

JULY 1987 WEATHER DATA - PORTSMOUTH, RHODE ISLAND

| DATE      | TEMPERATURE |    |    |    |    |     |     | DD |    | SKY |   |   |     | PRECIPITATION |     |      |   | BAROM |       | RH    |     |       | DEW PT |     |      | WINDS |     |    |    | THI | SC |
|-----------|-------------|----|----|----|----|-----|-----|----|----|-----|---|---|-----|---------------|-----|------|---|-------|-------|-------|-----|-------|--------|-----|------|-------|-----|----|----|-----|----|
|           | HI          | LO | M  | 12 | DP | TDP | DF  | H  | C  | E   | M | L | LIQ | 1H            | MH  | SNMP | D | HIGH  | LOW   | MN    | HI  | LO    | M      | AVG | GUST | THI   | SC  |    |    |     |    |
| Jul 1 87  | W           | 82 | 65 | 74 | 70 | +5  | +5  | 17 |    | 9   | M | O | O   | .14           | .06 | .14  |   |       | 30.15 | 29.83 | 69% | 69    | 52     | 61  | SSE  | 2.1   | SSE | 13 | 82 | FT  |    |
| Jul 2 87  | T           | 73 | 60 | 67 | 66 | -2  | +3  | 13 |    | 2   | O | O | O   | .19           | .11 | .33  |   |       | 30.17 | 29.82 | 81% | 62    | 54     | 58  | ENE  | 4.4   | SE  | 13 | 73 | F   |    |
| Jul 3 87  | F           | 72 | 59 | 66 | 60 | -3  | +0  | 13 |    | 1   | O | O | F   | .56           | .23 | .89  |   |       | 30.04 | 29.70 | 92% | 65    | 59     | 62  | N    | 2.9   | SSE | 12 | 72 | X   |    |
| Jul 4 87  | S           | 75 | 62 | 69 | 66 | +0  | +0  | 13 |    | 4   | F | O | P   |               |     | .89  |   |       | 29.99 | 29.57 | 82% | 63    | 60     | 62  | SW   | 5.4   | SW  | 24 | 75 | X   |    |
| Jul 5 87  | S           | 80 | 60 | 70 | 70 | +1  | +1  | 20 |    | 5   | P | M | P   |               |     | .89  |   |       | 30.17 | 29.73 | 76% | 63    | 58     | 61  | SW   | 4.6   | S   | 18 | 81 |     |    |
| Jul 6 87  | M           | 76 | 58 | 67 | 63 | -2  | -1  | 18 |    | 2   | P | M | P   |               |     | .89  |   |       | 30.28 | 29.97 | 76% | 61    | 51     | 56  | S    | 6.4   | S   | 18 | 76 |     |    |
| Jul 7 87  | T           | 71 | 55 | 63 | 58 | -7  | -8  | 16 | 2  |     | P | O | O   | T             | T   | .89  |   |       | 30.20 | 29.91 | 89% | 61    | 54     | 58  | S    | 6.3   | S   | 17 | 71 |     |    |
| Jul 8 87  | W           | 71 | 63 | 67 | 63 | -3  | -11 | 8  |    | 2   | O | O | O   | .08           | .05 | .97  |   |       | 30.13 | 29.82 | 94% | 65    | 60     | 63  | S    | 7.3   | S   | 16 | 71 | FT  |    |
| Jul 9 87  | T           | 77 | 66 | 72 | 67 | +2  | -9  | 11 |    | 7   | O | M | M   |               |     | .97  |   |       | 30.10 | 29.70 | 85% | 67    | 62     | 65  | SSE  | 5.3   | SSE | 16 | 77 | F   |    |
| Jul 10 87 | F           | 84 | 67 | 76 | 69 | +6  | -3  | 17 | 11 |     | P | M | M   |               |     | .97  |   |       | 30.03 | 29.67 | 82% | 71    | 67     | 69  | SE   | 4.7   | SSE | 18 | 89 | F   |    |
| Jul 11 87 | S           | 79 | 66 | 73 | 72 | +3  | +0  | 13 |    | 8   | P | M | O   |               |     | .97  |   |       | 30.11 | 29.70 | 90% | 71    | 66     | 69  | SSE  | 5.6   | SE  | 20 | 80 | X   |    |
| Jul 12 87 | S           | 73 | 68 | 71 | 69 | +1  | +1  | 5  |    | 6   | F | F | O   |               |     | .97  |   |       | 30.10 | 29.68 | 96% | 72    | 68     | 70  | SSE  | 7.3   | SSE | 18 | 73 | X   |    |
| Jul 13 87 | M           | 74 | 67 | 71 | 71 | +1  | +2  | 7  |    | 6   | F | O | O   |               |     | .97  |   |       | 30.02 | 29.64 | 96% | 71    | 66     | 69  | SSE  | 7.5   | SSE | 17 | 74 | X   |    |
| Jul 14 87 | T           | 78 | 68 | 73 | 71 | +2  | +4  | 10 |    | 8   | F | O | O   | .09           | .08 | 1.06 |   |       | 29.86 | 29.54 | 94% | 72    | 66     | 69  | SSE  | 9.1   | SSE | 18 | 78 | XT  |    |
| Jul 15 87 | W           | 79 | 63 | 71 | 71 | +0  | +4  | 16 |    | 6   | P | M | P   |               |     | 1.06 |   |       | 30.00 | 29.59 | 72% | 69    | 52     | 61  | NW   | 10.3  | NW  | 26 | 79 |     |    |
| Jul 16 87 | T           | 73 | 59 | 66 | 65 | -5  | -1  | 14 |    | 1   | M | O | P   |               |     | 1.06 |   |       | 30.21 | 29.87 | 72% | 57    | 51     | 54  | NE   | 3.9   | ENE | 17 | 73 |     |    |
| Jul 17 87 | F           | 81 | 58 | 70 | 59 | -1  | -2  | 23 |    | 5   | C | P | P   |               |     | 1.06 |   |       | 30.30 | 30.03 | 64% | 55    | 47     | 51  | WNW  | 3.8   | WNW | 22 | 81 |     |    |
| Jul 18 87 | S           | 86 | 61 | 74 | 62 | +3  | +1  | 25 |    | 9   | P | P | P   |               |     | 1.06 |   |       | 30.14 | 29.85 | 65% | 59    | 53     | 56  | W    | 7.9   | WNW | 21 | 86 |     |    |
| Jul 19 87 | S           | 81 | 66 | 74 | 78 | +3  | +4  | 15 |    | 9   | M | M | M   |               |     | 1.06 |   |       | 30.16 | 29.84 | 64% | 65    | 53     | 59  | NNE  | 5.5   | NNE | 24 | 82 |     |    |
| Jul 20 87 | M           | 80 | 63 | 72 | 67 | +1  | +5  | 17 |    | 7   | O | O | O   |               |     | 1.06 |   |       | 30.24 | 29.81 | 73% | 68    | 52     | 60  | SSW  | 10.4  | SSW | 26 | 81 | F   |    |
| Jul 21 87 | T           | 85 | 65 | 75 | 70 | +3  | +8  | 20 | 10 |     | C | M | P   |               |     | 1.06 |   |       | 30.16 | 29.74 | 83% | 72    | 61     | 67  | N    | 7.4   | NE  | 21 | 92 | F   |    |
| Jul 22 87 | W           | 83 | 62 | 73 | 65 | +1  | +9  | 21 |    | 8   | M | P | P   |               |     | 1.06 |   |       | 30.19 | 29.86 | 77% | 67    | 60     | 64  | ESE  | 4.5   | ESE | 20 | 86 |     |    |
| Jul 23 87 | T           | 76 | 62 | 69 | 67 | -3  | +6  | 14 |    | 4   | M | M | M   |               |     | 1.06 |   |       | 30.21 | 29.83 | 87% | 66    | 61     | 64  | SSE  | 8.1   | SSE | 23 | 76 | F   |    |
| Jul 24 87 | F           | 84 | 67 | 76 | 69 | +4  | +10 | 17 |    | 11  | M | P | M   |               |     | 1.06 |   |       | 30.15 | 29.84 | 75% | 67    | 63     | 65  | SW   | 9.3   | SSW | 25 | 85 | F   |    |
| Jul 25 87 | S           | 84 | 70 | 77 | 77 | +5  | +15 | 14 |    | 12  | P | O | M   |               |     | 1.06 |   |       | 30.17 | 29.70 | 74% | 67    | 63     | 65  | WSW  | 6.3   | W   | 23 | 86 | FH  |    |
| Jul 26 87 | S           | 86 | 69 | 78 | 72 | +6  | +21 | 17 | 13 |     | M | M | P   | T             | T   | 1.06 |   |       | 29.99 | 29.50 | 75% | 72    | 51     | 62  | W    | 9.1   | W   | 24 | 89 | FHT |    |
| Jul 27 87 | M           | 81 | 64 | 73 | 70 | +1  | +22 | 17 |    | 8   | P | P | P   |               |     | 1.06 |   |       | 29.98 | 29.64 | 62% | 63    | 48     | 56  | SW   | 6.8   | SSW | 26 | 81 |     |    |
| Jul 28 87 | T           | 82 | 61 | 72 | 67 | +0  | +22 | 21 |    | 7   | P | P | P   |               |     | 1.06 |   |       | 30.05 | 29.62 | 65% | 61    | 49     | 55  | WNW  | 4.1   | S   | 20 | 82 |     |    |
| Jul 29 87 | W           | 78 | 61 | 70 | 64 | -2  | +20 | 17 |    | 5   | P | P | P   |               |     | 1.06 |   |       | 30.16 | 29.78 | 66% | 60    | 52     | 56  | ENE  | 6.0   | S   | 22 | 78 |     |    |
| Jul 30 87 | T           | 73 | 58 | 66 | 63 | -6  | +14 | 15 |    | 1   | P | M | M   |               |     | 1.06 |   |       | 30.10 | 29.77 | 80% | 61    | 55     | 58  | S    | 6.2   | S   | 21 | 73 |     |    |
| Jul 31 87 | F           | 77 | 62 | 70 | 68 | -2  | +12 | 15 |    | 5   | P | P | C   |               |     | 1.06 |   |       | 30.13 | 29.71 | 69% | 61    | 48     | 55  | NNW  | 4.8   | NE  | 20 | 77 |     |    |
| AVG       |             | 79 | 63 | 71 | 67 | +0  | +5  | 15 | 0  | 6   |   |   |     | .03           |     |      |   |       | 29.93 |       | 78% | 61.05 |        | SSE | 6.2  | SSE   | 20  | 79 |    |     |    |
| MAX       |             | 86 | 70 | 78 | 78 | +6  | +22 | 25 | 2  | 13  |   |   |     | .56           | .23 |      |   |       | 30.30 | 30.03 | 96% | 72    | 68     | 70  | SSW  | 10.4  | NW  | 26 | 92 |     |    |
| MIN       |             | 71 | 55 | 63 | 58 | -7  | -11 | 5  | 0  | 0   |   |   |     |               |     |      |   |       | 29.86 | 29.50 | 62% | 55    | 47     | 51  | SSE  | 2.1   | SSE | 12 |    |     |    |

# Of Days - July 1987

| TEMP DEP | MX TMP | MIN TEMP | MX DEW | MIN DEW | LIQUID | SNOW | WINDS | SKY  | SC |       |    |       |   |       |    |          |    |
|----------|--------|----------|--------|---------|--------|------|-------|------|----|-------|----|-------|---|-------|----|----------|----|
| Norm     | 3      | ≥90      | ≥70    | 1       | ≥70    | 7    | ≥70   | None | 26 | None  | 31 | W <3  | 2 | CL    |    | F        | 11 |
| >0       | 17     | ≥80      | 14     | ≥60     | 25     | ≥60  | 28    | ≥60  | 13 | Trace | 2  | Trace |   | PC    | 11 | HF       | 6  |
| ≥+5      | 4      | ≥70      | 31     | ≥50     | 31     | ≥50  | 31    | ≥50  | 27 | ≥.01  | 5  | ≥0.1  |   | OV    | 20 | HZ       | 2  |
| ≥+10     |        | ≥60      | 31     | <50     |        | ≥40  | 31    | ≥40  | 31 | ≥.10  | 3  | ≥1    |   |       |    | TS       | 4  |
| <0       | 11     | ≥50      | 31     | <40     |        | <40  |       | <30  |    | ≥.20  | 1  | ≥2    |   |       |    | IP       |    |
| ≤-5      | 3      | <50      |        | <30     |        | <30  |       | <20  |    | ≥.30  | 1  | ≥3    |   | G <20 | 13 | Z        |    |
| ≤-10     |        | <40      |        | <20     |        | <20  |       | <10  |    | ≥.40  | 1  | ≥4    |   | G <30 | 31 |          |    |
|          |        | <30      |        | <10     |        | <10  |       | ≤0   |    | ≥.50  | 1  | ≥5    |   | G ≥30 |    | THI ≥100 |    |
|          |        | <20      |        | ≤0      |        | ≤0   |       | ≤-10 |    | ≥.75  |    | ≥6    |   | G ≥40 |    | THI ≥90  | 1  |
|          |        | ≤32      |        | ≤32     |        | ≤32  |       | ≤32  |    | ≥1.00 |    | ≥9    |   | G ≥50 |    | THI ≥85  | 7  |
|          |        |          |        |         |        |      |       |      |    |       |    |       |   |       |    | THI ≥80  | 15 |

| TEMPERATURES |       |
|--------------|-------|
| Mean         | 71.13 |
| Normal       | 70.8  |
| Departure    | +0.33 |
| July 86      | 70.19 |
| Avg High     | 78.52 |
| Normal       | 78.3  |
| Departure    | +0.2  |
| Avg Low      | 63.06 |
| Normal       | 63.0  |
| Departure    | +0.1  |
| Total Dep    | +12   |
| July 86      | -17   |

| LIQUID PRECIP |       |
|---------------|-------|
| Month         | 1.06  |
| Normal        | 2.85  |
| Departure     | -1.79 |
| % Of Norm     | 37%   |
| July 86       | 6.14  |
| Year          | 21.23 |
| Year Norm     | 25.42 |
| Year Dep      | -4.19 |
| % Of Norm     | 84%   |
| July 86       | 26.27 |

| SNOW      |      |
|-----------|------|
| Month     | 0.0  |
| Normal    | 0.0  |
| Departure | +0.0 |
| % Of Norm | 0%   |
| July 86   | 0.0  |
| Season    | 0.0  |
| Seas Norm | 0.0  |
| Seas Dep  | +0.0 |
| % Of Norm | 0%   |
| July 86   | 0.0  |

| HEATING DD |    |
|------------|----|
| Month      | 2  |
| Normal     | 0  |
| Departure  | +2 |
| % Of Norm  |    |
| July 86    | 15 |
| Season     | 2  |
| Seas Norm  | 0  |
| Seas Dep   |    |
| % Of Norm  |    |
| July 86    | 15 |

| COOLING DD |     |
|------------|-----|
| Month      | 192 |
| Normal     | 229 |
| Departure  | -37 |
| % Of Norm  | 84% |
| July 86    | 176 |
| Year       | 294 |
| Year Norm  | 319 |
| Year Dep   | -25 |
| % Of Norm  | 92% |
| July 86    | 233 |

| SKY |     |
|-----|-----|
| C   | 3%  |
| P   | 37% |
| H   |     |
| M   | 27% |
| O   | 27% |
| F   | 6%  |
| SS  | 35% |
| 86  | 39% |
| Lq  | 16% |
| 86  | 32% |
| Sn  |     |
| 86  |     |

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