

AUGUST 2016 WEATHER DATA FOR MIDDLETOWN, RHODE ISLAND

| DATE      | TEMPERATURE |    |    |    |    |     |      |    | DD |    | SKY |     | PRECIPITATION |      |      |      |     | BAROM |        | RH    |     | DEW PT |       | WINDS |      |     |      | DAY |      | H2O  |     |
|-----------|-------------|----|----|----|----|-----|------|----|----|----|-----|-----|---------------|------|------|------|-----|-------|--------|-------|-----|--------|-------|-------|------|-----|------|-----|------|------|-----|
|           | HI          | LO | M  | 12 | DP | TDP | RG   | H  | C  | E  | M   | L   | LIQ           | 1H   | RT   | MH   | SN  | MH    | D      | HIGH  | LOW | MN     | HI    | LO    | M    | AVG | GUST | THI | HI   | TMP  | SC  |
| Aug 1 16  | Mo          | 81 | 64 | 73 | 69 | +0  | +0   | 17 | 8  | O  | P   | O   | .15           | .11  | .70  | .15  | 0.0 | 0.0   | 30.07  | 29.99 | 78% | 68     | 62    | 65    | NE   | 5.1 | ESE  | 19  | 83   | 70.7 | F   |
| Aug 2 16  | Tu          | 73 | 63 | 68 | 67 | -5  | -5   | 10 | 3  | O  | P   | P   | .18           | .13  | .48  | .33  | 0.0 | 0.0   | 30.12  | 30.03 | 80% | 65     | 61    | 63    | NNE  | 4.7 | NNE  | 17  | 75   | 70.5 | F   |
| Aug 3 16  | We          | 79 | 61 | 70 | 63 | -3  | -8   | 18 | 5  | C  | C   | C   |               |      |      | .33  | 0.0 | 0.0   | 30.16  | 30.10 | 75% | 66     | 58    | 62    | SSW  | 3.8 | SW   | 16  | 80   | 70.8 | F   |
| Aug 4 16  | Th          | 78 | 58 | 68 | 61 | -4  | -12  | 20 | 3  | C  | C   | C   |               |      |      | .33  | 0.0 | 0.0   | 30.16  | 30.06 | 75% | 66     | 56    | 61    | SSW  | 2.7 | S    | 13  | 79   | 71.8 | F   |
| Aug 5 16  | Fr          | 79 | 60 | 70 | 63 | -2  | -14  | 19 | 5  | C  | C   | C   |               |      |      | .33  | 0.0 | 0.0   | 30.07  | 29.84 | 79% | 67     | 59    | 63    | SW   | 5.0 | SSW  | 19  | 81   | 72.1 | F   |
| Aug 6 16  | Sa          | 83 | 70 | 77 | 70 | +5  | -9   | 13 | 12 | P  | P   | P   | T             | T    |      | .33  | 0.0 | 0.0   | 29.84  | 29.64 | 84% | 74     | 66    | 70    | SW   | 7.3 | SW   | 22  | 90   | 72.6 | F   |
| Aug 7 16  | Su          | 84 | 67 | 76 | 73 | +4  | -5   | 17 | 11 | C  | C   | P   |               |      |      | .33  | 0.0 | 0.0   | 29.89  | 29.69 | 67% | 69     | 59    | 64    | SW   | 4.9 | SW   | 22  | 86   | 71.5 | F   |
| Aug 8 16  | Mo          | 83 | 63 | 73 | 67 | +1  | -4   | 20 | 8  | P  | P   | P   |               |      |      | .33  | 0.0 | 0.0   | 30.08  | 29.89 | 68% | 65     | 59    | 62    | SW   | 4.1 | SSW  | 14  | 82   | 71.9 | F   |
| Aug 9 16  | Tu          | 85 | 61 | 73 | 68 | +1  | -3   | 24 | 8  | C  | C   | P   |               |      |      | .33  | 0.0 | 0.0   | 30.20  | 30.08 | 70% | 69     | 59    | 64    | SW   | 3.9 | SW   | 15  | 85   | 72.8 | F   |
| Aug 10 16 | We          | 77 | 69 | 73 | 71 | +1  | -2   | 8  | 8  | M  | O   | O   | .33           | .27  | 1.65 | .66  | 0.0 | 0.0   | 30.21  | 30.08 | 90% | 74     | 68    | 71    | SW   | 6.6 | WSW  | 19  | 81   | 72.7 | F   |
| Aug 11 16 | Th          | 86 | 73 | 80 | 74 | +8  | +6   | 13 | 15 | M  | P   | M   | .01           | .01  |      | .67  | 0.0 | 0.0   | 30.08  | 29.93 | 86% | 77     | 72    | 75    | SW   | 6.0 | SW   | 19  | 96   | 73.6 | FH  |
| Aug 12 16 | Fr          | 86 | 73 | 80 | 75 | +8  | +14  | 13 | 15 | O  | P   | O   | .05           | .05  | .87  | .72  | 0.0 | 0.0   | 29.93  | 29.78 | 86% | 77     | 71    | 74    | SW   | 7.4 | SW   | 25  | 96   | 74.7 | FHT |
| Aug 13 16 | Sa          | 89 | 72 | 81 | 75 | +1  | +24  | 17 | 16 | P  | P   | M   |               |      |      | .72  | 0.0 | 0.0   | 29.95  | 29.83 | 82% | 79     | 69    | 74    | SW   | 4.8 | NNE  | 29  | 104  | 75.4 | FT  |
| Aug 14 16 | Su          | 90 | 71 | 81 | 72 | +10 | +34  | 19 | 16 | O  | P   | P   | .01           | .01  |      | .73  | 0.0 | 0.0   | 29.96  | 29.84 | 80% | 78     | 69    | 74    | SW   | 6.9 | WSW  | 29  | 101  | 75.4 | X   |
| Aug 15 16 | Mo          | 88 | 74 | 81 | 78 | +10 | +44  | 14 | 16 | C  | P   | P   |               |      |      | .73  | 0.0 | 0.0   | 30.18  | 29.95 | 71% | 75     | 66    | 71    | WNW  | 4.6 | NW   | 15  | 93   | 73.1 | F   |
| Aug 16 16 | Tu          | 83 | 69 | 76 | 74 | +5  | +24  | 14 | 11 | M  | M   | M   | .02           | .02  |      | .75  | 0.0 | 0.0   | 30.19  | 29.98 | 83% | 76     | 67    | 72    | SSW  | 5.2 | S    | 21  | 92   | 74.2 | F   |
| Aug 17 16 | We          | 85 | 67 | 76 | 77 | +5  | +54  | 18 | 11 | M  | P   | P   |               |      |      | .75  | 0.0 | 0.0   | 30.01  | 29.85 | 72% | 75     | 61    | 68    | WNW  | 8.9 | NW   | 27  | 87   | 73.0 | F   |
| Aug 18 16 | Th          | 83 | 65 | 74 | 67 | +3  | +57  | 18 | 9  | O  | P   | P   | T             | T    |      | .75  | 0.0 | 0.0   | 30.00  | 29.88 | 72% | 69     | 62    | 66    | SW   | 4.0 | SW   | 17  | 86   | 72.3 | F   |
| Aug 19 16 | Fr          | 85 | 68 | 77 | 72 | +6  | +63  | 17 | 12 | C  | P   | P   |               |      |      | .75  | 0.0 | 0.0   | 29.94  | 29.88 | 73% | 68     | 65    | 67    | SSW  | 3.8 | W    | 18  | 87   | 71.6 | F   |
| Aug 20 16 | Sa          | 82 | 67 | 75 | 70 | +5  | +68  | 15 | 10 | P  | P   | P   |               |      |      | .75  | 0.0 | 0.0   | 29.96  | 29.92 | 75% | 70     | 63    | 67    | SE   | 4.5 | ESE  | 16  | 85   | 71.9 | F   |
| Aug 21 16 | Su          | 81 | 67 | 74 | 68 | +4  | +72  | 14 | 9  | P  | C   | O   |               |      |      | .75  | 0.0 | 0.0   | 29.96  | 29.78 | 75% | 72     | 62    | 67    | ESE  | 5.7 | SE   | 17  | 85   | 71.7 | X   |
| Aug 22 16 | Mo          | 81 | 65 | 73 | 73 | +3  | +75  | 16 | 8  | O  | C   | C   | .30           | .19  | 2.34 | 1.05 | 0.0 | 0.0   | 30.14  | 29.72 | 70% | 74     | 52    | 63    | NW   | 8.0 | WNW  | 21  | 80   | 72.0 | F   |
| Aug 23 16 | Tu          | 77 | 57 | 67 | 65 | -3  | +72  | 20 | 2  | C  | C   | C   |               |      |      | 1.05 | 0.0 | 0.0   | 30.27  | 30.14 | 61% | 61     | 48    | 55    | SW   | 5.4 | SW   | 24  | 77   | 71.6 | F   |
| Aug 24 16 | We          | 84 | 64 | 74 | 67 | +4  | +76  | 20 | 9  | C  | P   | P   |               |      |      | 1.05 | 0.0 | 0.0   | 30.25  | 30.14 | 70% | 66     | 61    | 64    | SW   | 5.7 | SW   | 22  | 86   | 72.4 | F   |
| Aug 25 16 | Th          | 80 | 68 | 74 | 69 | +5  | +81  | 12 | 9  | P  | P   | P   |               |      |      | 1.05 | 0.0 | 0.0   | 30.14  | 29.98 | 77% | 69     | 65    | 67    | SW   | 8.0 | SSW  | 25  | 82   | 72.7 | F   |
| Aug 26 16 | Fr          | 84 | 72 | 78 | 73 | +9  | +90  | 12 | 13 | O  | P   | C   | T             | T    |      | 1.05 | 0.0 | 0.0   | 30.00  | 29.91 | 83% | 74     | 69    | 72    | SW   | 6.4 | SW   | 22  | 91   | 72.8 | F   |
| Aug 27 16 | Sa          | 87 | 67 | 77 | 73 | +8  | +98  | 20 | 12 | C  | C   | P   |               |      |      | 1.05 | 0.0 | 0.0   | 30.23  | 30.00 | 64% | 69     | 60    | 65    | N    | 3.5 | SSE  | 13  | 90   | 71.8 | F   |
| Aug 28 16 | Su          | 85 | 64 | 75 | 67 | +3  | +104 | 21 | 10 | P  | C   | C   |               |      |      | 1.05 | 0.0 | 0.0   | 30.26  | 30.14 | 68% | 66     | 57    | 62    | SSW  | 2.8 | SSW  | 14  | 86   | 72.5 | F   |
| Aug 29 16 | Mo          | 89 | 68 | 79 | 68 | +10 | +114 | 21 | 14 | M  | P   | C   |               |      |      | 1.05 | 0.0 | 0.0   | 30.14  | 29.99 | 64% | 70     | 56    | 63    | NW   | 6.2 | NW   | 22  | 91   | 72.5 | F   |
| Aug 30 16 | Tu          | 80 | 60 | 70 | 68 | +1  | +115 | 20 | 5  | C  | P   | O   |               |      |      | 1.05 | 0.0 | 0.0   | 30.15  | 30.02 | 72% | 66     | 55    | 61    | SSW  | 4.0 | SW   | 14  | 81   | 71.8 | F   |
| Aug 31 16 | We          | 79 | 68 | 74 | 69 | +6  | +121 | 11 | 9  | P  | C   | O   | T             | T    |      | 1.05 | 0.0 | 0.0   | 30.02  | 29.86 | 84% | 72     | 66    | 69    | SW   | 6.0 | SW   | 19  | 82   | 72.1 | F   |
| AVG       |             | 83 | 66 | 75 | 70 | +4  | +44  | 16 | 0  | 10 |     | .03 |               |      |      | 0.0  | 0   | 0     | 30.008 | 29.92 | 75% | 66.27  | 66.27 | SW    | 5.35 | SW  | 20   | 86  | 72.5 |      |     |
| MAX       |             | 90 | 74 | 81 | 78 | +10 | +121 | 24 | 0  | 16 |     | .33 | .27           | 2.34 | 1.05 | 0.0  | 0   | 0     | 30.27  | 30.14 | 90% | 79     | 72    | 75    | WNW  | 8.9 | NNE  | 29  | 104  | 75.4 |     |
| MIN       |             | 73 | 57 | 67 | 61 | -5  | -14  | 8  | 0  | 2  |     |     |               |      |      |      |     |       | 29.84  | 29.64 | 61% | 61     | 48    | 55    | SSW  | 2.7 | S    | 13  |      | 70.5 |     |

# OF DAYS - AUGUST 2016

| TEMP DEP | MX TMP | MIN TEMP | MX DEW | MIN DEW |    |     |    |      |    |
|----------|--------|----------|--------|---------|----|-----|----|------|----|
| Norm     | 1      | ≥90      | 1      | ≥70     | 7  | ≥70 | 15 | ≥70  | 2  |
| >0       | 25     | ≥80      | 24     | ≥60     | 29 | ≥60 | 31 | ≥60  | 20 |
| ≥+5      | 16     | ≥70      | 31     | ≥50     | 31 | ≥50 | 31 | ≥50  | 30 |
| ≥+10     | 4      | ≥60      | 31     | <50     |    | ≥40 | 31 | ≥40  | 31 |
| <0       | 5      | ≥50      | 31     | <40     |    | <40 |    | <30  |    |
| ≤-5      | 1      | <50      |        | <30     |    | <30 |    | <20  |    |
| ≤-10     |        | <40      |        | <20     |    | <20 |    | <10  |    |
|          |        | <30      |        | <10     |    | <10 |    | ≤0   |    |
|          |        | <20      |        | ≤0      |    | ≤0  |    | ≤-10 |    |
|          |        | ≤32      |        | ≤32     |    | ≤32 |    | ≤32  |    |

| LIQUID | SNOW | WINDS | SKY | SC    |    |    |    |          |    |
|--------|------|-------|-----|-------|----|----|----|----------|----|
| None   | 23   | None  | 31  | W <3  | 2  | CL | 10 | F        | 12 |
| Trace  | 4    | Trace |     | W <5  | 18 | PC | 14 | DF       | 2  |
| ≥ .01  | 8    | ≥ 0.1 |     | W <10 | 31 | OV | 7  | HZ       | 2  |
| ≥ .10  | 4    | ≥ 1   |     | W ≥10 |    |    |    | TS       | 2  |
| ≥ .20  | 2    | ≥ 2   |     | W ≥13 |    |    |    | IP       |    |
| ≥ .30  | 2    | ≥ 3   |     | G <20 | 18 |    |    | Z        |    |
| ≥ .40  |      | ≥ 4   |     | G <30 | 31 |    |    | THI ≥100 | 2  |
| ≥ .50  |      | ≥ 5   |     | G ≥30 |    |    |    | THI ≥90  | 10 |
| ≥ .75  |      | ≥ 6   |     | G ≥40 |    |    |    | THI ≥85  | 19 |
| ≥ 1.00 |      | ≥ 9   |     | G ≥50 |    |    |    | THI ≥80  | 28 |

AUGUST 2016 WEATHER DATA - MIDDLETOWN, RHODE ISLAND

| TEMPERATURE  |       |
|--------------|-------|
| Mean         | 74.53 |
| Normal       | 70.8  |
| Departure    | +3.69 |
| Aug 2015     | 73.0  |
| High Mean    | 74.5  |
| Year         | 2016  |
| Low Mean     | 65.8  |
| Year         | 1964  |
| Avg High     | 82.8  |
| Normal       | 78.3  |
| Departure    | +4.5  |
| Aug 2015     | 80.4  |
| High Max     | 82.8  |
| Year         | 2016  |
| Low Max      | 30.8  |
| Year         | 1893  |
| Avg Low      | 66.3  |
| Normal       | 63.4  |
| Departure    | +2.9  |
| Aug 2015     | 65.5  |
| High Min     | 66.6  |
| Year         | 1939  |
| Low Min      | 57.6  |
| Year         | 1964  |
| Total Dep    | +121  |
| Aug 2015     | +72   |
| High Depart  | +121  |
| Year         | 2016  |
| Low Depart   | -139  |
| Year         | 1964  |
| Running Dep  | +3.69 |
| Aug 2015     | +2.11 |
| High Run Dep | +3.69 |
| Year         | 2016  |
| Low Run Dep  | -4.81 |
| Year         | 1964  |

| LIQUID PRECIP |        |
|---------------|--------|
| Month         | 1.05   |
| Normal        | 3.81   |
| Departure     | -2.76  |
| % Of Norm     | 28%    |
| Aug 2015      | 3.07   |
| Month Max     | 11.81  |
| Year          | 1985   |
| Month Min     | .33    |
| Year          | 1993   |
| Year Total    | 18.71  |
| Year Norm     | 31.62  |
| Year Dep      | -12.91 |
| % Of Norm     | 59%    |
| Aug 2015      | 25.06  |
| Year Max      | 45.30  |
| Year          | 1998   |
| Year Min      | 16.54  |
| Year          | 1957   |

| SNOW       |      |
|------------|------|
| Month      | 0.0  |
| Normal     | 0.0  |
| Departure  | +0.0 |
| % Of Norm  | 0%   |
| Aug 2015   | 0.0  |
| Month Max  | 0.0  |
| Year       | <30  |
| Month Min  | 0.0  |
| Year       | 0.0  |
| Seas Total | 0.0  |
| Seas Norm  | 0.0  |
| Seas Dep   | +0.0 |
| % Of Norm  | 0%   |
| Aug 2015   | 0.0  |
| Seas Max   | 0.0  |
| Year       | <30  |
| Seas Min   | 0.0  |
| Year       | 0.0  |

| HEATING DD  |      |
|-------------|------|
| Month       | 0    |
| Normal      | 9    |
| Departure   | -9   |
| % Of Normal | 0%   |
| Aug 2015    | 0    |
| Month Max   | 38   |
| Year        | 1905 |
| Month Min   | 0    |
| Year        | 2016 |
| Seas Total  | 1    |
| Seas Norm   | 9    |
| Seas Depart | -8   |
| % Of Normal | 11%  |
| Aug 2015    | 0    |
| Season Max  | 40   |
| Year        | 1914 |
| Season Min  | 0    |
| Year        | 2015 |

| COOLING DD  |        |
|-------------|--------|
| Month       | 302    |
| Normal      | 194    |
| Depart      | +108   |
| % Of Normal | 156%   |
| Aug 2015    | 253    |
| Month Max   | 302    |
| Year        | 2016   |
| Month Min   | 61     |
| Year        | 1964   |
| Year Total  | 671    |
| Year Normal | 498    |
| Year Depart | +173   |
| % of Normal | 135%   |
| Aug 2015    | 567    |
| Year Max    | 691    |
| Year        | 2010   |
| Year Min    | 253    |
| Year        | 1902</ |