	Prev. Dir.	SW	3 hr. Tend.	+1.5	Wx	65	Wx	R-
Wx		Wx		Wx					
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	MPS	Vis.	65	Vis.	10
Vis.		Vis.		Vis.					68

DP 56°



24 SEPTEMBER, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. NE	Temp. 71	BKN ALTOcumulus CLEARING to NORTH		
Min.	48 °F	Vel. 3 m.p.h.	Read. 29.00			
Set	49 °F	Char.	Corr. 28.88			
R. H.	68 %	24 hr. Mov. 99.5	Sea L. 30.25	0700 Clds. 8/10 BKN	1300 Clds. 73	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. NW	3 hr. Tend. +1.0mb	Wx Ac	Wx 46	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JHM	Vis. 25 mi.	Vis. 48	Vis. 50

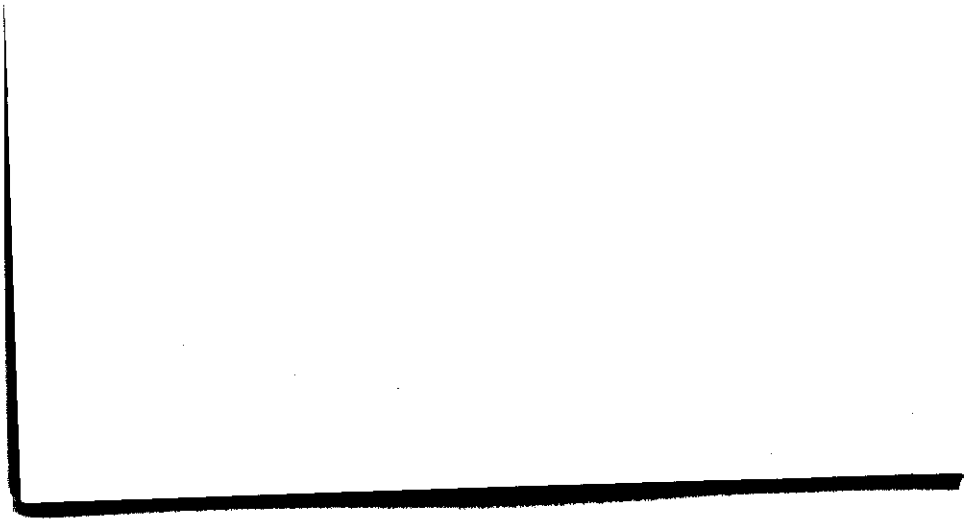


THUR. 9/25/80

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. NE	Temp. 72	STRATUS		
Min.	49 °F	Vel. 8 m.p.h.	Read. 29.00	R-		
Set.	58 °F	Char. Steady	Corr. 28.72	FOG		
R. H.	72 %	24 hr. Mov. 136.2	Sea L. 30.05	0700 Clds. 7/10	1300 Clds. 72	1900 Clds.
Ppn. Liq.	.01 in.	Prev. Dir. S	3 hr. Tend. +0.1	Wx R-	Wx 48	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer MPS	Vis. 2	Vis. 57	Vis. 58



26 September 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	63 °F	Dir.	W	Temp.	70	TRW+ @ 2330z EDT on 25 th		
Min.	53 °F	Vel.	15 m.p.h.	Read.	28.77			
Set	55 °F	Char.	GUSTY.	Corr.	28.55			
R. H.	71 %	24 hr. Mov.	137.5	Sea L.	29.88	0700	1300	1900
Ppn. Liq.	.58 in.	Prev. Dir.	SW	3 hr. Tend.	+2.0mb	Clds.	4/10 SET	64
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	JHM	Wx	Cu	52
				Observer	JHM	Vis.	15 mi.	53
						Vis.		55



$T_d = 30$

29.11
29.00

September 28, 1980 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F		Dir. SW	Temp. 67	Few Ci from South Light Haze		
Min. 39 °F		Vel. 5 m.p.h.	Read. 29.04			
Set 47 °F		Char.	Corr. 28.92			
				0700	1300	1900
R. H. 68 %		24 hr. Mov. 74	Sea L. 30.29	Clds. 2/10 ci	Clds.	Clds. 63
Ppn. —	Liq. in.	Prev. Dir. SW	3 hr. Tend. —	Wx Lt. Haze	Wx	Wx 37
Ppn. —	Sol. in.	Snow Depth — in.	Observer Andy	Vis. 15 mi	Vis. 49	Vis. 45

$T_d = 37$

62.98
526.82
110.12

29 SEPT. 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. NE	Temp. 68	SCT Ac ≡ DISSIPATING		
Min.	44 °F	Vel. 4 m.p.h.	Read. 29.00			
Set	45 °F	Char. LIGHT	Corr. 28.89			
R. H.	77 %	24 hr. Mov. 93.94	Sea L. 30.27	0700 Clds. 2/10	1300 Clds. 69	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +1.0mb	Wx SCT Ac	Wx 43	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JHM	Vis. 12 mi.	Vis. 44	Vis. 47

$$T_0 = 38^\circ$$

TUES. SEPT. 30, 1980 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.	General Obs.		
Max.	72 °F	Dir.	SSE	Temp.	STRATOCU		
				69	BRINOVIC		
Min.	46 °F	Vel.	4 m.p.h.	Read.			
				28.92			
Set	58 °F	Char.	LIGHT	Corr.			
				28.80			
R. H.	67 %	24 hr. Mov.	76.6	Sea L.	0700	1300	1900
				30.14	Clds. 10/10	Clds. 73	Clds.
Ppn. Liq.	— in.	Prev. Dir.	S	3 hr. Tend.	Wx	Wx	Wx
				+0.3	StCu	45	
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				MPS	10	56	57

47