

NOV 1 1914

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. SW	Temp. 66	RW-- 18/75		
Min.	48 °F	Vel. 2 m.p.h.	Read. 29.07			
Set	50 °F	Char. Lght.	Corr. 28.96	D.P. - 48		
R. H.	90 %	24 hr. Mov. 97	Sea L. 30.36	0700 Clds. 7/10 Sc 2/10 Bk	1300 Clds.	1900 Clds.
Ppn. Liq.	.19 in.	Prev. Dir. SW	3 hr. Tend. 0.47	Wx Fog	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer H.D.	Vis. 3	Vis.	Vis.

NOV 2 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. E	Temp. 67	L--BRISIE RBR335E AR-10006			
Min. 45 °F	Vel. 4 m.p.h.	Read. 28.870				
Set 45 °F	Char. stdy	Corr. 28.755				
R. H. 100 %	24 hr. Mov. 34	Sea L. 30.105	0700 Clds. 50' obscured	1300 Clds.	1900 Clds.	
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. -00.3	Wx FOG	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 1/4	Vis.	Vis.	

NOV 3 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F	Dir. —		Temp. 68	Cold FRPA AT 1248E R ENDED 1345E R--ENDED 2110E		
Min. 45 °F	Vel. 0 m.p.h.		Read. 28.750			
Set 51 °F	Char. CALM		Corr. 28.635	0700	1300	1900
R. H. 100 %	24 hr. Mov. 60	Sea L. 29.990	Clds. 4/10NS 4/10ST	Clds.	Clds.	
Ppn. Liq. .73 in.	Prev. Dir. ENE	3 hr. Tend. 00.0V	Wx RAIN FOG	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 1/2	Vis.	Vis.	

NOV 4 1970

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. NW	Temp. 69	RW-- 01308 E		
Min.	40 °F	Vel. 1 m.p.h.	Read. 28.640	(11-5-70) 32 MPH AT 0650E		
Set	40 °F	Char. L & V	Corr. 28.520	MSB MAY WIND GUST		
R. H.	91 %	24 hr. Mov. 86	Sea L. 29.885	0700	1300	1900
Ppn. Liq.	1.06 in.	Prev. Dir. WSW	3 hr. Tend. -01.5	Clds. C/MS JC W/MS BT	Clds.	Clds.
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Wx FOG	Wx	Wx
				Vis. 3	Vis.	Vis.

NOV 5 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 47 °F	Dir. W	Temp. 66	RW--B 0727E RW--B 1000E RB 1355E			
Min. 40 °F	Vel. +28 12 m.p.h.	Read. 28.280	MAX Wind Gust 40 mph 1012E			
Set 41 °F	Char. Gusty	Corr. 28.170	0233			
R. H. 71 %	24 hr. Mov. 156	Sea L. 29.510	Clds. 0700 3/5 sc 4/10 ST	1300 Clds.	1900 Clds.	
Ppn. 0 in.	Liq. N	Prev. Dir. N	3 hr. Tend. +00.1A	Wx —	Wx	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 15	Vis.	

NOV 6 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. SSW	Temp. 69			
Min.	39 °F	Vel. 2 m.p.h.	Read. 28.680			
Set	39 °F	Char. L & V	Corr. 28.560			
R. H.	79 %	24 hr. Mov. 231	Sea L. 29.930	0700	1300	1900
Ppn. Liq.	.05 in.	Prev. Dir. W	3 hr. Tend. +0.6'	Clds. 3/10sc 4/10tc	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer DK	Vis. 15	Vis.	Vis.

1070

NOV 7

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52°F	Dir. SSW	Temp. 69			
Min.	39°F	Vel. 2 m.p.h.	Read. 28.680			
Set	47°F	Char. STdy	Corr. 28.560	0700	1300	1900
R. H.	58%	24 hr. Mov. 151	Sea L. 29.970	Clds. No CS No AC	Clds.	Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. +0.41	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth — in.	Observer JTM	Vis. 15	Vis.	Vis.

NOV 8 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	62 °F	Dir.	NNE	Temp.			
				70			
Min.	37 °F	Vel.	01 m.p.h.	Read.			
				29.055			
Set	38 °F	Char.	LIGHT	Corr.			
				28.933			
					pp 3+		
					0700	1300	1900
R. H.	87 %	24 hr. Mov.	102	Sea L.	Clds.	Clds.	Clds.
				30.31	CLEAR FEW Ac		
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	Wx	Wx	Wx
				+1.8/	LIGHT FOG		
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				KLA	5		

NOV 9 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. S	Temp. 69			
Min.	37 °F	Vel. 3 m.p.h.	Read. 29.230			
Set	47 °F	Char. VARIABLE	Corr. 29.110			
R. H.	85 %	24 hr. Mov. 49	Sea L. 30.485	0700 Clds. 5/10sc 9/10st	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. E	3 hr. Tend. +00.8'	Wx FOG	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 2	Vis.	Vis.

NOV 10 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. SE	Temp. 70	RM-- G 1348 E R- B 1359 E			
Min. 47 °F	Vel. 3 m.p.h.	Read. 29.000				
Set 49 °F	Char. L & V	Corr. 28.880	0700 1300 1900			
R. H. 85 %	24 hr. Mov. 125	Sea L. 39245	Clds. 7/10sc 3/10st	Clds.	Clds.	
Ppn. Liq. 0 in.	Prev. Dir. SE	3 hr. Tend. -00.5L	Wx FOG	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DK	Vis. 2	Vis.	Vis.	

NOV 11 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. NE	Temp. 72	R--80851E RB0947E			
Min. 49 °F	Vel. 3 m.p.h.	Read. 28.940	R--81780E R--81800E			
Set 53 °F	Char. L+V	Corr. 28.815	0700 1900 1900			
R. H. 100 %	24 hr. Mov. 52	Sea L. 30.165	Clds. 6/10sc 4/10ST	Clds.	Clds.	
Ppn. Liq. .17 in.	Prev. Dir. NE	3 hr. Tend. -00.5L	Wx FOG	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 1	Vis.	Vis.	

NOV 12 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. —	Temp. 70		R-80912E R-81033E R82021E R+82110E TRW B 0110E (11-13)		
Min. 53 °F	Vel. 0 m.p.h.	Read. 28.640				
Set 56 °F	Char. CALM	Corr. 28.520		0700 1300 1900		
R. H. 96 %	24 hr. Mov. 76	Sea L. 29.845		Clds. 4/10 NS 3/10 ST 9/10 SC	Clds.	Clds.
Ppn. Liq. .80 in.	Prev. Dir. ENE	3 hr. Tend. -00.5		Wx 4 FOG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DK		Vis. 1	Vis.	Vis.

NOV 13 1970

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind		Barom.		RW-80726E RW-81456E		
Max.	63 °F	Dir.	N	Temp.	66			
Min.	50 °F	Vel.	5 m.p.h.	Read.	28.510			
Set	50 °F	Char.	Stdy	Corr.	28.400	0700	1300	1900
R. H.	96 %	24 hr. Mov.	10R	Sea L.	29.720	Clds.	Clds.	Clds.
Ppn.	.89 in.	Prev. Dir.	S	3 hr. Tend.	+00.71	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	OK	Wx	Wx	Wx
				Observer	H	Vis.	Vis.	Vis.

NOV 14 1970

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.		General Obs.		
Max.		Dir.	Temp.				
54	°F	NE	70				
Min.		Vel.	Read.				
41	°F	3 m.p.h.	28.770				
Set		Char.	Corr.	DP: 38			
42	°F	Stdy	28.649	0700	1300	1900	
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
84	%	101	30.059	10/10 Sc			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.17	in.	NNE	+1.21	—			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0	in.	— in.	JTM	10			

NOV 15 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. SE	Temp. 70	R-8 0710 E RB 1015 E		
Min.	40 °F	Vel. 2 m.p.h.	Read. 28.46	MAX WIND GUST 31MPH 15ZBE		
Set	50 °F	Char. L&V	Corr. 28.34	AP. 48		
R. H.	93 %	24 hr. Mov. 106	Sea L. 29.69	0700	1300	1900
Ppn. Liq.	.35 in.	Prev. Dir. NE	3 hr. Tend. +01.0	Clds. 10/10 S	Clds.	Clds.
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer BN	Wx R-FOG	Wx	Wx
				Vis. 4	Vis.	Vis.

NOV 16 1970

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	SW-- 0928 E		
Max.	50 °F	Dir. W	Temp. 64			
Min.	32 °F	Vel. 3 + 21 m.p.h.	Read. 28.895			
Set	32 °F	Char. Gusty	Corr. 28.790			
R. H.	69 %	24 hr. Mov. 214	Sea L. 30.195	0700	1300	1900
Ppn.	Liq. .23 in.	Prev. Dir. W	3 hr. Tend. +02.0'	Clds. 5/1000 3/10 ST	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DK	Wx —	Wx	Wx
				Vis. 15+	Vis.	Vis.

NOV 17 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. SW	Temp. 67			
Min.	32 °F	Vel. 3 m.p.h.	Read. 28.945			
Set	33 °F	Char. Stdy	Corr. 28.830	0700	1300	1900
R. H.	70 %	24 hr. Mov. 207	Sea L. 30.240	Clds. 3/10sc 6/10bc	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.41	Wx —	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 0 in.	Observer OK	Vis. 7	Vis.	Vis.

NOV 18 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. NE	Temp. 67	First Heavy Frost This A.M.		
Min.	28 °F	Vel. 3 m.p.h.	Read. 28.900			
Set	30 °F	Char. L+V	Corr. 28.785	0700	1300	1900
R. H.	88 %	24 hr. Mov. 47	Sea L. 30.190	Clds. 6/10AL 4/10AS	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. 0.00V	Wx HAZE	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 5	Vis.	Vis.

NOV 19 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	43 °F	Dir. SW	Temp. 67			
Min.	30 °F	Vel. 2 m.p.h.	Read. 28.890			
Set	32 °F	Char. Light	Corr. 28.775	MP28		
R. H.	84 %	24 hr. Mov. 78	Sea L. 30.170	Clds. 11049	0700	1300
Ppn.	0 in.	Prev. Dir. S	3 hr. Tend. +01.31	Wx HAZE	1900	Clds.
Ppn.	0 in.	Snow Depth 0 in.	Observer DK	Wx	Wx	Wx
				Vis. 5	Vis.	Vis.

NOV 20 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. S	Temp. 68	RW- B 0920 E RW B 0955 E TRWHA B 1645 E (BRIEF)		
Min.	32 °F	Vel. 8 + 24 m.p.h.	Read. 28.665	RW-- B 0030 E (11-21) MAX WIND GUST 62 MPH AT 2030 E		
Set	47 °F	Char. Gusty	Corr. 28.545	0700	1300	1900
R. H.	76 %	24 hr. Mov. 94	Sea L. 29.805	Clds. 6/10sc 4/10st	Clds.	Clds.
Ppn.	Liq. 0 in.	Prev. Dir. S	3 hr. Tend. -03.01	Wx FOG	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 3	Vis.	Vis.

NOV 21 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. WSW	Temp. 67°	MAX WIND GUST 38 MPH AT 1147E		
Min.	39 °F	Vel. 16 m.p.h.	Read. 28.740			
Set	39 °F	Char. GUSTY	Corr. 28.627	PP. 27		
				0700	1300	1900
R. H.	60 %	24 hr. Mov. 296	Sea L. 30.037	Clds. 8/10 Sc	Clds.	Clds.
Ppn. Liq.	0.69 in.	Prev. Dir. W	3 hr. Tend. +4.51	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth — in.	Observer J.T.M.	Vis. 10	Vis.	Vis.

NOV 22 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 46 °F	Dir. —	Temp. 68	RW-- B 22/7 E MAX Wind Gust 38 mph 225/E			
Min. 31 °F	Vel. 0 m.p.h.	Read. 28.80				
Set 31 °F	Char. Light	Corr. 28.68	D.P. - 27			
			0700	1300	1900	
R. H. 86 %	24 hr. Mov. 175	Sea L. 30.13	Clds. Vlo Ac 310 - ci	Clds.	Clds.	
Ppn. Liq. — in.	Prev. Dir. WSW	3 hr. Tend. -.8 L	Wx Gr. Fog	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer A.D.	Vis. 10	Vis.	Vis.	

NOV 23 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. WSW	Temp. 65	SW--BOBIRE SW 81345E MAX GUST 1903E 47MPH 1918E 40MPH			
Min. 27 °F	Vel. +29 22 m.p.h.	Read. 28.510				
Set 27 °F	Char. Gusty	Corr. 28.405	0700	1300	1900	
R. H. 55 %	24 hr. Mov. 230	Sea L. 29.785	Clds. 4/100 4/105 3/100	Clds.	Clds.	
Ppn. Liq. .04 in.	Prev. Dir. WSW	3 hr. Tend. +01.01	Wx —	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 8	Vis.	Vis.	

NOV 24 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 28 °F	Dir. WSW	Temp. 62	SW--B0715E MAX WIND Gust 36 MPH AT 1548E			
Min. 14 °F	Vel. +RB 18 m.p.h.	Read. 28.660				
Set 16 °F	Char. Gusty	Corr. 28.560	BPG			
R. H. 61 %	24 hr. Mov. 363	Sea L. 30.015	0700 Clds. 3/10A 1/10SC	1300 Clds.	1900 Clds.	
Ppn. T	Liq. in.	Prev. Dir. WSW	3 hr. Tend. +02.01	Wx —	Wx	Wx
Ppn. T	Sol. in.	Snow Depth 0 in.	Observer OK	Vis. 8	Vis.	Vis.

NOV 25 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. WSW	Temp. 63			
Min.	15 °F	Vel. 7 m.p.h.	Read. 29.040			
Set	16 °F	Char. Stdy	Corr. 28.935			
R. H.	79 %	24 hr. Mov. 265	Sea L. 30.400	0700 Clds. 4/10c	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. WSW	3 hr. Tend. +02.4'	Wx —	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 0 in.	Observer DK	Vis. 10	Vis.	Vis.

NOV 26 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	30 °F	Dir.	SSW	Temp.	63	L- 2110 E		
Min.	12 °F	Vel.	4 m.p.h.	Read.	28.960			
Set	28 °F	Char.	STdy	Corr.	28.857	DP 12'		
R. H.	49 %	24 hr. Mov.	99	Sea L.	30.247	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	0.5 ↓	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	— in.	Observer	JTM	Wx	Wx	Wx
				Observer	JTM	Vis.	Vis.	Vis.
						9		

NOV 27 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. SW	Temp. 64			
Min.	27 °F	Vel. 2 m.p.h.	Read. 28.900			
Set	37 °F	Char. L+V	Corr. 28.795			
R. H.	60 %	24 hr. Mov. 57	Sea L. 30.190	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +00.3'	Clds. None	Clds.	Clds.
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DK	Wx —	Wx	Wx
				Vis. 10	Vis.	Vis.

NOV 28 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	46 °F	Dir. WNN	Temp. 69	RW -- 0730 E RW - 0745 E WNO SHFT 1720 E		
Min.	37 °F	Vel. 2 m.p.h.	Read. 28.910			
Set	43 °F	Char. Lgt + Var	Corr. 28.792	DP 31°		
R. H.	61 %	24 hr. Mov. 35	Sea L. 30.212	Clds. 10/10 Ac	0700	1300
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. 0.3 -	Wx HAZE	1900	
Ppn.	- in.	Snow Depth -	Observer JTM	Vis. 8		

NOV 29 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. ENE	Temp. 69	R 1630 E APPROX TRW 1950 E		
Min.	38 °F	Vel. 1 m.p.h.	Read. 29.040			
Set	39 °F	Char. L+V	Corr. 28.921	DP. 36		
				0700	1300	1900
R. H.	88 %	24 hr. Mov. 102	Sea L. 30.341	Clds. 10/10 Sc	Clds.	Clds.
Ppn.	0.01 in.	Prev. Dir. NE	3 hr. Tend. -0.4	Wx FOG	Wx	Wx
Ppn.	0 in.	Snow Depth — in.	Observer J.T.M.	Vis. 6	Vis.	Vis.

NOV 30 1970

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. W	Temp. 69			
Min.	38 °F	Vel. 3 m.p.h.	Read. 28.915			
Set	46 °F	Char. LxV	Corr. 28.795			
R. H.	70 %	24 hr. Mov. 68	Sea L. 30.150	0700 Clds. 7/10sc 1/10bc	1300 Clds.	1900 Clds.
Ppn. Liq.	.58 in.	Prev. Dir. S	3 hr. Tend. +02.3'	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 10	Vis.	Vis.