

AUG 01 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88 °F	Dir. SW	Temp. 70	AW - B 1310E EN36E		
Min.	69 °F	Vel. 3 m.p.h.	Read. 28.650			
Set	71 °F	Char. LIGHT	Corr. 28.530	DP 69		
R. H.	92 %	24 hr. Mov. 110	Sea L. 29.825	0700	1300	1900
Ppn.	Liq. 0.03 in.	Prev. Dir. SW	3 hr. Tend. 4.55	Clds. 10/10 ST	Clds.	Clds.
	Sol. 0 in.	Snow Depth 0 in.	Observer HAJ	Wx FOG	Wx	Wx
				Vis. 3/4	Vis.	Vis.

AUG 02 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SW	Temp. 71			
Min.	65 °F	Vel. 6 m.p.h.	Read. 28.650			
Set	70 °F	Char. LIGHT	Corr. 28.530	D.P. 66		
R. H.	88 %	24 hr. Mov. 103	Sea L. 29.825	0700 Clds. 5/10ST 4/10A	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. WSW	3 hr. Tend. +0.85	Wx GF	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JPL	Vis. 1/2	Vis.	Vis.

AUG 03 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. 55W	Temp. 69°	R-- RB 1424E RE 1430E		
Min.	60 °F	Vel. 5 m.p.h.	Read. 28.680			
Set	66 °F	Char. 5TDY	Corr. 28.560			
R. H.	79 %	24 hr. Mov. 141	Sea L. 29.865	D.P. 59		
Ppn. Liq.	0 in.	Prev. Dir. 5W	3 hr. Tend. -0.2 ✓	0700	1300	1900
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer DPX	Clds. 4/10 AS 2/10 SC 2/10 ci	Clds.	Clds.
				Wx	Wx	Wx
				Vis. 10	Vis.	Vis.

AUG 04 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. NW	Temp. 71	RW @ 2015E			
Min. 55 °F	Vel. 5 m.p.h.	Read. 28.660				
Set 59 °F	Char. LIGHT	Corr. 28.735	DPSS			
R. H. 86 %	24 hr. Mov. 153	Sea L. 30.051	0700 Clds. 4/10 Ci 1/10 Cu	1300 Clds.	1900 Clds.	
Ppn. Liq. 20.07 in.	Prev. Dir. SW	3 hr. Tend. +2.5 /	Wx PTLY CLDY	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer WJF	Vis. 15+	Vis.	Vis.	

AUG 05 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. CALM	Temp. 69			
Min.	55 °F	Vel. 0 m.p.h.	Read. 28.880			
Set	60 °F	Char. L & V	Corr. 28.760	D.P. 54		
R. H.	80 %	24 hr. Mov. 70	Sea L. 30.085	0700	1300	1900
Ppn.	0 in.	Prev. Dir. NNW	3 hr. Tend. 10.55	Clds. 3/10 S 2/10 A	Clds.	Clds.
Ppn.	0 in.	Snow Depth 0 in.	Observer Hal	Wx —	Wx	Wx
				Vis. 8	Vis.	Vis.

AUG 06 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F		Dir. CALM	Temp. 68			
Min. 58 °F		Vel. 0 m.p.h.	Read. 28.800			
Set 61 °F		Char. L & V	Corr. 28.785	D.P. 58		
				0700	1300	1900
R. H. 90 %		24 hr. Mov. 55	Sea L. 30.110	Clds. 5/10 ST 3/10 Sc	Clds.	Clds.
Ppn. 0	Liq. in.	Prev. Dir. E	3 hr. Tend. 11.4	Wx GF	Wx	Wx
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer HPJ	Vis. 1	Vis.	Vis.

AUG 07 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs		
Max.	81 °F	Dir. CALM	Temp. 68	TRW B 1805E E 1925E		
Min.	59 °F	Vel. 0 m.p.h.	Read. 28.882			
Set	62 °F	Char. L9V	Corr. 28.767	D.P. 58		
R. H.	89 %	24 hr. Mov. 31	Sea L. 30.085	0700 Clds. 6/10 ST/10 H	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. ESE	3 hr. Tend. 10.8 ✓	Wx FOG	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer HPL	Vis. 1/4	Vis.	Vis.

AUG 08 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. NNE	Temp. 66			
Min.	60 °F	Vel. 3 m.p.h.	Read. 28.832			
Set	61 °F	Char. LIGHT	Corr. 28.722	A.P. 60		
R. H.	97 %	24 hr. Mov. 51	Sea L. 30.040	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds. 10/10 Fog OBSCURED	Clds.	Clds.
0.31	in.	ENE	10.8	Wx Fog	Wx	Wx
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	HPL	98		



AUG 09 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	83 °F	Dir.	NE	Temp.	RW-- B1355E E 1405E		
Min.	60 °F	Vel.	5 m.p.h.	Read.	28.840		
Set	65 °F	Char.	L4V	Corr.	D.P. 62		
R. H.	90 %	24 hr. Mov.	94	Sea L.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	ENE	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	Wx	Wx	Wx
					4/10 ST		
					F06		
					Vis.	Vis.	Vis.
					1/2		

AUG 10 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	78 °F	Dir.	CALM	Temp.			
				67			
Min.	62 °F	Vel.	0 m.p.h.	Read.			
				<del>28.74</del>			
Set	63 °F	Char.	L & V	Corr.	DP62		
				<del>770</del>	0700	1300	1900
R. H.	97 %	24 hr. Mov.	68	Sea L.	Clds.	Clds.	Clds.
				30.085	19/105T		
Ppn.	T in.	Prev. Dir.	ESE	3 hr. Tend.	Wx	Wx	Wx
				4.0/	FOG		
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				HPL	1/8		

AUG 11 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. NE	Temp. 74			
Min.	58 °F	Vel. 1 m.p.h.	Read. 28.830			
Set	63 °F	Char. LIGHT	Corr. 28.700	DI 59		
R. H.	89 %	24 hr. Mov. 81	Sea L. 30.006	0700 Clds. No. 57	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. E	3 hr. Tend. +0.3 -	Wx FOG	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer DRS	Vis. 1	Vis.	Vis.

AUG 12 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	RW B 1500E RW - B 1515E			
83 °F	SW	74				
Min.	Vel.	Read.	D.P. 61			
60 °F	3 m.p.h.	28.780				
Set	Char.	Corr.	0700	1300	1900	
66 °F	LIGHT	28.650	Clds.	Clds.	Clds.	
R. H.	24 hr. Mov.	Sea L.	CLEAR			
83 %	91	29.955				
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	0 in.	NE 12 1/2 WSW 12	10.8 ✓	HRCR		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	0 in.	0 in.	HPL	6		

AUG 13 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. WSW	Temp. 70			
Min.	61 °F	Vel. 1 m.p.h.	Read. 28.770			
Set	64 °F	Char. LIGHT	Corr. 28.650	DP 60		
R. H.	87 %	24 hr. Mov. 74	Sea L. 29.956	0700	1300	1900
				Clds. Ci 7/10 Ac 7/10 St 5/10	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +2.0 ✓	Wx FOG	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DPK	Vis. 4	Vis.	Vis.

AUG 1 4 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp.					
87 °F	CALM	72					
Min.	Vel.	Read.					
61 °F	0 m.p.h.	28.860					
Set	Char.	Corr.					
65 °F	L+V	28.735	DP60				
			0700	1300	1900		
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
84 %	40	30.050	CLEAR				
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
0 in.	NE	+1.81	GF HAZE				
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0 in.	0 in.	HPL	3/4				

Meteorological Observatory  
University Park, Pa.

0700 EST

Temp.		Dir.		Barom.		General Obs.		
Max.	88 °F	Dir.	CALM	Temp.	71			
Min.	63 °F	Vel.	0 m.p.h.	Read.	28.990			
Set	67 °F	Char.	L & V	Corr.	28.865	DP 63		
R. H.	89 %	24 hr. Mov.	49	Sea L.	30.180	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	4.5 /	Clds.	Clds.	Clds.
						Wx	Wx	Wx
						HAZE		
						G.F.		
Ppn.	0 in.	Snow Depth	0 in.	Observer	HPL	Vis.	Vis.	Vis.
						1 1/2		

Meteorological Observatory  
University Park, Pa.  
General Obs.

0700 EST

AUG 1 8 1970

Wind		Barom.		RW--B18N7E RW--B18O6E		
Max.	Dir.	Temp.				
90 °F	CALM	72				
Min.	Vel.	Read.				
65 °F	0 m.p.h.	28.930				
Set	Char.	Corr.	DP 63			
68 °F	L9V	28.805	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
84 %	59	30.125	CLEAR			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0 in.	SSW	-0.1 V	HAZE O.F.			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	HPL	2			



AUG 17 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
88 °F	WSW	70				
Min.	Vel.	Read.				
68 °F	5 m.p.h.	28.830				
Set	Char.	Corr.				
71 °F	STOY	28.710				
				DP 65		
				0700	1300	1900
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
80 %	121	30.005	7/10 Sc 1/10 C 3/10 A			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T	in.	SW	H.0 /	HAZE		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	HPL	5		

AUG 18 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SW	Temp. 80			
Min.	55 °F	Vel. 3 m.p.h.	Read. 28.940			
Set	60 °F	Char. L+V	Corr. 28.790	0700	1300	1900
R. H.	69 %	24 hr. Mov. 104	Sea L. 30.106	Clds. 1/10 ci	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. +0.31	Wx —	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer DK	Vis. 15	Vis.	Vis.

AUG 19 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. —	Temp. 70		RW--B1053E RW-B1053E TRW--B1155E RW B 1200E RW+B1203E RW B 1235E TRW-B1247E		
Min. 60 °F	Vel. 0 m.p.h.	Read. 28.855				
Set 64 °F	Char. CALM	Corr. 28.735		0700	1300	1900
R. H. 81 %	24 hr. Mov. 92	Sea L. 30.046		Clds. 3/10ci Thin	Clds.	Clds.
Ppn. 0 in.	Prev. Dir. S	3 hr. Tend. +00.1A		Wx BR Fog HAZE	Wx	Wx
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 4	Vis.	Vis.

AUG 20 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F		Dir. SW	Temp. 77	RW--B1050E RW--B1304E Cold FRPA #1 0210E (8-21) T/L B2300E		
Min. 64 °F		Vel. 2 m.p.h.	Read. 28.740			
Set 66 °F		Char. Light	Corr. 28.600	0700	1300	1900
R. H. 96 %		24 hr. Mov. 77	Sea L. 29.911	Clds. Spoke 110cc	Clds.	Clds.
Ppn. Liq. .80 in.		Prev. Dir. S	3 hr. Tend. -00.2	Wx Gr Fog	Wx	Wx
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer DK	Vis. H	Vis.	Vis.

AUG 21 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. N	Temp. 79			
Min.	62 °F	Vel. 2 m.p.h.	Read. 28.800			
Set	64 °F	Char. Stdy	Corr. 28.655			
R. H.	59 %	24 hr. Mov. 99	Sea L. 29.966	0700 CLEAR	1300	1900
Ppn.	T in.	Prev. Dir. SW	3 hr. Tend. +02.1'	Wx —	Wx	Wx
Ppn.	0 in.	Sol.	Snow Depth 0 in.	Observer OK	Vis. 15+	Vis.

AUG 22 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.		RW 82140E				
77 °F	ENE	69						
Min.	Vel.	Read.		DP 52				
50 °F	2 m.p.h.	28.830						
Set	Char.	Corr.		0700      1300      1900				
55 °F	L2V	28.710						
R. H.	24 hr. Mov.	Sea L.		Clds.	Clds.	Clds.		
88 %	99	30.045		7/10, 4/10 ci				
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
0	in.	NNW	10.3 /	HAZE				
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0	in.	0 in.	HIL	5				

AUG 23 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
78 °F	SW	68				
Min.	Vel.	Read.				
55 °F	6 m.p.h.	28.460				
Set	Char.	Corr.				
69 °F	STDY	28.345	DP. 68			
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
92 %	142	29.640	Clds. 10/10 ST	Clds.	Clds.	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
.81 in.	SSW	-0.2 L	6F HAZE			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	HPL	2			

AUG 24 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F		Dir. —	Temp. 72			
Min. 57 °F		Vel. 0 m.p.h.	Read. 28.600			
Set 60 °F		Char. CA/M	Corr. 28.475			
R. H. 90 %		24 hr. Mov. 106	Sea L. 29.786	0700 Clds. 3/10 SC 4/10 TC	1300 Clds.	1900 Clds.
Ppn. 0 in.	Liq.	Prev. Dir. W	3 hr. Tend. +01.81	Wx Haze FOG	Wx	Wx
Ppn. 0 in.	Sol.	Snow Depth 0 in.	Observer BK	Vis. 4	Vis.	Vis.



AUG 25 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. SW	Temp. 73			
Min.	55 °F	Vel. 3 m.p.h.	Read. 28.855			
Set	58 °F	Char. L+V	Corr. 28.725			
R. H.	96 %	24 hr. Mov. 73	Sea L. 30.051	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +01.01	Wx FOG HAZE	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DK	Vis. 5	Vis.	Vis.

AUG 26 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. —	Temp. 71			
Min.	56 °F	Vel. 0 m.p.h.	Read. 28.895			
Set	59 °F	Char. CALM	Corr. 28.770	METS		
R. H.	86 %	24 hr. Mov. 34	Sea L. 30.035	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. SE	3 hr. Tend. +00.5'	Wx GR. FOG	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer OK	Vis. 5	Vis.	Vis.

AUG 27 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. SW	Temp. 71			
Mln.	59 °F	Vel. 5 m.p.h.	Read. 28.855			
Set	66 °F	Char. Stdy	Corr. 28.730			
R. H.	80 %	24 hr. Mov. 63	Sea L. 30.041	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. +01.3'	Wx HAZE FOG	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer DK	Vis. 5	Vis.	Vis.

AUG 28 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SW	Temp. 70			
Min.	65 °F	Vel. 5 m.p.h.	Read. 28.890			
Set	69 °F	Char. Stdy	Corr. 28.770	MLR		
R. H.	80 %	24 hr. Mov. 107	Sea L. 30.076	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. +00.71	Wx Haze Fog	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 4	Vis.	Vis.

AUG 29 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.	TULBTONUNATBORRE RW--02350E TANB0020E(0-30)					
85 °F	WSW	69						
Min.	Vel.	Read.						
69 °F	2 m.p.h.	28.850	Set	Char.	Corr.	D.P. 62		
70 °F	LIGHT	28.730				0700	1300	1900
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
76 %	205	30.035	3/10 ST A <sup>10</sup>					
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
0	in.	SW	H-U	HAZE				
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0	in.	0 in.	HPL	3				

Meteorological Observatory  
University Park, Pa.

AUG 30 1970

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	RWE 0733 E MAX WIND 85°F 40 MPH AT 2036 TRWB 2023E E 2052E TRWT B 2121E E 2131E COLD FRONT AT D.P. 62.6 0015E (8-81)			
85 °F	CALM	67				
Min.	Vel.	Read.				
61 °F	0 m.p.h.	28.870	0700	1300	1900	
Set	Char.	Corr.	Clds.	Clds.	Clds.	
63 °F	L9V	28.755	8/10 C F 10/6			
R. H.	24 hr. Mov.	Sea L.	Wx	Wx	Wx	
98 %	118	30.070	Wx LOCAL L TO ILL			
Ppn.	Liq.	3 hr. Tend.	RW F06			
0.51 in.	SSW	-0.3 ↑	Vis.	Vis.	Vis.	
Ppn.	Sol.	Snow Depth	3/4			
0 in.	0 in.	Observer	HPL			

AUG 31 1970

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. W	Temp. 76			
Min.	62 °F	Vel. 5 m.p.h.	Read. 28.860			
Set	64 °F	Char. Stdy	Corr. 28.725	0256		
R. H.	75 %	24 hr. Mov. 143	Sea L. 30.036	0700 Clds. 3/1000 4/1000	1300 Clds.	1900 Clds.
Ppn. Lq.	1.00 in.	Prev. Dir. SW	3 hr. Tend. +03.2'	Wx —	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK	Vis. 12	Vis.	Vis.