Water Vapor Pressure at Various Temperatures

**Calculator for Water Vapor at Various Temperatures:** <https://tinyurl.com/watervaporpressure>

**Walkthrough about how to collect a gas over water:**
<https://tinyurl.com/collectinggasoverwater>

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **T(°C)** | **P(mmHg)** | **T(°C)** | **P(mmHg)** | **T(°C)** | **P(mmHg)** | **T(°C)** | **P(mmHg)** |
| 1 | 4.8853 | 26 | 25.1370 | 51 | 96.9771 | 76 | 300.7990 |
| 2 | 5.2511 | 27 | 26.6642 | 52 | 101.8561 | 77 | 313.5406 |
| 3 | 5.6409 | 28 | 28.2715 | 53 | 106.9439 | 78 | 326.7347 |
| 4 | 6.0559 | 29 | 29.9623 | 54 | 112.2477 | 79 | 340.3943 |
| 5 | 6.4975 | 30 | 31.7402 | 55 | 117.7751 | 80 | 354.5323 |
| 6 | 6.9673 | 31 | 33.6089 | 56 | 123.5336 | 81 | 369.1619 |
| 7 | 7.4667 | 32 | 35.5723 | 57 | 129.5310 | 82 | 384.2966 |
| 8 | 7.9973 | 33 | 37.6344 | 58 | 135.7755 | 83 | 399.9502 |
| 9 | 8.5608 | 34 | 39.7993 | 59 | 142.2751 | 84 | 416.1368 |
| 10 | 9.1588 | 35 | 42.0711 | 60 | 149.0384 | 85 | 432.8706 |
| 11 | 9.7932 | 36 | 44.4543 | 61 | 156.0740 | 86 | 450.1661 |
| 12 | 10.4659 | 37 | 46.9533 | 62 | 163.3906 | 87 | 468.0383 |
| 13 | 11.1787 | 38 | 49.5729 | 63 | 170.9974 | 88 | 486.5021 |
| 14 | 11.9337 | 39 | 52.3178 | 64 | 178.9036 | 89 | 505.5729 |
| 15 | 12.7330 | 40 | 55.1928 | 65 | 187.1186 | 90 | 525.2664 |
| 16 | 13.5787 | 41 | 58.2032 | 66 | 195.6521 | 91 | 545.59.85 |
| 17 | 14.4732 | 42 | 61.3541 | 67 | 204.5142 | 92 | 566.5854 |
| 18 | 15.4189 | 43 | 64.6509 | 68 | 213.7147 | 93 | 588.2434 |
| 19 | 16.4180 | 44 | 68.0992 | 69 | 223.2643 | 94 | 610.5894 |
| 20 | 17.4733 | 45 | 71.7046 | 70 | 233.1733 | 95 | 633.6405 |
| 21 | 18.5872 | 46 | 75.4730 | 71 | 243.4526 | 96 | 657.4138 |
| 22 | 19.7626 | 47 | 79.4105 | 72 | 254.1137 | 97 | 681.9270 |
| 23 | 21.0023 | 48 | 83.5232 | 73 | 265.1667 | 98 | 707.1980 |
| 24 | 22.3092 | 49 | 87.8175 | 74 | 276.6242 | 99 | 733.2450 |
| 25 | 23.684 | 50 | 92.2999 | 75 | 288.4977 | 100 | 764.2602**R-32** |