

JUL 1 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	90 ° F	Dir. W	Temp. 80	▽ 0945-1145		
Min.	68 ° F	Vel. 4 m.p.h.	Read. 28.96			
Set	72 ° F	Char. Variable	Corr. 28.81			
R. H.	68 %	24 hr. Mov. 95	Sea L. 30.03	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +152'	Clds. 8CiAcSc	Clds. 9CiCsAc	Clds. 8CiCsAc
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Wx ∞	Wx ∞	Wx ∞
				Vis. 7	Vis. 12	Vis. 12

73

JUL 2 1953

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	88 ° F	Dir. SW	Temp. 81	R 1330-1600 v 1810-2100		
Min.	69 ° F	Vel. 2 m.p.h.	Read. 28.75			
Set	77 ° F	Char. Steady	Corr. 28.60	0700	1300	1900
R. H.	65 %	24 hr. Mov. 119	Sea L. 29.81	Clds. 8CcAcSc	Clds. 10CbCg	Clds. 10CbCg
Ppn. Liq.	0.02 in.	Prev. Dir. S	3 hr. Tend. -15	Wx	Wx (0)	Wx v
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 12	Vis. 5	Vis. 3

74

JUL 3 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86° F	Dir. NW	Temp. 81	9 0030-0100 9 0315-0400 GUSTS TO 25 mph 0730		
Min.	68° F	Vel. 10 m.p.h.	Read. 28.74			
Set	74° F	Char. GUSTY	Corr. 28.59			
R. H.	62 %	24 hr. Mov. 172	Sea L. 29.81	0700 Clds. 3 Cu Cg	1300 Clds. 3 Cu	1900 Clds. <del>Cloud</del>
Ppn. Liq.	0.63 in.	Prev. Dir. S	3 hr. Tend. +205	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 12+	Vis. 20+	Vis. 20+

72

**JUL 4 1953**

**0700 EST**

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 80 ° F	Dir. Calm	Temp. 72	1100 : : - 1400			
Min. 51 ° F	Vel. Calm m.p.h.	Read. 29.01				
Set 58 ° F	Char. Calm	Corr. 28.88				
R. H. 64 %	24 hr. Mov. 124	Sea L. 30.13	0700 Clds. 6CiCc	1300 Clds. 8CiCc	1900 Clds. 3CiCc	
Ppn. Liq. — in.	Prev. Dir. N	3 hr. Tend. +20	Wx	Wx	Wx	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer CAW	Vis. 20+	Vis. 20+	Vis. 20+	

58

JUL 5 1953

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	9 1545-1700		
Max.	81 ° F	Dir. Calm	Temp. 76			
Min.	58 ° F	Vel. Calm m.p.h.	Read. 28.94			
Set	66 ° F	Char. Calm	Corr. 28.80	0700	1300	1900
R. H.	68 %	24 hr. Mov. 58	Sea L. 30.03	Clds. 2 Cc	Clds. 4 Cu Cg	Clds. 8 Cb Cg
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +05	Wx ∞	Wx	Wx ∞
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 12	Vis. 15	Vis. 12

65

JUL 6 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86 ° F	Dir. SW	Temp. 78	☽ 1245 - 1400 ☽ 1400 - 1500 ☽ 2050 - 2115 ☽ 2115 - 2300		
Min.	66 ° F	Vel. 10 m.p.h.	Read. 28.81			
Set	72 ° F	Char. Variable	Corr. 28.67			
R. H.	73 %	24 hr. Mov. 79	Sea L. 29.89	0700 Clds. 10cb	1300 Clds. 10cb	1900 Clds. Cu 7CbCg
Ppn. Liq.	T in.	Prev. Dir. S	3 hr. Tend. -05v	Wx ≡	Wx ☽	Wx (≡)
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer CAW	Vis. 4	Vis. 3	Vis. 6

71

JUL 7 1953

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.		
Max.	80 ° F	Dir. Calm	Temp.	79	
Min.	65 ° F	Vel. Calm m.p.h.	Read.	28.82	
Set	70 ° F	Char. Calm	Corr.	28.68	
R. H.	66 %	24 hr. Mov. 102	Sea L.	29.90	
Ppn. Ltq.	0.80 in.	Prev. Dir. S	3 hr. Tend.	+15	
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer	CAW	
			0700	1300	1900
			Clds.	Clds.	Clds.
			3CsCu	4Cu	Clear
			Wx	Wx	Wx
			Vis. 8	Vis. 20+	Vis. 20+

70

JUL 8 1953

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	81 ° F	Dir. Calm	Temp. 74	9 0545 - 0645		
Min.	60 ° F	Vel. Calm m.p.h.	Read. 28.80	9 0715 - 0800		
Set	65 ° F	Char. Calm	Corr. 28.67	9 0930 - 1000		
				9 1645 - 1700		
				9 1700 - 1900		
				9 2230 - 2300		
				0700	1300	1900
R. H.	72 %	24 hr. Mov. 87	Sea L. 29.90	Clds. 10st Sc	Clds. 4Cu	Clds. 10 Sc
Ppn. Liq.	T in.	Prev. Dir. S	3 hr. Tend. + 00	Wx (≡)	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer CAW	Vis. 8	Vis. 20+	Vis. 15

65



JUL 9 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 ° F	Dir. NW	Temp. 77			
Min.	55 ° F	Vel. 2 m.p.h.	Read. 28.86			
Set	64 ° F	Char. Variable	Corr. 28.72			
R. H.	62 %	24 hr. Mov. 91	Sea L. 29.96	0700 Clds. Clear	1300 Clds. 6 Cu Cg	1900 Clds. 2 Cu
Ppn. Liq.	0.04 in.	Prev. Dir. S	3 hr. Tend. +15	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 20+	Vis. 20+	Vis. 20+

64

JUL 10 1953

0700 EST

Meteorological  
State College, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	73 ° F	Dir. SW	Temp. 75			
Min.	53 ° F	Vel. 3 m.p.h.	Read. 29.05			
Set	61 ° F	Char. Steady	Corr. 28.91	0700	1300	1900
R. H.	66 %	24 hr. Mov. 107	Sea L. 30.16	Clds. 4Ac Sc	Clds. 9CuCgCb	Clds. 4CuCg
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +15	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 20+	Vis. 20+	Vis. 20+

57

JUL 11 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 ° F	Dir. SW	Temp. 73			
Min.	50 ° F	Vel. 2 m.p.h.	Read. 29.13			
Set	59 ° F	Char. Variable	Corr. 29.00			
R. H.	66 %	24 hr. Mov. 68	Sea L. 30.26	0700 Clds. Clear	1300 Clds. 3 Cu	1900 Clds. 5 Cu
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +10	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 20+	Vis. 20+	Vis. 20+

56

**JUL 12 1953**

**0700 EST**

**Meteorological Observatory  
State College, Pa.**

Temp.		Wind	Barom.	General Obs.		
Max.	80 ° F	Dir. Calm	Temp. 77			
Min.	54 ° F	Vel. Calm m.p.h.	Read. 29.08			
Set	64 ° F	Char. Calm	Corr. 28.94			
R. H.	64 %	24 hr. Mov. 46	Sea L. 30.18	0700 Clds. Clear	1300 Clds. 5Cu	1900 Clds. Sc 6CgCu
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +00	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 20+	Vis. 20+	Vis. 20+

62

JUL 13 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 ° F	Dir. S	Temp. 73	1100 10:00 as neb		
Min.	58 ° F	Vel. 2 m.p.h.	Read. 29.02			
Set	63 ° F	Char. Variable	Corr. 28.89			
R. H.	74 %	24 hr. Mov. 39	Sea L. 30.13	0700 Clds. 9AcAs	1300 Clds. 9CuCbCs	1900 Clds. 10AsCu <sup>Sc</sup>
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +00	Wx ∞	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 12	Vis. 15	Vis. 10

64

JUL 14 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 ° F	Dir. NE	Temp. 79			
Min.	58 ° F	Vel. 2 m.p.h.	Read. 29.04			
Set	61 ° F	Char. Variable	Corr. 28.89			
R. H.	82 %	24 hr. Mov. 59	Sea L. 30.13	0700 Clds. X	1300 Clds. 9CsCuG	1900 Clds. 7CuCs
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +15	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 1	Vis. 15+	Vis. 15+

63

JUL 15 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 ° F	Dir. Calm	Temp. 81			
Min.	60 ° F	Vel. Calm m.p.h.	Read. 29.12			
Set	68 ° F	Char. Calm	Corr. 28.97			
R. H.	70 %	24 hr. Mov. 34	Sea L. 30.20	0700 Clds. 4Cs	1300 Clds. 6CuCs	1900 Clds. 4Cs
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +15	Wx (≡)	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 3	Vis. 15+	Vis. 15+

66

0700 EST

~~JUL 10~~ 1953

Temp.		Wind	Barom.	General Obs.		
Max. 90 ° F	Dir. Calm	Temp. 77				
Min. 62 ° F	Vel. Calm m.p.h.	Read. 29.18				
Set 69 ° F	Char. Calm	Corr. 29.04				
R. H. 70 %	24 hr. Mov. 35	Sea L. 30.26	0700 Clds. Cc 10CsC <sub>i</sub>	1300 Clds. 10CsCu	1900 Clds. clear	
Ppn. Liq. — in.	Prev. Dir. N	3 hr. Tend. +15	Wx ∞	Wx	Wx	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer CANW	Vis. 12	Vis. 15+	Vis. 15	

70



JUL 17 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
91 ° F	---	77				
Min.	Vel.	Read.				
63 ° F	m.p.h.	29.11				
Set	Char.	Corr.				
70 ° F	Calm	28.97	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
71 %	033	30.19	clear	0	0	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
— in.	NE	+06	= ∞			
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	B.P.H.	8	15	15	

JUL 18 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	94 ° F	Dir. —	Temp. 80			
Min.	65 ° F	Vel. — m.p.h.	Read. 28.96			
Set	70 ° F	Char. Calm	Corr. 28.82	0700	1300	1900
R. H.	70 %	24 hr. Mov. 042	Sea L. 30.04	Clds. 8Ac	Clds. .0Ci	Clds. 5Cb 40i
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. 00	Wx ∞	Wx ∞	Wx ∞
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPA	Vis. 12	Vis. 10	Vis. 10

JUL 19 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	1st 0230 - 1800			
94 ° F	—	87				
Min.	Vel.	Read.				
68 ° F	— m.p.h.	28.92				
Set	Char.	Corr.				
69 ° F	calm	28.76				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
84 %	052	29.98	Clds. 10ST	Clds. 10Ns	Clds. 10Cu	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.08 in.	N	+10/	≡	∩		
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	GPA.	1	5	10	

JUL 20 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 ° F	Dir. SW	Temp. 78			
Min.	65 ° F	Vel. 2 m.p.h.	Read. 28.91			
Set	71 ° F	Char. Variable	Corr. 28.77			
R. H.	75 %	24 hr. Mov. 061	Sea L. 29.99	0700 Clds. 10st.	1300 Clds. 3 cuhv	1900 Clds. clear
Ppn. Liq.	0.01 in.	Prev. Dir. S	3 hr. Tend. +125	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 1/2	Vis. 10	Vis. 15

JUL 21 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 ° F	Dir. —	Temp. 78			
Min.	62 ° F	Vel. — m.p.h.	Read. 28.92			
Set	67 ° F	Char. calm	Corr. 28.78			
R. H.	65 %	24 hr. Mov. 72	Sea L. 30.00	0700 Clds. clear	1300 Clds. 7 CU	1900 Clds. 8 CU
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +07	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Vis. 15	Vis. 15	Vis. 18

JUL 22 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	1745 - 1945 13 1945 - 2400 0-1			
90 ° F	—	79				
Min.	Vel.	Read.				
64 ° F	— m.p.h.	28.86				
Set	Char.	Corr.				
68 ° F	Calm	20.72				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
70 %	052	29.94	Clds.	Clds.	Clds.	
			clear	10Cs	<del>10Cs</del>	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
— in.	S	+025	=		13	
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	CPH.	10	10	8	

JUL 23 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88 ° F	Dir. NNE	Temp. 83	0000 - 0845 ° ° 1445 - 1500 v		
Min.	66 ° F	Vel. 6 m.p.h.	Read. 28.67			
Set	66 ° F	Char. Steady	Corr. 28.82			
R. H.	100 %	24 hr. Mov. 18K	Sea L. 29.76	0700 Clds. 10st/	1300 Clds. 10Sc	1900 Clds. 1Sc vesp.
Ppn. Ltq.	0.56 in.	Prev. Dir. N	3 hr. Tend. +08	Wx ≡ •	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CPH	Vis. 1	Vis. 15	Vis. 25

JUL 24 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 ° F	Dir. NW	Temp. 81			
Min.	59 ° F	Vel. 6 m.p.h.	Read. 28.90			
Set	62 ° F	Char. steady	Corr. 28.76			
R. H.	80 %	24 hr. Mov. 120	Sea L. 30.01	0700 Clds. clear	1300 Clds. 4 C <sub>uh</sub>	1900 Clds. clear
Ppn. Liq.	0.03 in.	Prev. Dir. N	3 hr. Tend. +28	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAN	Vis. 20	Vis. 25	Vis. 25



JUL 25 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. —	Temp. 80			
Min.	48 ° F	Vel. — m.p.h.	Read. 29.21			
Set	55 ° F	Char. calm	Corr. 29.07			
R. H.	80 %	24 hr. Mov. 117	Sea L. 30.34	0700 Clds. clear	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +22	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 15	Vis. 25	Vis. 20

JUL 26 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 ° F	Dir. —	Temp. 81			
Min.	55 ° F	Vel. — m.p.h.	Read. 29.15			
Set	65 ° F	Char. calm	Corr. 29.01			
R. H.	80 %	24 hr. Mov. 073	Sea L. 30.24	0700 Clds. 3Ac	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +02	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer BPAH	Vis. 12	Vis. 15	Vis. 15

JUL 27 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 ° F	Dir. W	Temp. 79	1630-1700 FS		
Min.	64 ° F	Vel. 3 m.p.h.	Read. 29.01			
Set	69 ° F	Char. Variable	Corr. 28.87			
R. H.	80 %	24 hr. Mov. 098	Sea L. 30.09	0700 Clds. 10AcAs	1300 Clds. 6c:3cu	1900 Clds. 3Cb
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +02	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer E.P.H.	Vis. 9	Vis. 20	Vis. 20

JUL 28 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88 ° F	Dir. N	Temp. 82	2200 - 2400 ( * cs fl i mm.		
Min.	63 ° F	Vel. 2 m.p.h.	Read. 29.01			
Set	68 ° F	Char. Variable	Corr. 28.86			
R. H.	77 %	24 hr. Mov. 095	Sea L. 30.08	0700 Clds. clear	1300 Clds. clear	1900 Clds. 2 ci
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +15	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer GPA.	Vis. 20	Vis. 20	Vis. 20

JUL 29 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 ° F	Dir.	Temp.	1205-1235 $\nabla$ 1530-1540 $\nabla$		
Min.	58 ° F	Vel.	84			
Set	65 ° F	m.p.h.	Read.			
R. H.	76 %	Char.	28.97			
		24 hr. Mov.	Corr.	0700	1300	1900
Ppn.		081	28.82	Clds.	Clds.	Clds.
		Sea L.		8c; 2As	10 As	10 Sc
Liq.		3 hr. Tend.		Wx	Wx	Wx
in.		-01				
Ppn.		Observer		Vis.	Vis.	Vis.
in.		CPH		20	15	10

JUL 30 1953

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir.	Temp.	0240 -0500 13		
Min.	65 °F	Vel.	83			
Set	69 °F	m.p.h.	28.97			
		Char.	Corr.			
		Calm	28.82			
R. H.	97 %	24 hr. Mov.	Sea L.	0700	1300	1900
		070	30.04	Clds.	Clds.	Clds.
				8AcAs	4Ac5CU	
Ppn. Liq.	0.75 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		W	100 ✓			
Ppn. Sol.	— in.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
		— in.	6 PM.	15	15	

