

OCT 1 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	90 ° F	Dir. N	Temp. 81			
Min.	55 ° F	Vel. 2 m.p.h.	Read. 29.17			
Set	56 ° F	Char. Var.	Corr. 29.12			
R. H.	60 %	24 hr. Mov. 105	Sea L. 30.38	0700 Clds. clear	1300 Clds. 8 c	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +28	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPK	Vis. 25	Vis. 25	Vis. 20

Meteorological Observatory
State College, Pa.

OCT 2 1953 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. —	Temp. 78			
Min.	41 °F	Vel. — m.p.h.	Read. 29.29			
Set	42 °F	Char. calm	Corr. 29.15	0700	1300	1900
R. H.	90 %	24 hr. Mov. 060	Sea L. 30.44	Clds. clear	Clds. clear	Clds. clear
Ppn. Liq.	— in.	Prev. Dir. NE	3 hr. Tend. +13	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer C.M.H.	Vis. 20	Vis. 20	Vis. 20

OCT 3 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
75 ° F	—	77				
Min.	Vel.	Read.				
42 ° F	— m.p.h.	29.27				
Set	Char.	Corr.				
44 ° F	Caln	29.13				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
95 %	NE 45	30.41	Clds.	Clds.	Clds.	
			clear	clear	clear	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
— in.	NE	+11				
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	6 PM.	15	15	15	

OCT 4 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	1800-1910 \bar{v} 2130-2400 \bar{v}			
77 °F	WSW	77				
Min.	Vel.	Read.				
44 °F	2 m.p.h.	29.05				
Set	Char.	Corr.				
53 °F	Var.	28.91				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
78 %	100	30.17	Clds.	Clds.	Clds.	
			10Cs	10Cs	10Cb	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
— in.	SW	-05			\bar{v}	
Ppn. Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.	
— in.	— in.	BPH.	25	20	8	

OCT 5 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 80 ° F	Dir. NNE	Temp. 79	6000-0800 V 0900-2400 101			
Min. 49 ° F	Vel. 10 m.p.h.	Read. 28.91				
Set 49 ° F	Char. Gusty	Corr. 28.77				
R. H. 92 %	24 hr. Mov. 097	Sea L. 30.04	0700 Clds. 10st	1300 Clds. 10st	1900 Clds. 10st	
Ppn. Liq. 0.38 in.	Prev. Dir. SW	3 hr. Tend. +02J	Wx .	Wx .	Wx .	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer GPN.	Vis. 8	Vis. 6	Vis. 6	

OCT 6 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. N	Temp. 73	0500 - 0730 101 0730 - 1730 99 015301645		
Min.	45 °F	Vel. 4 m.p.h.	Read. 28.58			
Set	45 °F	Char. Steady	Corr. 28.45			
R. H.	100 %	24 hr. Mov. 110	Sea L. 29.73	0700 Clds. 10st.	1300 Clds. 10st.	1900 Clds. 105c
Ppn. Liq.	0.28 in.	Prev. Dir. NE	3 hr. Tend. +08 mm	Wx •	Wx 99	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer EPAH.	Vis. 3	Vis. 4	Vis. 15

OCT 7 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 ° F	Dir. NW	Temp. 71	0905 v		
Min.	40 ° F	Vel. 8 m.p.h.	Read. 28.90			
Set	40 ° F	Char. steady	Corr. 28.78			
R. H.	75 %	24 hr. Mov. 137	Sea L. 30.07	0700 Clds. 5Sc	1300 Clds. 5Sc	1900 Clds. clear
Ppn. Liq.	0.03 in.	Prev. Dir. NW	3 hr. Tend. +30	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer BPH.	Vis. 25	Vis. 25	Vis. 25

OCT 8 1953

0700 EST

State College, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	48 ° F	Dir. —	Temp. 66			
Min.	31 ° F	Vel. — m.p.h.	Read. 29.13			
Set	32 ° F	Char. calm	Corr. 29.02	1st Killing Frost		
R. H.	95 %	24 hr. Mov. 128	Sea L. 30.34	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir. NW	3 hr. Tend. +10 ✓	Clds. Clear	Clds. clear	Clds. 2 Ci
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer BPH	Wx W ²	Wx	Wx
				Vis. 25	Vis. 25	Vis. 25

OCT 9 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. N	Temp. 67	W°		
Min.	32 °F	Vel. 1 m.p.h.	Read. 28.98			
Set	34 °F	Char. variable	Corr. 28.87			
R. H.	100 %	24 hr. Mov. 037	Sea L. 30.18	0700 Clds. 8 Ci film	1300 Clds. 2 Ci	1900 Clds. 2 Ci
Ppn. Liq.	— in.	Prev. Dir. SE	3 hr. Tend. -02	Wx = W°	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH.	Vis. 6	Vis. 25	Vis. 20

OCT 10 1953

0700 EST

Meteorological
State College, Pa.

General Obs.

Temp.		Wind	Barom.	L ^o		
Max.	66 ° F	Dir. Calm	Temp. 67			
Min.	34 ° F	Vel. — m.p.h.	Read. 28.84			
Set	35 ° F	Char. Calm	Corr. 28.73	0700	1300	1900
R. H.	100 %	24 hr. Mov. 038	Sea L. 30.04	Clds. obsc	Clds. clear	Clds. 3 Ac As
Ppn.	— in.	Prev. Dir. NE	3 hr. Tend. +00	Wx ≡	Wx	Wx
Ppn.	— in.	Grnd. Cur. — in.	Observer GPA	Vis. 2	Vis. 15	Vis. 15

OCT 11 1953

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.	2255 - 2315 V		
Max.	66 ° F	Dir. SEZ	Temp. 70			
Min.	35 ° F	Vel. 2 m.p.h.	Read. 28.74			
Set	40 ° F	Char. steady	Corr. 28.62			
R. H.	94 %	24 hr. Mov. 035	Sea L. 29.91	0700	1300	1900
Ppn.	Liq. — in.	Prev. Dir. E	3 hr. Tend. 700	Clds. 1c;	Clds. 1c	Clds. 3Ac
Ppn.	Sol. — in.	Grnd. Cur. — in.	Observer GPAH	Wx	Wx	Wx
				Vis. 7	Vis. 05	Vis. 15

OCT 12 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	71 ° F	Dir. NE	Temp. 73			
Min.	40 ° F	Vel. 8 m.p.h.	Read. 28.85			
Set	51 ° F	Char. steady	Corr. 28.72			
R. H.	88 %	24 hr. Mov. 080	Sea L. 29.99	0700 Clds. 10 AcAs	1300 Clds. clear	1900 Clds. Clear
Ppn. Liq.	0.02 in.	Prev. Dir. E	3 hr. Tend. +29	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer GPH.	Vis. 9	Vis. 20	Vis. 20

OCT 13 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.	L ²		
64 ° F		—	72			
Min.		Vel.	Read.			
33 ° F		— m.p.h.	29.24			
Set		Char.	Corr.			
34 ° F		calm	29.11	0700	1300	1900
R. H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
100 %		0.75	30.42	clear	< 10;	clear
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
— in.		NE	+27	pm		
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
— in.		— in.	BPH.	12	20	20

OCT 14 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60 ° F	Dir. —	Temp. 71	L ²		
Min.	32 ° F	Vel. — m.p.h.	Read. 29.25			
Set	33 ° F	Char. Calm	Corr. 29.13			
R. H.	90 %	24 hr. Mov. 051	Sea L. 30.43	0700 Clds. Clear	1300 Clds. Clear	1900 Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. NE	3 hr. Tend. +05	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer G/H.	Vis. 17	Vis. 20	Vis. 15

OCT 15 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
64 °F		SW	70			
Min.		Vel.	Read.			
33 °F		2 m.p.h.	29.00			
Set		Char.	Corr.			
40 °F		variable	28.88			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
100 %		079	30.17	Clds.	Clds.	Clds.
				clear	clear	clear
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		SW	-0.57	≡	∩	∞
	in.					
Ppn.	Sol.	Grnd. Cur.	Observer	Vis.	Vis.	Vis.
			GPH	8	10	10
	in.	in.				

OCT 16 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 ° F	Dir. ESE	Temp. 73			
Min.	40 ° F	Vel. 1 m.p.h.	Read. 28.91			
Set	48 ° F	Char. variable	Corr. 28.78			
R. H.	90 %	24 hr. Mov. SW	Sea L. 30.05	0700 Clds. clear	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. 105	3 hr. Tend. +19.1	Wx ∞	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer G.P.H.	Vis. 6	Vis. 12	Vis. 10

OCT 17 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	71 ° F	Dir. SW	Temp. 72			
Min.	40 ° F	Vel. 1 m.p.h.	Read. 29.08			
Set	41 ° F	Char. variable	Corr. 28.96			
R. H.	95 %	24 hr. Mov. 040	Sea L. 30.25	0700 Clds. <i>clear</i>	1300 Clds. <i>clear</i>	1900 Clds. <i>clear</i>
Ppn. Liq.	- in.	Prev. Dir. NE	3 hr. Tend. +16	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cur. - in.	Observer GPH.	Vis. 15	Vis. 15	Vis. 15

OCT 18 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 ° F	Dir. —	Temp. 72			
Min.	41 ° F	Vel. — m.p.h.	Read. 29.16			
Set	43 ° F	Char. Calm	Corr. 29.04			
R. H.	98 %	24 hr. Mov. 035	Sea L. 30.33	0700 Clds. clear	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. S	3 hr. Tend. +12	Wx ∞	Wx ∞	Wx ∞
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer GPH	Vis. 8	Vis. 8	Vis. 8

OCT 18 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
75 ° F		E	75			
Min.		Vel.	Read.			
43 ° F		1 m.p.h.	29.09			
Set		Char.	Corr.			
51 ° F		Steady	28.96			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
87 %		072	30.23	Clds.	Clds.	Clds.
				clear	clear	4Ac
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
- in.		SSE	+08	✓		
Ppn. Sol.		Grnd. Cur.	Observer	Vis.	Vis.	Vis.
- in.		- in.	GPH.	8	12	12

OCT 20 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 ° F	Dir. Calm	Temp. 76			
Min.	50 ° F	Vel. Calm m.p.h.	Read. 29.08			
Set	52 ° F	Char. Calm	Corr. 28.94			
R. H.	82 %	24 hr. Mov. 70	Sea L. 30.20	0700 Clds. 10 Sc	1300 Clds. 1 Cu	1900 Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +05	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 2	Vis. 15+	Vis. 15+

56

OCT 21 1953

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	77 ° F	Dir. NE	Temp. 75			
Min.	44 ° F	Vel. 1 m.p.h.	Read. 29.20			
Set	46 ° F	Char. Steady	Corr. 29.06	0700	1300	1900
R. H.	100 %	24 hr. Mov. 67	Sea L. 30.32	Clds. Clear	Clds. 5CiCu	Clds. 2Ci
Ppn. Liq.	— in.	Prev. Dir. NE	3 hr. Tend. +10	Wx =	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 2	Vis. 14	Vis. 15

54

OCT 22 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	71 ° F	Dir. NE	Temp. 77			
Min.	47 ° F	Vel. 1 m.p.h.	Read. 29.19			
Set	53 ° F	Char. Steady	Corr. 29.05			
R. H.	100 %	24 hr. Mov.	Sea L.	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir.	3 hr. Tend.	Clds. 10st	Clds. 5CiCc	Clds. 5CiCu
Ppn. Sol.	— in.	Grnd. Cur.	Observer	Wx ≡	Wx	Wx
			CAN	Vis. 2	Vis. 15	Vis. 15

53

OCT 23 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 ° F	Dir. Calm	Temp. 72			
Min.	38 ° F	Vel. Calm m.p.h.	Read. 28.88			
Set	39 ° F	Char. Calm	Corr. 28.75			
R. H.	100 %	24 hr. Mov. 54	Sea L. 30.03	0700 Clds. Clear	1300 Clds. 1 Cu	1900 Clds. Clear
Ppn. Liq.	— in.	Prev. Dir. NE	3 hr. Tend. -10	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 2	Vis. 15	Vis. 15

45

OCT 24 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	71 ° F	Dir. NW	Temp. 75	9 0300 - 0500 99 0500 - 0725 00 1445 - 2045		
Min.	39 ° F	Vel. 1 m.p.h.	Read. 28.59			
Set	48 ° F	Char. Steady	Corr. 28.46			
R. H.	94 %	24 hr. Mov. 47	Sea L. 29.73	0700 Clds. 10NsFc	1300 Clds. 6AcCu	1900 Clds. 10NsSt
Ppn. Liq.	0.01 in.	Prev. Dir. SW	3 hr. Tend. +10	Wx 99	Wx	Wx ..
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 2	Vis. 12	Vis. 2

50

OCT 25 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	58 ° F	Dir.	Calm	Temp.	73			
Min.	47 ° F	Vel.	Calm m.p.h.	Read.	28.84			
Set	50 ° F	Char.	Calm	Corr.	28.71			
R. H.	96 %	24 hr. Mov.	66	Sea L.	29.99	0700	1300	1900
Ppn. Liq.	0.22 in.	Prev. Dir.	NW	3 hr. Tend.	+20	Clds. Fe 8 Sc	Clds. Clear	Clds. 4 Sc
Ppn. Sol.	— in.	Grnd. Cur.	— in.	Observer	CAW	Wx	Wx	Wx
	47					Vis. 12	Vis. 15+	Vis. 15

OCT 26 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 ° F	Dir. Calm	Temp. 71			
Min.	40 ° F	Vel. Calm m.p.h.	Read. 28.98			
Set	41 ° F	Char. Calm	Corr. 28.86			
R. H.	100 %	24 hr. Mov. 74	Sea L. 30.14	0700 Clds. Clear	1300 Clds. Clear	1900 Clds. 4ScCi
Ppn. Liq.	— in.	Prev. Dir. NE	3 hr. Tend. +20	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 3	Vis. 15+	Vis. 15

44

OCT 27 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 64 ° F		Dir. Calm	Temp. 71	9 1220 - 1400		
Min. 39 ° F		Vel. Calm m.p.h.	Read. 28.88	9 1530 - 1900		
Set 44 ° F		Char. Calm	Corr. 28.76	9 1900 - 2000		
				9 2300 - 2400		
R. H. 96 %	24 hr. Mov. 34	Sea L. 30.03	0700 Clds. 10 Sc	1300 Clds. 10 St	1900 Clds. <i>fc</i> 10 Sc Cb	
Ppn. Liq. — in.	Prev. Dir. NW	3 hr. Tend. -05	Wx ≡	Wx ∞	Wx ∇	
Ppn. Sol. — in.	Grnd. Cur. — in.	Observer CAW	Vis. 4	Vis. 6	Vis. 1	

49

OCT 28 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60 ° F	Dir. SW	Temp. 72			
Min.	44 ° F	Vel. 2 m.p.h.	Read. 28.63			
Set	53 ° F	Char. Steady	Corr. 28.50			
R. H.	100 %	24 hr. Mov. 98	Sea L. 29.76	0700 Clds. 2Ac Sc	1300 Clds. 9Sc Cg	1900 Clds. 10Sc
Ppn. Liq.	0.12 in.	Prev. Dir. SE	3 hr. Tend. -05 V	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Vis. 1	Vis. 15+	Vis. 12

55

OCT 29 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 66 ° F		Dir. N	Temp. 73	9 1845 - 2000 99 2000 - 2200		
Min. 50 ° F		Vel. 8 m.p.h.	Read. 28.53			
Set 51 ° F		Char. Steady	Corr. 28.40			
R. H. 82 %		24 hr. Mov. 105	Sea L. 29.67	0700 Clds. 10 ST	1300 Clds. 10 Sc	1900 Clds. 10 Hs ST
Ppn. Liq. — in.		Prev. Dir. NW	3 hr. Tend. +05	Wx	Wx	Wx 9
Ppn. Sol. — in.		Grnd. Cur. — in.	Observer CAW	Vis. 12	Vis. 9	Vis. 4

51

OCT 30 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	56 ° F	Dir. NW	Temp. 68			
Min.	40 ° F	Vel. 6 m.p.h.	Read. 28.82			
Set	42 ° F	Char. Steady	Corr. 28.70			
R. H.	75 %	24 hr. Mov. 228	Sea L. 29.98	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir. NW	3 hr. Tend. +40	Clds. Clear	Clds. Clear	Clds. Clear
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Wx	Wx	Wx
				Vis. 20	Vis. 20	Vis. 20

44

Oct 3 1953

0700 EST

Meteorological Observatory
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 ° F	Dir. SW	Temp. 70			
Min.	42 ° F	Vel. 1 m.p.h.	Read. 29.02			
Set	43 ° F	Char. Steady	Corr. 28.90			
R. H.	68 %	24 hr. Mov. 114	Sea L. 30.17	0700	1300	1900
Ppn. Liq.	— in.	Prev. Dir. NW	3 hr. Tend. +10	Clds. Clear	Clds. 4 Cs	Clds. Clear
Ppn. Sol.	— in.	Grnd. Cur. — in.	Observer CAW	Wx ∞	Wx	Wx
				Vis. 12	Vis. 15	Vis. 15

48