

OCTOBER 1, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	-0-	Temp.	69	THICK FOG		
Min.	45 °F	Vel.	0 m.p.h.	Read.	28.70			
Set	46 °F	Char.	CALM	Corr.	28.68			
R. H.	83 %	24 hr. Mov.	81.5 mi.	Sea L.	30.04	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir.	5	3 hr. Tend.	+1.0 mb	Clds. X obscured	Clds. 70	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	JHM	Wx ≡!	Wx 45	Wx
				Observer	JHM	Vis. 1/10 mi.	Vis. 45	Vis. 47

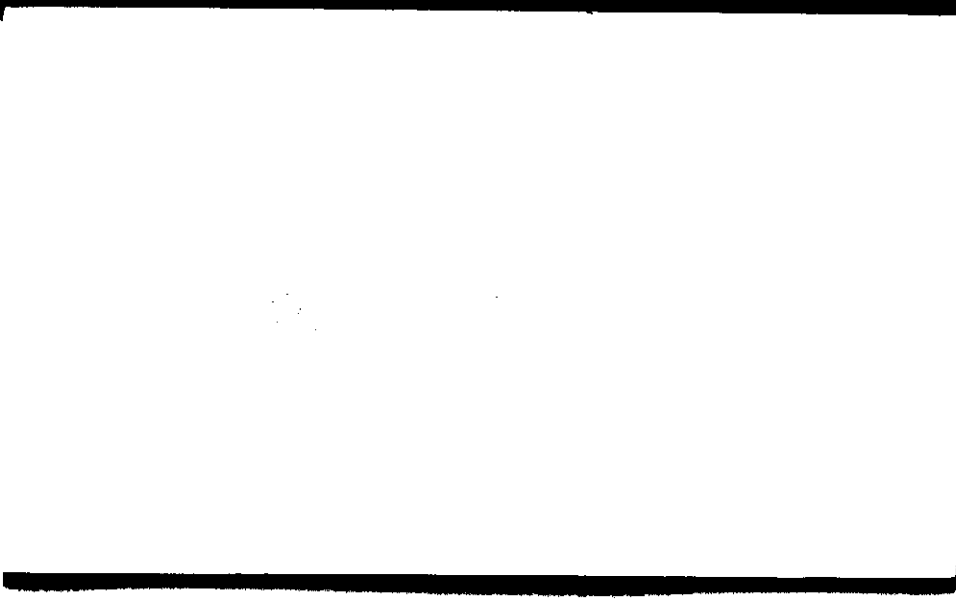
D<sub>p</sub>T. 41°

THUR. 10/2/80

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. SSW	Temp. 71	ACCAS DARK TO SW		
Min.	46 °F	Vel. 10 m.p.h.	Read. 28.54			
Set	60 °F	Char. STEADY	Corr. 28.42			
R. H.	70 %	24 hr. Mov. 129	Sea L. 29.75	0700 Clds 7/10	1300 Clds 77	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. -0.3mb	Wx ACCAS	Wx 45	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer MPS	Vis. VAR.8	Vis. 58	Vis. 61



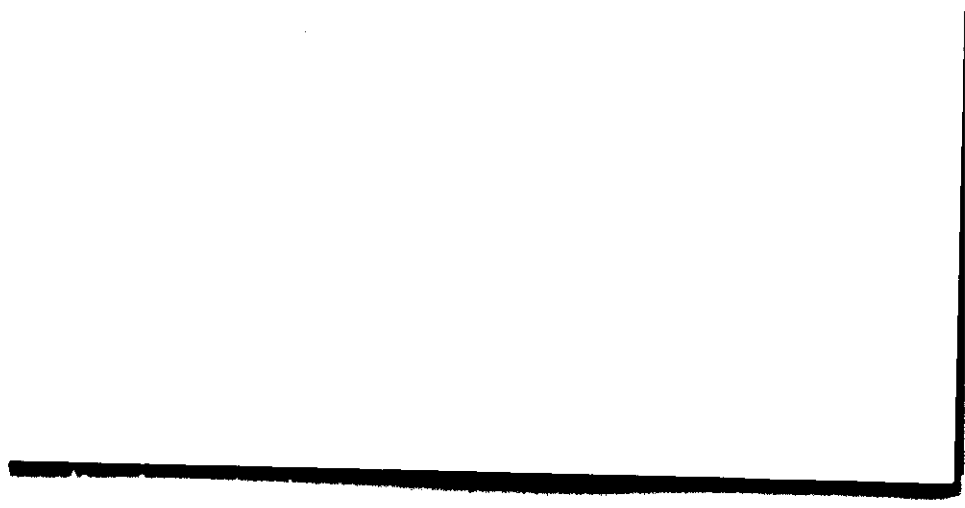
3 OCTOBER, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	62 °F	Dir.	W	Temp.	OVC. STR.			
Min.	47 °F	Vel.	4 m.p.h.	Read.				70
Set	50 °F	Char.	light	Corr.				28.70
R. H.	83 %	24 hr. Mov.	90.5 mi.	Sea L.	28.885	0700	1300	1900
Ppn.	Liq. .02 in.	Prev. Dir.	SW	3 hr. Tend.	t. 0.5 mb	Clds.	Clds.	Clds.
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	JHM	Wx	Wx	Wx
				Vis.	9 mi.	Wx	Wx	Wx
				Vis.	9 mi.	50 ↑	45 ↑	51

D<sub>p</sub>T. 45°



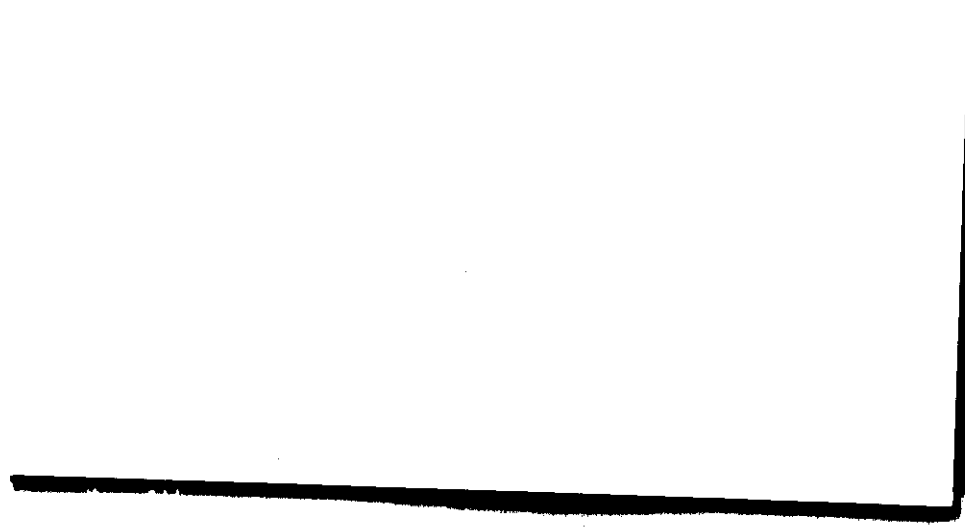
October 4, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. SW	Temp. 70	Sc Lt. Haze		
Min.	43 °F	Vel. 7-10 m.p.h.	Read. 28.59			
Set	44 °F	Char. steady	Corr. 28.47			
R. H.	58 %	24 hr. Mov. 110	Sea L. 29.83	0700 Clds. 8/10	1300 Clds. 67	1900 Clds.
Ppn.	Liq. .55 in.	Prev. Dir. SW	3 hr. Tend. +2.0 /	Wx Lt. Haze	Wx 42	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 10 mi	Vis. 42	Vis. 45

T<sub>L</sub>=30





October 5, 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. S	Temp. 67°	Ac		
Min.	37 °F	Vel. 1 m.p.h.	Read. 29.00			
Set	38 °F	Char. Var	Corr. 28.84			
R. H.	75 %	24 hr. Mov. 145	Sea L. 30.29	0700 Clds. 7/10	1300 Clds. 55	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +0.7/	Wx Haze	Wx 34	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 10 mi	Vis. 36	Vis. 39

$T_d = 30$



MON. OCT. 6, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.						
Max.	54 °F	Dir.	— 0 —	Temp.	CLR ≡ DISSIPATING						
Min.	31 °F	Vel.	0 m.p.h.	Read.				29.1			
Set	33 °F	Char.	CALM	Corr.				29.0			
R. H.	75 %	24 hr. Mov.	51.6 mi.	Sea L.	30.42	0700	1300	1900			
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+1.0 mb	Clds.	9/10	Clds.	54	Clds.	
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx	CLR	Wx	28	Wx	
				Observer	JHM	Vis.	12 mi	Vis.	30	Vis.	33

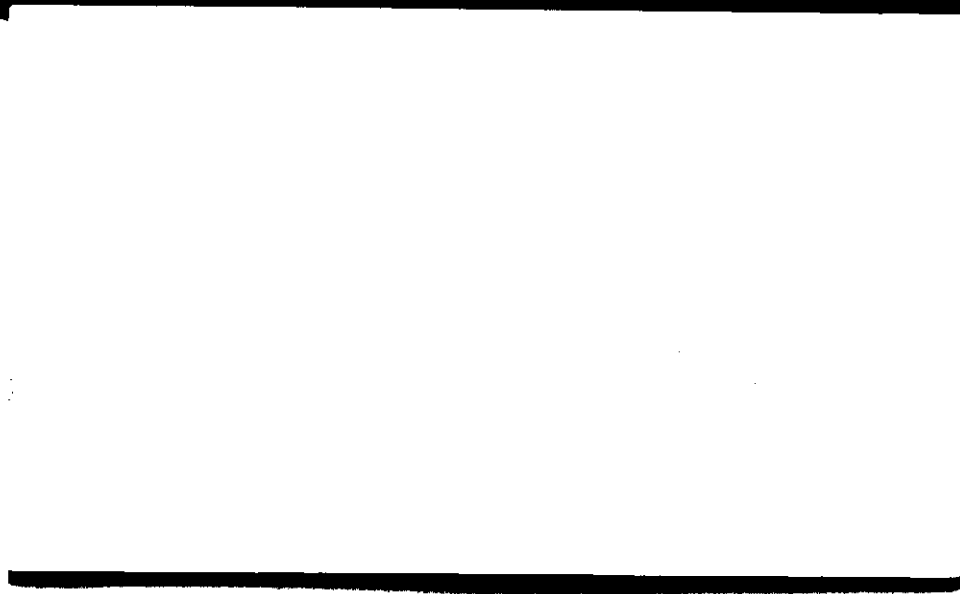
DpT. 26°



**TUESDAY 10/7/80** 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. <b>56</b> °F		Dir. <b>W</b>	Temp. <b>68</b>	<b>Altoco</b> <b>= (VALLEYS)</b>		
Min. <b>33</b> °F		Vel. <b>2</b> m.p.h.	Read. <b>28.92"</b>			
Set <b>44</b> °F		Char. <b>LIGHT</b>	Corr. <b>28.80"</b>			
R. H. <b>82</b> %		24 hr. Mov. <b>53.2</b>	Sea L. <b>30.16"</b>	0700 Clds <b>4/10</b>	1300 Clds <b>57</b>	1900 Clds.
Ppn. Liq. <b>.07</b> in.		Prev. Dir. <b>SW</b>	3 hr. Tend. <b>-1.0</b>	Wx <b>Altoco</b>	Wx <b>30</b>	Wx
Ppn. Sol. <b>—</b> in.		Snow Depth <b>—</b> in.	Observer <b>MPS</b>	Vis. <b>V-8</b>	Vis. <b>41</b>	Vis. <b>44</b>



WED. OCT. 8, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	S	Temp.	68	≡ DISSIPATING		
Min.	38 °F	Vel.	2 m.p.h.	Read.	28.56			
Set	40 °F	Char.	LIGHT	Corr.	28.55			
R. H.	79 %	24 hr. Mov.	107.2 mi.	Sea L.	29.93	0700	1300	1900
						Clds.	Clds.	Clds.
						1/10	62	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	CLR	Wx	Wx	Wx
	— in.	SW	√.25 mb			36		
Ppn.	Sol.	Snow Depth	Observer	Vis.	8 mi.	Vis.	Vis.	Vis.
	— in.	— in.	JHM			37		42

Dp.T. 34°







Fri. Oct. 10, 1960

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	71 °F	Dir.	W	Temp.	68	9/10 BKN STRATO-CUMULUS			
Min.	36 °F	Vel.	1 m.p.h.	Read.	28.79				
Set	38 °F	Char.	LIGHT	Corr.	28.68				
R. H.	67 %	24 hr. Mov.	117.1 mi.	Sea L.	30.07	Clds.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NE	3 hr. Tend.	—	Clds.	70		
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx	Wx	Wx	
				Vis.	25 mi.	Wx	34		
				Vis.		Vis.	36		39

Dp.T. 28°

October 11, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49.4 °F	Dir. SSW	Temp. 69	Haze TRW- @ St 0530Z		
Min.	38 °F	Vel. 6-10 m.p.h.	Read. 28.51	Ceiling rising rapidly		
Set	48 °F	Char. <del>FF</del>	Corr. 28.39	Official Max T from Walker..		
R. H.	78 %	24 hr. Mov. 94	Sea L. 29.73	0700 Clds. 10/10	1300 Clds. 49	1900 Clds.
Ppn. Liq.	.14 in.	Prev. Dir. S	3 hr. Tend. +5 /	Wx Haze	Wx 36	Wx
Ppn. Sol.	in.	Snow Depth in.	Observer Andy	Vis. 2 mi	Vis. 46	Vis. 48

$T_2 = 42$



October 12, 1940

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F		Dir. WSW	Temp. 69	Sc		
Min. 44 °F		Vel. 10-15 m.p.h.	Read. 28.63			
Set 44 °F		Char. Steady	Corr. 28.51			
R. H. 63 %		24 hr. Mov. 294	Sea L. 29.87	0700 Clds. 9/10	1300 Clds. 67	1900 Clds.
Ppn. Liq. — in.		Prev. Dir. W	3 hr. Tend. +1.0mb ✓	Wx windy	Wx 43	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer Andy	Vis. 10mi	Vis. 43	Vis. 46

$T_d = 32$



Mon. Oct. 13, 1900

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. W	Temp. 69	STRATO - CUMULUS		
Min.	37 °F	Vel. 10 m.p.h.	Read. 28.77			
Set	39 °F	Char. GUSTY	Corr. 28.66			
R. H.	70 %	24 hr. Mov. 255	Sea L. 30.05	Clds. 9/10 SKN	1300 Clds. 50	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +1.0mb	Wx ✓	Wx 36	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JHM	W. 5 mi.	Vis. 37	Vis. 40

DpT. 30°

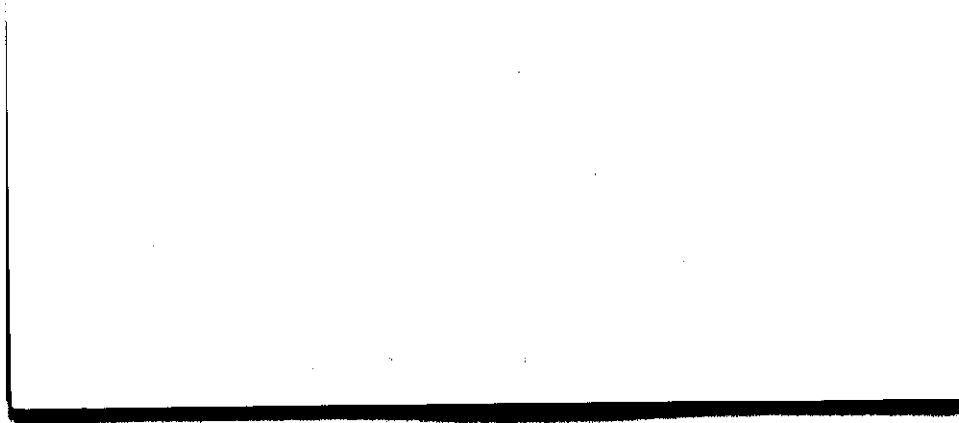


TUES. 10/14/80

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	49°F	Dir.	WNW	Temp.	Alcu BINOC		
Min.	38°F	Vel.	2 m.p.h.	Read.	*IP 17Z 10/13		
Set	39°F	Char.	LIGHT	Corr.	28.81		
R. H.	60%	24 hr. Mov.	160	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	NW	3 hr. Tend.	9/10	Clds	50
Ppn.	T* in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
				MPS	Alcu	37	
					Vis.	Vis.	Vis.
					20	37	39



WED. OCT 15, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	53 °F	Dir.	-0-	Temp.	68	OVC. STRATUS		
Min.	38 °F	Vel.	0 m.p.h.	Read.	28.89			
Set	42 °F	Char.	CALM	Corr.	28.78			
R. H.	76 %	24 hr. Mov.	74.4	Sea L.	30.16	0700	1300	1900
Ppn.	.04 in.	Prev. Dir.	W	3 hr. Tend.	—	Clds.	19/10	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx	54	Clds.
						Wx	STR.	Wx
						Vis.	37	Wx
						Vis.	12 m.	Vis.
						Vis.	41	Vis.
						Vis.	43	Vis.

DpT. 35°

THURS. 10/16/80

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F		Dir. SW	Temp. 70	Ci = VALLEYS		
Min. 42 °F		Vel. 2 m.p.h.	Read. 28.92	Alcu		
Set 44 °F		Char. LIGHT	Corr. 28.80	St		
				0700	1300	1900
R. H. 66 %		24 hr. Mov. 54.7	Sea L. 30.18	Clds. 2/10	Clds. 61	Clds.
Ppn. —	Liq. in.	Prev. Dir. SW	3 hr. Tend. +0.5	Wx SUNNY	Wx 37	Wx
Ppn. —	Sol. in.	Snow Depth — in.	Observer MPS	Vis. V-6	Vis. 40	Vis. 43





Fri. Oct. 17, 1950

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.						
Max.	76 °F	Dir.	-0-	Temp.	CLR Ci South Dissipating GF						
Min.	44 °F	Vel.	0 m.p.h.	Read.				28.89			
Set	50 °F	Char.	CALM	Corr.				28.78			
R. H.	71 %	24 hr. Mov.	95.5	Sea L.	30.14	0700	1300	1900			
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	— .5mb	Clds.	2/10	Clds.	75	Clds.	
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx	ci CLR	Wx	40	Wx	
						Vis.	8 mi.	Vis.	46	Vis.	51

DpT. 41°



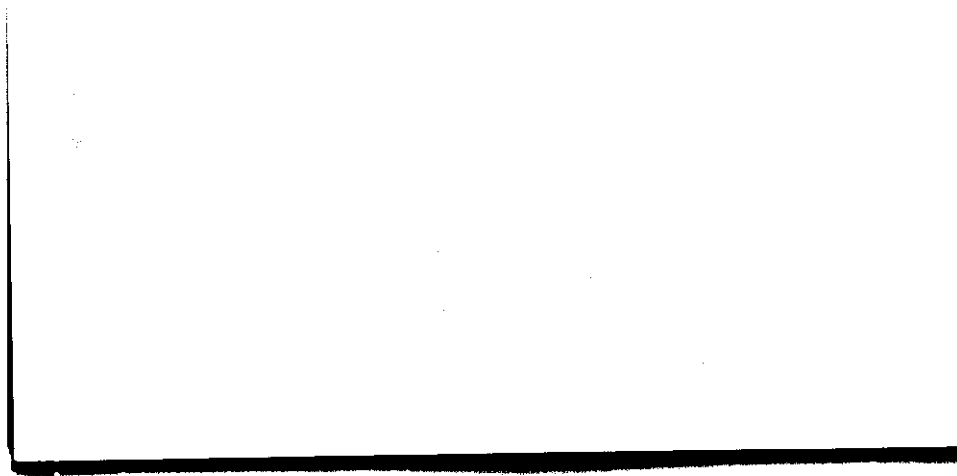
October 18, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. SSW	Temp. 70	Sc, Cs, Lc, Few Cu west Light Haze		
Min.	51 °F	Vel. 10 m.p.h.	Read. 28.64			
Set	64 °F	Char. Steady	Corr. 28.52			
R. H.	65 %	24 hr. Mov. 215	Sea L. 29.83	0700 Clds. 8/10	1300 Clds. 77	1900 Clds.
Ppn.	Liq. .01 in.	Prev. Dir. S	3 hr. Tend. -.05 ↓	Wx Light Haze	Wx 48	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 10 mi	Vis. 63	Vis. 66

$$T_d = 52$$



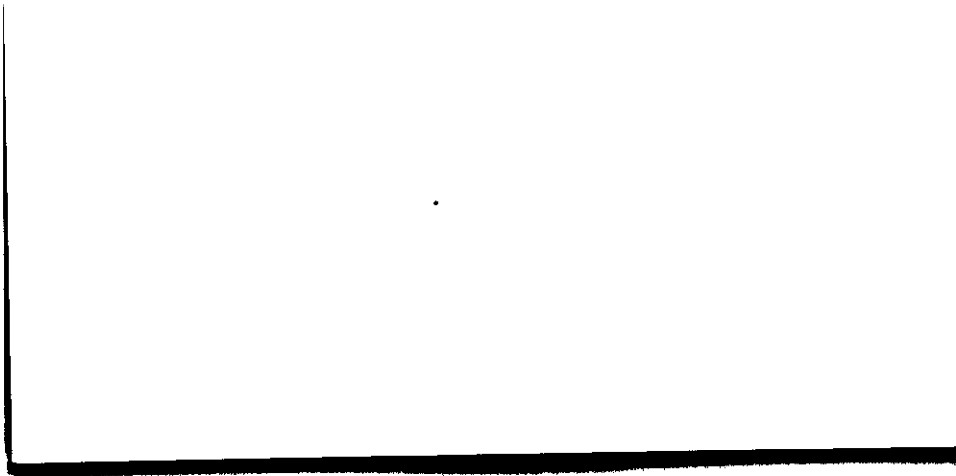
October 19, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. SW	Temp. 68	AS, AC A Little Haze		
Min.	49 °F	Vel. 5-7 m.p.h.	Read. 28.66			
Set	49 °F	Char. Steady	Corr. 28.55			
R. H.	58 %	24 hr. Mov. 182	Sea L. 29.90	0700 Clds. 3/10	1300 Clds. 66	1900 Clds.
Ppn.	Liq. .11 in.	Prev. Dir. SW	3 hr. Tend. 0.0	Wx	Wx 46	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer Andy	Vis. 10mi	Vis. 46	Vis. 50

$$T_d = 35$$



MON. OCT. 20, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	62 °F	Dir.	SW	Temp.				
				68				
Min.	40 °F	Vel.	10 m.p.h.	Read.				
				28.60				
Set	40 °F	Char.	GUSTY	Corr.				
				28.49				
R. H.	67 %	24 hr. Mov.	253.8	Sea L.	29.86	0700	1300	1900
						Clds.	Clds.	Clds.
						9/10 BKN	61	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	STRA	Wx	Wx	Wx
	T in.	W	+1 mb.			39		
Ppn.	Sol.	Snow Depth	Observer	Vis.	9 mi.	Vis.	39	Vis.
	— in.	— in.	JHM					41

DpT. 30°



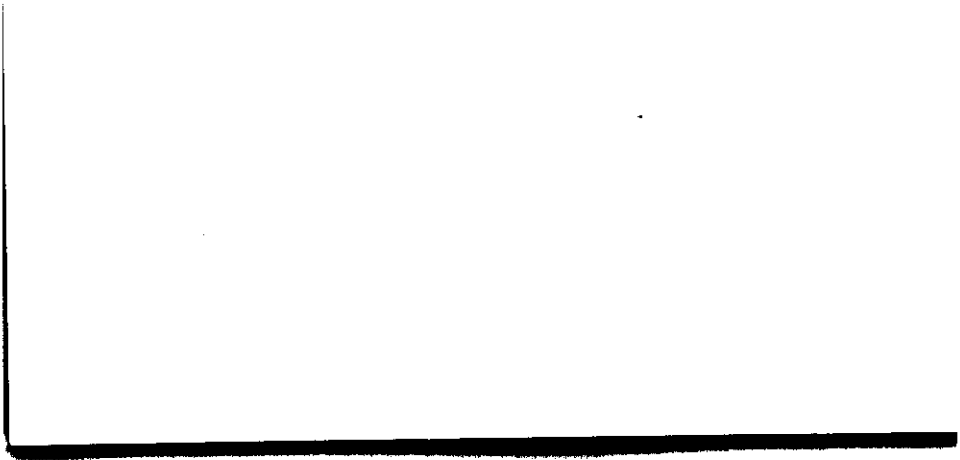


TUESDAY 10/21/80

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.					
Max.	49 °F	Dir.	SW	Temp.	68	Alcu					
Min.	40 °F	Vel.	12 m.p.h.	Read.	28.57						
Set	47 °F	Char.	GUSTY	Corr.	28.46						
R. H.	61 %	24 hr. Mov.	282	Sea L.	29.81	0700	1300	1900			
						Clds.	4/10	Clds.	49	Clds.	
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	0.0	Wx	Alcu	Wx	39	Wx	
Ppn.	— in.	Snow Depth	— in.	Observer	MPS	Vis.	10	Vis.	45	Vis.	47



WED. OCT 22, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	-0-	Temp.	68	SCT ci S,W		
Min.	35 °F	Vel.	0 m.p.h.	Read.	28.85			
Set	36 °F	Char.	CALM	Corr.	28.74			
R. H.	75 %	24 hr. Mov.	157.8	Sea L.	30.14			
Ppn. Liq.		Prev. Dir.	W	3 hr. Tend.	+2mb.	0700	1300	1900
Ppn. Sol.		Snow Depth	— in.	Observer	JHM	Clds.	Clds.	Clds.
Ppn. Sol.		Snow Depth	— in.	Observer	JHM	Wx	Wx	Wx
Ppn. Sol.		Snow Depth	— in.	Observer	JHM	Vis.	Vis.	Vis.
Ppn. Sol.		Snow Depth	— in.	Observer	JHM	12 mi	32	36

Dp T. 29°

THURSDAY 10/23/80 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	56 °F	Dir.	NE	Temp.	68 VALLEY HAZE		
Min.	29 °F	Vel.	2 m.p.h.	Read.	29.24 DISSIPATING		
Set	32 °F	Char.	LIGHT	Corr.	29.13 RAPIDLY		
R. H.	69 %	24 hr. Mov.	99.0	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					∞	23	
					SUNNY		
					Vis.	Vis.	Vis.
					15	25	32
					MPS		



FRI. OCT. 24, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.						
Max.	50 °F	Dir.	NE	Temp.	CU, CSTR. E+S. LECTILINIAE N. "MOUNTAIN WAVES"						
Min.	32 °F	Vel.	8 m.p.h.	Read.				29.19			
Set	35 °F	Char.	GUSTY	Corr.				29.08			
R. H.	54 %	24 hr. Mov.	100.8	Sea L.	30.50	0700	1300	1900			
Clds.	4/10	Clds.	51	Clds.							
Ppn. Liq.	— in.	Prev. Dir.	E	3 hr. Tend.	STEADY	Wx	SCT CI	Wx	25	Wx	
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	JHM	Vis.	25 mi.	Vis.	34	Vis.	37

$D_p T = 20^\circ$

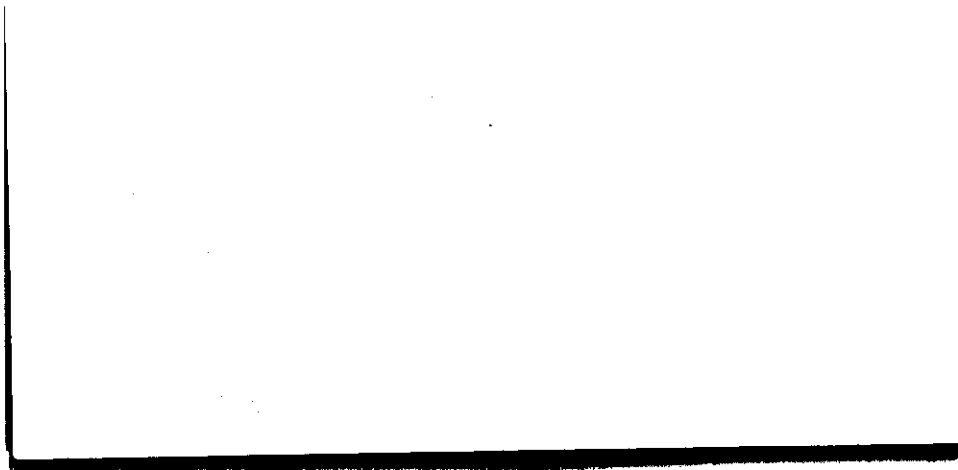


October 25, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. NNE	Temp. 68	Ns <sup>lt.</sup> Fog			
Min. 35 °F	Vel. 5-8 m.p.h.	Read. 28.62				
Set 44 °F	Char. Steady	Corr. 28.51				
R. H. 80 %	24 hr. Mov. 185	Sea L. 29.87	0700 Clds. 10/10	1300 Clds. 55	1900 Clds.	
Ppn. Liq. .57 in.	Prev. Dir. SE	3 hr. Tend. -6.0 \	Wx Rain/Fog	Wx 3F	Wx	
Ppn. Sol. in.	Snow Depth in.	Observer Andy	Vis. 3 mi	Vis. 43	Vis. 45	



October 26, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	48 °F	Dir.	WSW	Temp.	68	Sc Very windy		
Min.	34 °F	Vel.	20-30 G 40 m.p.h.	Read.	28.52			
Set	35 °F	Char.	Gusty	Corr.	28.41			
R. H.	54 %	24 hr. Mov.	384	Sea L.	29.79	0700	1300	1900
						Clds.	Clds.	Clds.
						10/10	49	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Windy int. flurries	Wx	33	Wx
1.23	in.	NW	+2.5 ✓					
Ppn.	Sol.	Snow Depth	Observer	Vis.	10m.	Vis.	33	Vis.
T(snow)	in.	in.	Andy					36

14.9

41.7

.2

.1

64.6

440.6

NW

62.5

629.6

.41

629.6

37776

38405

MON. OCT. 27, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	WSW	Temp.	68	OVC STRATUS		
Min.	34 °F	Vel.	8 m.p.h.	Read.	28.92			
Set	35 °F	Char.	GUSTY	Corr.	28.81			
R. H.	61 %	24 hr. Mov.	420	Sea L.	30.21	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	— +1mb.	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	JHM	Wx	Wx	Wx
				Vis.	20 mi.	0700	1300	1900
				Vis.		10/10 OVC	40	
				Vis.		STR.	33	
				Vis.			33	36

Dp. T. 23°









DPT. 210

200



19

OCT. 31, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	52°F	Dir.	WSW	Temp.	68	110 SCT ci SE		
Min.	28 °F	Vel.	12 m.p.h.	Read.	28.77			
Set	38 °F	Char.	GUSTY	Corr.	28.66			
R. H.	52%	24 hr. Mov.	144	Sea L.	30.05	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	-0.05 in.	Clds.	Clds.	Clds.
	in.					110	52	
Ppn.	Sol.	Snow Depth		Observer	JHM	Wx	Wx	Wx
	in.	in.				CLR	25	
				Observer	JHM	Vis.	Vis.	Vis.
						20	37	39

Dp. T. 22°