

AUG - 1 1957

0700 EST

Meteorological Observatory
University Park, Pa.

(73)

| Temp. | | Wind | | 0700 EST | | General Obs. | | |
|-------|------|-------------|--------|-------------|-----------------------|---------------|---------------|--|
| Max. | | Dir. | | Barom. | Temp. | | | |
| 87 | °F | SE | | 82 | | | | |
| Min. | | Vel. | | Read. | | | | |
| 59 | °F | 1 | m.p.h. | 29.82 | | | | |
| Set | | Char. | | Corr. | | | | |
| 60 | °F | STEADY | | 28.67 | | | | |
| R. H. | | 24 hr. Mov. | | Sea L. | 0700 | 1300 | 1900 | |
| 80 | % | 089 | | 29.88 | Clds. 6 C. & G. H. | Clds. 7 C. | Clds. 2 C. | |
| Ppn. | Liq. | Prev. Dir. | | 3 hr. Tend. | Wx | Wx | Wx | |
| 0 | in. | NW | | +1.31 | | | | |
| Ppn. | Sol. | Snow Depth | | Observer | Vis. | Vis. | Vis. | |
| - | in. | - | in. | R.H. | 15 | 15 | 15 | |

AUG - 2 1957

0700 EST

Meteorological Observatory
University Park, Pa.

70

| Temp. | | Wind | | 0700 EST Barom. | | General Obs. | | |
|-----------|-------|-------------|-------------|-----------------|-------|--------------|-------|-------|
| Max. | 84 °F | Dir. | — | Temp. | 86 | | | |
| Min. | 58 °F | Vel. | — m.p.h. | Read. | 28.89 | | | |
| Set | 61 °F | Char. | CALM | Corr. | 28.72 | | | |
| R. H. | 73 % | 24 hr. Mov. | 141 | Sea L. | 29.94 | 0700 | 1300 | 1900 |
| Ppn. Liq. | 0 in. | Prev. Dir. | N | 3 hr. Tend. | +1.11 | Clds. | Clds. | Clds. |
| Ppn. Sol. | — in. | Snow Depth | — in. | Observer | REN. | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 15 | 15 | 15 |
| | | | | | | CLR | 3Cu | 1Ci |

AUG - 3 1957

0700 EST

Meteorological Observatory
University Park, Pa.

74

| Temp. | | Wind | | 0700 EST Barom. | | General Obs. | | |
|-------|-------|-------------|-------------|-----------------|-------|------------------------------|-------|-------|
| Max. | 88 °F | Dir. | — | Temp. | 86 | R _g 2024E - 2400E | | |
| Min. | 60 °F | Vel. | — m.p.h. | Read | 28.82 | | | |
| Set | 61 °F | Char. | Calm | Corr. | 28.66 | | | |
| R. H. | 87 % | 24 hr. Mov. | 039 | Sea L. | 29.87 | 0700 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. | VAR | 3 hr. Tend. | +0.51 | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | — in. | Observer | REH | 0700 | 1300 | 1900 |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 15 | 15 | 15 |

AUG - 4 1957

0700 EST

Meteorological Observatory
University Park, Pa.

79

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|------------------------|----------------------|--------------------------|-----------------------------|----------------------|
| Max. | 92 °F | Dir. WNW | Temp. 86 | Rt + 0006E - 0206E | | |
| Min. | 61 °F | Vel. 1 m.p.h. | Read. 28.67 | 0500E - 1130E | | |
| Set | 67 °F | Char. WEAR + PAR | Corr. 28.51 | | | |
| R. H. | 95 % | 24 hr. Mov. 114 | Sea L. 29.71 | 0700 Clds. 10 ActA | 1300 Clds. BAC 4CU | 1900 Clds. 3AC |
| Ppn. Liq. | 0.40 in. | Prev. Dir. SW | 3 hr. Tend. +0.6V | Wx • | Wx | Wx |
| Ppn. Sol. | - in. | Snow Depth - | Observer R&W | Vis. 7 | Vis. 12 | Vis. 15+ |

AUG - 5 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | General Obs. | | | |
|-------|---------|-------------|----------|-------------|--------------|------|------|------|
| Max. | 80 °F | Dir. | NW | Temp. | 82 | | | |
| Min. | 59 °F | Vel. | 6 m.p.h. | Read. | 28.77 | | | |
| Set | 59 °F | Char. | STEADY | Corr. | 28.62 | | | |
| R. H. | 80 % | 24 hr. Mov. | 89 | Sea L. | 29.84 | | | |
| Ppn. | .03 in. | Prev. Dir. | N | 3 hr. Tend. | +1.9/ | | | |
| Ppn. | — in. | Snow Depth | — in. | Observer | R.W. | | | |
| | | | | | | 0700 | 1300 | 1900 |
| | | | | | Clds. | 8Ac | 9Ac | 8Ac |
| | | | | | 6Cu | 7Cu | 6Cu | 6Cu |
| | | | | | Wx | Wx | Wx | Wx |
| | | | | | Vis. | 7 | 15 | 15+ |

70

AUG - 6 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|-------------|-------------|--------|--------------|-------|-------|
| Max. | 70 °F | Dir. | — | Temp. | 79 | | | |
| Min. | 47 °F | Vel. | — m.p.h. | Read. | 29.00 | | | |
| Set | 50 °F | Char. | CALM | Corr. | 28.86 | | | |
| R. H. | 78 % | 24 hr. Mov. | 111 | Sea L. | 30.11 | 0700 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. | N | 3 hr. Tend. | +1.81 | Clds. | Clds. | Clds. |
| Ppn. | — in. | Snow Depth | — in. | Observer | J.Y.W. | CLR | 7CU | 2CU |
| | | | | | | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 15 | 15+ | 15 |

58

AUG - 7 1957

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|---------------------|----------------------|----------------------|--------------------------|--------------------------|
| Max. | 76 °F | Dir. — | Temp. 78 | | | |
| Min. | 50 °F | Vel. — m.p.h. | Read. 29.08 | | | |
| Set | 59 °F | Char. CALM | Corr. 28.94 | | | |
| R. H. | 60 % | 24 hr. Mov. 105 | Sea L. 30.17 | 0700 Clds. CLR | 1300 Clds. 8ci:0cs | 1900 Clds. 7ci:0cs |
| Ppn. | 0 in. | Prev. Dir. NW | 3 hr. Tend. +1.81 | Wx | Wx | Wx |
| Ppn. | — in. | Snow Depth — in. | Observer J.V.W. | Vis. 15 | Vis. 15+ | Vis. 15+ |

66

AUG - 8 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|-----------------------|-----------------------|--------------------------------|-----------------------|
| Max. | 80 °F | Dir. — | Temp. 79 | | | |
| Min. | 54 °F | Vel. — m.p.h. | Read. 29.10 | | | |
| Set | 57 °F | Char. CALM | Corr. 28.95 | | | |
| R. H. | 72 % | 24 hr. Mov. 76 | Sea L. 30.18 | 0700 Clds. 2 Cs | 1300 Clds. 10 As 6 Mc | 1900 Clds. 7 Ac |
| Ppn. Liq. | 0 in. | Prev. Dir. N | 3 hr. Tend. +1.0 J | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer E.Y.W. | Vis. 10 | Vis. 12 | Vis. 15 |

65

AUG 10 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|---------------------|---------------------|---|-----------------------|----------------------|
| Max. | 83 °F | Dir. WSW | Temp. 81 | RW- 1050-1110 E RW- 1145-1200 E | | |
| Min. | 65 °F | Vel. 4 m.p.h. | Read. 28.83 | | | |
| Set | 68 °F | Char. STEADY | Corr. 28.68 | | | |
| R. H. | 86 % | 24 hr. Mov. 83 | Sea L. 29.89 | 0700 Clds. 10As 9Sc Wx = | 1300 Clds. 10Cu | 1900 Clds. 1Cu |
| Ppn. | 7 in. | Prev. Dir. SW | 3 hr. Tend. -0.3 | Wx | Wx | Wx |
| Ppn. | — in. | Snow Depth — in. | Observer E.Y.W. | Vis. 4 | Vis. 10 | Vis. 15+ |

73

AUG 11 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|--------|--------------|-------|--|
| Max. | Dir. | Temp. | | | | |
| 80 °F | — | 77 | | | | |
| Min. | Vel. | Read. | | | | |
| 56 °F | — m.p.h. | 28.83 | | | | |
| Set | Char. | Corr. | | | | |
| 61 °F | CALM | 28.69 | 0700 | 1300 | 1900 | |
| R. H. | 24 hr. Mov. | Sea L. | Clds. | Clds. | Clds. | |
| 80 % | 86 | 29.91 | CLR | 3Cu | CLR | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| .01 in. | N | +0.81 | = | | | |
| Ppn. Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | |
| — in. | — in. | S.T.W. | 5 | 15 | 15 | |

69

AUG 12 1957

0700 EST

Meteorological Observatory
University Park, Pa.

(25)

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|---------------------|----------------------|---|----------------------|----------------------|
| Max. | 88 °F | Dir. SW | Temp. 84 | • 0700 - 0710 E • 0800 - 0815 E RW in Area 0700E-1000 | | |
| Min. | 61 °F | Vel. 1 m.p.h. | Read. 28.85 | | | |
| Set | 65 °F | Char. STEADY | Corr. 28.69 | | | |
| R. H. | 87 % | 24 hr. Mov. 093 | Sea L. 29.90 | 0700 Clds. 7Ac | 1300 Clds. 4Cu | 1900 Clds. CLR |
| Ppn. | Liq. 0 in. | Prev. Dir. SW | 3 hr. Tend. +0.7/ | Wx ≡ | Wx | Wx |
| Ppn. | Sol. - in. | Snow Depth - in. | Observer REH | Vis. 3 | Vis. 15 | Vis. 15 |

AUG 13 1957

0700 EST

Meteorological Observatory
University Park, Pa.

(64)

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|------------|-------------|-------------|-------------|-------|--------------|----------------------------------|---|
| Max. | 82 °F | Dir. | — | Temp. | 81 | | | |
| Min. | 48 °F | Vel. | — m.p.h. | Read. | 29.07 | | | |
| Set | 49 °F | Char. | CALM | Corr. | 28.92 | | | |
| R. H. | 85 % | 24 hr. Mov. | 107 | Sea L. | 30.16 | 0700 | 1300 | 1900 |
| Ppn. | Liq. T in. | Prev. Dir. | N | 3 hr. Tend. | +2.01 | Clds. | Clds. | Clds. |
| | | | | | | CLR | 4 C _u +C _s | 2 H _s A _c 5 C _u +C _s |
| Ppn. | Sol. | Snow Depth | — in. | Observer | REN. | Wx | Wx | Wx |
| | | | | | | Vis. | Vis. | Vis. |
| | | | | | | 15 | 15 | 15 |

AUG 14 1957

0700 EST

Meteorological Observatory
University Park, Pa.

66

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|-------------|-------------|------------------------------|--------------|------------------------|
| Max. | 77 °F | Dir. | Temp. | 77-00-00-00-00-00 | | |
| | | — | 79 | | | |
| Min. | 49 °F | Vel. | Read. | | | |
| | | — m.p.h. | 28.94 | | | |
| Set | 56 °F | Char. | Corr. | | | |
| | | CALM | 28.80 | | | |
| R. H. | 59 % | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 |
| | | 058 | 30.03 | Clds. 4A:Ac 5 Ci | Clds. 9Ac | Clds. 7Cu 10AsAc |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx |
| 0 | in. | NE | 0 | | | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. |
| — | in. | — in. | RSW | 15 | 15 | 15 |

AUG 15 1957

0700 EST

Meteorological Observatory
University Park, Pa.

73

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|---------------------|------------------|-------------------------------|------------------------|----------------------|
| Max. | 90 °F | Dir. — | Temp. 82 | TRW 0045-0115E | | |
| Min. | 56 °F | Vel. — m.p.h. | Read. 28.86 | | | |
| Set | 68 °F | Char. CALM | Corr. 28.71 | | | |
| R. H. | 95 % | 24 hr. Mov. 075 | Sea L. 29.93 | 0700 Clds. 5Sc 8AsAc | 1300 Clds. 9AsAc | 1900 Clds. CLR |
| Ppn. Liq. | 0.26 in. | Prev. Dir. SW | 3 hr. Tend. 0 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer REH. | Vis. 15 | Vis. 15 | Vis. 15 |

AUG 16 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|--------|------------------------|--------------|-------------------------|
| Max. | 85 °F | Dir. | NE | Temp. | 85 | | | |
| Min. | 68 °F | Vel. | 1 m.p.h. | Read. | 28.80 | | | |
| Set | 68 °F | Char. | STEADY | Corr. | 28.64 | | | |
| R. H. | 94 % | 24 hr. Mov. | 052 | Sea L. | 29.85 | 0700 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. | W | 3 hr. Tend. | +1.01 | Clds. 5F, F5 7Sc | Clds. 4Cu | Clds. 8Sc |
| Ppn. | - in. | Snow Depth | - in. | Observer | R.E.H. | Wx = | Wx | Wx |
| | | | | Vis. | 2 | Vis. | 15 | Vis. 15 |

76

AUG 17 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|---------------------|-----------------|-------------------------|-----------------------------|----------------------|----|
| Max. 80 °F | Dir. — | Temp. 83 | | | | |
| Min. 52 °F | Vel. — m.p.h. | Read. 29.03 | | | | |
| Set 53 °F | Char. CALM | Corr. 28.87 | | | | |
| R. H. 87 % | 24 hr. Mov. 101 | Sea L. 30.10 | 0700 Clds. 9Ci+Cs | 1300 Clds. 3Cu 5Ci | 1900 Clds. CLR | |
| | Ppn. Liq. 0 in. | Prev. Dir. N | 3 hr. Tend. +1.6/ | Wx | Wx | Wx |
| Ppn. Sol. — in. | Snow Depth — in. | Observer REH | Vis. 15 | Vis. 15 | Vis. 15 | |

(65)

AUG 18 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|----------------------|-------------------------|-----------------------|----------------------|
| Max. | 77 °F | Dir. — | Temp. 80 | <i>Walo around sun.</i> | | |
| Min. | 48 °F | Vel. — m.p.h. | Read. 29.00 | | | |
| Set | 50 °F | Char. CALM | Corr. 29.85 | | | |
| R. H. | 69 % | 24 hr. Mov. 058 | Sea L. 30.09 | 0700 Clds. CLR | 1300 Clds. 9+CS | 1900 Clds. 8CS |
| Ppn. Liq. | 0 in. | Prev. Dir. NW | 3 hr. Tend. +0.51 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer R.F.H. | Vis. 15 | Vis. 15 | Vis. 15 |

(67)

AUG 19 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|---|--------------|-------|--|
| Max. | Dir. | Temp. | RW- 1425 - 0440 E RW- 1755 - 1820 E RW- 1940 - 2030 E RW- 2245 - 2340 E | | | |
| 76 °F | — | 70 | | | | |
| Min. | Vel. | Read. | | | | |
| 50 °F | — m.p.h. | 28.93 | | | | |
| Set | Char. | Corr. | | | | |
| 54 °F | CALM | 28.81 | 0700 | 1300 | 1900 | |
| R. H. | 24 hr. Mov. | Sea L. | Clds. | Clds. | Clds. | |
| 85 % | 40 | 30.05 | 4CS 1AL | 9+ CU | 9+ CU | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| 0 in. | N | +0.6 ✓ | | | | |
| Ppn. Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | |
| — in. | — in. | J.Y.W. | 10 | 12 | 12 | |

64

AUG 20 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|---------|-------------|-------------|-------------|--------|--------------------------------|-----------------------|-----------------------|
| Max. | 77 °F | Dir. | — | Temp. | 79 | | | |
| Min. | 54 °F | Vel. | — m.p.h. | Read. | 28.90 | | | |
| Set | 59 °F | Char. | CALM | Corr. | 28.76 | | | |
| R. H. | 94 % | 24 hr. Mov. | 81 | Sea L. | 29.99 | 0700 | 1300 | 1900 |
| Ppn. | .03 in. | Prev. Dir. | NNE | 3 hr. Tend. | 1.0 ↓ | Clds. 10 Hs 7 Sc 2 Fs | Clds. 8 Hc 6 Cu | Clds. 4 Hc 2 Cu |
| Ppn. | — in. | Snow Depth | — in. | Observer | E.V.W. | Wx ≡ | Wx | Wx |
| | | | | Observer | E.V.W. | Vis. 2 | Vis. 12 | Vis. 15 |

67

AUG 21 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|---------------------|---------------------|--|------------------------------------|------------------------|--|
| Max. 78 °F | Dir. — | Temp. 80 | Ṙ - 1515 - 1550 E V̇ - 1730 - 1905 E | | | |
| Min. 52 °F | Vel. — m.p.h. | Read. 29.08 | | | | |
| Set 55 °F | Char. CALM | Corr. 28.93 | | | | |
| R. H. 76 % | 24 hr. Mov. 57 | Sea L. 30.16 | 0700 Clds. CLR | 1300 Clds. 9 Ci + Cs 6 CU | 1900 Clds. 10 Sc | |
| Ppn. Liq. 0 in. | Prev. Dir. NNE | 3 hr. Tend. +1.8 | Wx | Wx | Wx V̇ | |
| Ppn. Sol. — in. | Snow Depth — in. | Observer E.Y.W. | Vis. 7 | Vis. 12 | Vis. 12 | |

65

AUG 22 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|---------|---------------------|-----------------------|----------------------|----------------------|----------------------|
| Max. | 82 °F | Dir. NNE | Temp. 76 | | | |
| Min. | 50 °F | Vel. 3 m.p.h. | Read. 29.30 | | | |
| Set | 52 °F | Char. STEADY | Corr. 29.16 | | | |
| R. H. | 84 % | 24 hr. Mov. 84 | Sea L. 30.41 | 0700 Clds. CLR | 1300 Clds. 5CU | 1900 Clds. 1CU |
| Ppn. Liq. | .01 in. | Prev. Dir. NNE | 3 hr. Tend. +1.7 ✓ | Wx ≡ | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer J.Y.W. | Vis. 6 | Vis. 15+ | Vis. 15+ |

58

AUG 23 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|------------------------|----------------------|-----------------------|-----------------------|
| Max. | 78 °F | Dir. — | Temp. 76 | ⊕ Estimated | | |
| Min. | 52 °F | Vel. — m.p.h. | Read. 29.23 | | | |
| Set | 57 °F | Char. CALM | Corr. 29.09 | | | |
| R. H. | 78 % | 24 hr. Moy. 85 ⊕ | Sea L. 30.32 | 0700 Clds. CLR | 1300 Clds. 6 CU | 1900 Clds. 2 CU |
| Ppn. Liq. | 0 in. | Prev. Dir. N ⊕ | 3 hr. Tend. ± 0.0 - | Wx ≡ 1 | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer C.Y.W. | Vis. 2 1/2 | Vis. 12 | Vis. 15 |

67

AUG 24 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|---------------------|------------------------|-----------------------|------------------------|
| Max. | 80 °F | Dir. — | Temp. 77 | | | |
| Min. | 56 °F | Vel. — m.p.h. | Read. 28.93 | | | |
| Set | 57 °F | Char. CALM | Corr. 28.79 | | | |
| R. H. | 58 % | 24 hr. Mov. 91 | Sea L. 30.02 | 0700 Clds. 40'cs | 1300 Clds. 9'cs | 1900 Clds. 10'cs |
| Ppn. Liq. | 0 in. | Prev. Dir. W | 3 hr. Tend. -0.4 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer E.Y.W. | Vis. 10 | Vis. 15 | Vis. 15 |

68

AUG 25 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|---------------------|----------------------|---|---------------------------------|------------------------------------|
| Max. | 82 °F | Dir. — | Temp. 73 | • 1430E - 1900E OCCUL TAROL'G No. 07 PERIOD | | |
| Min. | 57 °F | Vel. — m.p.h. | Read. 28.78 | | | |
| Set | 59 °F | Char. CALM | Corr. 28.65 | | | |
| R. H. | 56 % | 24 hr. Mov. 102 | Sea L. 29.87 | 0700 Clds. 10 Ci: 9 Cs 4 Al | 1300 Clds. 2 Cu 10 As: Ac | 1900 Clds. 4 Se 10 As: Ac |
| Ppn. Liq. | 0 in. | Prev. Dir. S.W. | 3 hr. Tend. -0.34 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth 0 in. | Observer E.Y.W. | Vis. 7 | Vis. 10 | Vis. 10 |

70

AUG 26 1957

0700 EST

Meteorological Observatory
University Park, Pa.

60

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|---------------------|------------------|------------------------|-------------------|--------------------------|
| Max. | 74 °F | Dir. — | Temp. 78 | RW in Area 1630E-1830E | | |
| Min. | 58 °F | Vel. — m.p.h. | Read. 28.81 | | | |
| Set | 59 °F | Char. CAUT | Corr. 28.67 | | | |
| R. H. | 90 % | 24 hr. Mov. 051 | Sea L. 29.92 | 0700 Clds. 25-8 A.R.C. | 1300 Clds. 7 A.C. | 1900 Clds. 4 Cw 7 A.R.C. |
| Ppn. Liq. | 0.05 in. | Prev. Dir. SE (VAR) | 3 hr. Tend. 1051 | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer R.E.W. | Vis. 10 | Vis. 15 | Vis. 15 |

AUG 27 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|-------------|-------------|--------------|-------|-------|
| Max. | 82 °F | Dir. | 80 | | | |
| Min. | 59 °F | Vel. | 28.98 | | | |
| Set | 60 °F | Char. | 28.83 | | | |
| R. H. | 86 % | 24 hr. Mov. | Sea L. | 0700 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. | 30.05 | Clds. | Clds. | Clds. |
| Ppn. | 0 in. | Snow Depth | 3 hr. Tend. | Wx | Wx | Wx |
| | | | Observer | Vis. | Vis. | Vis. |
| | | | REH. | 10 | 15 | 15 |

69

1sc
2Ac
5AsAc
3Cifc

AUG 28 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------|------------------|--------------------|--|--------------------|--------------------|
| Max. | 78 °F | Dir. — | Temp. 80 | 0700-0700P 0300-0330E 1330E | | |
| Min. | 48 °F | Vel. — m.p.h. | Read. 29.16 | | | |
| Set | 98 °F | Char. CALM | Corr. 29.04 | | | |
| R. H. | 86 % | 24 hr. Mov. 121 | Sea L. 30.25 | 0700 Clds. 6 Ci Ci | 1300 Clds. 4 A: Ac | 1900 Clds. 8 A: Ac |
| Ppn. Liq. | 0 in. | Prev. Dir. N | 3 hr. Tend. +0.7 ✓ | Wx | Wx | Wx |
| Ppn. Sol. | — in. | Snow Depth — in. | Observer REH | Vis. 15 | Vis. 15 | Vis. 15 |

62)

AUG 29 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|-------------|-------------|---|--------------|-------------|--|
| Max. | Dir. | Temp. | 00 1750 - 1930E • - - 0130 - 0200E • - - 0300 - 0330E • - - 1530 - 1600E | | | |
| 74 °F | - | 78 | | | | |
| Min. | Vel. | Read. | | | | |
| 48 °F | - m.p.h. | 29.09 | | | | |
| Set | Char. | Corr. | | | | |
| 60 °F | CALM | 28.95 | | | | |
| | | | 0700 | 1300 | 1900 | |
| R. H. | 24 hr. Mov. | Sea L. | Clds. | Clds. | Clds. | |
| 54 % | 0/8 | 30.18 | 4Sc 8Ac | 4Cu 6Ac | 6Cu 10Ac | |
| Ppn. Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | |
| T in. | NE | +0.51 | | | •• | |
| Ppn. Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | |
| - in. | - in. | R.E.H. | 15 | 15 | 8 | |

AUG 30 1957

0700 EST

Meteorological Observatory
University Park, Pa.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|------------------|---------------------|----------------------|---------------|------------------------|------------------------|
| Max. | 86 °F | Dir. — | Temp. 84 | | | |
| Min. | 60 °F | Vel. — m.p.h. | Read. 29.08 | | | |
| Set | 66 °F | Char. CALM | Corr. 28.93 | | | |
| R. H. | 92 % | 24 hr. Mov. 083 | Sea L. 30.15 | 0700 | 1300 | 1900 |
| | | | | Clds. SFC | Clds. 5Cm 6 AsAc | Clds. 6Cm 7 AsAc |
| Ppn. | Liq. 0.04 in. | Prev. Dir. SW | 3 hr. Tend. +1.61 | Wx ≡ | Wx | Wx |
| Ppn. | Sol. — in. | Snow Depth 0 in. | Observer RETJ | Vis. 1 1/2 | Vis. 0 | Vis. 15 |

73

Aug 31, 1957

0700 EST

Meteorological Observatory
University Park, Pa.

71

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|------------------|-------------------|--------------|-------------------|-------------------|
| Max. | 81 °F | Dir. - | Temp. 81 | | | |
| Min. | 64 °F | Vel. - m.p.h. | Read. 29.10 | | | |
| Set | 64 °F | Char. CALM | Corr. 28.95 | | | |
| R. H. | 94 % | 24 hr. Mov. 071 | Sea L. 30.17 | 0700 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. NW | 3 hr. Tend. +0.61 | Clds. 2Fs | Clds. 6lc 10cs | Clds. 7lc 10cs |
| Ppn. | - in. | Snow Depth - in. | Observer RSM | Wx III | Wx | Wx |
| | | | | Vis. 10 | Vis. 10 | Vis. 10 |