

Meteorological Observatory
 State College, Pa.
 General Obs.

APR 1 1953

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	.. 0430 - 1000 • 1130 - 1400 • 1530 - 1900 • 2000 - 2100 •• 2230 - 2400			
61 ° F	Calm	72				
Min.	Vel.	Read.				
36 ° F	Calm m.p.h.	28.64				
Set	Char.	Corr.				
42 ° F	Calm	28.51	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
92 %	80	29.79	10 Ms	10 Ms	10 St	
Ppn. Ldq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	N	+00	••	•		
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	CAW	6	5	7	

45

APR 2 1953 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	• 0000 - 0630 0730 - 0900			
50 ° F	N	72				
Min.	Vel.	Read.				
42 ° F	4 m.p.h.	28.60				
Set	Char.	Corr.				
46 ° F	Steady	28.47				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
96 %	56	29.75	Clds.	Clds.	Clds.	
			10ScWFc	10ScCg	3Cu	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.42 in.	N	+30	≡			
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
- in.	- in.	CAW	7	12	15	

45

APR 3 1953

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	57 ° F	Dir. Calm	Temp. 67	L'		
Min.	33 ° F	Vel. Calm m.p.h.	Read. 28.86			
Set	37 ° F	Char. Calm	Corr. 28.75			
R. H.	86 %	24 hr. Mov. 54	Sea L. 30.04	0700 Clds. Clear	1300 Clds. 5C,	1900 Clds. 5C,
Ppn.	Liq. T in.	Prev. Dir. N	3 hr. Tend. +15	Wx ∞	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer CAW	Vis. 12	Vis. 15+	Vis. 15+

40

APR 4 1953

0700 EST

State Co. General Obs.

0715 - 1000

Temp.		Wind		Barom.			
Max.	60 ° F	Dir.	S	Temp.	72		
Min.	37 ° F	Vel.	4 m.p.h.	Read.	28.71		
Set	51 ° F	Char.	Steady	Corr.	28.58	0700	1300
R. H.	68 %	24 hr. Mov.	95	Sea L.	29.85	Clds.	10 Sc
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	+05	Wx	∞
Ppn.	— in.	Grnd. Cur.	— in.	Observer	CAW	Vis.	12
						1300	1900
						Clds.	8 Cu Sc
						Wx	3 Cu
						Vis.	15+

50

0700 EST

APR 5 1953

Temp.		Wind	Barom.			
Max.	54° F	Dir. S	Temp. 73			
Min.	35° F	Vel. 5 m.p.h.	Read. 28.81			
Set	40° F	Char. Steady	Corr. 28.68	0700	1300	1900
R. H.	72 %	24 hr. Mov. 123	Sea L. 29.97	Clds. 6 AC	Clds. 8 Cu	Clds. 4 Cu
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +10	Wx	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer CAW	Vis. 15+	Vis. 15+	Vis. 15+

40

APR 6 1953

0700 EST

State College, Tenn.
General Obs.

Temp.		Wind		Barom.		9 0530 - 0715 • 0830 - 2400		
Max.	52 ° F	Dir.	Calm	Temp.	72			
Min.	36 ° F	Vel.	Calm m.p.h.	Read.	28.81			
Set	39 ° F	Char.	Calm	Corr.	28.68	0700	1300	1900
R. H.	78 %	24 hr. Mov.	104	Sea L.	29.98	Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+00^	10 ST Ms	10 ST	10 Ms
		Grnd. Cur.	— in.	Observer	CAW	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						12	12	8

38

APR 7 1953

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	0000 - 0630 °		
Max.	48 ° F	Dir. NE	Temp. 71	0630 - 0930 °		
Min.	38 ° F	Vel. 3 m.p.h.	Read. 28.47			
Set	44 ° F	Char. Variable	Corr. 28.35	0700	1300	1900
R. H.	100 %	24 hr. Mov. 070	Sea L. 29.63	Clds. 10st	Clds. 10st	Clds. 10sc
Ppn. Liq.	0.43 in.	Prev. Dir. N	3 hr. Tend. +03	Wx 33 ≡	Wx	Wx
Ppn. Sol.	in.	Grnd. Cur. in.	Observer C.P.N.	Vis. 1/4	Vis. 8	Vis. 10

0700 EST

APR 9 1953

Temp.		Wind	Barom.	0315-0630 \bar{v}		
Max.	59 ° F	Dir. N	Temp. 72			
Min.	39 ° F	Vel. 4 m.p.h.	Read. 28.79			
Set	43 ° F	Char. Steady	Corr. 28.67	0700	1300	1900
R. H.	100 %	24 hr. Mov. 080	Sea L. 29.95	Clds. 6A. 2cb	Clds. 2c	Clds. 5Cs
Ppn. Liq.	0.09 in.	Prev. Dir. NE	3 hr. Tend. -0.12	Wx 3	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 8	Vis. 20	Vis. 20

APR 11 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. WSW	Temp. 74			
Min.	45 °F	Vel. 10 m.p.h.	Read. 28.66			
Set	45 °F	Char. Gusty	Corr. 28.53			
R. H.	60 %	24 hr. Mov. 255	Sea L. 29.81	0700 Clds. 6 Cu	1300 Clds. 2 Sc	1900 Clds. 1 Sc
Ppn. Liq.	.01 in.	Prev. Dir. SW	3 hr. Tend. +34	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 20	Vis. 20	Vis. 20

APR 18 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	46 ° F	Dir. NNE	Temp. 71	1100 - 1500 . °		
Min.	41 ° F	Vel. 3 m.p.h.	Read. 28.37			
Set	42 ° F	Char. Variable	Corr. 28.25	0700	1300	1900
R. H.	95 %	24 hr. Mov. 093	Sea L. 29.54	Clds. 10st	Clds. 10As	Clds. 8AsCs
Ppn. Liq.	0.05 in.	Prev. Dir. NNE	3 hr. Tend. +00m	Wx	Wx .	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer B.P.H.	Vis. 5	Vis. 20	Vis. 20

APR 14 1953

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.	0330 - 0630 ⚡		
Max.	41 ° F	Dir. NW	Temp. 71			
Min.	31 ° F	Vel. 15 m.p.h.	Read. 28.67			
Set	32 ° F	Char. Gusty	Corr. 28.55			
R. H.	64 %	24 hr. Mov. 180	Sea L. 29.86	0700 Clds. 3 Cu	1300 Clds. 5 Cu	1900 Clds. Clear
Ppn. Liq.	.06 in.	Prev. Dir. NNW	3 hr. Tend. +27	Wx ⚡	Wx	Wx
Ppn. Sol.	0.2 in.	Grnd. Cur. 0.1 in.	Observer GPH.	Vis. 25	Vis. 15+	Vis. 15+

APR 15 1953 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	47 ° F	Dir. S	Temp. 71	☉ 0700-1800		
Min.	31 ° F	Vel. 3 m.p.h.	Read. 28.97			
Set	36 ° F	Char. Steady	Corr. 28.85			
R. H.	50 %	24 hr. Mov. 272	Sea L. 30.16	0700 Clds. 7Cs	1300 Clds. 10CsAc	1900 Clds. 10CsC
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +15	Wx LI	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 15+	Vis. 15+	Vis. 20

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APR 16 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.	0045-0200 \bar{v} ^o 0330-0400 \bar{v} ^o 1130-1830 \bar{v} ^o		
55 ° F		S	73			
Min.		Vel.	Read.			
35 ° F		8 m.p.h.	28.41			
Set		Char.	Corr.	0700	1300	1900
45 ° F		Steady	28.28	Clds.	Clds.	Clds.
R. H.		24 hr. Mov.	Sea L.	4Cu	10Sc	8Sc
68 %		170	29.56	Wx	Wx	Wx
Ppn. Liq.		Prev. Dir.	3 hr. Tend.		V	
0.03 in.		S	-02L			
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
— in.		— in.	GPH.	25	20	20

APR 17 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	46 ° F	Dir. SW	Temp. 65	1500 - 2400 °		
Min.	37 ° F	Vel. 23 m.p.h.	Read. 28.63			
Set	43 ° F	Char. Gusty	Corr. 28.52			
R. H.	48 %	24 hr. Mov. 303	Sea L. 29.80	0700 Clds. 4CsNd.	1300 Clds. 10As	1900 Clds. 10Ns
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. +08 J	Wx	Wx	Wx ..
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPK.	Vis. 25	Vis. 20	Vis. 10

APR 18 1953

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.	0000 - 0645 • 0645 - 0745 * 0745 - 1730 • 1730 - 2400 *		
Max.	51 ° F	Dir. NNE	Temp. 73			
Min.	34 ° F	Vel. 4 m.p.h.	Read. 28.69			
Set	34 ° F	Char. steady	Corr. 28.56	0700	1300	1900
R. H.	99 %	24 hr. Mov. 191	Sea L. 29.85	Clds. 10Ns	Clds. 10Ns	Clds. 10Ns
Ppn. Liq.	0.12 in.	Prev. Dir. SW	3 hr. Tend. +00	Wx * ••	Wx ••	Wx * *
Ppn. Sol.	T in.	Grnd. Cur. — in.	Observer G.P.H.	Vis. 1	Vis. 2	Vis. 2

APR 19 1953

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.	101° 1530 - 2200		
Max.	35 ° F	Dir. SSW	Temp. 68			
Min.	30 ° F	Vel. 1 m.p.h.	Read. 28.71			
Set	30 ° F	Char. variable	Corr. 28.60			
R. H.	85 %	24 hr. Mov. 110	Sea L. 29.91	0700 Clds. 9AsAc	1300 Clds. 8c	1900 Clds. 7c
Ppn.	Liq. 0.71 in.	Prev. Dir. N	3 hr. Tend. +25	Wx	Wx	Wx
Ppn.	Sol. 3.5 in.	Grnd. Cur. 2.0 in.	Observer GPH	Vis. 12	Vis. 25	Vis. 20

APR 20 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 ° F	Dir. SW	Temp. 67	* ▽ 0800-1700		
Min.	28 ° F	Vel. 4 m.p.h.	Read. 28.49			
Set	30 ° F	Char. steady	Corr. 28.38			
R. H.	75 %	24 hr. Mov. 622	Sea L. 29.70	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. -20	Clds. 9 Cu	Clds. 8 Cu	Clds. 6 Cu
Ppn. Sol.	T in.	Grnd. Cur. T in.	Observer GPH	Wx	Wx	Wx
				Vis. 15	Vis. 15	Vis. 20

APR 21 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	17° 0700-0700 18° 0800-1100 - L^o			
39 ° F	SW	63				
Min.	Vel.	Read.				
29 ° F	10 m.p.h.	28.63				
Set	Char.	Corr.				
30 ° F	Gusty	28.53				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
72 %	200	29.85	Clds.	Clds.	Clds.	
			4As, 4C _u	6Sc	clm	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	W	+21 J)*(
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
T in.	— in.	B.H.	15	20	25	

APR 22 1953

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	43 ° F	Dir. SW	Temp. 67	☾ 0630 1200 ☉ ☾ 1500-1700		
Min.	30 ° F	Vel. 4 m.p.h.	Read. 28.82			
Set	38 ° F	Char. steady	Corr. 28.71			
R. H.	62 %	24 hr. Mov. 154	Sea L. 30.00	0700 Clds. 6Cs	1300 Clds. 8 cs den ho	1900 Clds. 4AcCc
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +11 J	Wx	Wx	Wx
Ppn.	Sol. T in.	Grnd. Cur. — in.	Observer GPH.	Vis. 25	Vis. 15+	Vis. 15+

APR 28 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F		Dir. SW	Temp. 70	☉ 0130 - 0300 ☽ 0300 - 0500 • 0500 - 0645		
Min. 38 °F		Vel. 14 m.p.h.	Read. 28.55			
Set 58 °F		Char. Steady	Corr. 28.43			
R. H. 94 %		24 hr. Mov. 201	Sea L. 29.69	0700 Clds. 6 Ci As Cu	1300 Clds. 8 Cs Cu	1900 Clds. 6 Cs Cu
Ppn. Liq. 0.12 in.		Prev. Dir. S	3 hr. Tend. +20	Wx ∞	Wx	Wx
Ppn. Sol. — in.		Grnd. Cur. — in.	Observer CAW	Vis. 8	Vis. 15+	Vis. 15+

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APR 24 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 ° F	Dir. N	Temp. 72	9 2045-2200		
Min.	45 ° F	Vel. 8 m.p.h.	Read. 28.91			
Set	48 ° F	Char. Steady	Corr. 28.78			
R. H.	50 %	24 hr. Mov. 243	Sea L. 30.05	0700 Clds. 7 c c c s	1300 Clds. 10 As Fc	1900 Clds. 6 Cu Ac
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +25^	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 20+	Vis. 15+	Vis. 15+

50

APR 25 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	☉ 0000-0030 ☉ 1200-1400 • 1745-2400			
63 ° F	SE	72				
Min.	Vel.	Read.				
48 ° F	4 m.p.h.	28.73				
Set	Char.	Corr.				
56 ° F	Steady	28.60				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
46 %	77	29.86	Clds.	Clds.	Clds.	
			5Cu	9CuNs	10Ns	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	S	-05		☉☉	••	
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	CAW	20+	7	3	

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APR 26 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. Calm	Temp. 78	•• 0000 - 0330 B 1235 - 1600 •• 2030 - 2400		
Min.	56 ° F	Vel. Calm m.p.h.	Read. 28.55			
Set	61 ° F	Char. Calm	Corr. 28.41			
R. H.	100 %	24 hr. Mov. 108	Sea L. 29.80	0700 Clds. 10 Cg Sc Fc	1300 Clds. 10 Cb Cg Cu	1900 Clds. 10 Cb Cg Fc
Ppn. Liq.	0.32 in.	Prev. Dir. S	3 hr. Tend. +00	Wx (≡)	Wx ∇	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 4	Vis. 3	Vis. 4

58

APR 27 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 72 ° F	Dir. SW	Temp. 76	191 1730-2000			
Min. 42 ° F	Vel. 16 m.p.h.	Read. 28.54				
Set 42 ° F	Char. Steady	Corr. 28.40				
R. H. 88 %	24 hr. Mov. 159	Sea L. 29.68	0700 Clds. 10 Sc	1300 Clds. 10 Sc Cu Cg Fc	1900 Clds. 10 Sc Cu Cg Fc	
Ppn. Liq. 0.32 in.	Prev. Dir. S	3 hr. Tend. +05 ✓	Wx (≡)	Wx)•(Wx •	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer CAW	Vis. 6	Vis. 7	Vis. 7	

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APR 28 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	47 ° F	Dir. SW	Temp. 70			
Min.	39 ° F	Vel. 10 m.p.h.	Read. 28.73			
Set	40 ° F	Char. Steady	Corr. 28.61			
R. H.	74 %	24 hr. Mov. 272	Sea L. 29.90	0700 Clds. 10 Sc	1300 Clds. 6 Cu	1900 Clds. 5 Cu
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. +20	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 9	Vis. 15+	Vis. 15+

40

APR 29 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52 ° F	Dir. SW	Temp. 72	• 0430 - 0600		
Min.	39 ° F	Vel. 6 m.p.h.	Read. 28.91			
Set	40 ° F	Char. Stbdy	Corr. 28.78			
R. H.	80 %	24 hr. Mov. 250	Sea L. 30.07	0700 Clds. 10 Sc	1300 Clds. 5AcCu	1900 Clds. 9CsAc
Ppn. Liq.	0.01 in.	Prev. Dir. SW	3 hr. Tend. +15	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAN	Vis. 15+	Vis. 15+	Vis. 15+

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APR 30 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 63 ° F		Dir. NE	Temp. 75	0830 ☉ in neb 9 1430 - 1830 .. 1830 - 2100 9 2100 - 2200		
Min. 40 ° F		Vel. 6 m.p.h.	Read. 28.84			
Set 51 ° F		Char. Steady	Corr. 28.71			
R. H. 58 %		24 hr. M. 80	Sea L. 29.98	0700 Clds. Clear	1300 Clds. 10AsSc	1900 Clds. 10A=Ns
Ppn. Liq. — in.		Prev. Dir. S	3 hr. Tend. +00	Wx	Wx	Wx ..
Ppn. Sol. — in.		Grnd. Cur. — in.	Observer CAW	Vis. 15+	Vis. 15+	Vis. 3

48