

AUG 1 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 ° F	Dir. —	Temp. 76			
Min.	64 ° F	Vel. — m.p.h.	Read. 28.97			
Set	66 ° F	Char. Calm	Corr. 28.84			
R. H.	85 %	24 hr. Mov. 115	Sea L. 30.07	0700 Clds. 10 Ac	1300 Clds. 8Ac, 5	1900 Clds. 7Ac
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +03J	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAN	Vis. 25	Vis. 20	Vis. 20



AUG 3 1953

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	77 ° F	Dir.	E	Temp.	81			
Min.	55 ° F	Vel.	4 m.p.h.	Read.	29.07			
Set	55 ° F	Char.	Steady	Corr.	28.92	0700	1300	1900
R. H.	100 %	24 hr. Mov.	121	Sea L.	30.18	Clds.	Clds.	Clds.
Ppn. Liq.	0.31 in.	Prev. Dir.	NE	3 hr. Tend.	+15	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur.	— in.	Observer	GPH	Vis.	Vis.	Vis.
						obsc	5Ac 5Sc	10AcAs
						≡		
						1/16	10	15

AUG 4 1953

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	72 ° F	Dir.	Temp.	1845-1945 3		
Min.	55 ° F	Vel.	Read.	1945-2130 13		
		m.p.h.	28.95	2320-2400 7		
Set	65 ° F	Char.	Corr.	0700	1300	1900
		Calm	28.81	Clds.	Clds.	Clds.
R. H.	93 %	24 hr. Mov.	Sea L.	1054.	105c	105c
		043	30.04	Wx	Wx	Wx
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	∞		∞
		SW	-06L	Vis.	Vis.	Vis.
Ppn. Sol.		Grnd. Cur.	Observer	5	15	8
			6PH			

AUG 5 1953

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.	0000 - 0700 $\bar{v}$ 0915 - 0930 $\bar{v}$ 1445 - 1450 $\bar{v}$		
Max.		Dir.	Temp.			
73 °F		SW	79			
Min.		Vel.	Read.			
65 °F		3 m.p.h.	28.63			
Set		Char.	Corr.			
73 °F		Variable	28.49	0700	1300	1900
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
96 %		126	29.70	8 Sc	5As 5Sc	2 Ci
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.57 in.		SW	403 J			
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
— in.		— in.	6PH.	8	10	20

AUG 6 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. ESE	Temp. 76			
Min.	53 ° F	Vel. 2 m.p.h.	Read. 28.95			
Set	55 ° F	Char. steady	Corr. 28.82			
R. H.	100 %	24 hr. Mov. [30] <sup>EST</sup> <sub>in. H<sub>2</sub>O</sub>	Sea L. 30.06			
Ppn. Liq.	0.06 in.	Prev. Dir. NE	3 hr. Tend. +20	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Vis. 8	Vis. 20	Vis. 20

AUG 7 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 ° F	Dir. ESE	Temp. 79	0700 0710 V 1400-1430 V		
Min.	55 ° F	Vel. 5 m.p.h.	Read. 29.01			
Set	65 ° F	Char. Gusty	Corr. 28.87			
R. H.	82 %	24 hr. Mov. 073	Sea L. 30.10	0700 Clds. 10A <sub>3</sub> Ac	1300 Clds. 10Sc	1900 Clds. 10Sc
Ppn. Liq.	— in.	Prev. Dir. SE	3 hr. Tend. +08	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Vis. 20	Vis. 15	Vis. 15

AUG 8 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 ° F	Dir. SSE	Temp. 78	0150-0215 V 1415-1430 V 1630-2400 V		
Min.	65 ° F	Vel. 3 m.p.h.	Read. 28.85			
Set	67 ° F	Char. Steady	Corr. 28.71			
R. H.	95 %	24 hr. Mov. 103	Sea L. 29.94	0700 Clds. 8CbCb	1300 Clds. 10CbCb	1900 Clds. 10Cb
Ppn. Liq.	0.04 in.	Prev. Dir. S	3 hr. Tend. -04	Wx ≡	Wx	Wx V
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 3	Vis. 3	Vis. 3



AUG 9 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. —	Temp. 78	0000 - 0145 v 0630 - 1630 35 to 1° 2230 - 2400 15		
Min.	62 ° F	Vel. — m.p.h.	Read. 28.76			
Set	63 ° F	Char. calm	Corr. 28.62			
R. H.	100 %	24 hr. Mov. 071	Sea L. 29.85	0700 Clds. 10Ns	1300 Clds. 10Sc	1900 Clds. 10Sc
Ppn. Liq.	0.27 in.	Prev. Dir. S	3 hr. Tend. +04 ✓	Wx 99≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer E.P.H.	Vis. 3	Vis. 10	Vis. 20

AUG 10 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 ° F	Dir. WSW	Temp. 78	0930-1000 ō		
Min.	60 ° F	Vel. 3 m.p.h.	Read. 28.81	1140-1200 ō		
Set	62 ° F	Char. variable	Corr. 28.67	1430-1540 ō		
R. H.	92 %	24 hr. Mov. 060	Sea L. 29.92	0700 Clds. 2sc 1Ac	1300 Clds. 10cb	1900 Clds. clear
Ppn. Liq.	0.02 in.	Prev. Dir. SW	3 hr. Tend. +16	Wx	Wx ō	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer C.P.H.	Vis. 15	Vis. 4	Vis. 20

AUG 11 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. SW	Temp. 78			
Min.	58 ° F	Vel. 2 m.p.h.	Read. 29.07			
Set	63 ° F	Char. variable	Corr. 28.93			
R. H.	85 %	24 hr. Mov. 098	Sea L. 30.17	0700 Clds. clear	1300 Clds. 3 C	1900 Clds. clear
Ppn. Liq.	0.23 in.	Prev. Dir. SW	3 hr. Tend. +20	Wx =	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer CPH.	Vis. 7	Vis. 20	Vis. 20

AUG 12 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 ° F	Dir. NE	Temp. 78			
Min.	59 ° F	Vel. 1 m.p.h.	Read. 29.12			
Set	61 ° F	Char. variable	Corr. 28.98			
R. H.	92 %	24 hr. Mov. 040	Sea L. 30.23	0700 Clds. clear	1300 Clds. 2 Cu	1900 Clds. 2 Cu
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +057	Wx =	Wx ∞	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer C.P.H.	Vis. 3	Vis. 10	Vis. 12

AUG 13 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. —	Temp. 82	B 1730-2140		
Min.	61 °F	Vel. — m.p.h.	Read. 29.06			
Set	67 °F	Char. calm	Corr. 28.91			
R. H.	96 %	24 hr. Mov. 094	Sea L. 30.14	0700 Clds. 3Ac	1300 Clds. 3Cv	1900 Clds. 10Cb
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +08 J	Wx	Wx	Wx B
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 9	Vis. 10	Vis. 10



AUG 15 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
84 ° F	SSW	76				
Min.	Vel.	Read.				
62 ° F	3 m.p.h.	28.82				
Set	Char.	Corr.				
67 ° F	variable	28.69				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
85 %	066	29.92	Clds.	Clds.	Clds.	
			clear	3C	1C	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
— in.	NE	104	∞			
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	GPH.	7	20	20	

AUG 16 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 ° F	Dir. SW	Temp. 76	1320 - 1400 (o) as Jan.		
Min.	53 ° F	Vel. 2 m.p.h.	Read. 28.98			
Set	57 ° F	Char. Variable	Corr. 28.85			
R. H.	87 %	24 hr. Mov. 115	Sea L. 30.10	0700	1300	1900
				Clds. 10 Ci Rf.	Clds. 6 Cs Cc As	Clds. 7 Ci As Ac
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +125	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Vis. 20	Vis. 10+	Vis. 10+



AUG 17 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 81 ° F		Dir. Calm	Temp. 78	0430 - 0645 ..		
Min. 57 ° F		Vel. Calm m.p.h.	Read. 28.95			
Set 62 ° F		Char. Calm	Corr. 28.81			
R. H. 100 %		24 hr. Mov. 44	Sea L. 30.04	0700 Clds. 10 Sc	1300 Clds. 7 Sc Cu	1900 Clds. 1 Cu
Ppn. Liq. 0.05 in.		Prev. Dir. SW	3 hr. Tend. +10	Wx	Wx	Wx
Ppn. Sol. — in.		Grnd. Cur. — in.	Observer CAW	Vis. 7	Vis. 10	Vis. 10

66

AUG 18 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. SW	Temp. 76			
Min.	48 ° F	Vel. 3 m.p.h.	Read. 29.03			
Set	57 ° F	Char. Steady	Corr. 28.99			
R. H.	85 %	24 hr. Mov. 94	Sea L. 30.25	0700 Clds. Clear	1300 Clds. 4 Cu	1900 Clds. 4 Cu
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +05	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer. CAW	Vis. 20+	Vis. 20+	Vis. 20+

54

AUG 19 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74 ° F	Dir. SW	Temp. 74			
Min.	48 ° F	Vel. 3 m.p.h.	Read. 28.97			
Set	55 ° F	Char. Steady	Corr. 28.84			
R. H.	86 %	24 hr. Mov. 74	Sea L. 30.10	0700 Clds. Clear	1300 Clds. 5 Cu	1900 Clds. 4 S <del>W</del>
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +05	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. in.	Observer CAW	Vis. 15+	Vis. 15+	Vis. 15+

55

AUG 20 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 ° F	Dir. SW	Temp. 74			
Min.	50 ° F	Vel. 2 m.p.h.	Read. 28.99			
Set	56 ° F	Char. Steady	Corr. 28.86			
R. H.	88 %	24 hr. Mov. 91	Sea L. 30.11	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +15	Clds. Clear	Clds. 1 Cu	Clds. 1 Ac
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Wx	Wx	Wx
				Vis. 15+	Vis. 15+	Vis. 15+

57

AUG 21 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 ° F	Dir. NE	Temp. 78			
Min.	48 ° F	Vel. 3 m.p.h.	Read. 29.11			
Set	54 ° F	Char. Steady	Corr. 28.97			
R. H.	88 %	24 hr. Mov. 69	Sea L. 30.23	0700 Clds. Clear	1300 Clds. Clear	1900 Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +15	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 15+	Vis. 15+	Vis. 15+

56

AUG 22 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 ° F	Dir. Calm	Temp. 74			
Min.	52 ° F	Vel. Calm m.p.h.	Read. 29.14			
Set	56 ° F	Char. Calm	Corr. 29.01			
R. H.	90 %	24 hr. Mov. 43	Sea L. 30.26	0700 Clds. 3 ci	1300 Clds. 3 cu	1900 Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. SE	3 hr. Tend. +05	Wx ∞	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 8	Vis. 15+	Vis. 15+

58

AUG 23 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 ° F	Dir. SW	Temp. 73	≡ 0200 - 0630		
Min.	55 ° F	Vel. 3 m.p.h.	Read. 28.98			
Set	62 ° F	Char. Steady	Corr. 28.85			
R. H.	86 %	24 hr. Mov. 54	Sea L. 30.09	0700 Clds. Cu 6 Ci Ac	1300 Clds. 6 Cu As	1900 Clds. 3 Cu
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +05	Wx (≡)	Wx	Wx ∞
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 7	Vis. 15	Vis. 7

63

AUG 24 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 ° F	Dir. SW	Temp. 72			
Min.	56 ° F	Vel. 4 m.p.h.	Read. 28.95			
Set	63 ° F	Char. Steady	Corr. 28.82			
R. H.	86 %	24 hr. Mov. 112	Sea L. 30.06	0700 Clds. 3 Ci	1300 Clds. 2 Cu	1900 Clds. Clear
Ppn. Liq.	— in.	Frev. Dir. NW	3 hr. Tend. +10	Wx ∞	Wx	Wx
64 Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 8	Vis. 15+	Vis. 15+



AUG 25 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	83 ° F	Dir.	Calm	Temp.	71	☰ 0100 - 0630		
Min.	57 ° F	Vel.	Calm m.p.h.	Read.	29.06			
Set	62 ° F	Char.	Calm	Corr.	28.93			
R. H.	88 %	24 hr. Mov.	94	Sea L.	30.16	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir.	SW	3 hr. Tend.	+20	Clds.	Clds.	Clds.
Ppn. Sol.	— in.	Grnd. Cur.	— in.	Observer	CAW	3 Ci	4 Cs	4 Cs
						Wx	Wx	Wx
						(☰)		
						Vis.	Vis.	Vis.
						7	10	10

65

AUG 26 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	87 ° F	Dir.	SW	Temp.	≡ 0000 - 0600		
Min.	57 ° F	Vel.	2 m.p.h.	Read.	29.06		
Set	63 ° F	Char.	Steady	Corr.	28.93		
R. H.	86 %	24 hr. Mov.	74	Sea L.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
—	in.			+10	Wx	Wx	Wx
		Grnd. Cur.	—	Observer	(≡)	∞	∞
		in.		CAW	Vis.	Vis.	Vis.
					5	8	8

66

AUG 27 1953

0700 EST

Meteorological  
State College, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	85 ° F	Dir. SW	Temp. 75	≡ 0300 - 0900		
Min.	63 ° F	Vel. 4 m.p.h.	Read. 29.05			
Set	68 ° F	Char. Steady	Corr. 28.91	0700	1300	1900
R. H.	80 %	24 hr. Mov. 92	Sea L. 30.13	Clds. 5CsAc	Clds. Cs 7CuCg	Clds. 6CsCu
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. i +10	Wx ≡	Wx ∞	Wx ∞
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 5	Vis. 7	Vis. 7

70

AUG 28 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	91 ° F	Dir. Calm	Temp. 78			
Min.	64 ° F	Vel. Calm m.p.h.	Read. 29.01			
Set	67 ° F	Char. Calm	Corr. 28.87			
R. H.	90 %	24 hr. Mov. 92	Sea L. 30.09	0700 Clds. 6AcAs	1300 Clds. 7CuGg	1900 Clds. 2Cu
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +05	Wx ≡	Wx ∞	Wx ∞
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 4	Vis. 7	Vis. 7

72

AUG 29 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	92 ° F	Dir. Calm	Temp. 79			
Min.	62 ° F	Vel. Calm m.p.h.	Read. 28.97			
Set	66 ° F	Char. Calm	Corr. 28.83			
R. H.	93 %	24 hr. Mov. 79	Sea L. 30.05	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir. Steady	3 hr. Tend. +15	Clds. Clear	Clds. Cs 4 Cu Cg	Clds. 3 Cs
Ppn. Sol.	— in.	Grnd. Cdr. — in.	Observer CAW	Wx (≡)	Wx ∞	Wx ∞
				Vis. 7	Vis. 7	Vis. 7

70

AUG 30 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	92 ° F	Dir. SW	Temp. 77			
Min.	63 ° F	Vel. 2 m.p.h.	Read. 28.94			
Set	68 ° F	Char. Steady	Corr. 28.80			
R. H.	84 %	24 hr. Mov. 68	Sea L. 30.02	0700 Clds. 5CsAc	1300 Clds. 6CuCg	1900 Clds. 1Cu
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +05	Wx (≡)	Wx ∞	Wx ∞
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 6	Vis. 6	Vis. 6

70

AUG 31 1953

0700 EST

Meteorological Observations  
State College, Pa.

General Obs.

Temp.		Wind	Barom.	☉ 1115 - 1400 1945 - 00		
Max.	95 ° F	Dir. SW	Temp. 80			
Min.	67 ° F	Vel. 2 m.p.h.	Read. 28.94			
Set	73 ° F	Char. Steady	Corr. 28.79			
R. H.	74 %	24 hr. Mov	Sea L.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds.	Clds.	Clds.
—	in.	SW	+15	3 Ci Cs	3 Cu Cs	3 Ci Cs
Ppn.	Sol.	Grnd. Cur.	Observer	Wx	Wx	Wx
—	in.	— in.	CAW	∞		
74				Vis.	Vis.	Vis.
				7	10	15