

OCT 1 1951

0700 EST

State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	59 ° F	Dir. calm	Temp. 68			
Min.	37 ° F	Vel. - m.p.h.	Read. 28.92			
Set	45 ° F	Char. -	Corr. 28.80			
R. H.	100 %	24 hr. Mov. 065	Sea L. 30.07	0700	1300	1900
Ppn. Liq.	0.03 in.	Prev. Dir. S	3 hr. Tend. +0	Clds. ⊙	Clds. 9 Act's	Clds. 2 Ac
Ppn. Sol.	- in.	Grnd. Cur. -	Observer JS	Wx ≡ 2	Wx	Wx
				Vis. 4 1/2	Vis. 15	Vis. 15

OCT 2 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	74 ° F	Dir.	Temp.			
			76			
Min.	45 ° F	Vel.	Read.			
		calm m.p.h.	28.76			
Set	55 ° F	Char.	Corr.			
			28.63			
R. H.	100 %	24 hr. Mov.	Sea L.	0700	1300	1900
		047	29.89	Clds.	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	7Ac	1Ac 3Cu	clear
		SW	-017	Wx	Wx	Wx
				= 0		
Ppn.	Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
			CPLH	6	20	20

OCT 3 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. NE	Temp. 77			
Min.	54 °F	Vel. 3 m.p.h.	Read. 28.78			
Set	54 °F	Char. steady	Corr. 28.64	0700	1300	1900
R. H.	100 %	24 hr. Mov. 075	Sea L. 29.90	Clds. obsc	Clds. clear	Clds. clear
Ppn.	Liq. —	Prev. Dir. SW	3 hr. Tend. +15/	Wx ≡ ²	Wx	Wx
Ppn.	Sol. —	Grnd. Cur. — in.	Observer GPA	Vis. 1/10	Vis. 20	Vis. 15

OCT 4 1951 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	82 ° F	Dir. E	Temp. 78			
Min.	54 ° F	Vel. 3 m.p.h.	Read. 28.84			
Set	60 ° F	Char. variable	Corr. 28.70	0700	1300	1900
R. H.	95 %	24 hr. Mov. 100	Sea L. 29.95	Clds. obsc	Clds. 3 sc	Clds. 1 C;
Ppn. Liq.	— in.	Prev. Dir. SE	3 hr. Tend. +03	Wx ≡ ^o	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer C/M	Vis. 4	Vis. 20	Vis. 20

OCT 5 1951

0700 EST

State College, -
General Obs.

Temp.		Wind	Barom.			
Max.	76 ° F	Dir.	Temp.	9 2100 14 2200-2215		
			79			
Min.	51 ° F	Vel.	Read.			
		Calm m.p.h.	28.79			
Set	52 ° F	Char.	Corr.	0700	1300	1900
			28.65	Clds.	Clds.	Clds.
R. H.	100 %	24 hr. Mov.	Sea L.	clear	clear	clear
		036		Wx	Wx	Wx
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	=		
		NE	+04J	Vis.	Vis.	Vis.
Ppn. Sol.		Grnd. Cur.	Observer	15	15	15
			BPH.			

Oct 6

1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind		Barom.				
Max.		Dir.		Temp.				
89 ° F		W		77				
Min.		Vel.		Read.				
52 ° F		3 m.p.h.		28.82				
Set		Char.		Corr.				
62 ° F		Vac.		28.68		0700	1300	1900
R. H.		24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
90 %		079		29.93		7 Cu	1 Cu	5 As
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
T	in.	SW		+20				
Ppn.	Sol.	Grnd. Cur.		Observer		Vis.	Vis.	Vis.
—	in.	—	in.	644		10	15	15

OCT 8 1951 0700 EST

General Obs.

Temp.		Wind	Barom.	0750-0805		
Max.	Dir.	Temp. °				
56 ° F	WSW	74				
Min.	Vel.	Read.				
45 ° F	12 m.p.h.	28.82				
Set	Char.	Corr.	0700	1300	1900	
45 ° F	Gusty	28.69	Clds.	Clds.	Clds.	
R. H.	24 hr. Mov.	Sea L.	10sc	8 Cu	6 Sc	
65 %	155	29.97	Wx	Wx	Wx	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.				
0.72 in.	SW	+15				
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	GPA.	10	20	20	

OCT 9 1951

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.		
Max.		Dir.	Temp.		
52 ° F		SW	73		
Min.		Vel.	Read.		
37 ° F		1 m.p.h.	28.96		
Set		Char.	Corr.		
38 ° F		Var.	28.83		
R. H.		24 hr. Mov.	0700	1300	1900
72 %		200	Clds.	Clds.	Clds.
		30.13	7 Sc	6 Sc	5 Ac
Ppn. Liq.		Prev. Dir.	Wx	Wx	Wx
T in.		W			
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.
- in.		- in.	6 P.H.	10	15
				15	15

OCT 10 1951

0700 EST

Meteorology State College, Pa.
General Obs.

Temp.		Wind	Barom.	W ² Killing		
Max.	55 ° F	Dir. NE.	Temp. 73			
Min.	34 ° F	Vel. / m.p.h.	Read. 29.11			
Set	34 ° F	Char. Var.	Corr. 28.98			
R. H.	100 %	24 hr. Mov. 070	Sea L. 30.30	0700 Clds. obsc.	1300 Clds. 7Cu	1900 Clds. 9Ac
Ppn.	Liq. — in.	Prev. Dir. N	3 hr. Tend. +16	Wx ≡ ²	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GPH.	Vis. 1/8	Vis. 15	Vis. 15

OCT 11 1951

0700 EST

State ... General Obs.

Temp.		Wind	Barom.	0615-0630 0° 0730-1730 0-1		
Max.	56 °F	Dir. W	Temp. 75			
Min.	34 °F	Vel. 1 m.p.h.	Read. 28.89			
Set	44 °F	Char. Var.	Corr. 28.76	0700	1300	1900
R. H.	84 %	24 hr. Mov. 073	Sea L.	Clds. 10Ns	Clds. 10Ns	Clds. 10As
Ppn.	Liq. T in.	Prev. Dir. NE	3 hr. Tend. -01V	Wx ☺	Wx •	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GPH.	Vis. 15	Vis. 6	Vis. 15

OCT 13 1951

0700 EST

State College, -
General Obs.

Temp.		Wind	Barom.	LJ ²		
Max.	60 ° F	Dir. calm	Temp. 78			
Min.	32 ° F	Vel. - m.p.h.	Read. 29.38			
Set	33 ° F	Char. -	Corr. 29.24	0700	1300	1900
R. H.	100 %	24 hr. Mov. 085	Sea L. 30.52	Clds. clear	Clds. clear	Clds. clear
Ppn. Liq.	- in.	Prev. Dir. NW	3 hr. Tend. +20	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. -	Observer 95	Vis. 15	Vis. 22	Vis. 20

OCT 14 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind	Barom.		
Max.	60 ° F	Dir. calm	Temp.	78	
Min.	33 ° F	Vel. — m.p.h.	Read.	29.41	
Set	36 ° F	Char. —	Corr.	29.27	
R. H.	100 %	24 hr. Mov.	Sea L.	30.55	
Ppn.	— in.	Prev. Dir.	3 hr. Tend.	+5	
Ppn.	— in.	Grnd. Cur.	Observer	95	
L'					
			0700	1300	1900
			Clds.	Clds.	Clds.
			clear	6 Sc	3 Fc
			Wx	Wx	Wx
			Vis.	Vis.	Vis.
			10	20	15

OCT 15 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	60 ° F	Dir. calm	Temp. 78			
Min.	36 ° F	Vel. - m.p.h.	Read. 29.20			
Set	44 ° F	Char. —	Corr. 29.06	0700	1300	1900
R. H.	100 %	24 hr. Mov. 090	Sea L. 30.33	Clds. 4 Ac	Clds. 1-C, Fc	Clds. clear
Ppn.	Liq. — in.	Prev. Dir. S	3 hr. Tend. +2	Wx	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer JS	Vis. 18	Vis. 20	Vis. 17

OCT 16 1951

0700 EST

State College General Obs.

Temp.		Wind	Barom.			
Max.	70 ° F	Dir.	Temp.			
		N	78			
Min.	43 ° F	Vel.	Read.			
		2 m.p.h.	29.20			
Set	44 ° F	Char.	Corr.	0700	1300	1900
		steady	29.06	Clds.	Clds.	Clds.
R. H.	100 %	24 hr. Mov.	Sea L.	⊗	1-Fe	clear
		075	30.31	Wx	Wx	Wx
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	≡		
-	in.	S	+10	Vis.	20	15
Ppn.	Sol.	Grnd. Cur.	Observer	4 1/8		
-	in.	- in.	95			

OCT 17 1951

0700 EST

Meteorology
State College, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	72 ° F	Dir.	calm	Temp.	78			
Min.	44 ° F	Vel.	- m.p.h.	Read.	29.24			
Set	44 ° F	Char.	—	Corr.	29.10	0700	1300	1900
R. H.	100 %	24 hr. Mov.	050	Sea L.	30.35	Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	E	3 hr. Tend.	+20	Wx	Wx	Wx
Ppn.	— in.	Grnd. Cur.	— in.	Observer	95	Vis.	13	10
						⊗	clear	clear
						≡ 2		
						< 1/8		

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OCT 18 1951

0700 EST

Meteorological Observations
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	72° F	Dir. calm	Temp. 78			
Min.	44° F	Vel. - m.p.h.	Read. 29.26			
Set	45° F	Char. -	Corr. 29.12	0700	1300	1900
R. H.	100 %	24 hr. Mov. 045	Sea L. 30.37	Clds. clear	Clds. 4 C ₄	Clds. 2 C ₁
Ppn. Liq.	- in.	Prev. Dir. NE	3 hr. Tend. +8	Wx ≡°	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. -	Observer 95	Vis. 2	Vis. 15	Vis. 10

OCT 19 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	☼ 1600-1615		
Max.	69 ° F	Dir. SW	Temp. 78			
Min.	45 ° F	Vel. 3 m.p.h.	Read. 29.04			
Set	54 ° F	Char. steady	Corr. 28.90	0700	1300	1900
R. H.	90 %	24 hr. Mov. 090	Sea L. 30.15	Clds. 10Sc -	Clds. 10Sc	Clds. clear
Ppn.	Liq. — in.	Prev. Dir. E	3 hr. Tend. -2	Wx ∞ M	Wx	Wx
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer 95	Vis. 5	Vis. 10	Vis. 12

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OCT 20 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	65 ° F	Dir.	Temp.			
		calm	78			
Min.	35 ° F	Vel.	Read.			
		- mph.	29.12			
Set	35 ° F	Char.	Corr.			
		-	28.98			
R. H.	96 %	24 hr. Mov.	Sea L.	0700	1300	1900
		105	30.25	Clds.	Clds.	Clds.
Ppn. Liq.	T in.	Prev. Dir.	3 hr. Tend.	1-AC	2C1	2C1
		NW	+10	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
		- in.	95	12	20	15

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OCT 21 1951

0700 EST

Meteorological Observatory,
State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.		Dir.	Temp.			
60 ° F		calm	70			
Min.		Vel.	Read.			
35 ° F		- m.p.h.	29.08			
Set		Char.	Corr.			
40 ° F		-	28.96	0700	1300	1900
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
90 %		052	30.23	10Sc-	clear	3Ci
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
-	in.	SE	+20		∞	∞
Ppn.	Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
-	in.	- in.	95	12	7	7

OCT 22 1951

0700 EST

Meteorology
State College, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	63 ° F	Dir. SE	Temp. 76			
Min.	40 ° F	Vel. 3 m.p.h.	Read. 29.17			
Set	56 ° F	Char. steady	Corr. 29.03	0700	1300	1900
R. H.	100 %	24 hr. Mov. 090	Sea L. 30.28	Clds. 10St	Clds. 10St	Clds. 9+Sc-
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +6	Wx ≡°	Wx ∞	Wx ∞
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer JS	Vis. 3	Vis. 4	Vis. 6

OCT 23 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	60 ° F	Dir.	S	Temp.	78			
Min.	56 ° F	Vel.	5 m.p.h.	Read.	29.16			
Set	59 ° F	Char.	Steady	Corr.	29.02	0700	1300	1900
R. H.	96 %	24 hr. Mov.	120	Sea L.	30.27	Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+2	9+Sc-	10Sc	clear
Ppn.	— in.	Grnd. Cur.	— in.	Observer	95	Wx	Wx	Wx
						≡°	∞	
						Vis.	Vis.	Vis.
						4	6	10

OCT 24 1951

0700 EST

State College, Pa.
General Obs.

1130 - 1600 •-1

Temp.		Wind		Barom.				
Max.	65 ° F	Dir.	SW	Temp.	76			
Min.	59 ° F	Vel.	5 m.p.h.	Read.	28.90			
Set	61 ° F	Char.	Steady	Corr.	28.76	0700	1300	1900
R. H.	86 %	24 hr. Mov.	160	Sea L.	30.00	Clds.	Clds.	Clds.
Ppn.	-	Prev. Dir.	5	3 hr. Tend.	-12	9+Sc	10 NS	9+Sc
Liq.	-					Wx	Wx	Wx
Ppn.	-	Grnd. Cur.	-	Observer	75	Vis.	Vis.	Vis.
Sol.	-					10	3	10

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OCT 25 1951

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	68 ° F	Dir. W	Temp. 76			
Min.	45 ° F	Vel. 12 m.p.h.	Read. 29.08			
Set	47 ° F	Char. gusty	Corr. 28.94	0700	1300	1900
R. H.	80 %	24 hr. Mov. 275	Sea L. 30.20	Clds. 10 Sc-	Clds. TC, FS	Clds. clear
Ppn. Liq.	.42 in.	Prev. Dir. SW	3 hr. Tend. +25	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer JS	Vis. 20	Vis. 22	Vis. 20

OCT 26 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	Dir.	Temp.	☉ .1000 - 1600			
60 ° F	SW	78				
Min.	Vel.	Read.				
37 ° F	2 m.p.h.	29.22				
Set	Char.	Corr.				
37 ° F	Variable	29.08				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
100 %	130	30.35	Clds.	Clds.	Clds.	
			7Clden	10C6	10Cs	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
- in.	NW	+ 2				
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
- in.	- in.	95	12	15	10	

OCT 27 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	1645-2400 0-1		
Max.	65 °F	Dir. SSW	Temp. 77			
Min.	36 °F	Vel. 4 m.p.h.	Read. 28.87			
Set	52 °F	Char. steady	Corr. 28.73			
R. H.	72 %	24 hr. Mov. 080	Sea L.	0700	1300	1900
Ppn. Liq.	—	Prev. Dir. SW	3 hr. Tend. -01-	Clds. 3C, 5AcAs	Clds. 1DAs	Clds. 1DNs
Ppn. Sol.	—	Grnd. Cur. — in.	Observer BPA	Wx	Wx	Wx
				Vis. 8	Vis. 8	Vis. 5

OCT 28 1951

0700 EST

Metereological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	63 ° F	Dir. calm	Temp. 78	0000 - 1200 2130 - 2135 2030 - 2400		
Min.	47 ° F	Vel. m.p.h.	Read. 28.55	0-1 V ///		
Set	48 ° F	Char. calm	Corr. 28.41	0700	1300	1900
R. H.	100 %	24 hr. Mov. 082	Sea L. 29.68	Clds. 10Ns	Clds. 10St.	Clds. 4Sc
Ppn. Liq.	0.48 in.	Prev. Dir. W	3 hr. Tend. -22	Wx .	Wx	Wx
Ppn. Sol.	in.	Grnd. Cur. in.	Observer B/M	Vis. 2	Vis. 10	Vis. 15

✓ OCT 29 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. NW	Temp. 76	0030-0035 V°		
Min.	37 °F	Vel. 1 m.p.h.	Read. 28.83			
Set	37 °F	Char. variable	Corr. 28.69			
R. H.	70 %	24 hr. Mov. 210	Sea L. 29.99	0700 Clds. <1sc	1300 Clds. 9Ci	1900 Clds. 9Ci
Ppn. Liq.	0.05 in.	Prev. Dir. NW	3 hr. Tend. +30	Wx	Wx	Wx
Ppn. Sol.	in.	Grnd. Cur. in.	Observer GPH.	Vis. 30	Vis. 20	Vis. 20

007 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	52 ° F	Dir.	NW	Temp.	1215-1230 °		
Min.	37 ° F	Vel.	2 m.p.h.	Read.			
Set	42 ° F	Char.	staly	Corr.			
R. H.	68 %	24 hr. Mov.	092	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Grnd. Cur.	— in.	Observer	9Ac	10A ₂ A.	5A ₃
					Wx	Wx	Wx
					Vis.	Vis.	Vis.
					25	25	25

OCT 31 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	51 ° F	Dir. WSW	Temp. 76	1330-1335 \bar{v} 2310-2400 Δ		
Min.	42 ° F	Vel. 6 m.p.h.	Read. 28.76			
Set	48 ° F	Char. stdy	Corr. 28.63			
R. H.	90 %	24 hr. Mov. 070	Sea L. 29.90	0700 Clds. 10Sc	1300 Clds. 10Sc	1900 Clds. 7C _s 2A _s
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. -01	Wx	Wx	Wx
Ppn. Sol.	T in.	Grnd. Cur. — in.	Observer GPA.	Vis. 8	Vis. 20	Vis. 10