

Table 1. Vapor Pressure of Liquid Water between 15.0°C and 29.9°C

calculated with the Clausius-Clapeyron equation using the following data:

$$P_{\text{H}_2\text{O}}(\text{at } 25.0^\circ\text{C}) = 23.756 \text{ torr}$$
$$\Delta H_{\text{vap}}(\text{at } 25.0^\circ\text{C}) = 43990 \text{ J/mol}$$
$$R = 8.31451 \text{ J/K}\cdot\text{mol}$$

Temperature (°C)	Vapor Pressure (torr)
15.0	12.833
15.1	12.915
15.2	12.997
15.3	13.080
15.4	13.164
15.5	13.247
15.6	13.332
15.7	13.417
15.8	13.502
15.9	13.588
16.0	13.674
16.1	13.761
16.2	13.848
16.3	13.936
16.4	14.024
16.5	14.113
16.6	14.202
16.7	14.292
16.8	14.382
16.9	14.473
17.0	14.564
17.1	14.656
17.2	14.748
17.3	14.841
17.4	14.934
17.5	15.028
17.6	15.123
17.7	15.218
17.8	15.313
17.9	15.409
18.0	15.505
18.1	15.603
18.2	15.700
18.3	15.798
18.4	15.897
18.5	15.996
18.6	16.096
18.7	16.196
18.8	16.297
18.9	16.399
19.0	16.501
19.1	16.603
19.2	16.706
19.3	16.810
19.4	16.914
19.5	17.019
19.6	17.124
19.7	17.231
19.8	17.337
19.9	17.444

Temperature (°C)	Vapor Pressure (torr)
20.0	17.552
20.1	17.660
20.2	17.769
20.3	17.879
20.4	17.989
20.5	18.100
20.6	18.211
20.7	18.323
20.8	18.436
20.9	18.549
21.0	18.663
21.1	18.777
21.2	18.892
21.3	19.008
21.4	19.124
21.5	19.241
21.6	19.359
21.7	19.477
21.8	19.596
21.9	19.715
22.0	19.835
22.1	19.956
22.2	20.078
22.3	20.200
22.4	20.322
22.5	20.446
22.6	20.570
22.7	20.695
22.8	20.820
22.9	20.946
23.0	21.073
23.1	21.201
23.2	21.329
23.3	21.458
23.4	21.587
23.5	21.717
23.6	21.848
23.7	21.980
23.8	22.112
23.9	22.245
24.0	22.379
24.1	22.513
24.2	22.648
24.3	22.784
24.4	22.921
24.5	23.058
24.6	23.196
24.7	23.335
24.8	23.475
24.9	23.615

Temperature (°C)	Vapor Pressure (torr)
25.0	23.756
25.1	23.898
25.2	24.040
25.3	24.184
25.4	24.328
25.5	24.472
25.6	24.618
25.7	24.764
25.8	24.911
25.9	25.059
26.0	25.208
26.1	25.357
26.2	25.507
26.3	25.658
26.4	25.810
26.5	25.963
26.6	26.116
26.7	26.270
26.8	26.425
26.9	26.581
27.0	26.738
27.1	26.895
27.2	27.053
27.3	27.213
27.4	27.372
27.5	27.533
27.6	27.695
27.7	27.857
27.8	28.020
27.9	28.185
28.0	28.350
28.1	28.515
28.2	28.682
28.3	28.850
28.4	29.018
28.5	29.187
28.6	29.357
28.7	29.528
28.8	29.700
28.9	29.873
29.0	30.047
29.1	30.221
29.2	30.397
29.3	30.573
29.4	30.750
29.5	30.929
29.6	31.108
29.7	31.288
29.8	31.469
29.9	31.651