

OCT 1 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 83 ° F	Dir. W *		Temp. 78	0330-0545 ☽		
Min. 68 ° F	Vel. 3 m.p.h.		Read. 29.01			
Set 70 ° F	Char. steady		Corr. 28.87			
R. H. 95 %	24 hr. Mov. 131	Sea L. 30.09	0700 Clds. 9 Ac Sc	1300 Clds. 8 Cu Ac	1900 Clds. 2 Ci Ac	
Ppn. Liq. 0.10 in.	Prev. Dir. SW	3 hr. Tend. +20	Wx	Wx	Wx	
Ppn. Sol. in.	Grnd. Cvr. in.	Observer YRS	Vis. 10	Vis. 20	Vis. 25	

OCT 2 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 ° F	Dir. CALM	Temp. 76	0015 - 0030 $\dot{\gamma}$		
Min.	62 ° F	Vel. CALM m.p.h.	Read. 28.96	1045 - 1215 $\dot{\gamma}$		
Set	64 ° F	Char. CALM	Corr. 28.82			
R. H.	95 %	24 hr. Mov. 55	Sea L. 30.04	0700 Clds. 8C:Ac	1300 Clds. 4Cn	1900 Clds. 2C:Ac
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +00	Wx =	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer YRB	Vis. 4	Vis. 15	Vis. 15

69

OCT 8 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 81 ° F	Dir. CALM	Temp. 80	0725 - 0800 ↓ 1020 - 1330 ↓ 1800 - 1950 ↓			
Mhn. 62 ° F	Vel. CALM m.p.h.	Read. 28.92				
Set 64 ° F	Char. CALM	Corr. 28.77				
R. H. 95 %	24 hr. Mov. 065	Sea L. 30.00	0700 Clds. 10 Sc 5c	1300 Clds. 10 Cu 5c	1900 Clds. 10 Cu 5c	
Ppn. Liq. 0.02 in.	Prev. Dir. SW	3 hr. Tend. -007	Wx =	Wx . . .	Wx . . .	
Ppn. Sol. in.	Grnd. Cvr. in.	Observer TKS	Vis. 4	Vis. 3	Vis. 5	

OCT 4 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 ° F	Dir. SW	Temp. 78	0230 - 0700 2		
Min.	64 ° F	Vel. 15 m.p.h.	Read. 28.78	0700 - 1130 4		
Set	68 ° F	Char. steady	Corr. 28.64	1410 - 1500 4		
R. H.	100 %	24 hr. Mov. 100	Sea L. 29.86	0700 Clds. 10 Sc Ms	1300 Clds. 10 Sc Ac	1900 Clds. 10 Cu Sc
Ppn. Liq.	0.38 in.	Prev. Dir. SW	3 hr. Tend. -1.07	Wx ..	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer YR2	Vis. 5-	Vis. 5	Vis. 4

OCT 5 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. W	Temp. 74	1150 - 2400 ..		
Min.	58 °F	Vel. 2 m.p.h.	Read. 28.93			
Set	60 °F	Char. Steady	Corr. 28.80			
R. H.	100 %	24 hr. Mov. 125	Sea L. 30.03	0700 Clds. 10 Sc	1300 Clds. 10 Nls	1900 Clds. 10 Sc
Ppn. Liq.	0.05 in.	Prev. Dir. W	3 hr. Tend. +12"	Wx ∞	Wx ∞	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer FRS	Vis. 4	Vis. 4	Vis. 6

OCT 6 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	63 ° F	Dir. N.E.	Temp. 76	0000 - 0700 ●●		
Min.	47 ° F	Vel. 8 m.p.h.	Read. 28.90			
Set	48 ° F	Char. Variable	Corr. 28.76			
R. H.	100 %	24 hr. Mov. 140	Sea L. 30.03	0700 Clds. 10ScR	1300 Clds. 10Sc	1900 Clds. 8A6
Ppn. Liq.	0.67 in.	Prev. Dir. N.E	3 hr. Tend. +06	Wx ≡	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer YRB	Vis. 1	Vis. 10	Vis. 25

52

OCT 7 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	57 ° F	Dir. CALM	Temp. 70	Hvy Frost on ground W <sup>2</sup>		
Min.	31 ° F	Vel. CALM m.p.h.	Read. 29.42			
Set	34 ° F	Char. CALM	Corr. 29.30			
R. H.	65 %	24 hr. Mov. 184	Sea L. 30.60	0700 Clds. 2 C	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. N	3 hr. Tend. +35	Wx	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer 918	Vis. 25	Vis. 30+	Vis. 30

OCT 9 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	57 ° F	Dir. SW	Temp. 69	0430 - 0435 D		
Min.	30 ° F	Vel. 5 m.p.h.	Read. 29.08			
Set	48 ° F	Char. steady	Corr. 28.96			
R. H.	70 %	24 hr. Mov. 130	Sea L. 30.23	0700 Clds. 9AcAs	1300 Clds. 2Cc	1900 Clds. 5AcAs
Ppn. Liq.	T in.	Prev. Dir. S	3 hr. Tend. -13	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cvr. — in.	Observer E.H.	Vis. 20	Vis. 20	Vis. 20



OCT 20 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. SW	Temp. 72	0800 - 1600 101°		
Min.	48 °F	Vel. 2 m.p.h.	Read. 28.92			
Set	58 °F	Char. variable	Corr. 28.79			
R. H.	88 %	24 hr. Mov. 111	Sea L. 30.04	0700 Clds. 10AsAc	1300 Clds. 10AsAc	1900 Clds. 10CsC <sub>2</sub>
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. -02	Wx	Wx	Wx
Ppn. Sol.	— in.	Gfnd. Cvr. — in.	Observer GCH	Vis. 15	Vis. 15	Vis. 18

OCT 11 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
69 ° F		SW	74			
Min.		Vel.	Read.			
58 ° F		4 m.p.h.	28.73			
Set		Char.	Corr.			
64 ° F		steady	28.60			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
76 %		100	29.83	Clds.	Clds.	Clds.
				9c:c	7c	1sc
Ppn. Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T in.		SW	-09			
Ppn. Sol.		Grnd. Cvr.	Observer	Vis.	Vis.	Vis.
— in.		— in.	GRN.	18	20	20

OCT 12 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 ° F	Dir. SW	Temp. 78	1100 ☼		
Mtn.	64 ° F	Vel. 3 m.p.h.	Read. 28.76			
Set	65 ° F	Char. steady	Corr. 28.62			
R. H.	88 %	24 hr. Mov. 180	Sea L. 29.86	0700 Clds. 5c; 2c	1300 Clds. 5c; 1c	1900 Clds. 1c; 1c
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +15	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cvr. — in.	Observer CCH	Vis. 18	Vis. 20	Vis. 20

OCT 18 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 85 ° F	Dir. SW	Temp. 81	0230-0430 $\bar{v}$ • Rainbow 0645 0730-0830 $\bar{v}$			
Mtn. 62 ° F	Vel. 4 m.p.h.	Read. 28.89				
Set 63 ° F	Char. Steady	Corr. 28.74				
R. H. 95 %	24 hr. Mov. 132	Sea L. 29.98	0700 Clds. 3Ac 3Cb	1300 Clds. 2 Cu	1900 Clds. 6Ac	
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +22 ✓	Wx	Wx	Wx	
Ppn. Sol. — in.	Grnd. Cvr. — in.	Observer E.H.	Vis. 18	Vis. 20	Vis. 15	

OCT 14 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. —	Temp. 80	2000 ☉		
Min.	62 °F	Vel. — m.p.h.	Read. 28.98			
Set	62 °F	Char. Calm	Corr. 28.83			
R. H.	100 %	24 hr. Mov. 082	Sea L. 30.07	0700 Clds. 10C:Cs	1300 Clds. 3C: 4C	1900 Clds. 8As
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +00	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cvr. — in.	Observer E.H.	Vis. 12	Vis. 15	Vis. 15

OCT 15 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 80 ° F	Dir. SE	Temp. 80	0645 0° 0715 .° 1000 - 1400 .°-2 1900 - 2100			
Min. 62 ° F	Vel. 8 m.p.h.	Read. 28.69				
Set 67 ° F	Char. Gusty	Corr. 28.54				
R. H. 80 %	24 hr. Mov. 189	Sea L. 29.76	0700 Clds. 10As2C <sub>w</sub>	1300 Clds. 10Ns	1900 Clds. 10Ns	
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. -22	Wx	Wx ••	Wx FS	
Ppn. Sol. — in.	Grnd. Cvr. — in.	Observer CLH	Vis. 20	Vis. 3	Vis. 1	

OCT 6 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 ° F	Dir. SW	Temp. 73			
Min.	44 ° F	Vel. 4 m.p.h.	Read. 28.65			
Set	44 ° F	Char. steady	Corr. 28.52			
R. H.	70 %	24 hr. Mov. 313	Sea L. 29.80	0700 Clds. 10 Sc	1300 Clds. 8 Cu	1900 Clds. 9 Cu
Ppn. Liq.	3.42 in.	Prev. Dir. E	3 hr. Tend. +42	Wx	Wx	Wx
Ppn. Sol.	— in.	Grnd. Cvr. — in.	Observer C.P.H.	Vis. 18	Vis. 20	Vis. 20

OCT 17 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	55 ° F	Dir. SSW	Temp. 69	0615-0620 0		
Min.	39 ° F	Vel. 7 m.p.h.	Read. 28.83			
Set	43 ° F	Char. Gusty	Corr. 28.71			
R. H.	70 %	24 hr. Mov. 147	Sea L. 30.00	0700 Clds. 10c	1300 Clds. 10sc	1900 Clds. 3sc
Ppn. Liq.	7 in.	Prev. Dir. SW	3 hr. Tend. +25	Wx	Wx	Wx
Ppn. Sol.	- in.	Grnd. Cvr. -	Observer GPH.	Vis. 18	Vis. 20	Vis. 20



OCT 18 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52° F	Dir. —	Temp. 68	0300 - 0530 ☽		
Min.	42° F	Vel. — m.p.h.	Read. 29.03	0715 - 0745 ☽		
Set	42° F	Char. CALM	Corr. 28.91	1130 - 1945 ☽		
R. H.	98%	24 hr. Mov. 123	Sea L. 30.20	0700 Clds. 10McAs	1300 Clds. 10Ns	1900 Clds. 10Ns
Ppn. Liq.	0.01 in.	Prev. Dir. SW	3 hr. Tend. +15-	Wx	Wx ..	Wx ☽
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer C.H.	Vis. 15	Vis. 3.0	Vis. 6

OCT 19 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
49 °F	N	70				
Min.	Vel.	Read.				
37 °F	3 m.p.h.	29.19				
Set	Char.	Corr.				
38 °F	Steady	29.07				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
100 %	073	30.36	Clds.	Clds.	Clds.	
			2Ac	7Ac	3Ac	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.10 in.	N.W.	+10 ✓	=			
Ppn. Sol.	Grnd. Cvr.	Observer	Vis.	Vis.	Vis.	
		9/18	8	15-	18	

86

42

OCT 20 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 51 ° F	Dir. N	Temp. 70	Hvy Frost			
Min. 32 ° F	Vel. 1 m.p.h.	Read. 29.10				
Set 34 ° F	Char. Steady	Corr. 28.97				
R. H. 90 %	24 hr. Mov. 99	Sea L. 30.27	0700 Clds. 1Ac	1300 Clds. 4c	1900 Clds. 3C:Ac	
Ppn. Liq. — in.	Prev. Dir. N	3 hr. Tend. +00	Wx =	Wx	Wx	
Ppn. Sol. — in.	Grnd. Cvr. — in.	Observer YRS	Vis. 12	Vis. 25	Vis. 20	

40

OCT 21 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F		Dir. SW	Temp. 70	☉ 1400		
Min. 34 °F		Vel. 2 m.p.h.	Read. 28.85			
Set 36 °F		Char. Steady	Corr. 28.73			
R. H. 98 %		24 hr. Mov. 78	Sea L. 30.02	0700 Clds. 6C:Ac	1300 Clds. 8Cs	1900 Clds. 6Cs
Ppn. Liq. — in.		Prev. Dir. N	3 hr. Tend. -06	Wx ∞	Wx	Wx
Ppn. Sol. — in.		Grnd. Cvr.	Observer JRS	Vis. 9	Vis. 25	Vis. 10

42

OCT 22 1954

0700 EST

Meteorological Observatory  
State College, Pa.  
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	57 ° F	Dir. NW	Temp. 71			
Min.	36 ° F	Vel. 3 m.p.h.	Read. 28.96			
Set	43 ° F	Char. Variable	Corr. 28.84			
R. H.	91 %	24 hr. Mov. 90	Sea L. 30.12	0700 Clds. 7Cs Cu	1300 Clds. 3 Ci	1900 Clds. 4Cs
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +23	Wx ∞	Wx	Wx
Ppn.	Sol. in.	Grnd. Cvr. in.	Observer TRD	Vis. 6	Vis. 25	Vis. 20

OCT 28 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60.° F	Dir. SW	Temp. 74			
Min.	42.° F	Vel. 2 m.p.h.	Read. 29.14			
Set	44.° F	Char. Variable	Corr. 29.01			
R. H.	86 %	24 hr. Mov. 94	Sea L. 30.29	0700 Clds. 4Cc	1300 Clds. 2Cc	1900 Clds. 2Ci
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +20✓	Wx ∞	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer KRS	Vis. 7	Vis. 18	Vis. 15

OCT 24 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 ° F	Dir. SW	Temp. 74			
Min.	43 ° F	Vel. 5 m.p.h.	Read. 29.21			
Set	49 ° F	Char. Variable	Corr. 29.08			
R. H.	80 %	24 hr. Mov. 165	Sea L. 30.34	0700 Clds. 1 ci	1300 Clds. clear	1900 Clds. clear
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +14 m	Wx	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer TRB	Vis. 6	Vis. 20	Vis. 18

OCT 25 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72° F	Dir. SE	Temp. 75			
Min.	43° F	Vel. 1 m.p.h.	Read. 29.18			
Set	43° F	Char. Steady	Corr. 29.04			
R. H.	96 %	24 hr. Mov. 69	Sea L. 30.30	0700 Clds. Clear	1300 Clds. 6 C: Cs	1900 Clds. 4 C: Ac
Ppn. Liq.	— in.	Prev. Dir. W	3 hr. Tend. +00	Wx =	Wx ∞	Wx
Ppn. Sol.	— in.	Grnd. Cvr. in.	Observer GRS	Vis. 4	Vis. 7	Vis. 18

54



OCT 26 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	2030 - 2400 7			
67 °F	SW	73				
Min.	Vel.	Read.				
43 °F	4 m.p.h.	28.96				
Set	Char.	Corr.				
50 °F	Variable	28.83				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
94 %	112	30.09	Clds.	Clds.	Clds.	
			10 Ac Sc	9 Cu Ac	10 Ac Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
— in.	S	+00	∞			
Ppn. Sol.	Grnd. Cvr.	Observer	Vis.	Vis.	Vis.	
— in.		TKS	5	8	10	

68

OCT 27 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 ° F	Dir. SW	Temp. 76	2400 - 0100 ☽		
Min.	50 ° F	Vel. 10 m.p.h.	Read. 28.64	0730 - 0745 ☽		
Set	60 ° F	Char. Variable	Corr. 28.50	0900 - 1020 ☽		
				1215 - 1240 ☽		
				1400 - 1500 ☽		
R. H.	86 %	24 hr. Mov. 155	Sea L. 29.75	0700 Clds. 9AcSc	1300 Clds. 10AcSc	1900 Clds. 5C:Ac
Ppn. Liq.	0.07 in.	Prev. Dir. SW	3 hr. Tend. -117	Wx ☽	Wx ☽	Wx ☽
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer RB	Vis. 5	Vis. 3	Vis. 15



OCT 29 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	55 ° F	Dir. SE	Temp. 68	0440 - 0700 ●●		
Min.	33 ° F	Vel. 2 m.p.h.	Read. 28.50	0700 - 0830 ☽		
Set	42 ° F	Char. Variable	Corr. 28.37	2215 - 2400 ☽		
R. H.	100 %	24 hr. Mov. 139	Sea L. 29.67	0700 Clds. 10 St Sc	1300 Clds. 10 St Sc	1900 Clds. 10 St Sc
Ppn. Liq.	0.12 in.	Prev. Dir. SW	3 hr. Tend. -20L	Wx •	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer TKB	Vis. 6	Vis. 12	Vis. 8

OCT 30 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 ° F	Dir. SW	Temp. Sea <sup>bas</sup> K 73	0000 - 0650 ☽		
Min.	36 ° F	Vel. 5 m.p.h.	Read. 28.53			
Set	38 ° F	Char. Variable	Corr. 28.40			
R. H.	100 %	24 hr. Mov. Est. 80	Sea L. 29.69	0700 Clds. 10AsSc	1300 Clds. 9AcAs	1900 Clds. 2Ac
Ppn. Liq.	0.19 in.	Prev. Dir. S	3 hr. Tend. +01 ✓	Wx ☰	Wx	Wx
Ppn. Sol.	in.	Grnd. Cvr. in.	Observer MRS	Vis. 4	Vis. 18	Vis. 15

OCT 31 1954

0700 EST

Meteorological Observatory  
State College, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. SW	Temp. 69	0800-1000 <del>151</del>		
Min.	32 °F	Vel. 6 m.p.h.	Read. 28.78	1600-2430 <del>5</del>		
Set	36 °F	Char. Variable	Corr. 28.66	0700	1300	1900
R. H.	74 %	24 hr. Mov. est. 140	Sea L. 29.96	Clds. 8 AcRs	Clds. 10 Sc	Clds. 10 Sc
Ppn. Liq.	— in.	Prev. Dir. SW	3 hr. Tend. +15	Wx ∞	Wx	Wx <del>5</del>
Ppn. Sol.	— in.	Grnd. Cvr. in.	Observer WRB	Vis. 8	Vis. 15	Vis. 15