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DEC 1 1951

0700 EST

Meteorological State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 ° F	Dir. SW	Temp. 76			
Min.	30 ° F	Vel. 1 m.p.h.	Read. 29.06			
Set	31 ° F	Char. Variable	Corr. 28.92	0700	1300	1900
R. H.	98 %	24 hr. Mov. 060	Sea L. 30.24	Clds. 1Ci	Clds. Clear	Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +01 ✓	Wx = <i>my</i>	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 8	Vis. 10	Vis. 10

DEC 2 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. ^{sp.}	Dir.	Temp.				
53 ° F	SW	76				
Min.	Vel.	Read.				
31 ° F	1 m.p.h.	29.05				
Set	Char.	Corr.				
39 ° F	Variable	28.91	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
68 %	100	30.23	Clear	Clear	Clear	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
— in.	SW	+18 ✓				
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	GAH	8	15	15	

DEC 3 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	57 ° F	Dir. —	Temp. 77			
Min.	31 ° F	Vel. Calm m.p.h.	Read. 29.15			
Set	31 ° F	Char. —	Corr. 29.01			
R. H.	100 %	24 hr. Mov. 051	Sea L. 30.33	0700 Clds. clear	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +081	Wx =	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPAH	Vis. 2	Vis. 15	Vis. 10

DEC 4 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	0600-0710 33 1340-2400 .0-1			
50 ° F	N	74				
Min.	Vel.	Read.				
30 ° F	4 m.p.h.	28.93				
Set	Char.	Corr.				
47 ° F	Variable	28.80				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
100 %	095	30.08	Clds.	Clds.	Clds.	
			10st			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	SE	-012	33			
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	GPH.	3			

DEC 5 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 54 ° F	Dir. SW	Temp. 72	0000 - 0800 .0-2 0700 - 2400 1st			
Min. 46 ° F	Vel. 4 m.p.h.	Read. 28.74				
Set 50 ° F	Char. steady	Corr. 28.62				
R. H. 100 %	24 hr. Mov. 100	Sea L. 29.89	0700 Clds. 10st	1300 Clds. 10st	1900 Clds. 10st	
Ppn. Liq. 1.28 in.	Prev. Dir. SE	3 hr. Tend. +02 ✓	Wx SS ≡	Wx SS	Wx SS ≡	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer E.P.H.	Vis. 2	Vis. 1	Vis. 1	

DEC 6 1951

0700 EST

Meteorology State College, Pa.

General Obs.

Temp.		Wind	Barom.	0000-0600 °		
Max.	Dir.	Temp.				
53 ° F	SW	69				
Min.	Vel.	Read.				
47 ° F	5 m.p.h.	28.75				
Set	Char.	Corr.				
47 ° F	steady	28.63	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
98 %	082	30.01	5As	clear	clear	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.10 in.	SW	+22				
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	GPH.	10	20	25	

✓ UEC 7 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.	0745 } 46°		
62 °F		SW	68	1410-1410 0°		
Min.		Vel.	Read.	1650- 1650 18°		
47 °F		7 m.p.h.	28.88	1530-1830 0°-1		
Set		Char.	Corr.			
52 °F		Steady	28.77	0700	1300	1900
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
55 %		130	30.04	5C, 4As	10As	9Sc
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
- in.		SW	+05T			
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
- in.		- in.	GPA.	25	20	15

DEC 9 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 53 ° F		Dir. SW	Temp. 84	0000 - 0100 .0-1 0410 - 1200 .0-1 1600 - 1630 0		
Min. 41 ° F		Vel. 8 m.p.h.	Read. 28.74			
Set 47 ° F		Char. Steady	Corr. 28.59			
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
100 %	100	29.86	Clds. 10Ns	Clds. 10Sc	Clds. 10Sc	
Ppn. Liq. 0.10 in.	Prev. Dir. NE	3 hr. Tend. -36	Wx 61	Wx	Wx	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer GPH.	Vis. 3	Vis. 12	Vis. 15	

✓ DEC 8 1951 0700 EST

General Obs.

Temp.		Wind	Barom.			
Max.	63 ° F	Dir. W	Temp. 78	2130-2400 °		
Min.	52 ° F	Vel. 8 m.p.h.	Read. 29.00			
Set	53 ° F	Char. steady	Corr. 28.86	0700	1300	1900
R. H.	50 %	24 hr. Mov. 165	Sea L. 30.11	Clds. 5 Sc	Clds. 10 AcAs	Clds. 5A, 5Cs
Ppn. Liq.	.18 in.	Prev. Dir. SW	3 hr. Tend. +20 ✓	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer AS	Vis. 15	Vis. 20	Vis. 20

DEC 10 1951

0700 EST

State College, Pa.
General Obs.

Temp.		Wind		Barom.		0600 - 1200 [*] †		
Max.	53 ° F	Dir.	WNW	Temp.	80			
Min.	33 ° F	Vel.	18 m.p.h.	Read.	28.95			
Set	34 ° F	Char.	Gusty	Corr.	28.80			
R. H.	66 %	24 hr. Mov.	270	Sea L.	30.11	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	WNW	3 hr. Tend.	+10 ✓	Clds.	Clds.	Clds.
	0.12 in.					10sc	9+Sc	9+Sc
Ppn.	Sol.	Grnd. Cur.	— in.	Observer	GAH	Wx	Wx	Wx
	T in.					* †		
						Vis.	Vis.	Vis.
						15	20	20

DEC 11 1951

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.	1200-1800		
Max.	35 ° F	Dir. SW	Temp. 80			
Min.	28 ° F	Vel. 2 m.p.h.	Read. 28.74			
Set	28 ° F	Char. variable	Corr. 28.59	0700	1300	1900
R. H.	65 %	24 hr. Mov. 175	Sea L. 29.90	Clds. 9+Sc	Clds. 7Cu	Clds. 9+Sc
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. -28	Wx	Wx	Wx
Ppn. Sol.	T in.	Grnd. Cur. - in.	Observer 95	Vis. 12	Vis. 20	Vis. 14

DEC 12 1951

0700 EST

Meteorology
State College, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	35 ° F	Dir. NW	Temp. 64	* 0300 - 0430 0900 - 2400		
Min.	28 ° F	Vel. 9 m.p.h.	Read. 28.35			
Set	29 ° F	Char. steady	Corr. 28.25			
R. H.	78 %	24 hr. Mov. 190	Sea L. 29.56	0700	1300	1900
Ppn.	Liq. .02 in.	Prev. Dir. SW	3 hr. Tend. +10	Clds. 9+AcAs 3Sc	Clds. 8CuSc	Clds. 8CuSc
Ppn.	Sol. .2 in.	Grnd. Cur. .2 in.	Observer JS	Wx	Wx	Wx * ▽
				Vis. 13	Vis. 20	Vis. 10

DEC 13 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.	* ⁰⁻¹ 0000-1800		
Max.	29 ° F	Dir. W	Temp. 70			
Min.	20 ° F	Vel. 8 m.p.h.	Read. 28.66			
Set	20 ° F	Char. Steady	Corr. 28.54			
R. H.	85 %	24 hr. Mov. 230	Sea L. 29.87	0700	1300	1900
Ppn. Liq.	0.02 in.	Prev. Dir. W	3 hr. Tend. +35	Clds. 3Cu Sc	Clds. 7Cu	Clds. 3Cu
Ppn. Sol.	0.3 in.	Grnd. Cur. 0.3 in.	Observer 95	Wx	Wx	Wx
				Vis. 17	Vis. 20	Vis. 20

DEC 14 1951

0700 EST

Meteorological Observatory

State College, Pa.

General Obs.

Temp.		Wind	Barom.	Temp.		
Max.	23 ° F	Dir. W	66	* ⁰⁻¹ 1130 - 2000 2400		
Min.	12 ° F	Vel. 4 m.p.h.	29.08	Δ° 2000 - 2100 Δ° 2100 - 2300 Δ° 2300 - 2400		
Set	14 ° F	Char. variable	28.97			
R. H.	74 %	24 hr. Mov. 210	Sea L. 30.32	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.1	Clds. 10Ac	Clds. ⊙	Clds. ⊗
Ppn.	Sol. T in.	Grnd. Cur. T in.	Observer JS	Wx	Wx *	Wx 1800-65 * *4'
				Vis. 10	Vis. 2	Vis. 2

DEC 15 1951

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 36 ° F	Dir. W	Temp. 68		19° 0000 - 0400 14° 0400 - 1800		
Min. 14 ° F	Vel. 16 m.p.h.	Read. 28.45				
Set 26 ° F	Char. strong gusts	Corr. 28.33		0700	1300	1900
R. H. 75 %	24 hr. Mov. 165	Sea L. 29.66	Clds. 10Sc	Clds. 8Cu Sc	Clds. 3Cu	
Ppn. Liq. 0.88 in.	Prev. Dir. SE	3 hr. Tend. +65	Wx * ∇	Wx	Wx	
Ppn. Sol. 6.0 in.	Grnd. Cur. 4.5 in.	Observer P	Vis. 10	Vis. 20	Vis. 20	

DEC 1 1954

0700 EST

Meteorological Observatory

State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	26° F	Dir. W	Temp. 68			
Min.	3° F	Vel. 4 m.p.h.	Read. 29.12			
Set	3° F	Char. steady	Corr. 29.00	0700	1300	1900
R. H.	70 %	24 hr. Mov. 280	Sea L. 30.36	Clds. 1-Fc	Clds. 1-Ac Fc	Clds. clear
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +30	Wx	Wx	Wx
Ppn. Sol.	T in.	Grnd. Cur. 4 in.	Observer 95	Vis. 20	Vis. 15	Vis. 12

DEC 17 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	9 ° F	Dir. SW	Temp. 64	1500 (2) on file		
Min.	-2 ° F	Vel. 5 m.p.h.	Read. 29.30			
Set	-2 ° F	Char. steady	Corr. 29.19	0700	1300	1900
R. H.	70 %	24 hr. Mov. 175	Sea L. 30.58	Clds. clear	Clds. clear	Clds. clear
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. +10	Wx	Wx	Wx
Ppn. Sol.	0 in.	Grnd. Cur. 3.5 in.	Observer 95	Vis. 10	Vis. 20	Vis. 12

DEC 18 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.	* 0600 - 1200 * 1200 - 1400 * 1400 - 2400		
Max.	21 ° F	Dir. SW	Temp. 66			
Min.	-2 ° F	Vel. 4 m.p.h.	Read. 28.72			
Set	18 ° F	Char. Steady	Corr. 28.61			
R. H.	90 %	24 hr. Mov. 120	Sea L. 29.97	0700	1300	1900
Ppn. Liq.	.04 in.	Prev. Dir. SW	3 hr. Tend. -70v	Clds. ☉	Clds. ☉	Clds. 9+Sc
Ppn. Sol.	0.4 in.	Grnd. Cur. 3.5 in.	Observer 95	Wx *'	Wx ☉*	Wx *°
				Vis. 1/2	Vis. 2	Vis. 2

✓ DEC 19 1951

0700 EST

Meteorological Observations
State College, Pa.

General Obs.

Temp.		Wind	Barom.	1030 @ in. den.		
Max.	31 ° F	Dir. W	Temp. 68			
Min.	15 ° F	Vel. 4 m.p.h.	Read. 28.99			
Set	16 ° F	Char. steady	Corr. 28.87	0700	1300	1900
R. H.	75 %	24 hr. Mov. 230	Sea L. 30.21	Clds. 9+Sc	Clds. 9+AcAs 5Sc	Clds. clear
Ppn. Liq.	0.58 in.	Prev. Dir. W	3 hr. Tend. +50	Wx	Wx	Wx
Ppn. Sol.	6.0 in.	Grnd. Cur. 9 in.	Observer RS	Vis. 18	Vis. 20	Vis. 15

DEC 20 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind		Barom.		*° 1100 - 1700 *° Δ 1700 - 1800 ~° Δ 1800 - 1830 ~° 1830 - 2000 •° 2000 - 2300 ° 2300 - 2400		
Max.	23 ° F	Dir.	S	Temp.	68			
Min.	11 ° F	Vel.	7 m.p.h.	Read.	29.04			
Set	17 ° F	Char.	Steady	Corr.	28.92			
R. H.	55 %	24 hr. Mov.	090	Sea L.	30.27	0700	1300	1900
Ppn.	Liq. in.	Prev. Dir.	SE	3 hr. Tend.	+15V	Clds.	Clds.	Clds.
	- in.					10Sc	⊗	10Sc
Ppn.	Sol. in.	Grnd. Cur.	9 in.	Observer	95	Wx	Wx	Wx
	- in.						X'	~'
						Vis.	Vis.	Vis.
						10	1	2

DEC 21 1951

0700 EST

Meteorological Observatory

State College, Pa.

General Obs.

Temp.		Wind	Barom.	∇ ° 1230 - 1500		
Max.	34 ° F	Dir. SW	Temp. 70			
Min.	16 ° F	Vel. 2 m.p.h.	Read. 28.33			
Set	33 ° F	Char. variable	Corr. 28.21	0700	1300	1900
R. H.	100 %	24 hr. Mov. 110	Sea L. 29.52	Clds. 10Ac	Clds. 10Sc	Clds. 8CaSc
Ppn. Liq.	1.05 in.	Prev. Dir. S	3 hr. Tend. +0.1	Wx	Wx v	Wx
Ppn. Sol.	3.5 in.	Grnd. Cur. 10 in.	Observer 9S	Vis. 10	Vis. 8	Vis. 10

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DEC 22 1951

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	46 ° F	Dir. SW	Temp. 68			
Min.	20 ° F	Vel. 11 m.p.h.	Read. 28.78			
Set	20 ° F	Char. gusty	Corr. 28.66	0700	1300	1900
R. H.	60 %	24 hr. Mov. 240	Sea L. 29.97	Clds. 3C _u F _e	Clds. 3C _u hum F _e	Clds. clear
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +22	Wx	Wx	Wx
Ppn.	Sol. - in.	Grnd. Cur. 9 in.	Observer 95	Vis. 15	Vis. 20	Vis. 15

✓ DEC 23 1951

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	24 ° F	Dir. calm	Temp. 70			
Min.	14 ° F	Vel. - m.p.h.	Read. 29.08			
Set	14 ° F	Char. -	Corr. 28.96	0700	1300	1900
R. H.	70 %	24 hr. Mov. 190	Sea L. 30.30	Clds. 8C, Cs	Clds.	Clds.
Ppn.	Liq. - in.	Prev. Dir. SW	3 hr. Tend. +10	Wx	Wx	Wx
Ppn.	Sol. - in.	Grnd. Cur. 8 in.	Observer 95	Vis. 10	Vis.	Vis.

DEC 25 1951

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	34 ° F	Dir. calm	Temp. 70	Δ° 1230 - 1330 Δ° *° 1330 - 1400 *° 1400 - 2400		
Min.	22 ° F	Vel. — m.p.h.	Read. 29.23			
Set	23 ° F	Char. —	Corr. 29.11			
R. H.	60 %	24 hr. Mov. 125	Sea L. 30.43	0700	1300	1900
Ppn.	— in.	Prev. Dir. W	3 hr. Tend. -5	Clds. 10As	Clds. 10As	Clds. ☉
Ppn.	— in.	Grnd. Cur. 78 in.	Observer 95	Wx	Wx Δ°	Wx *°
Sol.	— in.			Vis. 10	Vis. 6	Vis. 5

DEC 23 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 ° F	Dir. NW	Temp. 70			
Min.	23 ° F	Vel. 12 m.p.h.	Read. 28.82			
Set	36 ° F	Char. steady	Corr. 28.70			
R. H.	85 %	24 hr. Mov. 080	Sea L. 30.02	0700 Clds. 10Sc	1300 Clds. 8C _u Fe	1900 Clds. 3 Fe
Ppn. Liq.	0.13 in.	Prev. Dir. SW	3 hr. Tend. +20 ✓	Wx	Wx	Wx
Ppn. Sol.	1.05 in.	Grnd. Cur. 8 in.	Observer 95	Vis. 10	Vis. 20	Vis. 15

DEC 27 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 36 ° F		Dir. W	Temp. 68	* 0800 - 1500		
Min. 21 ° F		Vel. 12 m.p.h.	Read. 29.17			
Set 21 ° F		Char. gusty	Corr. 29.05	0700	1300	1900
R. H. 65 %		24 hr. Mov. 220	Sea L. 30.38	Clds. 5Sc Fe	Clds. 8Cu Sc	Clds. clear
Ppn. Liq. — in.		Prev. Dir. W	3 hr. Tend. +20	Wx	Wx. * ▽	Wx
Ppn. Sol. — in.		Grnd. Cur. 7 in.	Observer 95	Vis. 17	Vis. 15	Vis. 20

✓ DEC 28 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	25 ° F	Dir. W	Temp. 70	1230 - 1345 *° 1500 - 1600 *°		
Min.	11 ° F	Vel. 3 m.p.h.	Read. 29.20			
Set	11 ° F	Char. Steady	Corr. 29.08			
R. H.	82 %	24 hr. Mov. 205	Sea L. 30.40	0700 Clds. 8AcAs-	1300 Clds. 10As	1900 Clds. 5A, 5C
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. -0V	Wx	Wx **	Wx
Ppn. Sol.	T in.	Grnd. Cur. 7 in.	Observer JS	Vis. 10	Vis. 10	Vis. 20

DEC 29 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. SW	Temp. 68	0630-0650 *° 2000-2200 ↓		
Min.	11 °F	Vel. 9 m.p.h.	Read. 28.90			
Set	29 °F	Char. steady	Corr. 28.78			
R. H.	87 %	24 hr. Mov. 130	Sea L. 30.07	0700 Clds. 10As	1300 Clds. 10As	1900 Clds. 10As
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. +00 ✓	Wx	Wx	Wx
Ppn. Sol.	T in.	Grnd. Cur. 7 in.	Observer GAD.	Vis. 15	Vis. 15	Vis. 15

DEC 30 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. NE	Temp. 68	0830 - 1800 °-1		
Min.	29 °F	Vel. 3 m.p.h.	Read. 28.69			
Set	34 °F	Char. Variable	Corr. 28.57			
R. H.	100 %	24 hr. Mov. 100	Sea L. 29.88	0700 Clds. 10As	1300 Clds. 10Ns	1900 Clds. 10St
Ppn. Liq.	.02 in.	Prev. Dir. SW	3 hr. Tend. -107	Wx	Wx ≡ ° (19)	Wx ≡ 2
Ppn. Sol.	- in.	Grnd. Cur. 6 in.	Observer GCH.	Vis. 8	Vis. 3	Vis. 1/4

DEC 31 1951

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	37 ° F	Dir. NE	Temp. 72	0800 - 1100 0°		
Min.	34 ° F	Vel. 3 m.p.h.	Read. 28.94			
Set	36 ° F	Char. Variable	Corr. 28.81			
R. H.	100 %	24 hr. Mov. 045	Sea L. 30.12	0700 Clds. 10st	1300 Clds. 10st	1900 Clds. 10st.
Ppn. Liq.	0.23 in.	Prev. Dir. NE	3 hr. Tend. +15J	Wx	Wx	Wx ≡
Ppn. Sol.	0 in.	Grnd. Cur. ^{h-to} _{w/s} 5 in.	Observer C.P.H.	Vis. 4	Vis. 5	Vis. 2