VAPOR PRESSURE OF WATER BELOW 100°C

Pressure of aqueous vapor over water in mm of Hg for temperatures from −10 to 100°C. Values for fractional degrees between 10 and 99 were obtained by interpolation.

Temp. °C	0.0	0.2	0.4	0.6	0.8
−10	1.946	1.914	1.880	1.846	1.813
−14	1.880	1.854	1.811	1.488	1.400
−13	1.891	1.866	1.837	1.811	1.866
−12	1.864	1.834	1.775	1.746	1.720
−11	1.887	1.858	1.884	1.861	1.863
−10	2.149	2.116	2.084	2.050	2.018
− 9	2.355	2.324	2.324	2.319	2.184
− 8	2.814	2.476	2.457	2.399	2.362
− 7	2.715	2.674	2.633	2.593	2.553
− 6	2.961	2.917	2.849	2.800	2.757
− 5	3.161	3.115	3.069	3.023	2.976
− 4	3.449	3.398	3.348	3.298	3.211
− 3	3.678	3.623	3.569	3.514	3.461
− 2	3.995	3.938	3.881	3.766	3.730
− 1	4.258	4.196	4.135	4.075	4.016
− 0	4.570	4.513	4.446	4.385	4.320
0	4.579	4.647	4.716	4.786	4.858
1	4.926	4.998	5.070	5.144	5.219
2	5.294	5.370	5.447	5.525	5.605
3	5.685	5.766	5.848	5.931	6.015
4	6.101	6.187	6.274	6.363	6.453
5	6.543	6.634	6.728	6.822	6.917
6	7.013	7.111	7.209	7.309	7.411
7	7.513	7.617	7.722	7.828	7.936
8	8.045	8.155	8.267	8.380	8.494
9	8.609	8.727	8.846	8.965	9.086
10	9.209	9.333	9.459	9.585	9.714
11	9.844	9.978	10.109	10.244	10.380
12	10.516	10.658	10.799	10.941	11.085
13	11.231	11.379	11.528	11.680	11.835
14	11.987	12.144	12.302	12.462	12.624
15	12.788	12.953	13.121	13.290	13.461
16	13.634	13.809	13.987	14.166	14.347
17	14.530	14.715	14.901	15.092	15.284
18	15.477	15.673	15.871	16.071	16.272
19	16.477	16.686	16.894	17.105	17.319
20	17.535	17.755	17.974	18.197	18.422
21	18.650	18.880	19.113	19.349	19.587
22	19.827	20.070	20.316	20.565	20.815
23	21.068	21.324	21.583	21.845	22.110
24	22.377	22.648	22.922	23.198	23.476
25	23.756	24.039	24.326	24.617	24.912
26	25.209	25.509	25.813	26.117	26.426
27	26.739	27.054	27.374	27.696	28.021
28	28.349	28.690	29.033	29.384	29.697
29	30.043	30.402	30.765	31.102	31.461
30	31.824	32.191	32.561	32.934	33.312
31	33.695	34.072	34.471	34.864	35.261
32	35.663	36.048	36.477	36.891	37.308
33	37.729	38.155	38.584	39.015	39.457
34	39.898	40.344	40.796	41.251	41.710
35	42.175	42.644	43.117	43.595	44.078
36	44.563	45.064	45.569	46.080	46.596
37	47.067	47.598	48.133	48.672	49.157
38	49.692	50.251	50.774	51.323	51.879
39	52.442	53.009	53.580	54.156	54.737
40	55.324	55.91	56.51	57.11	57.72
41	58.34	58.96	59.58	60.22	60.86

Temp. °C	0.0	0.2	0.4	0.6	0.8
42	61.50	62.14	62.80	63.46	64.13
43	64.80	65.48	66.16	66.86	67.56
44	68.26	68.97	69.69	70.41	71.14
45	71.88	72.62	73.36	74.12	74.88
46	75.65	76.42	77.21	78.00	78.80
47	79.60	80.41	81.23	82.05	82.87
48	83.71	84.56	85.42	86.28	87.14
49	88.02	88.90	89.79	90.68	91.58
50	92.51	93.5	94.4	95.3	96.3
51	97.20	98.2	99.1	100.1	101.1
52	102.09	103.1	104.1	105.1	106.2
53	107.20	108.2	109.3	110.4	111.4
54	112.51	113.6	114.7	115.8	116.9
55	118.04	119.1	120.3	121.5	122.6
56	123.80	125.0	126.2	127.4	128.6
57	129.82	131.0	132.3	133.5	134.7
58	136.06	137.3	138.5	139.8	141.0
59	142.60	143.9	145.2	146.5	147.8
60	149.38	150.7	152.1	153.5	154.9
61	156.43	157.8	159.2	160.6	162.3
62	163.77	165.2	166.8	168.3	169.8
63	171.38	172.9	174.5	176.1	177.7
64	179.31	180.9	182.5	184.2	185.8
65	187.54	189.2	190.9	192.6	194.3
66	196.00	197.8	199.6	201.3	203.1
67	204.96	206.8	208.6	210.5	212.3
68	214.17	216.0	218.0	219.9	221.8
69	223.73	225.7	227.7	229.7	231.7
70	233.7	235.7	237.7	239.7	241.8
71	243.9	246.0	248.2	250.3	252.4
72	254.6	256.8	259.0	261.2	263.4
73	265.7	268.0	270.2	272.6	274.9
74	277.2	279.4	281.8	284.2	286.6
75	289.1	291.5	294.0	296.4	298.8
76	301.4	303.8	306.4	308.9	311.4
77	314.1	316.6	319.2	321.8	324.5
78	327.3	330.0	332.8	335.6	338.3
79	341.0	343.8	346.6	349.4	352.2
80	355.1	358.0	361.0	363.9	366.9
81	369.7	372.6	375.6	378.6	381.6
82	384.9	388.0	391.2	394.4	397.4
83	400.6	403.8	407.0	410.2	413.6
84	416.8	420.2	423.6	426.8	430.2
85	433.6	437.0	440.4	444.0	447.5
86	450.9	454.4	458.0	461.6	465.2
87	468.7	472.4	476.0	479.8	483.4
88	487.1	491.0	494.7	498.5	502.2
89	506.1	510.0	513.9	517.8	521.8
90	525.76	529.77	533.80	537.86	541.9
91	546.05	550.18	554.35	558.53	562.7
92	566.99	571.26	575.56	579.87	584.2
93	588.60	593.00	597.43	601.89	606.3
94	610.90	615.44	620.01	624.61	629.2
95	633.86	638.59	643.30	648.05	652.8
96	657.62	662.45	667.31	672.20	677.1
97	682.07	687.04	692.05	697.10	702.1
98	707.27	712.40	717.56	722.75	727.9
99	733.24	738.53	743.85	749.20	754.5
100	760.00	765.45	770.93	776.44	782.0
101	787.57	793.18	798.82	804.50	810.2