

Saturated Steam Table - Metric System

Absolute Pressure (kPa, kN/m ²)	Temperature (°C)	Specific Volume (m ³ /kg)	Density - ρ - (kg/m ³)	Specific Enthalpy of		
				Liquid - h_l - (kJ/kg)	Evaporation - h_e - (kJ/kg)	Steam - h_s - (kJ/kg)
20.0	60.1	7.65	0.131	251.5	2358	2610
28	67.5	5.58	0.179	282.7	2340	2623
35	72.7	4.53	0.221	304.3	2327	2632
45	78.7	3.58	0.279	329.6	2312	2642
55	83.7	2.96	0.338	350.6	2299	2650
65	88.0	2.53	0.395	368.6	2288	2657
75	91.8	2.22	0.450	384.5	2279	2663
85	95.2	1.97	0.507	398.6	2270	2668
95	98.2	1.78	0.563	411.5	2262	2673
100	99.6	1.69	0.590	417.5	2258	2675
101.33	100	1.67	0.598	419.1	2257	2676
110	102.3	1.55	0.646	428.8	2251	2680
130	107.1	1.33	0.755	449.2	2238	2687
150	111.4	1.16	0.863	467.1	2226	2698
170	115.2	1.03	0.970	483.2	2216	2699
190	118.6	0.929	1.08	497.8	2206	2704
220	123.3	0.810	1.23	517.6	2193	2711
260	128.7	0.693	1.44	540.9	2177	2718
280	131.2	0.646	1.55	551.4	2170	2722
320	135.8	0.570	1.75	570.9	2157	2728
360	139.9	0.510	1.96	588.5	2144	2733
400	143.1	0.462	2.16	604.7	2133	2738
440	147.1	0.423	2.36	619.6	2122	2742
480	150.3	0.389	2.57	633.5	2112	2746
500	151.8	0.375	2.67	640.1	2107	2748
550	155.5	0.342	2.92	655.8	2096	2752
600	158.8	0.315	3.175	670.4	2085	2756
650	162.0	0.292	3.425	684.1	2075	2759
700	165.0	0.273	3.66	697.1	2065	2762
750	167.8	0.255	3.915	709.3	2056	2765
800	170.4	0.240	4.16	720.9	2047	2768
850	172.9	0.229	4.41	732.0	2038	2770
900	175.4	0.215	4.65	742.6	2030	2772

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950	177.7	0.204	4.90	752.8	2021	2774
1000	179.9	0.194	5.15	762.6	2014	2776
1050	182.0	0.186	5.39	772	2006	2778
1150	186.0	0.170	5.89	790	1991	2781
1250	189.8	0.157	6.38	807	1977	2784
1300	191.6	0.151	6.62	815	1971	2785
1500	198.3	0.132	7.59	845	1945	2790
1600	201.4	0.124	8.03	859	1933	2792
1800	207.1	0.110	9.07	885	1910	2795
2000	212.4	0.0995	10.01	909	1889	2797
2100	214.9	0.0945	10.54	920	1878	2798
2300	219.6	0.0868	11.52	942	1858	2800
2400	221.8	0.0832	12.02	952	1849	2800
2600	226.0	0.0769	13.01	972	1830	2801
2700	228.1	0.0740	13.52	981	1821	2802
2900	232.0	0.0689	14.52	1000	1803	2802
3000	233.8	0.0666	15.00	1008	1794	2802
3200	237.4	0.0624	16.02	1025	1779	2802
3400	240.9	0.0587	17.04	1042	1760	2802
3600	244.2	0.0554	18.06	1058	1744	2802
3800	247.3	0.0524	19.08	1073	1728	2801
4000	250.3	0.0497	20.09	1087	1713	2800

- Absolute Pressure = Gauge Pressure + Atmospheric Pressure