

NOV 1 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. SW	Temp. 74	D.P. 41.1		
Min.	40 °F	Vel. 6 m.p.h.	Read. 28.91			
Set	49 °F	Char. L+V	Corr. 28.78			
R. H.	66 %	24 hr. Mov. 104	Sea L. 30.095	0700	1300	1900
Ppn.	Liq. .16 in.	Prev. Dir. WSW	3 hr. Tend. -2.2	Clds. 8/10 Sc 4/10 As	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DK	Wx —	Wx	Wx
				Vis. 7	Vis.	Vis.

NOV 2 1962

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom. (SW-)		General Obs.		
Max.	54 °F	Dir.	W	Temp.	70	* Began 09:10 EST		
Min.	34 °F	Vel.	6 m.p.h.	Read.	28.51	* " 15:10 "		
Set	34 °F	Char.	Stdy	Corr.	28.39	* " 16:20 "		
R. H.	78 %	24 hr. Mov.	156	Sea L.	29.71	0700	1300	1900
Ppn.	.01 in.	Prev. Dir.	SW	3 hr. Tend.	-062	Clds. 6/10 Sc 2/10 Ac	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	DK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15		

DP 28.5

NOV 3 1963

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	41 °F	Dir.	W	Barom.	Temp.	SW-Bejan 0737 EST  DP 27.7		
Min.	34 °F	Vel.	8 m.p.h.	Read.	68			
Set	35 °F	Char.	Stdy	Corr.	28.825			
R. H.	74 %	24 hr. Mov.	249	Sea L.	28.71			
Ppn.	.03 in.	Prev. Dir.	WNW	3 hr. Tend.	+4.31	0700	1300	1900
Ppn.	T 0 in.	Snow Depth	0 in.	Observer	DK	Clds.	Clds.	Clds.
						710 Sc		
						2110 Ac		
						Wx	Wx	Wx
						—		
						Vis.	Vis.	Vis.
						15+		

NOV 4 1962

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST		General Obs.		
Max.	44 °F	Dir.	SW	Barom.	Temp.	DP 21		
					72			
Min.	34 °F	Vel.	2 m.p.h.	Head.	28.955			
Set	37 °F	Char.	Light	Corr.	28.83			
R. H.	52 %	24 hr. Mov.	167	Sea L.	30.175	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.51	Clds.		
						Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	DK	Wx		
						Vis.	Vis.	Vis.
						15		

NOV 5 1952

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	55 °F	Dir.	—	Temp.	74	D.P. 27		
Min.	36 °F	Vel.	0 m.p.h.	Read.	28.86			
Set	44 °F	Char.	Calm	Corr.	28.73			
R. H.	49 %	24 hr. Mov.	85	Sea L.	30.045	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	0.0 -	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	DK	Wx	Wx	Wx
				Vis.	12	Wx	Wx	Wx
						Vis.	Vis.	Vis.

NOV 5 1953

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	—	Temp.	74	D.P. 46		
Min.	44 °F	Vel.	0 m.p.h.	Read.	28.72			
Set	47 °F	Char.	CalM	Corr.	28.59			
R. H.	96 %	24 hr. Mov.	81	Sea L.	29.885	0700	1300	1900
Ppn.	.01 in.	Prev. Dir.	S	3 hr. Tend.	-0.3	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	DK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						44		

NOV 7 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	N	Temp.	73	Max Gust 30 MPH 06.49		
Min.	47 °F	Vel.	14 m.p.h.	Read.	28.33			
Set	50 °F	Char.	Gusty	Corr.	28.205	D.P. 49.2		
R. H.	100 %	24 hr. Mov.	142	Sea L.	29.48	0700	1300	1900
Ppn. Liq.	1.56 in.	Prev. Dir.	N	3 hr. Tend.	-1.9 \	Clds.	Clds.	Clds.
Ppn. Sol.	0 in.	Snow Depth	0 in.	Observer	DK	7/10 NS 3/10 ST	Wx	Wx
						Wx	Rain Fog	Wx
						Vis.	2	Vis.

NOV 8 1952

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST				
Max.		Dir.		Barom.	Temp.			
53	°F	NW		71				
Min.		Vel.		Read.				
45	°F	8	m.p.h.	28.35				
Set		Char.		Corr.				
45	°F	Gusty		28.23				
R. H.		24 hr. Mov.		Sea L.	0700	1300	1900	
87	%	197		29.525	Clds.	Clds.	Clds.	
					7/10 Sc			
					3/10 Hs			
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
1.01	in.	N		+01.21	—			
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	
0	in.	0	in.	OK	8			

D.P. 41.9



5629

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. WNW	Temp. 72	DP 40.4		
Min.	45 °F	Vel. 6 m.p.h.	Read. 28.635			
Set	46 °F	Char. Gusty	Corr. 28.51			
R. H.	79 %	24 hr. Mov. 179	Sea L. 29.815			
Ppn.	Liq. .04 in.	Prev. Dir. NW	3 hr. Tend. +1.81	0700 Clds. 4/10 Sc 3/10 Mc Wx —	1300 Clds.	1900 Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DK	Vis. 15	Vis.	Vis.

NOV 1 0 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. —	Temp. 72	D.P. 38.8		
Min.	40 °F	Vel. 0 m.p.h.	Read. 28.80			
Set	40 °F	Char. Calm	Corr. 28.675			
R. H.	92 %	24 hr. Mov. 118	Sea L. 29.99	0700 Clds. 5/10 Ac 1/10 Ci	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. NW	3 hr. Tend. +00.2'	Wx GF	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 4	Vis.	Vis.

NOV 11 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	W	Temp.	75	DP 38.7		
Min.	40 °F	Vel.	7 m.p.h.	Read.	28.72			
Set	45 °F	Char.	L+V	Corr.	28.585			
R. H.	79 %	24 hr. Mov.	92	Sea L.	29.88	0700	1300	1900
Ppn.	.03 in.	Prev. Dir.	W	3 hr. Tend.	+00.81	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	DK	Wx	Wx	Wx
				Vis.	9	Vis.	Vis.	Vis.

NOV 12 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	55 °F	Dir.	SW	Temp.	SW -- BEGAN 1756		
					" " " 2203		
Min.	35 °F	Vel.	5 m.p.h.	Read.	D.P. 28.5		
Set	37 °F	Char.	Stdy	Corr.			
R. H.	71 %	24 hr. Mov.	173	Sea L.	0700	1300	1900
					Clds.	Clds.	Clds.
					8/10 Ms		
					2/10 Ci		
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	Wx	Wx	Wx
					—		
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				OK	8		

NOV 28 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	43 °F	Dir.	SW	Temp.	71	DP 27.5		
Min.	35 °F	Vel.	7 m.p.h.	Read.	28.62			
Set	35 °F	Char.	Stdy	Corr.	28.495			
R. H.	71 %	24 hr. Mov.	180	Sea L.	29.83	0700	1300	1900
Ppn. Liq.	.01 in.	Prev. Dir.	SW	3 hr. Tend.	+00.6'	Clds.	Clds.	Clds.
Ppn. Sol.	0 in.	Snow Depth	0 in.	Observer	DK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						8		

NOV 14 1952

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	40 °F	Dir.	WNW	Temp.	SW -- BEGAN 0941 EST		
				73	W. BEGAN 2332 EST		
Min.	34 °F	Vel.	6 m.p.h.	Read.			
				28.76			
Set	34 °F	Char.	Stdy	Corr.	DP 29		
				28.63			
R. H.	78 %	24 hr. Mov.	138	Sea L.	0700	1300	1900
				29.975	Clds.	Clds.	Clds.
					6/10 Sc		
					4/10 As		
Ppn.	0 in.	Prev. Dir.	WNW	3 hr. Tend.	Wx	Wx	Wx
				+01.01	HAZE		
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				DK	6		

NOV 15 1962

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	40 °F	Dir.	W	Temp.	72	DP 27.5		
Min.	34 °F	Vel.	7 m.p.h.	Read.	29.00			
Set	35 °F	Char.	Gusty	Corr.	28.875			
R. H.	71 %	24 hr. Mov.	184	Sea L.	30.32	0700	1300	1900
Ppn. Liq.	.03 in.	Prev. Dir.	W	3 hr. Tend.	+2.41	Clds. 2/10 Sc 4/10 Mc 1/10 As	Clds.	Clds.
Ppn. Sol.	T in.	Snow Depth	0 in.	Observer	DK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						12		

NOV 16 1968

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	43 °F	Dir. SW	Temp. 72	DP 28		
Min.	33 °F	Vel. 7 m.p.h.	Read. 28.995			
Set	41 °F	Char. stdy	Corr. 28.87			
R. H.	56 %	24 hr. Mov. 153	Sea L. 30.21	0700 Clds. 9/10 AC 4/10 Sc	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. W	3 hr. Tend. 0.0 -	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 10	Vis.	Vis.



NOV 17 1952

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. —	Temp. 73	DP 36.2		
Min.	41 °F	Vel. 0 m.p.h.	Read. 29.015			
Set	50 °F	Char. CALM	Corr. 28.885			
R. H.	59 %	24 hr. Mov. 108	Sea L. <del>80.20</del>	0700 Clds. No Ac No Ci Thin	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. W	3 hr. Tend. +00.3'	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 12	Vis.	Vis.

NOV 18 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. SW	Temp. 72	R-BEGAN 1648 EST.  D.P. 42.4°		
Min.	49 °F	Vel. 6 m.p.h.	Read. 28.90			
Set	59 °F	Char. STDY	Corr. 28.775			
R. H.	53 %	24 hr. Mov. 143	Sea L. 30.05	0700 Clds. 4 Sc 10/10 Ac	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. 00.7L	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JK.	Vis. 12	Vis.	Vis.

NOV 19 1953

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. NNW	Temp. 78	DP 34.3		
Min.	46 °F	Vel. 5 m.p.h.	Read. 29.075			
Set	47 °F	Char. Stdy	Corr. 28.93			
R. H.	62 %	24 hr. Mov. 207	Sea L. 30.24	0700 Clds. 1% Sc	1300 Clds.	1900 Clds.
Ppn. Liq.	.01 in.	Prev. Dir. SW	3 hr. Tend. +02.2'	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 14	Vis.	Vis.

NOV 20 1962

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	55 °F	Dir.	—	Temp.	76	HAD HEAVY FROST R-- BEGAN 2145 EST		
Min.	30 °F	Vel.	0 m.p.h.	Read.	29.27			
Set	30 °F	Char.	CALM	Corr.	29.13	D.P. 28.5		
R. H.	91 %	24 hr. Mov.	84	Sea L.	30.485	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NW	3 hr. Tend.	+01.6'	Clds.	Clds.	Clds.
						4/10 CC		
						4/10 CS		
Ppn.	0 in.	Snow Depth	0 in.	Observer	OK	Wx	Wx	Wx
						HAZE		
						Vis.	Vis.	Vis.
						5		

NOV 21 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. SSW	Temp. 72	D.P. 41.		
Min.	30 °F	Vel. 5 m.p.h.	Read. 29.12			
Set	45 °F	Char. Stdy	Corr. 28.99			
R. H.	83 %	24 hr. Mov. 133	Sea L. 30.325	0700 Clds. 5/10 Sc 2/10 Ac 4/10 Ci 2/10 M	1300 Clds.	1900 Clds.
Ppn. Liq.	.05 in.	Prev. Dir. S	3 hr. Tend. -00.31	Wx HAZE	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer DK	Vis. 5	Vis.	Vis.

NOV 22 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. —	Temp. 77°	D.P. = 39.4°		
Min.	37 °F	Vel. 0 m.p.h.	Read. 29.16			
Set	40 °F	Char. Calm	Corr. 29.04			
R. H.	96 %	24 hr. Mov. 50	Sea L. 30.405	0700 Clds. Sc 2/10 AS	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. 0.00—	Wx FOG	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer J.K.	Vis. 1/2 FOG	Vis.	Vis.

NOV 23 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. SSW	Temp. 74	Cold FRONTAL PASSAGE 1038 EST RAIN BEGAN 0600 EST MAX GUSTS 61 MPH 2208 EST		
Min.	40 °F	Vel. 8 m.p.h.	Read. 28.710			
Set	57 °F	Char. stdy	Corr. 28.580			
R. H.	89 %	24 hr. Mov. 147	Sea L. 29.88	0700 Clds. 10/10 NS	1300 Clds.	1900 Clds.
Ppn.	Liq. .08 in.	Prev. Dir. SSW	3 hr. Tend. -2.00\	Wx R	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer J.H.	Vis. 3 1/2	Vis.	Vis.

NOV 24 1953

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. W	Temp. 73	DP 21		
Min.	33 °F	Vel. 7 m.p.h.	Read. 28.975			
Set	33 °F	Char. Gusty	Corr. 28.845			
R. H.	60 %	24 hr. Mov. 235	Sea L. 30.185	0700 Clds. 9/10 Hc	1300 Clds.	1900 Clds.
Ppn. Liq.	.47 in.	Prev. Dir. W	3 hr. Tend. +3.001	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 15+	Vis.	Vis.



NOV 25 1962

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. —	Temp. 73	HEAVY FROST GROUND FROZEN AT SURFACE		
Min.	23 °F	Vel. 0 m.p.h.	Read. 29.26			
Set	23 °F	Char. CALM	Corr. 29.13			
R. H.	63 %	24 hr. Mov. 176	Sea L. 30.525	0700	1300	1900
				Clds. No FS No Ci Thin	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. +02.51	Wx —	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer DK	Vis. 15+	Vis.	Vis.

NOV 26 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. WSW	Temp. 71	D.P. 19		
Min.	23 °F	Vel. 3 m.p.h.	Read. 29.15			
Set	31 °F	Char. Stdy	Corr. 29.025			
R. H.	60 %	24 hr. Mov. 82	Sea L. 30.40	0700 Clds. 9/16 NS	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. 00.0 -	Wx —	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DK	Vis. 12	Vis.	Vis.

NOV 27 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. W	Temp. 72	DP 41		
Min.	31 °F	Vel. 12 m.p.h.	Read. 28.82			
Set	49 °F	Char. Gusty	Corr. 28.695			
R. H.	74 %	24 hr. Mov. 110	Sea L. 30.00	0700 Clds. 4/10 Sc 2/100 Ac	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. WSW	3 hr. Tend. 0.00 ^	Wx HAZE	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer DK	Vis. 5	Vis.	Vis.

NOV 28 1963

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.						
Max.	53 °F	Dir.	—	Temp.	AT 0740 EST HEAVY Fog SET IN. VIS. 2 R BEGAN 1955 EST  DP 33.5						
Min.	36 °F	Vel.	0 m.p.h.	Read.				28.97			
Set	36 °F	Char.	CALM	Corr.				28.835			
R. H.	91 %	24 hr. Mov.	150	Sea L.				30.17			
Ppn.	0 in.	Prev. Dir.	WSW	3 hr. Tend.	+0.4'	Clds.	No Ci THIN	Clds.		Clds.	
Ppn.	0 in.	Snow Depth	0 in.	Observer	DK	Wx	GF	Wx		Wx	
						Vis.	1/2	Vis.		Vis.	

NOV 28

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. ENE	Temp. 75	Cold Frontal Passage 1324 EST * Began 1930 EST Sharp Pressure (Station Press) Drop From 29.00 To 28.30 EST Pressure Dropped 26 m.b. Lowest Pressure 28.17		
Min.	32 °F	Vel. 6 m.p.h.	Read. 28.975			
Set	47 °F	Char. Light	Corr. 28.345			
R. H.	96 %	24 hr. Mov. 111	Sea L. 29.64	D.P. 45.8		
Ppn. Liq.	0.34 in.	Prev. Dir. S	3 hr. Tend. - 4.201	0700	1300	1900
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer J.K.	Clds. 7/10 Fc 3/10 Ms	Clds.	Clds.
				Wx R- 4 Fog	Wx	Wx
				Vis. 3	Vis.	Vis.

NOV 30 1953

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. W	Temp. 63	MAX Gust 44 MPH 0538 EST		
Min.	29 °F	Vel. 20 m.p.h.	Read. 28.09			
Set	29 °F	Char. Gusty	Corr. 27.99			
R. H.	85 %	24 hr. Mov. 250	Sea L. 29.305	0700 Clds. 7/10 Sc 3/10 TS	1300 Clds.	1900 Clds.
Ppn. Liq.	1.30 in.	Prev. Dir. NW	3 hr. Tend. +3.00'	Wx * - -	Wx	Wx
Ppn. Sol.	in.	Snow Depth 7.7 in.	Observer DK	Vis. 4	Vis.	Vis.