

November, 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F		Dir. W	Temp. 68	Few cu, sc		
Min. 39 °F		Vel. 9-12 m.p.h.	Read. 28.70			
Set 43 °F		Char. Steady	Corr. 28.59			
R. H. 51 %		24 hr. Mov. 354	Sea L. 29.93	0700 Clds. 1/10	1300 Clds. 57	1900 Clds.
Ppn. Liq. — in.		Prev. Dir. W	3 hr. Tend. +1.5mb	Wx clear	Wx 41	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer A. H. H.	Vis. 15 mi. Tm.	Vis. 41	Vis. 45

Td=26

0			
0			
0			
0			
2.6	sw		
176.1	w		
410.0			
24.5			
<hr/>			
613.2			
.61			
<hr/>			
6132			
36792			
<hr/>			
359.052			

November 2, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. NW	Temp. 68	Sc, no breaks		
Min.	37 °F	Vel. 3-5 m.p.h.	Read. 29.00			
Set	37 °F	Char. light	Corr. 28.89			
R. H.	50 %	24 hr. Mov. 259	Sea L. 30.28	0700 Clds. 19/10	1300 Clds. 50	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. NW	3 hr. Tend. +2.0 mb ✓	Wx	Wx 35	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 35 mi	Vis. 35	Vis. 39

$T_L = 20$

N 24.4

0.0

0.0

0.0

0.0

1.4

183.1

N_w 216.3

425.2

161

425.2

255.12

2593.72

*

ApT. 20°



TUESDAY 11/4/80

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F		Dir. SW	Temp. 69	VIRGA EAST		
Min. 28 °F		Vel. 8 m.p.h.	Read. 28.72	R 1030Z; RE 11:55Z		
Set 45 °F		Char. STEADY	Corr. 28.60	NIST ST		
				0700	1300	1900
R. H. 68 %		24 hr. Mov. 187	Sea L. 29.96	Clds. 1/10	Clds. 59	Clds.
Ppn. .05 in.	Liq.	Prev. Dir. S	3 hr. Tend. -1.0^	Wx NIST ST	Wx 23	Wx
Ppn. — in.	Sol.	Snow Depth — in.	Observer MPS	Vis. 8	Vis. 43	Vis. 45



WED. NOV 5, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F		Dir. WSW	Temp. 68	STRATOCU N + E HAZE		
Min. 40 °F		Vel. 12 m.p.h.	Read. 28.53			
Set 40 °F		Char. GWTY	Corr. 28.42			
				0700	1300	1900
R. H. 65 %		24 hr. Mov. 161	Sea L. 29.79	Clds. 4/10	Clds. 60	Clds.
Ppn. Liq. T in.		Prev. Dir. W	3 hr. Tend. STEADY	Wx U C	Wx 38	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer JHM	Vis. 8 mi.	Vis. 38	Vis. 42

Dp T. 29°

THURSDAY 11/6/80 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	46 °F	Dir.	SW	Temp.	Alst - HORIZON ALL QUADS				
Min.	31 °F	Vel.	6 m.p.h.	Read.				28.79	
Set	31 °F	Char.	STEADY	Corr.				28.68	
R. H.	63 %	24 hr. Mov.	175	Sea L.	30.08	0700	1300	1900	
Clds.	1/10	Clds.	10/50	Clds.					
Ppn.	T in.	Prev. Dir.	NW	3 hr. Tend.	H.O. ✓	Wx	SUNNY	Wx	28
Wx		Wx		Wx					
Ppn.	— in.	Sol.	— in.	Snow Depth	— in.	Observer	MPS	Vis.	15
Vis.		Vis.		Vis.		Vis.	28	Vis.	33



FRI. NOV. 7, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. SSW	Temp. 68	SCT ALTOSTRATUS S + NW CISTR - S + W		
Min.	31 °F	Vel. 12 m.p.h.	Read. 28.60			
Set	49 °F	Char. STEADY	Corr. 28.49			
R. H.	63 %	24 hr. Mov. 250.5	Sea L. 29.84	0700 Clds. 1/10	1300 Clds. 52	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. STEADY	Wx SUNNY	Wx 28	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JHM	Vis. 25 mi.	Vis. 47	Vis. 50

Dp.T. 37°



November 8, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. W	Temp. 69	Sc Few breaks in occ.		
Min.	49 °F	Vel. 15-20 m.p.h.	Read. 28.47	~0230EST TRW-jLTGIC NE GUST ~ 47 mph		
Set	53 °F	Char. Steady	Corr. 28.37			
R. H.	66 %	24 hr. Mov. 284	Sea L. 29.70	Clds. 14/10	Clds. 72	Clds. 1900
Ppn.	Liq. .11 in.	Prev. Dir. SW	3 hr. Tend. +3.0 mb ✓	Wx ft. haze	Wx 51	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 10 mi	Vis. 51	Vis. 54

$T_d = 42$

1
0.0
0.0
.5
91.3
285.5 sw
84.7
6.2
466.3
.61
4663
27979
284443

November 9, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. Var.	Temp. 68	Ac, As Haze Dew point rising rapidly		
Min.	35 °F	Vel. Light m.p.h.	Read. 28.64			
Set	38 °F	Char. L & V	Corr. 28.53			
R. H.	73 %	24 hr. Mov. 100	Sea L. 29.91	0700 Clds. 6/10	1300 Clds. 53	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. -1.5mb	Wx Haze	Wx 32	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 10 mi	Vis. 33	Vis. 39

3.5
 1.8
 10.8
 5.9
 1.4
 3.8
 67.3
 69.1

$\frac{163.6}{.61}$

1636

9816

$\frac{99.796}{6}$

MON. NOV. 10, 1960

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F		Dir. NW	Temp. 68	STRATOCU BINOCUL ALL QUADS TRW 1500Z 1600Z FOOT LIG		
Min. 38 °F		Vel. 10V 20 m.p.h.	Read. 28.54			
Set 42 °F		Char. GUSTY	Corr. 28.43			
R. H. 62 %		24 hr. Mov. 203 mi.	Sea L. 29.79	Clds. 10/10	Clds. 57	Clds.
Ppn. .33	Liq. in.	Prev. Dir. W	3 hr. Tend. 1 PRR + 9 mb.	Wx -5	Wx 3B	Wx
Ppn. —	Sol. in.	Snow Depth — in.	Observer JHM	Vis. 25 mi.	Vis. 41	Vis. 42

Dp T. 30°

: : *



TUESDAY 11/11/80 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	44 °F	Dir.	NW	Temp.	Stcu SW- BRINOV		
Min.	29 °F	Vel.	18 m.p.h.	Read.	28.81		
Set	29 °F	Char.	GUSTY	Corr.	28.70		
R. H.	57 %	24 hr. Mov.	354	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	NW	3 hr. Tend.	Clds	Clds.	Clds.
Ppn.	T in.	Snow Depth	— in.	Observer	10/10	44	
					Wx	Wx	Wx
					SW-	28	
					Vis.	Vis.	Vis.
					15	28	31

D.P. 16

WED, NOV 12 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	37 °F	Dir.	NW	Temp.	STRATO CU			
Min.	29 °F	Vel.	15 m.p.h.	Read.	28.94			
Set	30 °F	Char.	GUSTY	Corr.	28.83			
R. H.	61 %	24 hr. Mov.	290.5 mi	Sea L.	30.25	0700	1300	1900
Clds.	7/10	Clds.	38	Clds.				
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
T	in.	NW	+ 1.0 mb	5	28			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
T	in.	— in.	JHM	15	28	31		

Dp.T. 18° F

THURSDAY 11/13/80 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F		Dir. SW	Temp. 68	Ci Cicu		
Min. 30 °F		Vel. 4 m.p.h.	Read. 28.98			
Set. 35 °F		Char. LIGHT	Corr. 28.86			
R. H. 56 %		24 hr. Mov. 206	Sea L. 30.26	0700 Clds. 6/10	1300 Clds. 46	1900 Clds.
Ppn. — in.	Liq.	Prev. Dir. NW	3 hr. Tend. STEADY	Wx SUNNY	Wx 325	Wx
Ppn. — in.	Sol.	Snow Depth — in.	Observer MPS	Vis. 15	Vis. 28	Vis. 35



FRI, NOV. 14 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	60 °F	Dir.	WSW	Temp.	69	HAZE C1STR All QUADS		
Min.	35 °F	Vel.	8 VIS m.p.h.	Read.	28.76			
Set	55 °F	Char.	GUSTY	Corr.	28.65			
R. H.	22 %	24 hr. Mov.	250 mi.	Sea L.	29.98	0800	1300	1900
						Clds.	60	Clds.
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	STEADY	Wx	54 32	Wx
	— in.							
Ppn.	Sol.	Snow Depth	— in.	Observer	JHM	Vis.	5 mi	Vis.
	— in.						32 59	57

Dp.T. 17°F

November 15, 1950

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. E	Temp. 68	Sc, very low Haze		
Min.	37 °F	Vel. 3-5 m.p.h.	Read. 28.91			
Set	37 °F	Char. light	Corr. 28.80			
R. H.	78 %	24 hr. Mov. 202	Sea L. 30.20	0700 Clds. 10/10	1300 Clds. 63	1900 Clds.
Ppn. Lq.	0.01 in.	Prev. Dir. W	3 hr. Tend. 60 -	Wx Haze	Wx 36	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer Andy	Vis. 8 mi	Vis. 36	Vis. 39

$T_d = 31$

21.7
55.6
6.5
1
1.3
44.7
100.3 w
53.8
282.4
1.61
292.4
199.49
262.64

November 16, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. NW	Temp. 65	Se on west horizon ic East horizon Cloud coverage from 9/10 to 3/10 between 6am-1am		
Min.	°F	Vel. 3-5 m.p.h.	Read. 29.03			
Set	°F	Char. steady	Corr. 28.92			
R. H.	63 %	24 hr. Mov. 12	Sea L. 30-32	0700 Clds. 9/10	1300 Clds. 40	1900 Clds.
Ppn.	Liq. in.	Prev. Dir. NE	3 hr. Tend. +1.5mb ✓	Wx Haze	Wx 36	Wx
Ppn.	Sol. in.	Snow Depth in.	Observer Andy	Vis. 12m.	Vis. 30	Vis. 34

48.4
 111.9
 80.8
 7.1
 NE

44.4
 111.4 NE

8.0
 2.2
 0.0
 .5
 15.6
 183.0
 .41

183.9
 1103.4
 112.7 9

M.A.N. NOV 17 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 41 °F		Dir. E	Temp. 68	CISTR. HORIZON ALL QUADS		
Min. 18 °F		Vel. 4 m.p.h.	Read. 29.04			
Set 18 °F		Char. LIGHT	Corr. 28.93			
R. H. 74 %		24 hr. Mov. 112.5 mi.	Sea L. 30.39	0700 Clds. 4/10	1300 Clds. 43	1900 Clds.
Ppn. — in.	Liq. in.	Prev. Dir. NE	3 hr. Tend. -1.0mb.	Wx INCREASING CLOUDINESS	Wx 17	Wx
Ppn. — in.	Sol. in.	Snow Depth — in.	Observer JHM	Vis. 8mi.	Vis. 17	Vis. 22

DpT. 12° F.

17



WED. NOV 19, 1980

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.	STRATOCU BINOC		
Max.	33 °F	Dir. WNW	Temp. 68			
Min.	27 °F	Vel. 8 m.p.h.	Read. 28.93			
Set	31 °F	Char. GWY	Corr. 28.82			
R. H.	63 %	24 hr. Mov. 207 mi.	Sea L. 30.24	0700 Clds. 10/10	1300 Clds. 33	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. NW	3 hr. Tend. +2.0mb	Wx Cloudy	Wx 25	Wx
Ppn.	Sol. T in.	Snow Depth 5 in.	Observer JHM	Vis. 15 mi.	Vis. 29	Vis. 31

Dp T. 20°F

THURS. Nov 20, 1980 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	WEST	Temp.	68°			
Min.	24 °F	Vel.	7 m.p.h.	Read.	29.11"			
Set	25 °F	Char.	LIGHT	Corr.	28.99"			
R. H.	74 %	24 hr. Mov.	160	Sea L.	30.914	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WEST	3 hr. Tend.	+0.8 mb	Clds. 3/10 STRATOCU	Clds. 39	Clds.
Ppn.	— in.	Snow Depth	4.0 in.	Observer	MJM	Wx MOSTLY CLEAR	Wx 19	Wx
						Vis. 6MI.	Vis. 22	Vis. 27

81=PL

FRI. NOV 21, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	37 °F	Dir.	VAR.	Temp.	68°	LIGHT FOG STRONG INVERSION INDICATED BY POWER PLANT PLUME		
Min.	17 °F	Vel.	- m.p.h.	Read.	28.83			
Set	17 °F	Char.	CALM	Corr.	28.71			
R. H.	80 %	24 hr. Mov.	53	Sea L.	30.48"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SE	3 hr. Tend.	-1.0 mb	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	3 in.	Observer	MJM	Wx	Wx	Wx
						0700	1300	1900
						Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						3 mi.	10	19



NOVEMBER 22, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. WEST	Temp. 68°	CLEARING FROM 1015 Z - 1100 Z		
Min.	16 °F	Vel. 09 m.p.h.	Read. 29.11"			
Set	34 °F	Char. STEADY	Corr. 29.00"			
R. H.	61 %	24 hr. Mov. 398.4 Km 243.0 mi	Sea L. 30.41"	0700 Clds. 4/10 SC	1300 Clds. 42	1900 Clds. 40
Ppn. Liq.	T. in.	Prev. Dir. WEST	3 hr. Tend. +1.0 /	Wx P.CLOUDY	Wx 10	Wx 17
Ppn. Sol.	T. in.	Snow Depth 3 in.	Observer <i>B</i>	Vis. 30 MILES	Vis. 31	Vis. 35

$$T_d = 22^\circ$$



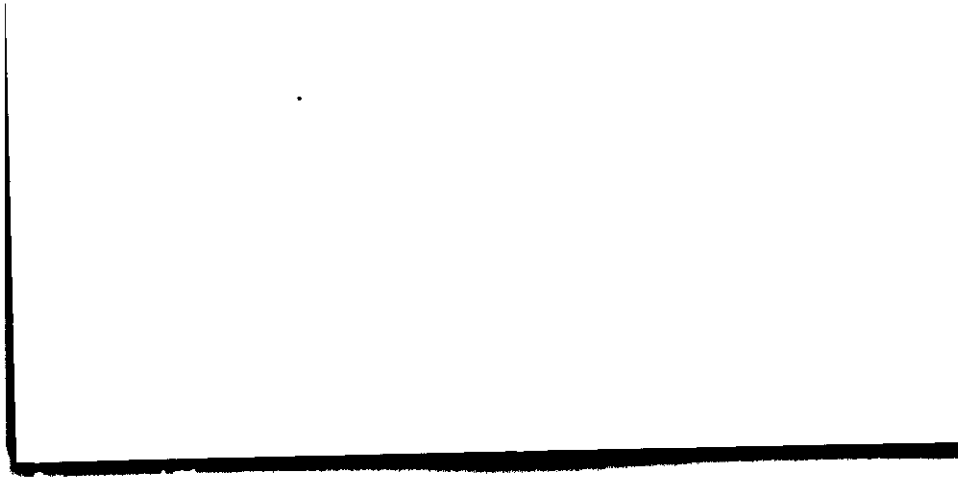
NOVEMBER 23, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	45 °F	Dir.	EAST	Temp.	68	BEAUTIFUL SUNRISE		
Min.	25 °F	Vel.	02 m.p.h.	Read.	29.18			
Set	27 °F	Char.	LIGHT	Corr.	29.06			
R. H.	66 %	24 hr. Mov.	176.4 Km 107.6 mi	Sea L.	30.49	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WEST	3 hr. Tend.	-06	Clds. 10/10	Clds.	Clds.
						CS & AS	46	
						Wx	Wx	Wx
						CLOUDY	19	
Ppn.	— in.	Snow Depth	2 in.	Observer	B	Vis.	Vis.	Vis.
						12 MILES	25	29

Td=~~17~~ 17



NOVEMBER 24, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. SOUTH	Temp. 68°	RDG TOPS OBSCD		
Min.	26 °F	Vel. 02. m.p.h.	Read. 28.90"			
Set	38 °F	Char. LIGHT & VARIABLE	Corr. 28.78"	0700	1300	1900
R. H.	79 %	24 hr. Mov. 68.1 Km 41.5 ml	Sea L. 30.17"	Clds. 10/10 STRATUS	Clds. 41°	Clds.
Ppn. Liq.	0.22 in.	Prev. Dir. SW	3 hr. Tend. -1.0 \	Wx LT. RAIN/FOG	Wx 25°	Wx
Ppn. Sol.	— in.	Snow Depth 1 in.	Observer B	Vis. 7 MILES	Vis. 35°	Vis. 39°

$T_d = 32$

NOVEMBER 25, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	4.2 °F	Dir. WEST	Temp. 69°	FEW BINOVC HIER CLDS VSBL		
Min.	36 °F	Vel. 07 m.p.h.	Read. 28.93"			
Set	39 °F	Char. STEADY	Corr. 28.81"			
R. H.	76 %	24 hr. Mov. 154.3 Km 94.1 mi	Sea L. 30.20"	0700 Clds. 10/10 STRATUS	1300 Clds. 42°	1900 Clds.
Ppn. Liq.	0.67 in.	Prev. Dir. WEST	3 hr. Tend. +1.3 /	Wx CLOUDY	Wx 34°	Wx
Ppn. Sol.	— in.	Snow Depth T. in.	Observer B	Vis. 30 MILES	Vis. 36°	Vis. 39°

Td = 32

NOVEMBER 26, 1930

Temp.		Wind	0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	40 °F	Dir. SW	Barom.	Temp.			
				68°			
Min.	27 °F	Vel. 03 m.p.h.	Read.	29.28"			
Set	27 °F	Char. STEADY	Corr.	29.16"			
R. H.	63 %	24 hr. Mov. 390.8 Km 242.4 mi	Sea L.	30.60"	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	CIRRUS	Clds. 3/10	Clds.	Clds.
	T. in.	WEST	+1.35	Wx		41°	
Ppn.	Sol.	Snow Depth	Observer	M. CLEAR	Wx	24°	Wx
	T. in.	T. in.	<i>[Signature]</i>	Vis.	Vis.	24°	Vis.
				35 MILES			20°

$$T_d = 16^\circ$$



NOVEMBER 27, 1980

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	43 °F	Dir.	ENE	Temp.	70			
Min.	26 °F	Vel.	08 m.p.h.	Read.	29.03"			
Set	29 °F	Char.	STEADY	Corr.	28.91"			
R. H.	66 %	24 hr. Mov.	72.6 Km 44.3 mi	Sea L.	30.33"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NE	3 hr. Tend.	-1.8 \	Clds. 10/10	Clds. 42	Clds.
Ppn.	— in.	Snow Depth	T. in.	Observer	<i>A</i>	Wx	Wx	Wx
						CLOUDY	24	
						Vis.	Vis.	Vis.
						25 MILES	29	31