

JUL 1 1951

0700 EST

Temp.		Wind	Barom.	☼ 0000 - 0300 ☽ 0530 - 1000 ☿ 1930 - 2000		
Max.	82 ° F	Dir. SW	Temp. 80			
Min.	60 ° F	Vel. 3 m.p.h.	Read. 28.70			
Set	62 ° F	Char. variable	Corr. 20.55	0700	1300	1900
R. H.	100 %	24 hr. Mov. 090	Sea L. 29.77	Clds. 10As 6Fs	Clds. 6Ca	Clds. 7Ac
Ppn. Liq.	.48 in.	Prev. Dir. S	3 hr. Tend. +5	Wx ≡°	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer 75	Vis. 4	Vis. 20	Vis. 18

JUL 2 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

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Temp.		Wind	Barom.	° 0230-0330		
Max.	74 ° F	Dir. SW	Temp. 74			
Min.	60 ° F	Vel. 3 m.p.h.	Read. 28.88			
Set	64 ° F	Char. variable	Corr. 28.75	0700	1300	1900
R. H.	90 %	24 hr. Mov. 110	Sea L. 29.97	Clds. 7 Ci Cs	Clds. 4 Cum	Clds. 1- Fe 1- Ci
Ppn. Liq.	.05 in.	Prev. Dir. S	3 hr. Tend. +10	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer JS	Vis. 10	Vis. 20	Vis. 20

JUL 3 1951

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	79 ° F	Dir. calm	Temp. 80			
Min.	56 ° F	Vel. - m.p.h.	Read. 29.00			
Set	60 ° F	Char. —	Corr. 28.85	0700	1300	1900
R. H.	92 %	24 hr. Mov. 075	Sea L. 30.07	Clds. 1-Ac	Clds. 4 Ac Fe	Clds. 8C, Cs
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +10	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer 95	Vis. 10	Vis. 17	Vis. 15

JUL 4 1951

0700 EST

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SW	Temp. 80	141° 0730-0900 ↗ 1500		
Min.	60 °F	Vel. 3 m.p.h.	Read. 28.78	↘ 1500-1600 ↘ 1800-2000 ↘ 1800 (quets 35+)		
Set	70 °F	Char. Variable	Corr. 28.63	↘ 2130-2200		
R. H.	94 %	24 hr. Mov. 085	Sea L. 29.85	0700	1300	1900
Ppn.	Liq. — in.	Prev. Dir. S	3 hr. Tend. -5 L	Clds. 9+AsAc 6CuFc	Clds. 9C,CsCc 2CuFc	Clds. 10AsAc
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer 95	Wx	Wx	Wx •° ▽
				Vis. 10	Vis. 15	Vis. 10

JUL 5 1951

0700 EST

Meteorological Office
State College, Pa.
General Obs.

Temp.		Wind		Barom.		•• 1300-1330		
Max.	81 °F	Dir.	W	Temp.	80			
Min.	61 °F	Vel.	12 m.p.h.	Read.	28.60			
Set	62 °F	Char.	qusty	Corr.	28.45			
R. H.	88 %	24 hr. Mov.	120	Sea L.	29.67	0700	1300	1900
Ppn.	0.55 in.	Prev. Dir.	S	3 hr. Tend.	+15	Clds.	Clds.	Clds.
		Grnd. Cur.	- in.	Observer	JS	9+Sc	9+Sc	1-AcAs 2-CuFe
						Wx	Wx	Wx
							•° v	
						Vis.	Vis.	Vis.
						15	18	20

JUL 6 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 ° F	Dir. W	Temp. 76			
Min.	51 ° F	Vel. 5 m.p.h.	Read. 28.90			
Set	57 ° F	Char. steady	Corr. 28.76	0700	1300	1900
R. H.	78 %	24 hr. Mov. 205	Sea L. 30.01	Clds. 1-Ac	Clds. 8C4	Clds. 1-AcAs
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +16	Wx	Wx	Wx
Ppn.	Sol. - in.	Grnd. Cur. - in.	Observer 95	Vis. 20	Vis. 22	Vis. 25

JUL 8 1951 0700 EST

General Obs.

Temp.		Wind	Barom.			
Max.	87 ° F	Dir. calm	Temp. 80			
Min.	59 ° F	Vel. - m.p.h.	Read. 28.97			
Set	67 ° F	Char. -	Corr. 28.82	0700	1300	1900
R. H.	80 %	24 hr. Mov. 065	Sea L. 30.04	Clds. 7 Ac	Clds. 9C, Cs 2 Cu hum	Clds. 9C, Cs
Ppn.	Liq. - in.	Prev. Dir. S	3 hr. Tend. +55	Wx	Wx	Wx
Ppn.	Sol. - in.	Grnd. Cur. - in.	Observer 95	Vis. 18	Vis. 17	Vis. 18

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JUL 9 1951

0700 EST

Meteorology
State College, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	85 ° F	Dir.	SW	Temp.	78	1430-1838 ∇° 2030-2040 ∇°		
Min.	64 ° F	Vel.	4 m.p.h.	Read.	28.86			
Set	67 ° F	Char.	steady	Corr.	28.72	0700	1300	1900
R.H.	90 %	24 hr. Mov.	150	Sea L.	29.93	Clds.	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	S	3 hr. Tend.	+8	10C,Cs	10C,Cs	6C,Cs,4A ₂
				Observer	RS	Wx	Wx	Wx
Ppn.	- in.	Grnd. Cur.	- in.	Vis.	15	Vis.	10	10

✓ JUL 10 1951

0700 EST

State College General Obs.

Temp.		Wind	Barom.	(13) 1430-1600		
Max.	86° F	Dir. SW	Temp. 81			
Min.	67° F	Vel. 2 m.p.h.	Read. 28.91			
Set	73° F	Char. Variable	Corr. 28.76			
R. H.	90 %	24 hr. Mov. 160	Sea L. 29.98	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir. S	3 hr. Tend. +12.5	Clds. 100:cs	Clds. 5cs, 5cu	Clds. 100:cs
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GPH	Wx	Wx	Wx
				Vis. 10	Vis. 10	Vis. 10

JUL 11 1951

0700 EST

State Conc. General Obs.

1530 - 2400 173^{p-1}

Temp.		Wind		Barom.	
Max.	88 ° F	Dir.	N	Temp.	79
Min.	66 ° F	Vel.	1 m.p.h.	Read.	28.96
Set	67 ° F	Char.	Variable	Corr.	28.82
R. H.	100 %	24 hr. Mov.	070	Sea L.	30.05
Ppn.	Liq. in.	Prev. Dir.	S	3 hr. Tend.	+105
Ppn.	Sol. in.	Grnd. Cur.	in.	Observer	GPH.

	0700	1300	1900
Clds.	Obscured	6c 4c	10c6
Wx	≡ 2	Wx	13
Vis.	1/8	10	5

JUL 2 1951

0700 EST

State Co. General Obs.

Temp.		Wind	Barom.	Temp.		
Max.	86 ° F	Dir. SW	80	0000 - 0550 1/31"		
Min.	67 ° F	Vel. 3 m.p.h.	Read. 28.86	1430 - 1435 7"		
Set	71 ° F	Char. Variable	Corr. 28.72	1630 - 1820 7" - 2		
R. H.	100 %	24 hr. Mov. 093	Sea L. 29.94	0700	1300	1900
Ppn. Liq.	0.17 in.	Prev. Dir. S	3 hr. Tend. -01	Clds. 5Ac5Sc	Clds. 10 Cu	Clds. 10 Cu
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer GAD	Wx =	Wx	Wx
				Vis. 3	Vis. 8	Vis. 10

✓ JUL 13 1951

0700 EST

Met. Observ. Sta. State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.		Dir.	Temp.	2200		
84 ° F		E	84			
Min.		Vel.	Read.			
64 ° F		2 m.p.h.	28.99			
Set		Char.	Corr.			
66 ° F		var.	28.84	0700	1300	1900
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
90 %		110	30.08	10 Sc	10 Sc	10 C; Ce
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.09 in.		SW	+17			
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
- in.		- in.	CPB.	20	20	20

JUL 14 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.		General Obs.		
Max.	76 ° F	Dir. NNE	Temp.	76			
Min.	59 ° F	Vel. 2 m.p.h.	Read.	29.03			
Set	61 ° F	Char. Var.	Corr.	28.90	0700	1300	1900
R. H.	100 %	24 hr. Mov. 051	Sea L.	30.15	Clds. obsc	Clds. 1c	Clds. clear
Ppn. Ldg.	→ in.	Prev. Dir. N	3 hr. Tend. +16.1		Wx ≡ 2	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer G.M.		Vis. 4/8	Vis. 20	Vis. 20

JUL 15 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind	Barom.	1600 (19)		
Max.	82° F	Dir. N	Temp. 78			
Min.	58° F	Vel. 1 m.p.h.	Read. 28.96			
Set	63° F	Char. Var.	Corr. 28.82	0700	1300	1900
R. H.	92%	24 hr. Mov. 060	Sea L. 30.06	Clds. 10Sc	Clds. 5C:5C _w	Clds. 5Sc
Ppn.	Liq. —	Prev. Dir. NNE	3 hr. Tend. 7045	Wx	Wx	Wx
Ppn.	Sol. —	Grnd. Cur. — in.	Observer Ceh	Vis. 10	Vis. 20	Vis. 15

JUL 28 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind		Barom.		
Max.	88 ° F	Dir.	calm	Temp.	80	
Min.	63 ° F	Vel.	- m.p.h.	Read.	28.95	
Set	72 ° F	Char.	—	Corr.	28.80	
R. H.	90 %	24 hr. Mov.	056	Sea L.	30.03	
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	+11 ✓	
Ppn.	— in.	Grnd. Cur.	— in.	Observer	clh	
				0700	1300	1900
				Clds.	Clds.	Clds.
				clear	3 Cum	7 CbSc
				Wx	Wx	Wx
				≡		
				Vis.	Vis.	Vis.
				2	12	12

JUL 17 1951

0700 EST

Meteorology State College, Pa. General Obs.

Temp.		Wind	Barom.	Temp.		
Max.	88 ° F	Dir. calm	85	1545-1600		
Min.	65 ° F	Vel. - m.p.h.	28.90	Read.		
Set	71 ° F	Char. —	28.74	Corr.		
R. H.	90 %	24 hr. Mov. 058	29.95	0700	1300	1900
Ppn. Liq.	—	Prev. Dir. 5	3 hr. Tend. +10	Clds. none	Clds. 5 Cu Cong.	Clds. 2 Ac 1- Cu Cong.
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer 95	Wx ≡	Wx	Wx
				Vis. 4	Vis. 10	Vis. 10

JUL 18 1951

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	88 ° F	Dir. calm	Temp. 82	⁰⁻¹ 0830-1200 E 0830 1800-1830 R 1830		
Min.	63 ° F	Vel. - m.p.h.	Read. 28.95			
Set	66 ° F	Char.	Corr. 28.80			
R. H.	98 %	24 hr. Mov. 075	Sea L. 30.01	0700	1300	1900
Ppn.	T in.	Prev. Dir. N	3 hr. Tend. +4	Clds. 8AcAs-	Clds. 9+Sc	Clds. 5Cb
Ppn.	- in.	Grnd. Cur. - in.	Observer 95	Wx ≡	Wx	Wx ≡ T
				Vis. 2	Vis. 6	Vis. 2

✓

JUL 19 1951

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	Dir.	Temp.	∇ 0530-0630 ∇ 0530 0730-1730 ∇			
77 ° F	W	80				
Min.	Vel.	Read.				
65 ° F	4 m.p.h.	28.72				
Set	Char.	Corr.				
67 ° F	steady	28.57	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
100 %	090	29.79	10CB Sc	10cb	1Ca 2 Ac	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
.20 in.	S	-2v	T \equiv °	v		
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
- in.	- in.	JS	2	3	25	

JUL 20 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	79 ° F	Dir. S	Temp. 78			
Min.	52 ° F	Vel. 1 m.p.h.	Read. 28.80			
Set	60 ° F	Char. Var.	Corr. 28.66	0700	1300	1900
R. H.	78 %	24 hr. Mov. 115	Sea L. 29.91	Clds. 1 Sc	Clds. 4 C.	Clds. 2 Sc
Ppn. Liq.	0.03 in.	Prev. Dir. SW	3 hr. Tend. +1.8	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer Ceh	Vis. 20	Vis. 20	Vis. 25

JUL 21 1951

0700 EST

Meteorology State College, Pa.
General Obs.

Temp.		Wind	Barom.	2100-2210 0°		
Max.	75° F	Dir. SE	Temp. 78			
Min.	50° F	Vel. 2 m.p.h.	Read. 29.00			
Set	58° F	Char. Variable	Corr. 28.86	0700	1300	1900
R. H.	80 %	24 hr. Mov. 105	Sea L. 30.13	Clds. 1Ac	Clds. 25c 5c;	Clds. 10c;
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +0.35	Wx	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer <i>celh</i>	Vis. 25	Vis. 20	Vis. 20

JUL 22 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	0310-0320 4°			
79 °F	SW	82	0650-0710 0°			
Min.	Vel.	Read.	1030-1330 0°			
58 °F	2 m.p.h.	28.88	1730-1800 13°			
Set	Char.	Corr.	1930-2300 13°			
72 °F	var.	28.73	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
80 %	120	29.95	10Ns	10Ns+	10st	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	S	-077	0	0		
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
- in.	- in.	G.P.H.	15	15	10	

✓ JUL 23 1951

0700 EST

Meteorological Observatory,
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	0330 - 0700 13 6 0700 - 0830 0°			
85 ° F	SSW	83				
Min.	Vel.	Read.				
69 ° F	4 m.p.h.	28.95				
Set	Char.	Corr.				
70 ° F	Steady	28.80				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
100 %	095	30.02	Clds.	Clds.	Clds.	
			10Ns	1Ci 3Cu hum	10Cs 2Ac 1FcFc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.38 in.	SW	+14 r	••			
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	GPH	4	20	18	

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JUL 24 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.	9° 0200-0300		
Max.	84 ° F	Dir. Calm	Temp. 80			
Min.	64 ° F	Vel. - m.p.h.	Read. 29.00			
Set	66 ° F	Char. —	Corr. 28.85	0700	1300	1900
R. H.	84 %	24 hr. Mov. 075	Sea L. 30.06	Clds. 8Ac	Clds. 8Ci CcG 1 Cumulus	Clds. 4Ci 1-Fe
Ppn. Liq.	.01 in.	Prev. Dir. N	3 hr. Tend. +12	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer <i>PS</i>	Vis. 15	Vis. 25	Vis. 20

JUL 20 1951

0700 EST

Meteorology
State College, Pa.
General Obs.

Temp.		Wind	Barom.	≡ '0530		
Max.	86 ° F	Dir. SW	Temp. 80			
Min.	60 ° F	Vel. 2 m.p.h.	Read. 28.96			
Set	67 ° F	Char. Variable	Corr. 28.81	0700	1300	1900
R. H.	90 %	24 hr. Mov. 065	Sea L. 30.02	Clds. clear	Clds. 4Cu	Clds. 1Cu FE
Ppn.	Liq. — in.	Prev. Dir. S	3 hr. Tend. +9	Wx ≡°	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer 95	Vis. 6	Vis. 14	Vis. 10

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JUL 27 1951

0700 EST

Meteorological Observatory,
State College, Pa.

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	88 ° F	Dir.	calm	Temp.	82			
Min.	66 ° F	Vel.	- m.p.h.	Read.	28.91			
Set	70 ° F	Char.	-	Corr.	28.76	0700	1300	1900
R. H.	80 %	24 hr. Mov.	110	Sea L.	29.97	Clds.	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	+0	Wx	Wx	Wx
Ppn.	- in.	Grnd. Cur.	- in.	Observer	JS	Vis.	Vis.	Vis.
						11	10	6
						8C, C, Cc	6C, 4	9+ C, C, S

JUL 28 1951

0700 EST

Meteorological Observatory,
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	89 ° F	Dir. calm	Temp. 82	0730-0800 15 0730 1830-2030 15 1500 1830		
Min.	68 ° F	Vel. - m.p.h.	Read. 28.87			
Set	70 ° F	Char. —	Corr. 28.72	0700	1300	1900
R. H.	96 %	24 hr. Mov. 093	Sea L. 29.92	Clds. 10AsAc	Clds. 7Cu Cong	Clds. 10Cb
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +15	Wx ≡°	Wx	Wx 15
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer 95	Vis. 6	Vis. 15	Vis. 10

✓ JUL 29 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.		
Max.	82 ° F	Dir. calm	Temp.	82	
Min.	61 ° F	Vel. - m.p.h.	Read.	28.90	
Set	65 ° F	Char. -	Corr.	28.75	
R. H.	98 %	24 hr. Mov.	Sea L.	29.97	
Ppn. Liq.	.15 in.	Prev. Dir.	3 hr. Tend.	+10	
Ppn. Sol.	- in.	Grnd. Cur.	Observer	95	
			0700	1300	1900
			Clds.	Clds.	Clds.
			1-C. Fs	9+SE	9+Cs 4/CuAlony
			Wx	Wx	Wx
			≡°		
			Vis.	Vis.	Vis.
			7	8	7

JUL 30 1951

0700 EST

Meteorological Observatory,
State College, Pa.

General Obs.

≡ 0600

Temp.		Wind	Barom.			
Max.	80 ° F	Dir. calm	Temp. 76			
Mtn.	62 ° F	Vel. - m.p.h.	Read. 28.95			
Set	64 ° F	Char. —	Corr. 28.81	0700	1300	1900
R. H.	100 %	24 hr. Mov. 057	Sea L. 20.03	Clds. clear	Clds. 4Cum	Clds. 2C1
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +10	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer JS	Vis. 1	Vis. 15	Vis. 15

JUL 31 1951

0700 EST

Meteorological Observatory

State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	89 ° F	Dir. ca/m	Temp. 80			
Min.	64 ° F	Vel. - m.p.h.	Read. 28.88			
Set	68 ° F	Char. —	Corr. 28.73	0700	1300	1900
R. H.	94 %	24 hr. Mov. 045	Sea L. 29.94	Clds. none	Clds. 9 CIG 2 FE	Clds. 4AsAe
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +85	Wx ≡°	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer JS	Vis. 4	Vis. 9	Vis. 7