

MAY 1 1951

0700 EST

State Council  
General Obs.

Temp.		Wind		Barom.		0615 ☉		
Max.	74°F	Dir.	NE	Temp.	83			
Min.	49°F	Vel.	2 m.p.h.	Read.	29.15			
Set	52°F	Char.	variable	Corr.	29.00	0700	1300	1900
R. H.	71 %	24 hr. Mov.	105	Sea L.	30.27	Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	NE	3 hr. Tend.	+15/	4 Ci	1 Sc	Clear
Ppn.	— in.	Grnd. Cur.	— in.	Observer	EPH	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						10	15	15

✓ MAY 2 1951

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.			
Max.	77 ° F	Dir. NW	Temp. 82			
Min.	52 ° F	Vel. 7 m.p.h.	Read. 28.94			
Set	62 ° F	Char. Gusty	Corr. 28.79	0700	1300	1900
R.H.	68 %	24 hr. Mov. 130	Sea L. 30.03	Clds. clear	Clds. 4Ac	Clds. 3C;
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +00	Wx ☺	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GPH	Vis. 10	Vis. 25	Vis. 20

MAY 3 1951

0700 EST

State College, -  
General Obs.

Temp.		Wind	Barom.	1230-1430 67° 2110-2300 7		
Max.	82 °F	Dir. W	Temp. 78			
Min.	52 °F	Vel. 3 m.p.h.	Read. 28.69			
Set	55 °F	Char. variable	Corr. 28.55	0700	1300	1900
R. H.	68 %	24 hr. Mov. 190	Sea L. 29.82	Clds. 1A, 3Ac	Clds. 10As	Clds. 10As
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +08/	Wx	Wx 7]	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GPH	Vis. 20	Vis. 15	Vis. 15

✓ MAY 4 1951

0700 EST

State College, General Obs.

Temp.		Wind	Barom.			
Max.	65 ° F	Dir. NE	Temp. 78			
Min.	45 ° F	Vel. 4 m.p.h.	Read. 28.59			
Set	50 ° F	Char. Var.	Corr. 28.44	0700	1300	1900
R. H.	70 %	24 hr. Mov. 130	Sea L. 29.71	Clds. 10As	Clds. 10AcAs	Clds. <del>6Sc</del> 1c:
Ppn. Liq.	.07 in.	Prev. Dir. SW	3 hr. Tend. +10/	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer EAD.	Vis. 15	Vis. 15	Vis. 15

MAY 5 1951

0700 EST

Meteorology State College, Pa.  
General Obs.

Temp.		Wind	Barom.			
Max.		Dir.	Temp.			
63 ° F		NE	76			
Min.		Vel.	Read.			
44 ° F		4 m.p.h.	28.52			
Set		Char.	Corr.	0700	1300	1900
48 ° F		Variable	28.39	Clds.	Clds.	Clds.
R. H.		24 hr. Mov.	Sea L.	3Ci	7Ac2As	6Ac
65 %		070	29.66	Wx	Wx	Wx
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.			
	in.	SW	+02			
Ppn.	Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
	in.		BPH.	15	15	15

MAY 6 1951

0700 EST

Meteorological Observatory  
State College, Pa.

General Obs.

Temp.		Wind	Barom.	1530-1630 101°		
Max.		Dir.	Temp.			
58 ° F		NE	73			
Min.		Vel.	Read.			
43 ° F		1 m.p.h.	28.68			
Set		Char.	Corr.			
48 ° F		Var.	28.55	0700	1300	1900
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
82 %		093	29.83	9 Ac	6 Cu	2 Sc
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
—	in.	NE	+09	=		
Ppn.	Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
—	in.	— in.	GPH.	15	20	20

MAY 7 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.		Dir.	Temp.			
64 °F		WSW	75			
Min.		Vel.	Read.			
42 °F		4 m.p.h.	28.67			
Set		Char.	Corr.			
48 °F		Steady	28.54			
R.H.		24 hr. Mov.	Sea L.	0700	1300	1900
82 %		125	29.82	Clds.	Clds.	Clds.
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T in.		SW	+01			
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
— in.		— in.	GPH.	20	22	21

✓ MAY 8 1951

0700 EST

Meteorological Observations  
State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	60 ° F	Dir. SW	Temp. 74			
Min.	48 ° F	Vel. 8 m.p.h.	Read. 28.76			
Set	52 ° F	Char. steady	Corr. 28.63	0700	1300	1900
R. H.	70 %	24 hr. Mov. 225	Sea L. 29.89	Clds. 1Ac	Clds. 9Sc	Clds. 1-Cs
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +8	Wx	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer 9S	Vis. 12	Vis. 20	Vis. 17



MAY 9 1951

0700 EST

State College, General Obs.

° 1845-1855

Temp.		Wind	Barom.			
Max.	72 ° F	Dir. SW	Temp. 78			
Min.	52 ° F	Vel. 3 m.p.h.	Read. 28.82			
Set	57 ° F	Char. variable	Corr. 28.68	0700	1300	1900
R. H.	72 %	24 hr. Mov. 190	Sea L. 29.91	Clds. 1 Ac	Clds. 6 Cum	Clds. 9+ Cu Sc
Ppn. Liq.	- in.	Prev. Dir. W	3 hr. Tend. +0v	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer JS	Vis. 10	Vis. 20	Vis. 20

MAY 10 1951

0700 EST

State College  
General Obs.

Temp.		Wind	Barom.	10945 - 1600 2200 - 2400		
Max.	75 ° F	Dir. NE	Temp. 78			
Min.	52 ° F	Vel. 7 m.p.h.	Read. 28.92			
Set	52 ° F	Char. variable	Corr. 28.78	0700	1300	1900
R. H.	80 %	24 hr. Mov. 202	Sea L. 30.02	Clds. CC 1 AC Sc Fa	Clds. 10 AsAc	Clds. 10 AsAc
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +25	Wx	Wx V°	Wx
Ppn.	- in.	Grnd. Cur. - in.	Observer RS	Vis. 17	Vis. 20	Vis. 17

MAY 11 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	53 ° F	Dir. NE	Temp. 76	0000 - 0500 0715 - 1130 1400 - 1800  1514 1800		
Min.	48 ° F	Vel. 3 m.p.h.	Read. 28.67			
Set	50 ° F	Char. variable	Corr. 28.54	0700	1300	1900
R. H.	100 %	24 hr. Mov. 100	Sea L. 29.81	Clds. 10Sc	Clds. 10Sc	Clds. 8Sc
Ppn. Liq.	0.20 in.	Prev. Dir. NE	3 hr. Tend. -8	Wx ≡°	Wx ≡°	Wx
Ppn. Sol.	- in.	Grnd. Cur. -	Observer 95	Vis. 3	Vis. 4	Vis. 18

MAY 12 1951

0700 EST

Metereological Observatory  
State College, Pa.

General Obs.

Temp.		Wind	Barom.	9° 0630 - 1200		
Max.	Dir.	Temp.				
56 ° F	W	74				
Min.	Vel.	Read.				
45 ° F	9 m.p.h.	28.55				
Set	Char.	Corr.				
45 ° F	gusty	28.42	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
96 %	140	29.69	10sc	10sc	1-Fc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.66 in.	E	+8	9°			
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
- in.	- in.	GS	13	15	20	

MAY 13 1951

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.			
Max.	60 ° F	Dir. NW	Temp. 74			
Min.	43 ° F	Vel. 6 m.p.h.	Read. 29.00			
Set	46 ° F	Char. steady	Corr. 28.87	0700	1300	1900
R. H.	80 %	24 hr. Mov. 135	Sea L. 30.13	Clds. 1-Fc	Clds. 1-Fc	Clds. clear
Ppn.	Liq. T in.	Prev. Dir. NW	3 hr. Tend. +30	Wx	Wx	Wx
Ppn.	Sol. - in.	Grnd. Cur. - in.	Observer JS	Vis. 18	Vis. 25	Vis. 25

✓ MAY 14 1951

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.	L°		
Max.	67 ° F	Dir. E	Temp. 76			
Min.	38 ° F	Vel. 2 m.p.h.	Read. 29.35			
Set	44 ° F	Char. variable	Corr. 29.21	0700	1300	1900
R. H.	70 %	24 hr. Mov. 076	Sea L. 30.48	Clds. 1-Ci	Clds. 41 Ci	Clds. 7 Ci
Ppn.	Liq. — in.	Prev. Dir. N	3 hr. Tend. +25	Wx	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer 9S	Vis. 20	Vis. 20	Vis. 20



MAY 15 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	77 ° F	Dir. SE	Temp. 77			
Min.	44 ° F	Vel. 2 m.p.h.	Read. 29.32			
Set	54 ° F	Char. VRBL	Corr. 29.18	0700	1300	1900
R. H.	71 %	24 hr. Mov. 80	Sea L. 30.44	Clds. 4 ci	Clds. NONE	Clds. sc/cs
Ppn. Liq.	—	Prev. Dir. SW	3 hr. Tend. +8	Wx 00	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer O.W.E.	Vis. 14	Vis. 20	Vis. 20

✓

MAY 18 1951

0700 EST

0 0930

Temp.		Wind	Barom.			
Max.	86 ° F	Dir. SW	Temp. 81			
Min.	54 ° F	Vel. 2 m.p.h.	Read. 29.12			
Set	64 ° F	Char. VRBL	Corr. 28.97	0700	1300	1900
R. H.	70 %	24 hr. Mov. 93	Sea L. 30.21	Clds. 10 Cls,	Clds. 10 Cls	Clds. 10 Cls
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +P	Wx ∞°	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer M.L.	Vis. 12	Vis. 12	Vis. 15



✓ MAY 17 1951

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.	Temp.		
Max.	86 ° F	Dir. S	81	1125-1135 1223-1245 1420-1530 1830-1845		
Min.	59 ° F	Vel. 2 m.p.h.	28.95			
Set	65 ° F	Char. VRBL	28.80	0700	1300	1900
R. H.	74 %	24 hr. Mov. 112	Sea L. 30.03	Clds. 3 Ci 21 CU 21 EC	Clds. 9+CU CB	Clds. 10 CU CB
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +8	Wx OO°	Wx [B]	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer A.E.	Vis. 12	Vis. 8	Vis. 9

MAY 18 1951

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.			
Max.	85 ° F	Dir. NE	Temp. 78			
Min.	55 ° F	Vel. 3 m.p.h.	Read. 29.08			
Set	57 ° F	Char. VRBL	Corr. 28.94	0700	1300	1900
R. H.	93 %	24 hr. Mov. 111	Sea L. 30.19	Clds. 10ALAS L1FS	Clds. 6CU	Clds. 3CU
Ppn.	Liq. 0.67 in.	Prev. Dir. S	3 hr. Tend. +15	Wx ∞'	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer A.E.	Vis. 9	Vis. 12	Vis. 15

MAY 19 1951

0700 EST

Meteorological Observatory

State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
70 ° F		NNE	76			
Min.		Vel.	Read.			
47 ° F		2 m.p.h.	29.11			
Set		Char.	Corr.			
51 ° F		SFOY	28.97			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
95 %		94	30.24	Clds. 9ALAS	Clds. 9+ALAS	Clds. 10ALAS
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
— in.		E	+4	≡ <sup>0-1</sup>		
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
— in.		— in.	M.E.	8	12	12

MAY 20 1951

0700 EST

Meteorological Observatory  
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	69 ° F	Dir. NE	Temp. 79	▽ 1145 - 1230		
Min.	51 ° F	Vel. 4 m.p.h.	Read. 28.95	▽ 1530 - 1600		
Set	59 ° F	Char. VRBL	Corr. 28.81	0700	1300	1900
R. H.	100 %	24 hr. Mov. 112	Sea L. 30.06	Clds. 10 AS	Clds. 10 Sc	Clds. 10 Sc
Ppn. Liq.	— in.	Prev. Dir. E	3 hr. Tend. -7	Wx ≡'	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer A.E.	Vis. 4	Vis. 12	Vis. 12

✓ MAY 21 1951

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 ° F	Dir. S	Temp. 73	1600-1745 is		
Min.	59 ° F	Vel. 2 m.p.h.	Read. 28.75			
Set	62 ° F	Char. STOY	Corr. 28.62	0700	1300	1900
R. H.	100 %	24 hr. Mov. 75	Sea L. 29.86	Clds. 10As	Clds. 2C, 5Ci	Clds. 4Ci
Ppn. Liq.	0.31 in.	Prev. Dir. S	3 hr. Tend. +5V	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer ONE.	Vis. 5	Vis. 3	Vis. 7

MAY 22 1951

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 ° F	Dir. S	Temp. 78	0330-0350 ☽ 1645-1900 ☽ 2115-2300 ☽		
Min.	58 ° F	Vel. 1 m.p.h.	Read. 28.73			
Set	61 ° F	Char. Var.	Corr. 28.59			
R. H.	100 %	24 hr. Mov. 085	Sea L. 29.84	0700 Clds. obsc	1300 Clds. SCU	1900 Clds. locb
Ppn. Liq.	0.04 in.	Prev. Dir. SW	3 hr. Tend. +01.	Wx ≡	Wx	Wx ☽
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Vis. 1	Vis. 7	Vis. 3

MAY 23 1951

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.	0030-0100 $\bar{v}$ 0230-0700 $\bar{v}$ 0730-1630 $\bar{v}$ -1		
Max.	83 °F	Dir. SW	Temp. 81			
Min.	61 °F	Vel. 3 m.p.h.	Read. 28.45			
Set	62 °F	Char. Variable	Corr. 28.30	0700	1300	1900
R. H.	100 %	24 hr. Mov. 095	Sea L. 29.55	Clds. 10 st.	Clds. 10 st.	Clds. 10 Acs
Ppn. Liq.	0.12 in.	Prev. Dir. SW	3 hr. Tend. -091	Wx ☼	Wx ☼	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer EPH	Vis. 8	Vis. 10	Vis. 20

✓ MAY 24 1951

0700 EST

Meteorological Observatory  
State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	62 ° F	Dir. NNE	Temp. 74			
Min.	46 ° F	Vel. 2 m.p.h.	Read. 28.56			
Set	54 ° F	Char. STDY	Corr. 28.43	0700	1300	1900
R. H.	64 %	24 hr. Mov. 140	Sea L. 29.69	Clds. 3 Ci 2 Ac	Clds. 8 Ci Cs 6 Cu hum	Clds. 7 Ci 2 Ac
Ppn. Liq.	0.27 in.	Prev. Dir. N	3 hr. Tend. + 8	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer A.V.L.	Vis. 15	Vis. 18	Vis. 17



MAY 25 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.		Dir.	Temp.			
68 ° F		calm	72			
Min.		Vel.	Read.			
47 ° F		- m.p.h.	28.67			
Set		Char.	Corr.	0700	1300	1900
54 ° F		—	28.55	Clds.	Clds.	Clds.
R. H.		24 hr. Mov.	Sea L.	1 - Ac	3 Cu	1 Sc
70 %		140	29.80	Wx	Wx	Wx
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.			
-	in.	N	+12			
Ppn.	Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
-	in.	- in.	95	10	20	20

MAY 26 1951

0700 EST

State College, Pa.  
General Obs.

Temp.		Wind	Barom.			
Max.	81 ° F	Dir. W 2	Temp. 77	0830 ☉ 1845-1950 ☉		
Min.	53 ° F	Vel. 3 m.p.h.	Read. 28.74			
Set	62 ° F	Char. Var.	Corr. 28.60	0700	1300	1900
R. H.	75 %	24 hr. Mdv. 100	Sea L. 29.87	Clds. 10C3	Clds. 10C3	Clds. 10C6
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +05	Wx	Wx	Wx fz
Ppn. Sol.	— in.	Grnd. Cur. in.	Observer B.M.	Vis. 12	Vis. 20	Vis. 6

MAY 27 1951

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. SSE	Temp. 79	0220-0230 ☐° 1030-1045 ☐ 1430-1445 ☐ 1630-1700 ☐ 1850-2100 ☐		
Min.	54 °F	Vel. 12 m.p.h.	Read. 28.48			
Set	59 °F	Char. Gust. to 20	Corr. 28.34	0700	1300	1900
R. H.	76 %	24 hr. Mov. 160	Sea L. 29.60	Clds. 8Ac2Sf	Clds. 8AcA,26	Clds. 5Ac5Cb
Ppn. Liq.	0.03 in.	Prev. Dir. SW	3 hr. Tend. +00	Wx	Wx	Wx ☐
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 20	Vis. 20	Vis. 15

MAY 28 1951

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SW	Temp. 74	0130 - 0630 $\bar{v}$ 1500		
Min.	49 °F	Vel. 10 m.p.h.	Read. 28.41	0630 - 0700 $\bar{v}$ 0-1		
Set	53 °F	Char. Gusty	Corr. 28.28	1130 - 1230 $\bar{v}$ 0-1		
R. H.	92%	24 hr. Mov. 185	Sea L. 29.55	0700	1300	1900
Ppn. Liq.	0.20 in.	Prev. Dir. SW	3 hr. Tend. +01	Clds. 10 Ns	Clds. 9+ Ac Sc	Clds. 9+ C4 Sc
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Wx .	Wx	Wx
				Vis. 15	Vis. 20	Vis. 15

MAY 29 1951

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. calm	Temp. 72	10' 0600-1800 1830-1900		
Min.	51 °F	Vel. - m.p.h.	Read. 28.53			
Set	52 °F	Char. ---	Corr. 28.41			
R. H.	100 %	24 hr. Mov. 87	Sea L. 29.66	0700 Clds. 10 AsAc Fs	1300 Clds. 10 Sc Fc	1900 Clds. 9+Sc
Ppn. Liq.	.26 in.	Prev. Dir. S	3 hr. Tend. +20	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. -	Observer JS	Vis. 6	Vis. 10	Vis. 20

MAY 30 1951

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
61 ° F	W	72				
Min.	Vel.	Read.				
45 ° F	2 m.p.h.	28.83				
Set	Char.	Corr.				
55 ° F	variable	28.71				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
92 %	100	29.98	Clds. clear	Clds. 7 Cu Fe	Clds. 1- Fe	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
.10 in.	N	+15				
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
- in.	- in.	95	18	20	15	

MAY 31 1951

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74 ° F	Dir. W	Temp. 74			
Min.	55 ° F	Vel. 2 m.p.h.	Read. 28.98			
Set	59 ° F	Char. variable	Corr. 28.85	0700	1300	1900
R. H.	92 %	24 hr. Mov. 120	Sea L. 30.08	Clds. 1C1	Clds. 2 C <sup>i</sup> Cuhum	Clds. 1C1
Ppn. Liq.	- in.	Prev. Dir. NW	3 hr. Tend. +15	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. -	Observer 95	Vis. 16	Vis. 18	Vis. 18