

DEC 1 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|-------------------------|-------------------|------------------------|----------------------|----------------------|
| Max. | 36 ° F | Dir. W | Temp. 66 | 0066 L 0030 1*1° | | |
| Min. | 33 ° F | Vel. 3 m.p.h. | Read. 28.97 | | | |
| Set | 34 ° F | Char. variable | Corr. 28.86 | | | |
| R. H. | 90 % | 24 hr. Mov. 049 | Sea L. 30.17 | 0700 Clds. 10st. | 1300 Clds. 9sc | 1900 Clds. 8sc |
| Ppn. Liq. | 0.09 in. | Prev. Dir. SW - 408d | 3 hr. Tend. | Wx | Wx | Wx |
| Ppn. Sol. | 1.0 in. | Grnd. Cur. T in. | Observer EPAI. | Vis. 5 | Vis. 10 | Vis. 10 |

2 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|--------|---------------------|---------------------|-----------------|--------------|--------------|
| Max. | 40 ° F | Dir. NW | Temp. 67 | | | |
| Min. | 29 ° F | Vel. 6 m.p.h. | Read. 29.15 | | | |
| Set | 29 ° F | Char. Steady | Corr. 29.04 | | | |
| R. H. | 82 % | 24 hr. Mov. 88 | Sea L. 30.35 | 0700 | 1300 | 1900 |
| Ppn. Liq. | — in. | Prev. Dir. NW | 3 hr. Tend. +105 | Clds. 4Sc Cc | Clds. 2Cs | Clds. 4Cs |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer CAW | Wx ∞ | Wx | Wx |
| | | | | Vis. 8 | Vis. 12 | Vis. 12 |

33

DEC 3

1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|------------------------|--------------------|------------------------|----------------------|----------------------|
| Max. | 47 ° F | Dir. Calm | Temp. 67 | | | |
| Min. | 26 ° F | Vel. Calm m.p.h. | Read. 29.06 | | | |
| Set | 26 ° F | Char. Calm | Corr. 28.95 | | | |
| R. H. | 92 % | 24 hr. Mov. 51 | Sea L. 30.27 | 0700 Clds. 8CcAc | 1300 Clds. 5Cs | 1900 Clds. 2Cs |
| Ppn. Liq. | — in. | Prev. Dir. SW | 3 hr. Tend. +05 | Wx ∞ | Wx ∞ | Wx |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer CAW | Vis. 8 | Vis. 12 | Vis. 12 |

31

DEC 4 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|---------------------|--------------------|---|----------------|----------------|
| Max. | 53 ° F | Dir. NW | Temp. 69 | ☉ 0600 - 0720 ☽ 0720 - 0930 ☽ 1200 - 1215 ☽ 2130 - 2300 ☽ 2300 - 2400 | | |
| Min. | 26 ° F | Vel. 3 m.p.h. | Read. 28.88 | | | |
| Set | 43 ° F | Char. Steady | Corr. 28.76 | 0700 | 1300 | 1900 |
| R. H. | 85 % | 24 hr. Mov. 45 | Sea L. 30.05 | Clds. 10 STNS | Clds. 10 ST | Clds. 10 ST |
| Ppn. Liq. | .02 in. | Prev. Dir. NW | 3 hr. Tend. -05 | Wx ☉ | Wx ☉ | Wx ☉ |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer CAW | Vis. 3 | Vis. 3 | Vis. 3 |

42

DEC 5 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|---------------------|--------------------|----------------------|------------------------|------------------------|
| Max. | 57 ° F | Dir. SW | Temp. 70 | GUSTS TO 30 MPH | | |
| Min. | 42 ° F | Vel. 15 m.p.h. | Read. 28.97 | | | |
| Set | 42 ° F | Char. GUSTY | Corr. 28.85 | | | |
| R. H. | 51 % | 24 hr. Mov. 245 | Sea L. 30.13 | 0700 Clds. 2Cs | 1300 Clds. 4CuAc | 1900 Clds. 4CsCu |
| Ppn. Liq. | 0.28 in. | Prev. Dir. SW | 3 hr. Tend. +40 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer CAW | Vis. 20+ | Vis. 20+ | Vis. 20+ |

47

DEC 6

1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|---------------------|--------------------|----------------------------------|-------------------|---------------|--|
| Max. 53 ° F | Dir. SW | Temp. 68 | 77 0930 - 1000 .. 1000 - 2400 | | | |
| Min. 36 ° F | Vel. 12 m.p.h. | Read. 28.82 | | | | |
| Set 49 ° F | Char. Steady | Corr. 28.70 | 0700 | 1300 | 1900 | |
| R. H. 48 % | 24 hr. Mov. 166 | Sea L. 29.98 | Clds. 6AsAc | Clds. 9 10NsCb | Clds. 10St | |
| Ppn. Liq. — in. | Prev. Dir. SW | 3 hr. Tend. -25 | Wx | Wx .. | Wx .. ≡ | |
| Ppn. Sol. — in. | Grnd. Cur. — in. | Observer CAW | Vis. 20+ | Vis. 3 | Vis. 4 | |

45

DEC 7 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|---------------------|--------------------|-----------------------------------|------------------------|------------------------|
| Max. | 50 ° F | Dir. NW | Temp. 68 | •• 0000 - 0100 GUSTS TO 35 MPH | | |
| Min. | 35 ° F | Vel. 15 m.p.h. | Read. 28.86 | | | |
| Set | 35 ° F | Char. GUSTY | Corr. 28.74 | | | |
| R. H. | 58 % | 24 hr. Mov. 184 | Sea L. 30.03 | 0700 Clds. 10 Sc | 1300 Clds. Clear | 1900 Clds. Clear |
| Ppn. Liq. | 0.74 in. | Prev. Dir. NW | 3 hr. Tend. +55 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer CAW | Vis. 15 | Vis. 20 | Vis. 15 |

42

DEC 3 1953

0700 EST

Meteorological Observatory
State College, Pa.

General Obs.

| | | | | | | | | |
|-------|--------|-------------|----------------|-------------|-------|--------|-------|-------|
| Temp. | | Wind | | Barom. | | 1130 G | | |
| Max. | 45 ° F | Dir. | Calm | Temp. | 68 | | | |
| Min. | 31 ° F | Vel. | Calm m.p.h. | Read. | 29.03 | | | |
| Set | 31 ° F | Char. | Calm | Corr. | 28.91 | | | |
| R. H. | 64 % | 24 hr. Mov. | 156 | Sea L. | 30.22 | 0700 | 1300 | 1900 |
| Ppn. | — in. | Prev. Dir. | SW | 3 hr. Tend. | +05 | Clds. | Clds. | Clds. |
| | | Grnd. Cur. | — in. | Observer | CAW | 2 As | 10CsC | 10Cs |
| | | | | Vis. | 15 | Wx | Wx | Wx |
| | | | | Vis. | 15 | | | |
| | | | | Vis. | 15 | | | |

34

DEC 9 1959

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|--------|---------------------|---------------------|--|-----------------------|-----------------------|
| Max. | 53 ° F | Dir. W | Temp. 69 | • 1050 - 1400 • 1530 - 1930 •• 1930 - 2400 | | |
| Min. | 30 ° F | Vel. 3 m.p.h. | Read. 28.86 | | | |
| Set | 32 ° F | Char. Variable | Corr. 28.74 | | | |
| R. H. | 80 % | 24 hr. Mov. 075 | Sea L. 30.06 | 0700 Clds. 8Ac2G | 1300 Clds. 10Ns | 1900 Clds. 10Ns |
| Ppn. Liq. | — in. | Prev. Dir. SW | 3 hr. Tend. -08L | Wx | Wx .. | Wx .. |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer E.P.H. | Vis. 10 | Vis. 7 | Vis. 4 |

DEC 10 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|--|--------------|-------|--|
| Max. | Dir. | Temp. | 0000-0100 GUSTS TO 40 MPH 0230-0400 * 0900-1030 | | | |
| 53 °F | SW | 68 | | | | |
| Min. | Vel. | Read. | | | | |
| 32 °F | 17 m.p.h. | 28.42 | | | | |
| Set | Char. | Corr. | | | | |
| 42 °F | GUSTY | 28.31 | | | | |
| R. H. | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 | |
| 54 % | 146 | 29.59 | Clds. | Clds. | Clds. | |
| | | | 10 Sc | 10 Sc | Clear | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| 0.33 in. | SW | +15 | | | | |
| Ppn. Sol. | Grnd. Cur. | Observer | Vis. | Vis. | Vis. | |
| — in. | — in. | CAW | 15+ | 15 | 15+ | |

46

DEC 11 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|---------------|--------------|-------|--|
| Max. | Dir. | Temp. | 1200 (0) 1400 | | | |
| 42 ° F | SW | 64 | | | | |
| Min. | Vel. | Read. | | | | |
| 29 ° F | 3 m.p.h. | 29.04 | | | | |
| Set | Char. | Corr. | | | | |
| 30 ° F | Steady | 28.93 | | | | |
| R. H. | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 | |
| 86 % | 280 | 30.24 | Clds. | Clds. | Clds. | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| T in. | SW | +15 | | | | |
| Ppn. Sol. | Grnd. Cur. | Observer | Vis. | Vis. | Vis. | |
| T in. | — in. | CAW | 15+ | 15+ | 15+ | |

33

DEC 12 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|------------------------|----------------------|--|------------------------|------------------------|--|
| Max. 46 ° F | Dir. Calm | Temp. 67 | 9 0000-0100 .. 0230-1800 3 1800-1900 | | | |
| Min. 29 ° F | Vel. Calm m.p.h. | Read. 28.92 | | | | |
| Set 37 ° F | Char. Calm | Corr. 28.81 | | | | |
| R. H. 92 % | 24 hr. Mov. 84 | Sea L. 30.11 | 0700 Clds. 10 Ms | 1300 Clds. 10 Ms | 1900 Clds. 10 Ms | |
| Ppn. Liq. 0.12 in. | Prev. Dir. SW | 3 hr. Tend. +00 ✓ | Wx .. | Wx .. | Wx .. | |
| Ppn. Sol. — in. | Grnd. Cur. — in. | Observer CAW | Vis. 6 | Vis. 5 | Vis. 4 | |

37

DEC 13 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|--------|--------------|-------|--|
| Max. | Dir. | Temp. | ☉ 1300 | | | |
| 41 °F | W | 66 | | | | |
| Min. | Vel. | Read. | | | | |
| 32 °F | 4 m.p.h. | 28.77 | | | | |
| Set | Char. | Corr. | | | | |
| 33 °F | steady | 28.66 | | | | |
| R. H. | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 | |
| 78 % | 061 | 29.98 | Clds. | Clds. | Clds. | |
| | | | 9 Sc | 10 Cs | 10 Cs | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| 0.17 in. | WNW | +10 ✓ | | | | |
| Ppn. Sol. | Grnd. Cur. | Observer | Vis. | Vis. | Vis. | |
| — in. | — in. | 6 P.H. | 10 | 20 | 20 | |

DEC 14 1953

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

| | | | | | | | | | |
|-----------|-------------|-------------|--|---|--|--------------|--|-------|--|
| Temp. | | Wind | | Barom. | | General Obs. | | | |
| Max. | Dir. | Temp. | | 0030 - 0430 Δ 0430 - 1700 \bullet 1700 - 2400 ∇ | | | | | |
| 43 ° F | NE | 68 | | | | | | | |
| Min. | Vel. | Read. | | | | | | | |
| 32 ° F | 13 m.p.h. | 28.26 | | Corr. | | | | | |
| Set | Char. | Sea L. | | 0700 | | 1300 | | 1900 | |
| 33 ° F | Gusty | 28.15 | | Clds. | | Clds. | | Clds. | |
| R. H. | 24 hr. Mov. | 3 hr. Tend. | | 10Ns | | 10Ns | | 10Sc | |
| 100 % | 107 | -60 | | Wx | | Wx | | Wx | |
| Ppn. Liq. | Prev. Dir. | Observer | | .. | | .. | | + | |
| 0.42 in. | NE | 6/11 | | Vis. | | Vis. | | Vis. | |
| Ppn. Sol. | Grnd. Cur. | | | 2 | | 2 | | 8 | |
| 0.8 in. | 0.5 in. | | | | | | | | |

DEC 15 1953

0700 EST

Meteorological Observatory
State College, Pa.

| | | | | | | |
|-----------|----------|---------------------|--------------------|---------------------------|---------------------|---------------------|
| Temp. | | Wind | Barom. | General Obs. | | |
| Max. | 40 ° F | Dir. WNW | Temp. 63 | 0000 - 2400 $\frac{+}{-}$ | | |
| Min. | 32 ° F | Vel. 14 m.p.h. | Read. 28.45 | | | |
| Set | 35 ° F | Char. Gusty | Corr. 28.35 | | | |
| R. H. | 72 % | 24 hr. Mov. 270 | Sea L. 29.66 | 0700 | 1300 | 1900 |
| Ppn. Liq. | 0.08 in. | Prev. Dir. W | 3 hr. Tend. +40 | Clds. 10Sc | Clds. 8Cw | Clds. 8Cw |
| Ppn. Sol. | 1 in. | Grnd. Cur. — in. | Observer R/M. | Wx $\frac{+}{-}$ | Wx $\frac{+}{-}$ | Wx $\frac{+}{-}$ |
| | | | | Vis. 8 | Vis. 8 | Vis. 8 |

DEC 16 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|---------------------|----------------------|-------------------------------|---------------|---------------|
| Max. | 35 ° F | Dir. W | Temp. 60 | 0000 - 0645 1 $\frac{1}{2}$ ° | | |
| Min. | 21 ° F | Vel. 4 m.p.h. | Read. 28.75 | 0900 - 1600 1 $\frac{1}{2}$ ° | | |
| Set | 23 ° F | Char. Steady | Corr. 28.66 | | | |
| R. H. | 80 % | 24 hr. Mov. 242 | Sea L. 30.00 | 0700 | 1300 | 1900 |
| Ppn. Liq. | .02 in. | Prev. Dir. W | 3 hr. Tend. +07 - | Clds. 3 Cu | Clds. 5 Cu | Clds. 2 Cu |
| Ppn. Sol. | 0.2 in. | Grnd. Cur. T in. | Observer GPH | Wx | Wx ↓ | Wx |
| | | | | Vis. 15 | Vis. 15 | Vis. 15 |

DEC 17 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|--------|---------------------|----------------------|--------------------------------------|-----------------------|-----------------------|
| Max. | 27 ° F | Dir. W | Temp. 60 | 0800 - 1700 $\overline{101}^{\circ}$ | | |
| Min. | 15 ° F | Vel. 8 m.p.h. | Read. 29.00 | | | |
| Set | 15 ° F | Char. Steady | Corr. 28.90 | | | |
| R. H. | 85 % | 24 hr. Mov. 144 | Sea L. 30.27 | 0700 Clds. 3 Sc | 1300 Clds. 4 Cu | 1900 Clds. 3 Cu |
| Ppn. Liq. | T in. | Prev. Dir. NW | 3 hr. Tend. +13 J | Wx ↔ | Wx ↓ | Wx |
| Ppn. Sol. | T in. | Grnd. Cur. — in. | Observer CPH | Vis. 10 | Vis. 15 | Vis. 15 |

DEC 18 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|--------------------|--------------------------|----------------------|----------------------|
| Max. | 22 °F | Dir. SW | Temp. 63 | * 0800-2400 | | |
| Min. | 13 °F | Vel. 12 m.p.h. | Read. 29.06 | | | |
| Set | 14 °F | Char. Gvsty | Corr. 28.96 | | | |
| R. H. | 75 % | 24 hr. Mov. 148 | Sea L. 30.33 | 0700 Clds. 3Cs 3Cu | 1300 Clds. 3Cu | 1900 Clds. 5Cu |
| Ppn. Liq. | T in. | Prev. Dir. W | 3 hr. Tend. +00 | Wx ↔ | Wx | Wx ↓ |
| Ppn. Sol. | T in. | Grnd. Cur. — in. | Observer GPH | Vis. 10 | Vis. 10 | Vis. 10 |

DEC 19 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|---------------------|--------------------|-------------------|--------------|--------------|
| Max. | 18 ° F | Dir. WSW | Temp. 58 | 7 ° 0000 - 0900 | | |
| Mtn. | 12 ° F | Vel. 5 m.p.h. | Read. 29.07 | | | |
| Set | 17 ° F | Char. steady | Corr. 28.98 | | | |
| R. H. | 70 % | 24 hr. Mov. 283 | Sea L. 30.33 | 0700 | 1300 | 1900 |
| Ppn. | Liq. T in. | Prev. Dir. SW | 3 hr. Tend. +00 | Clds. 8CB2C | Clds. 2AC | Clds. 9Ac |
| Ppn. | Sol. T in. | Grnd. Cur. - in. | Observer GPH | Wx * | Wx | Wx |
| | | | | Vis. 10 | Vis. 15 | Vis. 15 |

DEC 20 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|--------------------|----------------------|----------------------|----------------------|
| Max. | 41 °F | Dir. SSW | Temp. 65 | | | |
| Min. | 15 °F | Vel. 12 m.p.h. | Read. 28.83 | | | |
| Set | 41 °F | Char. Gusty | Corr. 28.72 | | | |
| R. H. | 60 % | 24 hr. Mov. 201 | Sea L. 30.01 | 0700 Clds. 9Ac | 1300 Clds. 9Ac | 1900 Clds. 9Ac |
| Ppn. Liq. | T in. | Prev. Dir. SW | 3 hr. Tend. -10 | Wx | Wx | Wx |
| Ppn. Sol. | T in. | Grnd. Cur. — in. | Observer GPH | Vis. 15 | Vis. 15 | Vis. 15 |

DEC 21 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|---------------------|----------------------|----------------------|-----------------------|
| Max. | 48 °F | Dir. SW | Temp. 68 | 1900 - 2130 101 | | |
| Min. | 38 °F | Vel. 4 m.p.h. | Read. 28.75 | | | |
| Set | 39 °F | Char. Steady | Corr. 28.63 | | | |
| R. H. | 38 % | 24 hr. Mov. 157 | Sea L. 29.92 | 0700 Clds. 1Ac | 1300 Clds. 9Ac | 1900 Clds. 10Ns |
| Ppn. Liq. | — in. | Prev. Dir. SW | 3 hr. Tend. -057 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer G.P.N. | Vis. 20 | Vis. 20 | Vis. 15 |

DEC 22 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|---------------------|----------------------|-----------------------|----------------------|-----------------------|--|
| Max. 52 ° F | Dir. SW | Temp. 68 | 1740-1800 \bar{v} | | | |
| Min. 38 ° F | Vel. 8 m.p.h. | Read. 28.69 | | | | |
| Set 45 ° F | Char. steady | Corr. 28.57 | | | | |
| R. H. 90 % | 24 hr. Mov. 104 | Sea L. 29.85 | 0700 Clds. 10st | 1300 Clds. 8Ac | 1900 Clds. 10Sc | |
| Ppn. Liq. T in. | Prev. Dir. SW | 3 hr. Tend. +10 J | Wx | Wx | Wx | |
| Ppn. Sol. — in. | Grnd. Cur. — in. | Observer GPH. | Vis. 10 | Vis. 20 | Vis. 20 | |

DEC 23 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|-------------|--------------|-------|--|
| Max. | Dir. | Temp. | * 1030-1300 | | | |
| 56 ° F | W | 67 | | | | |
| Min. | Vel. | Read. | | | | |
| 26 ° F | 12 m.p.h. | 28.96 | | | | |
| Set | Char. | Corr. | | | | |
| 26 ° F | Gusty | 28.85 | | | | |
| R. H. | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 | |
| 58 % | 234 | 30.18 | Clds. | Clds. | Clds. | |
| | | | 10Sc | 2Sc 4Cb | 4CsCc | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| 0.07 in. | W | +15 | | * | | |
| Ppn. Sol. | Grnd. Cur. | Observer | Vis. | Vis. | Vis. | |
| — in. | — in. | GPH. | 15 | 15 | 15 | |

DEC 24 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|--------|---------------------|--------------------|------------------------|-----------------------|------------------------|
| Max. | 28 ° F | Dir. SW | Temp. 66 | | | |
| Min. | 12 ° F | Vel. 15 m.p.h. | Read. 29.15 | | | |
| Set | 13 ° F | Char. Steady | Corr. 29.04 | | | |
| R. H. | 68 % | 24 hr. Mov. 228 | Sea L. 30.39 | 0700 Clds. 10 As | 1300 Clds. 3 Cs | 1900 Clds. Clear |
| Ppn. Liq. | T in. | Prev. Dir. NW | 3 hr. Tend. +05 | Wx ∞ | Wx | Wx |
| Ppn. Sol. | T in. | Grnd. Cur. — in. | Observer CAW | Vis. 6 | Vis. 15 | Vis. 15 |

16

DEC 25 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|--------|---------------------|--------------------|------------------------|-----------------------|------------------------|
| Max. | 31 ° F | Dir. S | Temp. 66 | | | |
| Min. | 13 ° F | Vel. 6 m.p.h. | Read. 28.84 | | | |
| Set | 26 ° F | Char. Steady | Corr. 28.73 | | | |
| R. H. | 38 % | 24 hr. Mov. 189 | Sea L. 30.06 | 0700 Clds. Clear | 1300 Clds. 3 Ac | 1900 Clds. Clear |
| Ppn. Liq. | — in. | Prev. Dir. SW | 3 hr. Tend. -15 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Grnd. Cur. — in. | Observer CAW | Vis. 20+ | Vis. 20+ | Vis. 20+ |

25

DEC 26 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|--------|------------------|----------------|--------------|-------|-------|
| Max. | 44 ° F | Dir. SW | Temp. 66 | * 1500-1730 | | |
| Min. | 26 ° F | Vel. 9 m.p.h. | Read. 28.62 | | | |
| Set | 28 ° F | Char. Steady | Corr. 28.51 | | | |
| R. H. | 72 % | 24 hr. Movl | Sea L. | 0700 | 1300 | 1900 |
| Ppn. Liq. | — in. | Prev. Dir. | 3 hr. Tend. | Clds. | Clds. | Clds. |
| Ppn. Sol. | — in. | Grnd. Cur. | Observer | Wx | Wx | Wx |
| | | | | Vis. | Vis. | Vis. |

28

| 0700 | 1300 | 1900 |
|----------------|--------------|----------------|
| Clds. Clear | Clds. 3Ac | Clds. 10 Cu |
| Wx | Wx | Wx |
| Vis. 20+ | Vis. 15+ | Vis. 10 |

DEC 27 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|--------|----------------------|--------------------|-------------------------|-----------------------|------------------------|
| Max. | 40 ° F | Dir. W | Temp. 67 | | | |
| Min. | 28 ° F | Vel. 10 m.p.h. | Read. 28.93 | | | |
| Set | 29 ° F | Char. Steady | Corr. 28.82 | | | |
| R. H. | 72 % | 24 hr. Mov. 289 | Sea L. 30.14 | 0700 Clds. 2 Accu | 1300 Clds. 4 Cu | 1900 Clds. Clear |
| Ppn. Liq. | T in. | Prev. Dir. SW | 3 hr. Tend. +30 | Wx | Wx | Wx |
| Ppn. Sol. | T in. | Grnd. Cur. T in. | Observer CAW | Vis. 20+ | Vis. 20+ | Vis. 20+ |

31

DEC 28 1953

0700 EST

Meteorological Observatory
State College, Pa.
General Obs.

| | | | | | | |
|-----------|-------------|-------------|---------------|--------------|-------|--|
| Temp. | | Wind | Barom. | General Obs. | | |
| Max. | Dir. | Temp. | • 1430 - 1900 | | | |
| 38 ° F | SW | 65 | | | | |
| Min. | Vel. | Read. | | | | |
| 28 ° F | 7 m.p.h. | 28.79 | | | | |
| Set | Char. | Corr. | | | | |
| 35 ° F | Steady | 28.68 | 0700 | 1300 | 1900 | |
| R. H. | 24 hr. Mov. | Sea L. | Clds. | Clds. | Clds. | |
| 52 % | 154 | 29.99 | 10As | 10Sc | 10Ns | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| — in. | SW | -15V | | | • | |
| Ppn. Sol. | Grnd. Cur. | Observer | Vis. | Vis. | Vis. | |
| — in. | — in. | CAW | 12+ | 12+ | 4 | |

33

DEC 29 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|---------------------|---------------------|------------------------|-----------------------|---------------|--|
| Max. 41 ° F | Dir. SW | Temp. 65 | 99 0330 - 0700 | | | |
| Min. 35 ° F | Vel. 4 m.p.h. | Read. 28.76 | | | | |
| Set 39 ° F | Char. Steady | Corr. 28.65 | | | | |
| R. H. 82 % | 24 hr. Mov. 134 | Sea L. 29.95 | 0700 Clds. 10 Sc | 1300 Clds. 4 Cu | 1900 Clds. | |
| Ppn. Liq. 0.03 in. | Prev. Dir. SW | 3 hr. Tend. +10r | Wx | Wx | Wx | |
| Ppn. Sol. — in. | Grnd. Cur. — in. | Observer CAW | Vis. 8 | Vis. 15+ | Vis. | |

36

DEC 30 1953

| Temp. | | Wind | | 0700 EST | | Meteorological Observatory State College, Pa. General Obs. | | |
|-----------|--------|-------------|----------|-------------|-------|--|------|------|
| Max. | 49 ° F | Dir. | WSW | Barom. | Temp. | 1300 - 1430 33 1900 - 2400 4° | | |
| Min. | 33 ° F | Vel. | 9 m.p.h. | Read. | 28.73 | | | |
| Set | 38 ° F | Char. | Steady | Corr. | 28.61 | | | |
| R. H. | 70 % | 24 hr. Mov. | 122 | Sea L. | 29.90 | 0700 | 1300 | 1900 |
| Ppn. Liq. | — in. | Prev. Dir. | SW | 3 hr. Tend. | +10V | Clds. | 9 Cu | 10st |
| Ppn. Sol. | — in. | Grnd. Cur. | — in. | Observer | 6PM. | Wx | | 10Cu |
| | | | | Vis. | 15 | Wx | | Wx |
| | | | | Vis. | | Vis. | | Vis. |

DEC 31 1953

0700 EST

Meteorological Observatory
State College, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|-----------------------|--------------|-------|--|
| Max. | Dir. | Temp. | 0100 - 1700 \bar{v} | | | |
| 39 °F | WSW | 65 | | | | |
| Min. | Vel. | Read. | | | | |
| 25 °F | 14 m.p.h. | 28.66 | | | | |
| Set | Char. | Corr. | | | | |
| 25 °F | Gusty | 28.55 | | | | |
| R. H. | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 | |
| 75 % | 189 | 29.88 | Clds. | Clds. | Clds. | |
| | | | 0cb | 8Sc | 2Sc | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| T in. | SW | -17 | \bar{v} | \bar{v} | | |
| Ppn. Sol. | Grnd. Cur. | Observer | Vis. | Vis. | Vis. | |
| T in. | T in. | C.P.H. | 1 | 10 | 15 | |