

DOYMUŞ BUHAR

Saturated Steam Table

Mutlak Basınç	Gösterge Basıncı	Sıcaklık	Özgül Hacim		Özgül Kütle		Isı tutumu		Gizli Isı	Entropi	
Certain Pressure	Indicator Pressure	Temperature	Specific Volume		Specific Mass		Temperature attitude		Secret Temperature	Entropy	
P	Pg	T	Su Water Vs	Buhar Steam Vb	Su Water ps	Buhar Steam pb	Su Water Is	Buhar Steam İb	r	Su Water Ss	Buhar Steam Sb
bar	bar	°C	m³/kg	m³/kg	kg/m³	kg/m³	kcal/kg	kcal/kg	kcal/kg	kcal/kg °K	kcal/kg °K
0.01	-0.99	6.70	0.00100	131.70	1000.00	0.0076	6.73	600.1	593.4	0.0243	2.1447
0.02	-0.98	17.20	0.00100	68.270	999.00	0.0146	17.24	604.8	587.6	0.0612	2.0847
0.03	-0.97	23.77	0.00100	45.530	997.01	0.0220	23.79	607.7	583.9	0.0836	2.0499
0.04	-0.96	28.64	0.00100	35.460	996.02	0.0282	28.65	609.8	581.2	0.0998	2.0253
0.05	-0.95	32.55	0.00101	28.730	995.02	0.0348	32.55	611.5	579.0	0.1126	2.0064
0.06	-0.94	35.82	0.00101	24.190	994.04	0.0413	35.81	612.9	577.1	0.1232	1.9908
0.07	-0.93	38.66	0.00101	20.920	993.05	0.0478	38.64	614.1	575.5	0.1324	1.9779
0.08	-0.92	41.16	0.00101	18.450	992.06	0.0542	41.14	615.2	574.1	0.1402	1.9664
0.09	-0.91	43.41	0.00101	16.510	991.08	0.0606	43.38	616.2	572.8	0.1474	1.9564
0.10	-0.90	45.45	0.00101	14.950	990.10	0.0669	45.41	617.0	571.6	0.1538	1.9478
0.12	-0.88	49.06	0.00101	12.600	988.14	0.0794	49.01	618.5	569.5	0.1650	1.9326
0.14	-0.86	52.18	0.00101	10.890	987.17	0.0918	52.13	619.9	567.8	0.1747	1.9197
0.16	-0.84	54.94	0.00101	9.612	986.19	0.1040	54.88	621.1	566.2	0.1831	1.9087
0.18	-0.82	57.41	0.00102	8.605	984.25	0.1162	57.36	622.1	564.7	0.1906	1.8990
0.20	-0.80	59.67	0.00102	7.795	983.28	0.1283	59.61	623.1	563.5	0.1974	1.8903
0.25	-0.75	64.56	0.00102	6.322	980.39	0.1582	64.49	625.1	560.6	0.2120	1.8718
0.30	-0.70	68.68	0.00102	5.328	978.47	0.1877	68.61	626.8	558.2	0.2241	1.8567
0.35	-0.65	72.23	0.00102	4.615	976.56	0.2167	71.68	628.2	556.5	0.2346	1.8448
0.40	-0.60	75.42	0.00103	4.069	974.66	0.2458	75.36	629.5	554.1	0.2437	1.8334
0.45	-0.55	78.27	0.00103	3.643	972.76	0.2745	78.22	630.6	552.4	0.2518	1.8237
0.50	-0.50	80.86	0.00103	3.301	970.87	0.3029	80.81	631.6	550.8	0.2592	1.8150
0.60	-0.40	85.45	0.00103	2.783	968.05	0.3593	85.41	633.4	548.0	0.2721	1.8001
0.70	-0.30	89.45	0.00104	2.409	965.25	0.4151	89.43	634.9	545.5	0.2832	1.7874
0.80	-0.20	92.99	0.00104	2.125	963.39	0.4706	92.99	636.2	543.2	0.2930	1.7767
0.90	-0.10	96.18	0.00104	1.904	961.54	0.5252	96.19	637.4	541.2	0.3018	1.7673
1.00	0.00	99.09	0.00104	1.725	958.77	0.5797	99.12	638.5	539.4	0.3096	1.7587
1.10	0.10	101.76	0.00105	1.578	956.94	0.6337	101.81	639.4	537.6	0.3168	1.7510
1.20	0.20	104.25	0.00105	1.455	955.11	0.6873	104.32	640.3	536.0	0.3235	1.7440
1.40	0.40	108.74	0.00105	1.259	952.38	0.7443	108.85	642.0	533.2	0.3354	1.7315
1.50	0.50	110.74	0.00105	1.185	950.57	0.8472	110.87	642.8	531.9	0.3407	1.7262
1.60	0.60	112.73	0.00105	1.111	948.77	0.9001	112.89	643.5	530.6	0.3459	1.7209
1.80	0.80	116.33	0.00106	0.995	946.07	1.0048	116.54	644.7	528.2	0.3554	1.7115
2.00	1.00	119.62	0.00106	0.902	943.40	1.1091	119.87	645.8	525.9	0.3638	1.7029
2.50	1.50	126.79	0.00107	0.732	937.21	1.3669	127.20	648.3	521.1	0.3820	1.6851
3.00	2.00	132.98	0.00107	0.617	932.84	1.6218	133.40	650.3	516.9	0.3973	1.6703
3.50	2.50	138.19	0.00108	0.534	927.64	1.8744	138.80	651.9	513.1	0.4106	1.6579
4.00	3.00	142.92	0.00108	0.471	923.36	2.1249	143.60	653.4	509.8	0.4221	1.6474
4.50	3.50	147.20	0.00109	0.421	919.96	2.3736	148.00	654.7	506.7	0.4326	1.6380
5.00	4.00	151.11	0.00109	0.382	915.75	2.6205	152.10	655.8	503.7	0.4422	1.6297
5.50	4.50	154.72	0.00110	0.349	912.41	2.8662	155.80	656.9	501.1	0.4510	1.6229
6.00	5.00	158.08	0.00110	0.321	909.09	3.1124	159.30	657.8	498.5	0.4591	1.6151
6.50	5.50	161.22	0.00110	0.293	905.80	3.4130	162.60	658.7	496.1	0.4667	1.6088
7.00	6.00	164.17	0.00111	0.278	903.34	3.5997	165.60	659.1	493.5	0.4737	1.6029
7.50	6.50	166.97	0.00111	0.260	900.09	3.8417	168.50	660.2	491.7	0.4803	1.5974
8.00	7.00	169.61	0.00111	0.245	897.67	4.0850	171.30	660.8	489.5	0.4865	1.5922
8.50	7.50	172.12	0.00112	0.231	894.45	4.3253	173.90	661.4	487.5	0.4928	1.5879
9.00	8.00	174.53	0.00112	0.219	892.86	4.5683	176.40	662.0	485.6	0.4980	1.5827
9.50	8.50	176.83	0.00112	0.208	890.47	4.8077	178.90	662.5	483.6	0.5038	1.5783
10.00	9.00	178.04	0.00113	0.198	888.10	5.0480	181.20	663.8	482.6	0.5085	1.5740
10.50	9.50	180.62	0.00113	0.189	885.74	5.2895	183.40	663.9	480.5	0.5133	1.5701
11.00	10.00	183.20	0.00113	0.181	883.39	5.5310	185.60	663.9	478.3	0.5180	1.5661
11.50	10.50	185.14	0.00113	0.174	881.45	5.7703	187.65	664.3	476.7	0.5220	1.5627
12.00	11.00	187.08	0.00114	0.166	879.51	6.0096	189.70	664.7	475.0	0.5260	1.5592
12.50	11.50	188.90	0.00114	0.160	877.19	6.2495	191.60	665.1	473.5	0.5306	1.5559
13.00	12.00	190.71	0.00114	0.154	874.89	6.4893	193.50	665.4	471.9	0.5352	1.5526
13.50	12.50	192.51	0.00115	0.149	872.98	6.7290	195.30	665.7	470.4	0.5391	1.5495
14.00	13.00	194.30	0.00115	0.144	871.08	6.9686	197.10	666.0	468.9	0.5430	1.5464
14.50	13.50	195.83	0.00115	0.139	869.57	7.2073	198.85	667.3	468.5	0.5467	1.5435
15.00	14.00	197.36	0.00115	0.134	868.06	7.4460	200.60	668.6	468.0	0.5503	1.5406
15.50	14.50	198.90	0.00115	0.130	866.18	7.6850	202.25	667.9	465.6	0.5538	1.5379
16.00	15.00	200.43	0.00116	0.126	864.30	7.9239	203.90	667.1	463.2	0.5572	1.5351
16.50	15.50	201.89	0.00116	0.123	862.44	8.1636	205.50	667.3	461.8	0.5605	1.5326

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Certain Pressure	Indicator Pressure	Temperature	Specific Volume		Specific Mass		Temperature attitude		Secret Temperature	Entropy	
P	Pg	T	Su	Buhar	Su	Buhar	Su	Buhar	r	Su	Buhar
bar	bar	°C	Vs	Vb	ps	pb	İs	İb	kcal/kg	Ss	Sb
			m³/kg	m³/kg	kg/m³	kg/m³	kcal/kg	kcal/kg		kcal/kg °K	kcal/kg °K
17.00	16.00	203.35	0.00116	0.119	860.59	8.4034	207.10	667.5	460.4	0.5638	1.5300
17.50	16.50	204.90	0.00116	0.116	859.11	8.6422	208.60	667.7	459.1	0.5720	1.5276
18.00	17.00	206.44	0.00117	0.113	857.63	8.8810	210.10	667.9	457.8	0.5801	1.5251
18.50	17.50	207.63	0.00117	0.110	856.16	9.1221	211.55	668.1	456.5	0.5781	1.5228
19.00	18.00	208.81	0.00117	0.107	854.70	9.3633	213.00	668.2	455.2	0.5761	1.5205
19.50	18.50	210.10	0.00117	0.104	852.88	9.6029	214.40	668.4	454.0	0.5791	1.5183
20.00	19.00	211.38	0.00118	0.102	851.06	9.8425	215.80	668.5	452.7	0.5820	1.5160
21.00	20.00	213.86	0.00118	0.097	848.18	10.3306	218.50	668.7	450.2	0.5875	1.5118
22.00	21.00	216.23	0.00118	0.093	845.31	10.8108	221.20	668.9	447.7	0.5928	1.5078
23.00	22.00	218.53	0.00119	0.089	842.46	11.2867	223.60	669.1	445.5	0.5978	1.5038
24.00	23.00	220.75	0.00119	0.085	839.63	11.7786	226.10	669.3	443.2	0.6026	1.5000
25.00	24.00	222.90	0.00120	0.082	836.82	12.2699	228.50	669.4	440.9	0.6074	1.4962
26.00	25.00	224.99	0.00120	0.079	834.03	12.7389	230.80	669.5	438.7	0.6120	1.4926
27.00	26.00	226.99	0.00120	0.076	831.26	13.2281	233.00	669.6	436.6	0.6163	1.4892
28.00	27.00	228.98	0.00121	0.073	828.50	13.7174	235.20	669.6	434.4	0.6206	1.4857
29.00	28.00	230.87	0.00121	0.070	826.10	14.2117	237.35	669.7	432.3	0.6248	1.4825
30.00	29.00	232.86	0.00121	0.068	823.72	14.7059	239.50	669.7	430.2	0.6290	1.4793
31.00	30.00	234.56	0.00122	0.066	821.36	15.1899	241.55	669.7	428.2	0.6329	1.4793
32.00	31.00	236.35	0.00122	0.064	819.00	15.6740	243.60	669.7	426.1	0.6368	1.4732
33.00	32.00	238.06	0.00122	0.062	816.66	16.1842	245.55	669.7	424.1	0.6406	1.4703
34.00	33.00	239.77	0.00123	0.060	814.33	16.6945	247.50	669.6	422.1	0.6443	1.4673
35.00	34.00	241.41	0.00123	0.058	812.02	17.1812	249.35	669.6	420.2	0.6479	1.4645
36.00	35.00	243.04	0.00124	0.057	809.72	17.6678	251.20	669.5	418.3	0.6515	1.4617
37.00	36.00	244.61	0.00124	0.055	807.43	18.1797	253.00	669.4	416.4	0.6550	1.4591
38.00	37.00	246.17	0.00124	0.054	805.15	18.6916	254.80	669.3	414.5	0.6584	1.4564
39.00	38.00	247.68	0.00125	0.052	802.89	19.1883	256.50	669.2	412.7	0.6617	1.4564
40.00	39.00	249.18	0.00125	0.051	800.64	19.6850	258.20	669.0	410.8	0.6649	1.4564
41.00	40.00	250.63	0.00125	0.050	798.40	20.1945	259.90	668.9	409.0	0.6681	1.4514
42.00	41.00	252.07	0.00126	0.048	796.18	20.7939	261.60	668.8	407.2	0.6712	1.4463
43.00	42.00	253.47	0.00126	0.047	793.97	21.2215	263.25	668.6	405.4	0.6743	1.4439
44.00	43.00	254.87	0.00126	0.046	791.77	21.7391	264.90	668.4	403.5	0.6773	1.4415
45.00	44.00	256.22	0.00127	0.045	789.89	22.2591	266.45	668.2	401.8	0.6803	1.4392
46.00	45.00	257.56	0.00127	0.044	788.02	22.7790	268.00	668.0	400.0	0.6832	1.4369
47.00	46.00	258.87	0.00127	0.043	785.85	23.2943	269.60	667.9	398.3	0.6861	1.4347
48.00	47.00	260.17	0.00128	0.042	783.70	23.8095	271.20	667.7	396.5	0.6889	1.4324
49.00	48.00	261.44	0.00128	0.041	781.56	24.3426	272.70	667.5	394.8	0.6917	1.4302
50.00	49.00	262.70	0.00128	0.040	779.42	24.8756	274.20	667.3	393.1	0.6944	1.4280
55.00	54.00	268.68	0.00130	0.036	769.82	27.5028	281.40	666.2	384.8	0.7075	1.4176
60.00	59.00	274.29	0.00132	0.033	760.46	30.2115	288.40	665.0	376.6	0.7196	1.4078
65.00	64.00	279.54	0.00133	0.030	751.31	32.9707	294.80	663.6	368.8	0.7311	1.3986
70.00	69.00	284.48	0.00135	0.028	742.39	35.7782	300.90	652.1	361.2	0.7420	1.3897
75.00	74.00	289.17	0.00136	0.026	734.21	38.6548	307.00	660.5	353.5	0.7524	1.3813
80.00	79.00	293.62	0.00138	0.024	726.22	41.5973	312.60	658.9	346.3	0.7623	1.3731
85.00	84.00	292.86	0.00139	0.022	718.91	44.6229	318.20	657.0	338.8	0.7718	1.3654
90.00	89.00	301.92	0.00141	0.021	708.22	47.7099	323.60	655.1	331.5	0.7810	1.3576
95.00	94.00	305.80	0.00143	0.020	700.28	50.9165	328.80	653.2	324.4	0.7898	1.3500
100.00	99.00	309.53	0.00145	0.018	692.04	54.2005	334.00	651.1	317.1	0.7983	1.3424
110.00	109.00	316.58	0.00148	0.016	675.68	61.0874	343.00	646.7	303.7	0.8147	1.3279
120.00	119.00	323.15	0.00158	0.015	632.91	68.3995	353.90	641.9	288.0	0.8306	1.3138
130.00	129.00	329.30	0.00156	0.013	641.85	76.3359	363.00	636.9	273.9	0.8458	1.2998
140.00	139.00	335.09	0.00160	0.012	625.39	84.7458	372.40	631.0	258.6	0.8606	1.2858
150.00	149.00	340.56	0.00165	0.011	607.53	94.3396	381.70	624.9	243.2	0.8749	1.2713
160.00	159.00	345.74	0.00170	0.010	588.58	103.9933	390.80	618.3	227.5	0.8892	1.2564
170.00	169.00	350.66	0.00176	0.009	569.48	115.2074	400.30	610.8	210.5	0.9035	1.2411
180.00	179.00	355.34	0.00182	0.008	549.15	128.0574	410.20	602.5	192.3	0.9186	1.2251
190.00	189.00	359.82	0.00190	0.007	525.76	142.9797	420.40	593.2	172.8	0.9347	1.2081
200.00	199.00	364.08	0.00201	0.006	497.51	161.2903	431.50	582.3	150.8	0.9514	1.1883
210.00	209.00	368.16	0.00214	0.005	467.29	185.5288	444.70	568.1	123.4	0.9714	1.1636
220.00	219.00	372.10	0.00239	0.004	418.41	222.7171	463.40	547.0	83.6	1.0020	1.1310
225.00	224.00	373.60		0.004		253.8071	478.00	532.0	54.0	1.0220	1.1000
225.40	224.40	374.20		0.003		328.9470	505.00	505.0	0.0	1.0600	1.0600