

SEP 1 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	95 ° F	Dir. Calm	Temp. 78			
Min.	67 ° F	Vel. Calm m.p.h.	Read. 29.02			
Set	72 ° F	Char. Calm	Corr. 28.88			
R. H.	88 %	24 hr. Mov. 80	Sea L. 30.10	0700 Clds. 3 Ac	1300 Clds. 4 Cu	1900 Clds. 6 Ac As
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +15	Wx ∞	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 10	Vis. 15+	Vis. 15+

73

SEP 2 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	95 ° F	Dir. Calm	Temp. 81			
Min.	70 ° F	Vel. Calm m.p.h.	Read. 28.94			
Set	73 ° F	Char. Calm	Corr. 28.79			
R. H.	94 %	24 hr. Mov. 55	Sea L. 29.99	0700 Clds. 7AcAs	1300 Clds. 5CuCg	1900 Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +05	Wx ∞	Wx ∞	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 5	Vis. 8	Vis. 12

78

SEP 3 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 98 ° F	Dir. Calm	Temp. 82	↙ 1830-2000 ↘ DSI, RI, HAI			
Min. 69 ° F	Vel. Calm m.p.h.	Read. 28.88				
Set 72 ° F	Char. Calm	Corr. 28.73				
R. H. 92 %	24 hr. Mov. 47	Sea L. 29.94	0700 Clds. 7AcAs	1300 Clds. 3Cu	1900 Clds. Clear	
Ppn. Liq. — in.	Prev. Dir. SW	3 hr. Tend. +10	Wx ∞	Wx ∞	Wx ∞	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer CAW	Vis. 7	Vis. 12	Vis. 12	

75

SEP 4 1953

0700 EST


Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 97 ° F		Dir. Calm	Temp. 86	1710 <sup>circumzenital</sup> o arc		
Min. 71 ° F		Vel. Calm m.p.h.	Read. 28.89	B 2105-2140 • 2140-2300		
Set 76 ° F		Char. Calm	Corr. 28.73			
R. H. 91 %		24 hr. Mov. 90	Sea L. 29.93	0700 Clds. 4As Ac	1300 Clds. 5Cu Cg	1900 Clds. 9Sc Cg
Ppn. Liq. — in.		Prev. Dir. SE	3 hr. Tend. +10	Wx ∞	Wx ∞	Wx ∞
Ppn. Sol. — in.		Grnd. Cur. — in.	Observer CAW	Vis. 10	Vis. 10	Vis. 10

80

SEP 5 1953

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 90 ° F	Dir. SE		Temp. 81	☽ 0000 - 0100 ☽ 1030 - 1400 ☽ 1530 - 1900  1830-1900 Spectacular		
Min. 68 ° F	Vel. 8 m.p.h.		Read. 28.76			
Set 75 ° F	Char. Steady		Corr. 28.61			
R. H. 82 %	24 hr. Mov. 182	Sea L. 29.82		0700 Clds. Fc 9CuCg	1300 Clds. Cg 10CuCb	1900 Clds. Cg 10CuCb
Ppn. Liq. 0.59 in.	Prev. Dir. SE	3 hr. Tend. +00		Wx	Wx ☽	Wx ☽
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer CAW		Vis. 12	Vis. 4	Vis. 3

75

SEP 6 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 ° F	Dir. NW	Temp. 72	• 0710-0900 • 1100-1200 • 1300-1500		
Min.	57 ° F	Vel. 3 m.p.h.	Read. 28.91	( ) 183,		
Set	59 ° F	Char. Steady	Corr. 28.78	0700	1300	1900
R. H.	92 %	24 hr. Mov. 88	Sea L. 30.03	Clds. 10 Sc	Clds. Ns 10 Cu Cg	Clds. 8 Cu Sc
Ppn. Liq.	0.57 in.	Prev. Dir. NW	3 hr. Tend. +00	Wx ≡	Wx •	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 4	Vis. 5	Vis. 9

60

SEP 7 1953

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	63 ° F	Dir. SW	Temp. 69			
Min.	49 ° F	Vel. 4 m.p.h.	Read. 28.81			
Set	52 ° F	Char. Steady	Corr. 28.69	0700	1300	1900
R. H.	98 %	24 hr. Mov. 77	Sea L. 29.95	Clds. 3 Ac	Clds. 5 Cu	Clds. 4 Cu
Ppn. Liq.	0.01 in.	Prev. Dir. NE	3 hr. Tend. +05	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 10+	Vis. 20	Vis. 20

56

SEP 8 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. Calm	Temp. 77			
Min.	51 ° F	Vel. — m.p.h.	Read. 29.07			
Set	53 ° F	Char. —	Corr. 28.93			
R. H.	90 %	24 hr. Mov. 110	Sea L. 30.19	0700 Clds. Clear	1300 Clds. 8CuCg	1900 Clds. 4Sc
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +27	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 25	Vis. 15+	Vis. 15+



SEP 9 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 ° F	Dir. Calm	Temp. 76			
Min.	47 ° F	Vel. Calm m.p.h.	Read. 29.25			
Set	51 ° F	Char. Calm	Corr. 29.11			
R. H.	86 %	24 hr. Mov. 97	Sea L. 30.36	0700 Clds. Clear	1300 Clds. 1 Cu	1900 Clds. 2 Cu
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +25	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 15	Vis. 15+	Vis. 15+

57

SEP 10 1953

0700 EST

Meteorological Observing  
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	73 ° F	Dir. Calm	Temp. 73			
Min.	45 ° F	Vel. Calm m.p.h.	Read. 29.21			
Set	50 ° F	Char. Calm	Corr. 29.08	0700	1300	1900
R. H.	92 %	24 hr. Mov. 42	Sea L. 30.35	Clds. Clear	Clds. c/cu	Clds. 1Cu
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +00	Wx (≡)	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 8	Vis. 15+	Vis. 15+

52

SEP 11 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 ° F	Dir. Calm	Temp. 71			
Min.	49 ° F	Vel. Calm m.p.h.	Read. 29.01			
Set	53 ° F	Char. Calm	Corr. 28.89			
R. H.	90 %	24 hr. Mov. 38	Sea L. 30.15	0700 Clds. Clear	1300 Clds. 8 Cc Cs	1900 Clds. 10 Sc
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. -05	Wx (≡)	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 10	Vis. 15	Vis. 12

56

SEP 12 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 76 ° F		Dir. SW	Temp. 71	• 0230 - 0630 ÷ 0725 - 0745 (R) 0700 • 0745 - 1000 R 1450 - 1800		
Min. 53 ° F		Vel. 8 m.p.h.	Read. 28.66			
Set 60 ° F		Char. Steady	Corr. 28.54	0700	1300	1900
R. H. 98 %		24 hr. Mov. 127	Sea L. 29.77	Clds. Cb 10ScNs	Clds. 6FcCuCg	Clds. Cg 10ScCu
Ppn. Liq. 0.02 in.		Prev. Dir. SW	3 hr. Tend. -15	Wx (-)	Wx	Wx
Ppn. Sol. — in.		Grnd. Cur. — in.	Observer CAW	Vis. 4	Vis. 8	Vis. 8

65

SEP 13 1950

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 ° F	Dir. NW	Temp. 72	GUSTS TO 35 MPH		
Min.	49 ° F	Vel. 15 m.p.h.	Read. 28.69			
Set	49 ° F	Char. GUSTY	Corr. 28.56			
R. H.	72 %	24 hr. Mov. 192	Sea L. 29.82	0700 Clds. 10 Sc	1300 Clds. <sup>FC</sup> 8 Cu Sc	1900 Clds. 9 Sc
Ppn. Liq.	0.28 in.	Prev. Dir. SW	3 hr. Tend. +20	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 15	Vis. 15+	Vis. 15+

56

SEP 14 1953

0700 EST

Meteorological Observatory  
State College, Pa.  
General Obs.

Temp.		Wind	Barom.	• 2130 - 2400		
Max.	54 ° F	Dir. SW	Temp. 68			
Min.	41 ° F	Vel. 3 m.p.h.	Read. 28.85			
Set	45 ° F	Char. Steady	Corr. 28.73			
R. H.	81 %	24 hr. Movt 199	Sea L. 30.01	0700	1300	1900
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +15	Clds. 3Cs	Clds. 8CuAc	Clds. 10ScSt
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer CAW	Wx	Wx	Wx
				Vis. 15+	Vis. 15+	Vis. 15

47

SEP 15 1953

0700 EST

Meteorological Observatory  
State College, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	60 ° F	Dir. Calm	Temp. 70	• 0000 - 0100		
Min.	45 ° F	Vel. Calm m.p.h.	Read. 28.77	<del>          </del>		
Set	50 ° F	Char. Calm	Corr. 28.65	0700	1300	1900
R. H.	96 %	24 hr. Mov. 79	Sea L. 29.91	Clds. 10ScCu	Clds. Clear	Clds. Clear
Ppn. Liq.	0.02 in.	Prev. Dir. SW	3 hr. Tend. -05	Wx ∞	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 10	Vis. 15+	Vis. 15+

53

SEP 16 1953

0700 EST

Meteorological Observatory  
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	74 ° F	Dir. SW	Temp. 73			
Min.	50 ° F	Vel. 3 m.p.h.	Read. 28.71			
Set	58 ° F	Char. Steady	Corr. 28.58	0700	1300	1900
R. H.	74 %	24 hr. Mov. 71	Sea L. 29.83	Clds. Clear	Clds. 6 Cu	Clds. 2 Cu
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +15	Wx (≡)	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 7	Vis. 15+	Vis. 15+

59



SEP 17 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 ° F	Dir. Calm	Temp. 74			
Min.	45 ° F	Vel. Calm m.p.h.	Read. 28.94			
Set	47 ° F	Char. Calm	Corr. 28.81			
R. H.	95 %	24 hr. Mov. 110	Sea L. 30.07	0700 Clds. 3Cs	1300 Clds. 1Cc (Jet)	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +25	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 15+	Vis. 25	Vis. 25

53

SEP 18 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 ° F	Dir. NE	Temp. 76			
Min.	42 ° F	Vel. 1 m.p.h.	Read. 29.08			
Set	44 ° F	Char. Steady	Corr. 28.95			
R. H.	98 %	24 hr. Mov. 068	Sea L. 30.24	0700 Clds. 5Ci	1300 Clds. 3Cc	1900 Clds. 2Ac
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +22	Wx f	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GAD	Vis. 20	Vis. 20	Vis. 15

SEP 19 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 ° F	Dir. S	Temp. 77			
Min.	44 ° F	Vel. 5 m.p.h.	Read. 28.97			
Set	61 ° F	Char. steady	Corr. 28.83			
R. H.	90 %	24 hr. Mov. 103	Sea L. 30.08	0700 Clds. 10st	1300 Clds. 10sc	1900 Clds. 10sc
Ppn. Liq.	- in.	Prev. Dir. W	3 hr. Tend. +02	Wx ?	Wx ∞	Wx ∞
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer GPH	Vis. 2	Vis. 3	Vis. 3

SEP 20 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 ° F	Dir. SW	Temp. 77	0215-0915 2-2 1520-1530 33		
Min.	61 ° F	Vel. 3 m.p.h.	Read. 28.77			
Set	61 ° F	Char. Variable	Corr. 28.63			
R. H.	100 %	24 hr. Mov. SW	Sea L. 29.88	0700	1300	1900
Ppn. Liq.	0.35 in.	Prev. Dir. 150	3 hr. Tend. +03	Clds. 10Ns	Clds. 10st	Clds. 10st
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Wx .	Wx	Wx
				Vis. 1	Vis. 3	Vis. 3

SEP 21 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 ° F	Dir. —	Temp. 76	0330-0600 ☉ 1030-1600 ☽ 1815-1825 ☽		
Min.	58 ° F	Vel. — m.p.h.	Read. 28.69			
Set	60 ° F	Char. Calm	Corr. 28.56			
R. H.	100 %	24 hr. Mov. 095	Sea L. 29.81	0700 Clds. obsc.	1300 Clds. 10sc	1900 Clds. 10sc
Ppn. Liq.	0.20 in.	Prev. Dir. SW	3 hr. Tend. 100	Wx ☉☽☽	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer G.P.H.	Vis. 1/8	Vis. 8	Vis. 20

SEP 22 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 ° F	Dir. NNW	Temp. 75			
Min.	42 ° F	Vel. 8 m.p.h.	Read. 29.04			
Set	46 ° F	Char. steady	Corr. 28.91	0700	1300	1900
R. H.	80 %	24 hr. Mov. 087	Sea L. 30.18	Clds. 1Sc	Clds. 7Cu Cg	Clds. clear
Ppn. Liq.	0.06 in.	Prev. Dir. NW	3 hr. Tend. +25	Wx	Wx	Wx
Ppn. Sol.	<del>0</del> in.	Grnd. Cur. — in.	Observer GPH	Vis. 30	Vis. 20+	Vis. 25

SEP 23 1953

0700 EST

Meteorological Observatory  
State College, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	62 ° F	Dir.	Temp.	[Frosts on cars but not ground]		
	—		75			
Min.	38 ° F	Vel.	Read.			
	—	m.p.h.	29.33			
Set	41 ° F	Char.	Corr.			
	—	calm	29.20	0700	1300	1900
R. H.	100 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
	—	112	30.49	clear	100	clear
Ppn. Liq.	—	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
	in.	NW	+26			
Ppn. Sol.	—	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
	in.	— in.	Clh.	25	25	25

SEP 24 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	62 ° F	Dir. —	Temp. 75			
Mn.	38 ° F	Vel. — m.p.h.	Read. 29.32			
Set	40 ° F	Char. calm	Corr. 29.19	Frog on cars & Roof		
R. H.	92 %	24 hr. Mov. 054	Sea L. 30.49	0700	1300	1900
Ppn.	Liq. — in.	Prev. Dir. NE	3 hr. Tend. +065	Clds. 30:nd	Clds. Clear	Clds. Clear
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GPH	Wx =	Wx	Wx
			Observer	Vis. 14	Vis. 25	Vis. 20



SEP 25 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. N	Temp. 76	☉ 0650 - 1100		
Min.	40 °F	Vel. 1 m.p.h.	Read. 29.14			
Set	48 °F	Char. variable	Corr. 29.00			
R. H.	97 %	24 hr. Mov. 113	Sea L. 29.27	0700 Clds. 10Cs	1300 Clds. 10Cs	1900 Clds. 2 CcC;
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +00	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPA	Vis. 14	Vis. 20	Vis. 20

SEP 26 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 ° F	Dir. SW	Temp. 77	☽ 2100 - 2400		
Min.	48 ° F	Vel. 7 m.p.h.	Read. 28.90			
Set	58 ° F	Char. variable	Corr. 28.76			
R. H.	90 %	24 hr. Mov. 100	Sea L. 30.00	0700 Clds. 10 Sc	1300 Clds. 5 Cu Cg	1900 Clds. 7 Cs
Ppn. Liq.	- in.	Prev. Dir. SW	3 hr. Tend. +04 ✓	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer C.H.	Vis. 12	Vis. 15	Vis. 15

SEP 27 1959

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 ° F	Dir. Calm	Temp. 76	☉ 0000 - 0430 ☾ 0300 -		
Min.	55 ° F	Vel. Calm m.p.h.	Read. 28.73			
Set	57 ° F	Char. Calm	Corr. 28.59			
R. H.	100 %	24 hr. Mov. 80	Sea L. 29.83	0700 Clds. 10ccAs	1300 Clds. Cu 6c:cg	1900 Clds. 7ScCg
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. -10	Wx ☰	Wx ∞	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 1/2	Vis. 12	Vis. 12

61

SEP 28 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 ° F	Dir. Calm	Temp. 75			
Min.	48 ° F	Vel. Calm m.p.h.	Read. 28.82			
Set	50 ° F	Char. Calm	Corr. 28.69			
R. H.	92 %	24 hr. Mov. 97	Sea L. 29.94	0700 Clds. 1 Cu	1300 Clds. 3 Cs	1900 Clds. 3 Cs
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +20	Wx (≡)	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 8	Vis. 15+	Vis. 15+

58

SEP 29 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 ° F	Dir. Calm	Temp. 77			
Min.	50 ° F	Vel. Calm m.p.h.	Read. 28.94			
Set	57 ° F	Char. Calm	Corr. 28.80			
R. H.	70 %	24 hr. Mov. 96	Sea L. 30.05	0700 Clds. Clear	1300 Clds. 4Cs	1900 Clds. 3Ci
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +20	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 15+	Vis. 20+	Vis. 20

60

SEP 30 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88 ° F	Dir. W	Temp. 72			
Min.	55 ° F	Vel. 1 m.p.h.	Read. 28.98			
Set	56 ° F	Char. var.	Corr. 28.86			
R. H.	86 %	24 hr. Mov. 042	Sea L. 30.13	0700 Clds. clear	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +0.81	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer C.P.H.	Vis. 16	Vis. 25	Vis. 25