

Saturated steam table

Steam pressure MPa abs	Steam temperature °C	Specific volume of water ℓ /kg	Specific volume of steam m³/kg	Specific weight of steam kg/m³	Specific enthalpy kJ/kg			Steam pressure MPa abs	Steam temperature °C	Specific volume of water ℓ /kg	Specific volume of steam m³/kg	Specific weight of steam kg/m³	Specific enthalpy kJ/kg		
					Water h'	Latent heat r	Total h"=h'+r						Water h'	Latent heat r	Total h"=h'+r
0.010	45.83	1.0102	14.675	0.0681	191.8	2392.9	2584.8	0.740	167.21	1.1110	0.259	3.8655	706.9	2057.4	2764.3
0.015	54.00	1.0140	10.023	0.0998	226.0	2373.2	2599.2	0.750	167.76	1.1116	0.255	3.9150	709.3	2055.5	2764.8
0.020	60.09	1.0172	7.650	0.1307	251.5	2358.4	2609.9	0.760	168.30	1.1123	0.252	3.9645	711.7	2053.7	2765.4
0.025	64.99	1.0199	6.204	0.1612	272.0	2346.4	2618.3	0.780	169.37	1.1137	0.246	4.0634	716.3	2050.1	2766.4
0.030	69.12	1.0223	5.229	0.1912	289.3	2336.1	2625.4	0.800	170.41	1.1150	0.240	4.1622	720.9	2046.5	2767.5
0.035	72.71	1.0245	4.526	0.2210	304.3	2327.2	2631.5	0.850	172.94	1.1182	0.227	4.4089	732.0	2037.9	2769.9
0.040	75.89	1.0265	3.993	0.2504	317.7	2319.2	2626.9	0.900	175.36	1.1214	0.215	4.6552	742.6	2029.5	2772.1
0.045	78.74	1.0284	3.576	0.2796	329.6	2312.0	2641.7	0.950	177.67	1.1244	0.204	4.9012	752.8	2021.4	2774.2
0.050	81.35	1.0301	3.240	0.3086	340.6	2305.4	2646.0	1.000	179.88	1.1274	0.194	5.1469	762.6	2013.6	2776.2
0.060	85.95	1.0333	2.732	0.3661	359.9	2293.6	2653.6	1.050	182.02	1.1303	0.185	5.3923	772.0	2006.0	2778.0
0.070	89.96	1.0361	2.365	0.4229	376.8	2283.3	2660.1	1.100	184.07	1.1331	0.177	5.6375	781.1	1998.6	2779.7
0.080	93.51	1.0387	2.087	0.4792	391.7	2274.0	2665.8	1.150	186.05	1.1359	0.170	5.8825	789.9	1991.4	2781.3
0.090	96.71	1.0412	1.869	0.5350	405.2	2265.6	2670.9	1.200	187.96	1.1386	0.163	6.1275	798.4	1984.3	2782.7
0.100	99.63	1.0434	1.694	0.5904	417.5	2257.9	2675.4	1.250	189.81	1.1412	0.157	6.3722	806.7	1977.4	2784.1
0.110	102.32	1.0455	1.549	0.6455	428.8	2250.8	2679.6	1.300	191.61	1.1439	0.151	6.6170	814.7	1970.7	2785.4
0.120	104.81	1.0476	1.428	0.7002	439.4	2244.1	2683.4	1.350	193.35	1.1464	0.146	6.8616	822.5	1964.1	2786.6
0.130	107.13	1.0495	1.325	0.7547	449.2	2237.8	2687.0	1.400	195.04	1.1489	0.141	7.1063	830.1	1957.7	2787.8
0.140	109.32	1.0513	1.236	0.8089	458.4	2231.9	2690.3	1.450	196.69	1.1514	0.136	7.3509	837.5	1951.4	2788.9
0.150	111.37	1.0530	1.159	0.8628	467.1	2226.2	2693.4	1.500	198.29	1.1539	0.132	7.5956	844.7	1945.2	2789.9
0.160	113.32	1.0547	1.091	0.9165	475.4	2220.9	2696.2	1.550	199.85	1.1563	0.128	7.8402	851.7	1939.1	2790.8
0.180	116.93	1.0579	0.977	1.0233	490.7	2210.8	2701.5	1.600	201.37	1.1586	0.124	8.0850	858.6	1933.1	2791.7
0.200	120.23	1.0608	0.885	1.1294	504.7	2201.6	2706.3	1.650	202.86	1.1610	0.120	8.3298	865.3	1927.3	2792.6
0.220	123.27	1.0636	0.810	1.2348	517.6	2193.0	2710.6	1.700	204.31	1.1633	0.117	8.5746	871.8	1921.6	2793.4
0.240	126.09	1.0663	0.746	1.3397	529.6	2184.9	2714.5	1.750	205.72	1.1656	0.113	8.8197	878.3	1915.8	2794.1
0.250	127.43	1.0676	0.718	1.3919	535.3	2181.0	2716.4	1.800	207.11	1.1678	0.110	9.0648	884.6	1910.2	2794.8
0.260	128.73	1.0688	0.693	1.4440	540.9	2177.3	2718.2	1.850	208.47	1.1701	0.107	9.3100	890.7	1904.8	2795.5
0.280	131.20	1.0712	0.646	1.5479	551.4	2170.1	2721.5	1.900	209.80	1.1723	0.105	9.5554	896.8	1899.3	2796.1
0.300	133.54	1.0735	0.606	1.6514	561.4	2163.2	2724.7	1.950	211.10	1.1745	0.102	9.8009	902.8	1893.9	2796.7
0.320	135.75	1.0757	0.570	1.7544	570.9	2156.7	2727.6	2.000	212.37	1.1766	0.0995	10.047	908.6	1888.6	2797.2
0.340	137.86	1.0779	0.538	1.8572	579.9	2150.4	2730.3	2.100	214.85	1.1809	0.0949	10.539	920.0	1878.2	2798.2
0.350	138.87	1.0789	0.524	1.9084	584.3	2147.4	2731.6	2.200	217.24	1.1850	0.0907	11.031	931.0	1868.1	2799.1
0.360	139.86	1.0799	0.510	1.9595	588.5	2144.4	2732.9	2.300	219.55	1.1892	0.0868	11.525	941.6	1858.2	2799.8
0.380	141.78	1.0819	0.485	2.0616	596.8	2138.6	2735.3	2.400	221.78	1.1932	0.0832	12.019	951.9	1848.5	2800.4
0.400	143.62	1.0839	0.462	2.1635	604.7	2133.0	2737.6	2.500	223.94	1.1972	0.0799	12.515	962.0	1838.9	2800.9
0.420	145.39	1.0858	0.442	2.2650	612.3	2127.5	2739.8	2.600	226.04	1.2011	0.0769	13.011	971.7	1829.7	2801.4
0.440	147.09	1.0876	0.423	2.3663	619.6	2122.3	2741.9	2.700	228.07	1.2050	0.0740	13.509	981.2	1820.5	2801.7
0.450	147.92	1.0885	0.414	2.4169	623.2	2119.7	2742.9	2.800	230.05	1.2088	0.0714	14.008	990.5	1811.5	2802.0
0.460	148.73	1.0894	0.405	2.4674	626.7	2117.2	2743.9	2.900	231.97	1.2126	0.0689	14.508	999.5	1802.7	2802.2
0.480	150.31	1.0911	0.389	2.5683	633.5	2112.2	2745.7	3.000	233.84	1.2163	0.0666	15.009	1008.4	1793.9	2802.3
0.500	151.84	1.0928	0.375	2.6690	640.1	2107.4	2747.5	3.100	235.67	1.2201	0.0645	15.512	1017.0	1785.3	2802.3
0.520	153.33	1.0945	0.361	2.7695	646.5	2102.7	2749.3	3.200	237.45	1.2237	0.0624	16.016	1025.4	1776.9	2802.3
0.540	154.76	1.0961	0.348	2.8698	652.8	2098.1	2750.9	3.300	239.18	1.2274	0.0605	16.521	1033.7	1768.6	2802.3
0.550	155.47	1.0970	0.342	2.9199	655.8	2095.9	2751.7	3.400	240.88	1.2310	0.0587	17.028	1041.8	1760.3	2802.1
0.560	156.16	1.0978	0.337	2.9700	658.8	2093.7	2752.5	3.500	242.54	1.2345	0.0570	17.536	1049.8	1752.2	2802.0
0.580	157.52	1.0993	0.326	3.0700	664.7	2089.3	2754.0	3.600	244.16	1.2381	0.0554	18.046	1057.6	1744.1	2801.7
0.600	158.84	1.1009	0.315	3.1698	670.4	2085.0	2755.5	3.700	245.75	1.2416	0.0539	18.557	1065.2	1736.2	2801.4
0.620	160.12	1.1024	0.306	3.2696	676.0	2080.9	2756.9	3.800	247.31	1.2451	0.0524	19.070	1072.7	1728.4	2801.1
0.640	161.38	1.1039	0.297	3.3692	681.5	2076.8	2758.2	3.900	248.84	1.2486	0.0511	19.585	1080.1	1720.7	2800.8
0.650	161.99	1.1046	0.292	3.4189	684.1	2074.8	2758.9	4.000	250.33	1.2521	0.0497	20.101	1087.4	1712.9	2800.3
0.660	162.60	1.1053	0.288	3.4687	686.8	2072.7	2759.5	4.200	253.24	1.2589	0.0473	21.138	1101.6	1697.8	2799.4
0.680	163.79	1.1068	0.280	3.5680	692.0	2068.8	2760.8	4.500	257.41	1.2691	0.0440	22.708	1122.1	1675.6	2797.7
0.700	164.96	1.1082	0.273	3.6773	697.1	2064.9	2762.0								
0.720	166.10	1.1096	0.266	3.7665	702.0	2061.1	2763.1								