

GRAINS OF WATER VAPOR IN ONE CUBIC FOOT OF AIR

| °F | Grains | °F | Grains | °F | Grains |
|------|---------|-----|---------|----|--------|
| -110 | 0.00031 | -40 | 0.0051 | 5 | 0.606 |
| -108 | 0.00038 | -39 | 0.0554 | 6 | 0.637 |
| -106 | 0.00045 | -38 | 0.0588 | 7 | 0.668 |
| -104 | 0.00053 | -37 | 0.0624 | 8 | 0.702 |
| -102 | 0.00063 | -36 | 0.662 | 9 | 0.736 |
| -100 | 0.00074 | -35 | 0.0703 | 10 | 0.773 |
| -98 | 0.00087 | -34 | 0.0746 | 11 | 0.81 |
| -96 | 0.00103 | -33 | 0.079 | 12 | 0.85 |
| -94 | 0.00121 | -32 | 0.0838 | 13 | 0.891 |
| -92 | 0.00142 | -31 | 0.0888 | 14 | 0.935 |
| -90 | 0.00167 | -30 | 0.941 | 15 | 0.98 |
| -88 | 0.00195 | -29 | 0.997 | 16 | 1.027 |
| -86 | 0.00228 | -28 | 0.1055 | 17 | 1.076 |
| -84 | 0.00265 | -27 | 0.1117 | 18 | 1.127 |
| -82 | 0.00308 | -26 | 0.1182 | 19 | 1.181 |
| -80 | 0.00358 | -25 | 0.1251 | 20 | 1.236 |
| -78 | 0.00414 | -24 | 0.1323 | 21 | 1.295 |
| -76 | 0.0048 | -23 | 0.1399 | 22 | 1.354 |
| -74 | 0.00556 | -22 | 0.1479 | 23 | 1.419 |
| -72 | 0.00643 | -21 | 0.1563 | 24 | 1.485 |
| -70 | 0.0741 | -20 | 0.1648 | 25 | 1.553 |
| -68 | 0.00853 | -19 | 0.1745 | 26 | 1.624 |
| -66 | 0.00977 | -18 | 0.1842 | 27 | 1.698 |
| -64 | 0.01122 | -17 | 0.1946 | 28 | 1.776 |
| -62 | 0.01285 | -16 | 0.2054 | 29 | 1.856 |
| -60 | 0.0146 | -15 | 0.02168 | 30 | 1.94 |
| -59 | 0.0156 | -14 | 0.2287 | 31 | 2.027 |
| -58 | 0.0167 | -13 | 0.2413 | 32 | 2.118 |
| -57 | 0.0178 | -12 | 0.2546 | 33 | 2.202 |
| -56 | 0.019 | -11 | 0.2683 | 34 | 2.286 |
| -55 | 0.0203 | -10 | 0.2829 | 35 | 2.375 |
| -54 | 0.0217 | -9 | 0.298 | 36 | 2.466 |
| -53 | 0.0232 | -8 | 0.3141 | 37 | 2.561 |
| -52 | 0.0247 | -7 | 0.3306 | 38 | 2.657 |
| -51 | 0.0263 | -6 | 0.3483 | 39 | 2.759 |
| -50 | 0.028 | -5 | 0.3666 | 40 | 2.862 |
| -49 | 0.0299 | -4 | 0.3861 | 41 | 2.97 |
| -48 | 0.0318 | -3 | 0.4061 | 42 | 3.082 |
| -47 | 0.0339 | -2 | 0.4272 | 43 | 3.195 |
| -46 | 0.0361 | -1 | 0.4492 | 44 | 3.315 |
| -45 | 0.0384 | 0 | 0.473 | 45 | 3.453 |
| -44 | 0.409 | 1 | 0.496 | 46 | 3.562 |
| -43 | 0.043 | 2 | 0.522 | 47 | 3.691 |
| -42 | 0.0462 | 3 | 0.549 | 48 | 3.826 |
| -41 | 0.049 | 4 | 0.576 | 49 | 3.963 |