

DECEMBER 1976 WEATHER DATA - NEWPORT, RHODE ISLAND

| DATE      | TEMPERATURE |    |    |    |    |     |      | DD | SKY | PRECIPITATION |   |   |     |     | BAROM |     | RH  | DEW PT |       |       | WINDS |       |     |    | WC  | SC   |     |    |     |      |
|-----------|-------------|----|----|----|----|-----|------|----|-----|---------------|---|---|-----|-----|-------|-----|-----|--------|-------|-------|-------|-------|-----|----|-----|------|-----|----|-----|------|
|           | HI          | LO | M  | 12 | DP | TDP | DF   |    |     | H             | C | E | M   | L   | LIQ   | 1H  | MH  | SN     | MH    | D     | HIGH  | LOW   | MM  | HI |     |      | LO  | M  | AVG | GUST |
| Dec 1 76  | W           | 32 | 18 | 25 | 20 | -15 | -15  | 14 | 40  | C             | C | P |     |     | .00   |     | 0.0 |        | 30.47 | 30.17 | 57%   | 10    | 6   | 8  | W   | 4.5  | W   | 15 | 9   |      |
| Dec 2 76  | T           | 44 | 22 | 33 | 22 | -7  | -22  | 22 | 32  | P             | O | O | .01 | .01 | .01   | T   | T   |        | 30.17 | 29.81 | 63%   | 21    | 9   | 15 | WNW | 9.4  | NW  | 34 | 7   |      |
| Dec 3 76  | F           | 22 | 8  | 15 | 22 | -24 | -46  | 14 | 50  | C             | C | C |     |     | .01   |     | T   | T      | 30.44 | 30.08 | 40%   | 9     | -15 | -3 | NW  | 13.4 | NW  | 35 | -12 |      |
| Dec 4 76  | S           | 29 | 11 | 20 | 11 | -19 | -65  | 18 | 45  | P             | O | M | .05 |     | .06   | 0.7 | 0.7 | T      | 30.44 | 30.25 | 61%   | 15    | -7  | 4  | NW  | 4.8  | NW  | 12 | 3   |      |
| Dec 5 76  | S           | 36 | 15 | 26 | 15 | -12 | -77  | 21 | 39  | P             | M | C |     |     | .06   | T   | 0.7 | 1      | 30.46 | 30.30 | 70%   | 15    | 9   | 12 | WNW | 5.7  | NW  | 26 | 0   |      |
| Dec 6 76  | M           | 38 | 22 | 30 | 22 | -8  | -85  | 16 | 35  | C             | M | M |     |     | .06   | T   | 0.7 | T      | 30.63 | 30.28 | 65%   | 26    | 13  | 20 | WSW | 2.3  | NE  | 11 | 17  |      |
| Dec 7 76  | T           | 55 | 33 | 44 | 33 | +6  | -79  | 22 | 21  | O             | O | O | .89 | .31 | .95   |     | 0.7 |        | 30.28 | 29.16 | 81%   | 53    | 26  | 40 | SSE | 10.4 | S   | 32 | 22  | F    |
| Dec 8 76  | W           | 39 | 19 | 29 | 39 | -8  | -87  | 20 | 36  | O             | O | O | .02 | .01 | .97   |     | 0.7 |        | 30.05 | 29.42 | 72%   | 32    | 5   | 19 | NNW | 9.0  | N   | 28 | 5   |      |
| Dec 9 76  | T           | 25 | 13 | 19 | 19 | -18 | -105 | 12 | 46  | P             | P | C |     |     | .97   |     | 0.7 |        | 30.56 | 30.05 | 61%   | 12    | -5  | 4  | WNW | 12.9 | WNW | 43 | -7  |      |
| Dec 10 76 | F           | 47 | 16 | 32 | 16 | -5  | -110 | 31 | 33  | O             | P | O |     |     | .97   |     | 0.7 |        | 30.47 | 30.23 | 65%   | 34    | 1   | 18 | SW  | 12.4 | SW  | 40 | -3  |      |
| Dec 11 76 | S           | 47 | 29 | 38 | 43 | +2  | -108 | 18 | 27  | M             | M | M |     |     | .97   |     | 0.7 |        | 30.23 | 29.98 | 53%   | 33    | 11  | 22 | W   | 10.3 | WSW | 34 | 16  |      |
| Dec 12 76 | S           | 41 | 20 | 31 | 29 | -5  | -113 | 21 | 34  | M             | O | F | .14 | .08 | 1.11  |     | 0.7 |        | 30.01 | 29.65 | 87%   | 40    | 14  | 27 | SW  | 3.5  | WSW | 13 | 13  | XZ   |
| Dec 13 76 | M           | 41 | 12 | 27 | 41 | -9  | -122 | 29 | 38  | P             | P | C |     |     | 1.11  | T   | 0.7 |        | 30.05 | 29.67 | 60%   | 38    | -16 | 11 | NW  | 21.4 | NW  | 62 | 2   |      |
| Dec 14 76 | T           | 36 | 8  | 22 | 12 | -13 | -135 | 28 | 43  | C             | P | P |     |     | 1.11  |     | 0.7 | T      | 30.54 | 30.05 | 55%   | 28    | -10 | 9  | SW  | 10.8 | SW  | 34 | -2  |      |
| Dec 15 76 | W           | 48 | 31 | 40 | 36 | +5  | -130 | 17 | 25  | P             | M | M |     |     | 1.11  |     | 0.7 |        | 30.18 | 29.80 | 56%   | 26    | 21  | 24 | WSW | 8.7  | WSW | 28 | 21  |      |
| Dec 16 76 | T           | 44 | 31 | 38 | 31 | +3  | -127 | 13 | 27  | M             | O | O |     |     | 1.11  |     | 0.7 |        | 29.86 | 29.64 | 83%   | 36    | 23  | 30 | NNE | 5.6  | NNE | 19 | 23  | F    |
| Dec 17 76 | F           | 40 | 31 | 36 | 33 | +1  | -126 | 9  | 29  | O             | O | M | .53 | .07 | 1.64  | 1.6 | 2.3 |        | 29.64 | 29.17 | 85%   | 33    | 25  | 29 | WNW | 5.8  | WNW | 19 | 23  | FI   |
| Dec 18 76 | S           | 38 | 29 | 34 | 31 | +0  | -126 | 9  | 31  | P             | P | C |     |     | 1.64  |     | 2.3 | 2      | 30.00 | 29.64 | 63%   | 25    | 14  | 20 | WNW | 11.8 | NW  | 35 | 16  |      |
| Dec 19 76 | S           | 39 | 19 | 29 | 29 | -5  | -131 | 20 | 36  | P             | P | M |     |     | 1.64  |     | 2.3 | 1      | 30.18 | 29.81 | 64%   | 33    | 5   | 19 | WSW | 5.1  | SW  | 19 | 8   |      |
| Dec 20 76 | M           | 50 | 32 | 41 | 32 | +8  | -123 | 18 | 24  | P             | M | O |     |     | 1.64  |     | 2.3 |        | 29.81 | 29.24 | 92%   | 49    | 29  | 39 | SSE | 3.1  | S   | 15 | 26  | F    |
| Dec 21 76 | T           | 48 | 17 | 33 | 48 | +0  | -123 | 31 | 32  | O             | P | P | .58 | .22 | 2.22  |     | 2.3 |        | 29.42 | 29.00 | 75%   | 47    | 4   | 26 | WNW | 18.6 | WNW | 47 | -3  | F    |
| Dec 22 76 | W           | 28 | 14 | 21 | 17 | -12 | -135 | 14 | 44  | C             | P | M |     |     | 2.22  |     | 2.3 |        | 30.38 | 29.42 | 54%   | 16    | -1  | 8  | W   | 9.4  | WNW | 32 | -3  |      |
| Dec 23 76 | T           | 38 | 23 | 31 | 23 | -2  | -137 | 15 | 34  | M             | M | P |     |     | 2.22  |     | 2.3 |        | 30.01 | 29.58 | 64%   | 21    | 16  | 19 | WSW | 4.2  | WSW | 14 | 16  |      |
| Dec 24 76 | F           | 34 | 22 | 28 | 23 | -5  | -142 | 12 | 37  | P             | C | C |     |     | 2.22  |     | 2.3 |        | 30.04 | 29.82 | 58%   | 16    | 7   | 12 | NW  | 6.9  | NW  | 26 | 9   |      |
| Dec 25 76 | S           | 41 | 19 | 30 | 22 | -2  | -144 | 22 | 35  | P             | O | O |     |     | 2.22  |     | 2.3 |        | 30.19 | 29.70 | 71%   | 27    | 11  | 19 | SSW | 7.0  | SSW | 27 | 5   |      |
| Dec 26 76 | S           | 39 | 28 | 34 | 39 | +2  | -142 | 11 | 31  | O             | O | P | .52 | .18 | 2.74  | 0.1 | 2.4 |        | 29.70 | 29.03 | 89%   | 33    | 18  | 26 | NW  | 5.7  | NW  | 19 | 19  | F    |
| Dec 27 76 | M           | 30 | 17 | 24 | 28 | -8  | -150 | 13 | 41  | C             | C | P |     |     | 2.74  |     | 2.4 | T      | 29.49 | 29.24 | 67%   | 24    | 2   | 13 | WNW | 15.6 | WNW | 54 | -4  |      |
| Dec 28 76 | T           | 23 | 15 | 19 | 17 | -13 | -163 | 8  | 46  | O             | O | O | .05 |     | 2.79  | 1.3 | 3.7 |        | 29.63 | 29.37 | 74%   | 16    | 3   | 10 | N   | 5.6  | N   | 19 | 3   |      |
| Dec 29 76 | W           | 25 | 20 | 23 | 20 | -9  | -172 | 5  | 42  | O             | O | P | .40 |     | 3.19  | 5.8 | 9.5 | 1      | 29.49 | 29.18 | 83%   | 17    | 12  | 15 | NNW | 8.3  | WNW | 25 | 7   |      |
| Dec 30 76 | T           | 25 | 13 | 19 | 20 | -12 | -184 | 12 | 46  | C             | C | P |     |     | 3.19  |     | 9.5 | 7      | 29.72 | 29.49 | 62%   | 12    | 0   | 6  | WNW | 13.5 | WNW | 37 | -6  |      |
| Dec 31 76 | F           | 22 | 13 | 18 | 17 | -13 | -197 | 9  | 47  | O             | P | C |     |     | 3.19  |     | 9.5 | 7      | 29.59 | 29.40 | 64%   | 10    | -1  | 5  | WNW | 6.5  | WNW | 21 | -1  |      |
| AVG       |             | 37 | 20 | 28 | 26 | -6  | -117 | 17 | 36  |               |   |   | .10 |     |       | 0.3 | 1   |        | 29.87 |       | 67%   | 16.71 |     |    | WNW | 8.78 | NW  | 28 | 7   |      |
| MAX       |             | 55 | 33 | 44 | 48 | +8  | -15  | 31 | 50  |               |   |   | .89 | .31 |       | 5.8 | 7   |        | 30.63 | 30.30 | 92%   | 53    | 29  | 40 | NW  | 21.4 | NW  | 62 |     |      |
| MIN       |             | 22 | 8  | 15 | 11 | -24 | -197 | 5  | 21  |               |   |   |     |     |       |     |     |        | 29.42 | 29.00 | 40%   | 9     | -16 | -3 | WSW | 2.3  | NE  | 11 | -12 |      |

Number Of Days - Dec 1976

| TEMP DEP | MX TMP | MIN TEMP | MX DEW | MIN DEW | LIQUID | SNOW | WINDS | SKY    | SC   |       |       |       |       |             |    |        |    |
|----------|--------|----------|--------|---------|--------|------|-------|--------|------|-------|-------|-------|-------|-------------|----|--------|----|
| Norm     | 2      | ≥90      | ≥70    | ≥70     | None   | 21   | None  | 26     | W <3 | 2     | CL    | 5     | F     | 7           |    |        |    |
| >0       | 7      | ≥80      | ≥60    | ≥60     | Trace  | 7    | Trace | 6      | W <5 | 7     | PC    | 9     | HF    | 1           |    |        |    |
| ≥+5      | 3      | ≥70      | ≥50    | ≥50     | 1      | ≥.01 | 10    | ≥ 0.1  | 5    | W <10 | 20    | OV    | 17    | HZ          |    |        |    |
| ≥+10     |        | ≥60      | <50    | 31      | ≥40    | 4    | ≥.10  | 6      | ≥ 1  | 3     | W ≥10 | 11    |       | TS          |    |        |    |
| <0       | 22     | ≥50      | <40    | 31      | <40    | 27   | <30   | 31     | ≥.20 | 5     | ≥ 2   | 1     | W ≥13 | 6           | IP | 1      |    |
| ≤-5      | 20     | <50      | 29     | <30     | 26     | <30  | 19    | <20    | 26   | ≥.30  | 5     | ≥ 3   | 1     | G <20       | 11 | Z      | 1  |
| ≤-10     |        | <40      | 19     | <20     | 17     | <20  | 11    | <10    | 18   | ≥.40  | 5     | ≥ 4   | 1     | G <30       | 18 |        | 31 |
|          |        | <30      | 8      | <10     | 2      | <10  | 1     | ≤0     | 8    | ≥.50  | 4     | ≥ 5   | 1     | G ≥30       | 13 | WC ≤32 | 20 |
|          |        | <20      |        | ≤0      |        | ≤-10 | 3     | ≥.75   | 1    | ≥ 6   |       | ≥ 6   |       | G ≥40       | 5  | WC <10 | 20 |
|          |        | ≤32      | 10     | ≤32     | 30     | ≤32  | 20    | ≥ 1.00 |      | ≥ 9   |       | G ≥50 | 2     | Depth T/1 " |    | WC ≤0  | 10 |

| TEMPERATURES |       |
|--------------|-------|
| Mean         | 28.68 |
| Normal       | 35.0  |
| Departure    | -6.32 |
| Dec 1975     | 33.90 |
| Avg High     | 36.90 |
| Normal       | 42.5  |
| Departure    | -5.6  |
| Avg Low      | 20.00 |
| Normal       | 27.5  |
| Departure    | -7.5  |
| Total Dep    | -197  |
| Dec 1975     | -35   |

| LIQUID PRECIP |       |
|---------------|-------|
| Month         | 3.19  |
| Normal        | 4.38  |
| Departure     | -1.19 |
| % Of Norm     | 73%   |
| Dec 1975      | 4.06  |
| Year          | 36.01 |
| Year Norm     | 45.34 |
| Year Dep      | -9.33 |
| % Of Norm     | 79%   |
| Dec 1975      | 51.96 |

| SNOW      |      |
|-----------|------|
| Month     | 9.5  |
| Normal    | 7.0  |
| Departure | +2.5 |
| % Of Norm | 136% |
| Dec 1975  | 4.8  |
| Season    | 9.5  |
| Seas Norm | 8.1  |
| Seas Dep  | +1.4 |
| % Of Norm | 117% |
| Dec 1975  | 4.8  |

| HEATING DD |      |
|------------|------|
| Month      | 1126 |
| Normal     | 940  |
| Departure  | +186 |
| % Of Norm  | 120% |
| Dec 1975   | 964  |
| Season     | 2398 |
| Seas Norm  | 1995 |
| Seas Dep   | +403 |
| % Of Norm  | 120% |
| Dec 1975   | 1836 |

| COOLING DD |     |
|------------|-----|
| Month      | 0   |
| Normal     | 0   |
| Departure  | +0  |
| % Of Norm  |     |
| Dec 1975   | 0   |
| Year       | 517 |
| Year Norm  | 579 |
| Year Dep   | -62 |
| % Of Norm  | 89% |
| Dec 1975   | 571 |

| SKY |     |
|-----|-----|
| C   | 20% |
| P   | 30% |
| H   |     |
| M   | 18% |
| O   | 30% |
| F   | 1%  |
| SS  | 45% |
| WS  | 35% |
| Lq  | 32% |
| 75  | 39% |
| Sn  | 16% |
| 75  | 6%  |

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