

Absolute pressure p bar	Temperature t_s °C	Specific volume of boiling water v' m ³ /kg	Specific steam volume v'' m ³ /kg	Steam density ρ'' kg/m ³	Enthalpy of water h' kJ/kg	Enthalpy of steam h'' kJ/kg	Evaporation heat r kJ/kg
0.010	6.98	0.0010001	129.20	0.00774	29.34	2514.4	2485.0
0.015	13.04	0.0010006	87.98	0.01137	54.71	2525.5	2470.7
0.020	17.51	0.0010012	67.01	0.01492	73.46	2533.6	2460.2
0.025	21.10	0.0010020	54.26	0.01843	88.45	2540.2	2451.7
0.030	24.10	0.0010027	45.67	0.02190	101.00	2545.6	2444.6
0.035	26.69	0.0010033	39.48	0.02533	111.85	2550.4	2438.5
0.040	28.98	0.0010040	34.80	0.02873	121.41	2554.5	2433.1
0.045	31.04	0.0010046	31.14	0.03211	129.99	2558.2	2428.2
0.050	32.90	0.0010052	28.19	0.03547	137.77	2561.6	2423.8
0.055	34.61	0.0010058	25.77	0.03880	144.91	2564.7	2419.8
0.060	36.18	0.0010064	23.74	0.04212	151.50	2567.5	2416.0
0.065	37.65	0.0010069	22.02	0.04542	157.64	2570.2	2412.5
0.070	39.03	0.0010074	20.53	0.04871	163.38	2572.6	2409.2
0.075	40.32	0.0010079	19.24	0.05198	168.77	2574.9	2406.2
0.080	41.53	0.0010084	18.10	0.05523	173.86	2577.1	2403.2
0.085	42.69	0.0010089	17.10	0.05848	178.69	2579.2	2400.5
0.090	43.79	0.0010094	16.20	0.06171	183.28	2581.1	2397.9
0.095	44.83	0.0010098	15.40	0.06493	187.65	2583.0	2395.3
0.10	45.83	0.0010102	14.67	0.06814	191.83	2584.8	2392.9
0.15	54.00	0.0010140	10.02	0.09977	225.97	2599.2	2373.2
0.20	60.09	0.0010172	7.650	0.1307	251.45	2609.9	2358.4
0.25	64.99	0.0010199	6.204	0.1612	271.99	2618.3	2346.4
0.30	69.12	0.0010223	5.229	0.1912	289.30	2625.4	2336.1
0.40	75.89	0.0010265	3.993	0.2504	317.65	2636.9	2319.2
0.45	78.74	0.0010284	3.576	0.2796	329.64	2641.7	2312.0
0.50	81.35	0.0010301	3.240	0.3086	340.56	2646.0	2305.4
0.55	83.74	0.0010317	2.964	0.3374	350.61	2649.9	2299.3
0.60	85.95	0.0010333	2.732	0.3661	359.93	2653.6	2293.6
0.65	88.02	0.0010347	2.535	0.3945	368.62	2656.9	2288.3
0.70	89.96	0.0010361	2.365	0.4229	376.77	2660.1	2283.3
0.75	91.79	0.0010375	2.217	0.4511	384.45	2663.0	2278.6
0.80	93.51	0.0010387	2.087	0.4792	391.72	2665.8	2274.0
0.85	95.15	0.0010400	1.972	0.5071	398.63	2668.4	2269.8
0.90	96.71	0.0010412	1.869	0.5350	405.21	2670.9	2265.6
0.95	98.20	0.0010423	1.777	0.5627	411.49	2673.2	2261.7
1.00	99.63	0.0010434	1.694	0.5904	417.51	2675.4	2257.9

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1.5	111.37	0.0010530	1.159	0.8628	467.13	2693.4	2226.2
2.0	120.23	0.0010608	0.8854	1.129	504.70	2706.3	2201.6
2.5	127.43	0.0010675	0.7184	1.392	535.34	2716.4	2181.0
3.0	133.54	0.0010735	0.6056	1.651	561.43	2724.7	2163.2
3.5	138.87	0.0010789	0.5240	1.908	584.27	2731.6	2147.4
4.0	143.62	0.0010839	0.4622	2.163	604.67	2737.6	2133.0
4.5	147.92	0.0010885	0.4138	2.417	623.16	2742.9	2119.7
5.0	151.84	0.0010928	0.3747	2.669	640.12	2747.5	2107.4
5.5	155.46	–	0.3426	2.920	655.78	2751.7	2095.9
6.0	158.84	0.0011009	0.3155	3.170	670.42	2755.5	2085.0
6.5	161.99	–	0.2925	3.419	684.12	2758.8	2074.0
7.0	164.96	0.0011082	0.2727	3.667	697.06	2762.0	2064.9
7.5	167.75	–	0.2554	3.915	709.29	2764.8	2055.5
8.0	170.41	0.0011150	0.2403	4.162	720.94	2767.5	2046.5
8.5	172.94	–	0.2268	4.409	732.02	2769.9	2037.9
9.0	175.36	0.0011213	0.2148	4.655	742.64	2772.1	2029.5
9.5	177.66	–	0.2040	4.901	752.81	2774.2	2021.4
10.0	179.88	0.0011274	0.1943	5.147	762.61	2776.2	2013.6
11	184.07	0.0011331	0.1747	5.637	781.13	2779.7	1998.5
12	187.96	0.0011386	0.1632	6.127	798.43	2782.7	1984.3
13	191.61	0.0011438	0.1511	6.617	814.70	2785.4	1970.7
14	195.04	0.0011489	0.1407	7.106	830.08	2787.8	1957.7
15	198.29	0.0011539	0.1317	7.596	844.67	2789.9	1945.2
16	201.37	0.0011586	0.1237	8.085	858.56	2791.7	1933.2
17	204.31	0.0011633	0.1166	8.575	871.84	2793.4	1921.5
18	207.11	0.0011678	0.1103	9.065	884.58	2794.8	1910.3
19	209.80	0.0011723	0.1047	9.555	896.81	2796.1	1899.3
20	212.37	0.0011766	0.09954	10.05	908.59	2797.2	1886.6
21	214.85	0.0011809	0.09489	10.54	919.96	2798.2	1878.2
22	217.24	0.0011850	0.09065	11.03	930.95	2799.1	1868.1
23	219.55	0.0011892	0.08677	11.52	941.60	2799.8	1858.2
24	221.78	0.0011932	0.08320	12.02	951.93	2800.4	1848.5
25	223.94	0.0011972	0.07991	12.51	961.96	2800.9	1839.0
26	226.04	0.0012011	0.07686	13.01	971.72	2801.4	1829.6
27	228.07	0.0012050	0.07402	13.51	981.22	2801.7	1820.5
28	230.05	0.0012088	0.07139	14.01	990.48	2802.0	1811.5

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29	231.97	0.0012126	0.06893	14.51	999.53	2802.2	1802.6
30	233.84	0.0012163	0.06663	15.01	1008.4	2802.3	1793.9
32	237.45	0.0012237	0.06244	16.02	1025.4	2802.3	1776.9
34	240.88	0.0012310	0.05873	17.03	1041.8	2802.1	1760.3
36	244.16	0.0012381	0.05541	18.05	1057.6	2801.7	1744.2
38	247.31	0.0012451	0.05244	19.07	1072.7	2801.1	1728.4
40	250.33	0.0012521	0.04975	20.10	1087.4	2800.3	1712.9
42	253.24	0.0012589	0.04731	21.14	1101.6	2799.4	1697.8
44	256.05	0.0012657	0.04508	22.18	1115.4	2798.3	1682.9
46	258.75	0.0012725	0.04304	23.24	1128.8	2797.0	1668.3
48	261.37	0.0012792	0.04116	24.29	1141.8	2795.7	1653.9
50	263.91	0.0012858	0.03943	25.36	1154.5	2794.2	1639.7
55	269.93	0.0013023	0.03563	28.07	1184.9	2789.9	1605.0
60	275.55	0.0013187	0.03244	30.83	1213.7	2785.0	1571.3
65	280.82	0.0013350	0.02972	33.65	1241.1	2779.5	1538.4
70	285.79	0.0013513	0.02737	36.53	1267.4	2773.5	1506.0
75	290.50	0.0013677	0.02533	39.48	1292.7	2766.9	1474.2
80	294.97	0.0013842	0.02353	42.51	1317.1	2759.9	1442.8
85	299.23	0.0014009	0.02193	56.61	1340.7	2752.5	1411.7
90	303.31	0.0014179	0.02050	48.79	1363.7	2744.6	1380.9
95	307.21	0.0014351	0.01921	52.06	1386.1	2736.4	1350.2
100	310.96	0.0014526	0.01804	55.43	1408.0	2727.7	1319.7
110	318.05	0.0014887	0.01601	62.48	1450.6	2709.3	1258.7
120	324.65	0.0015268	0.01428	70.01	1491.8	2689.2	1197.4
130	330.83	0.0015672	0.01280	78.14	1532.0	2667.0	1135.0
140	336.64	0.0016106	0.01150	86.99	1571.6	2642.4	1070.7
150	342.13	0.0016579	0.01034	96.71	1611.0	2615.0	1004.0
160	347.33	0.0017103	0.009308	107.4	1650.5	2584.9	934.3
170	352.26	0.0017696	0.008371	119.5	1691.7	2551.6	859.9
180	356.96	0.0018399	0.007489	133.4	1734.8	2513.9	779.1
190	361.43	0.0019260	0.006678	149.8	1778.7	2470.6	692.0
200	365.70	0.0020370	0.005877	170.2	1826.5	2418.4	591.9
220	373.69	0.0026714	0.003728	268.3	2011.1	2195.6	184.5
221.20	374.15	0.00317	0.00317	315.5	2107.4	2107.4	0