Saturated water-Pressure table

			Specific volume m3/kg		Internal energy kJ/kg			Enthalpy kJ/kg			Entropy kJ/(kg . K)		
Sat.Press	Sat.Temp		Sat.	Sat.		Sat.	Sat.		Sat.	Sat.		Sat.	
P	?C		liquid	vapor	liquid	Evap.	vapor	liquid	Evap.	vapor	liquid	Evap.	vapor
MPa	TsC	TsK	vf	Vg	uf	ufg	ug	hf	hfg	hg	sf	sfg	sg
0.000611	0.01	273.17	0.001000	206.14000	-	2,375.3	2,375.3	0.0	2,501.3	2,501.4	0.0000	9.1562	9.1562
0.0010	6.98	280.14	0.001000	129.21000	29.3	2,355.7	2,385.0	29.3	2,484.9	2,514.2	0.1059	8.8697	8.9756
0.0015	13.03	286.19	0.001001	87.98000	54.7	2,338.6	2,393.3	54.7	2,470.6	2,525.3	0.1957	8.6322	8.8279
0.0020	17.50	290.66	0.001001	67.00000	73.5	2,326.0	2,399.5	73.5	2,460.0	2,533.5	0.2607	8.4629	8.7237
0.0025	21.08	294.24	0.001002	54.25000	88.5	2,315.9	2,404.4	88.5	2,451.6	2,540.0	0.3120	8.3311	8.6432
0.0030	24.08	297.24	0.001003	45.67000	101.0	2,307.5	2,408.5	101.1	2,444.5	2,545.5	0.3545	8.2231	8.5776
0.0040	28.96	302.12	0.001004	34.80000	121.5	2,293.7	2,415.2	121.5	2,432.9	2,554.4	0.4226	8.0520	8.4746
0.0050	32.88	306.04	0.001005	28.19000	137.8	2,282.7	2,420.5	137.8	2,423.7	2,561.5	0.4764	7.9187	8.3951
0.0075	40.29	313.45	0.001008	19.24000	168.8	2,261.7	2,430.5	168.8	2,406.0	2,574.8	0.5764	7.6750	8.2515
0.0100	45.81	318.97	0.001010	14.67000	191.8	2,246.1	2,437.9	191.8	2,392.8	2,584.7	0.6493	7.5009	8.1502
0.0150	53.97	327.13	0.001014	10.02000	225.9	2,222.8	2,448.7	225.9	2,373.1	2,599.1	0.7549	7.2536	8.0085
0.0200	60.06	333.22	0.001017	7.64900	251.4	2,205.4	2,456.7	251.4	2,358.3	2,609.7	0.8320	7.0766	7.9085
0.0250	64.97	338.13	0.001020	6.20400	271.9	2,191.2	2,463.1	271.9	2,346.3	2,618.2	0.8931	6.9383	7.8314
0.0300	69.10	342.26	0.001022	5.22900	289.2	2,179.2	2,468.4	289.2	2,336.1	2,625.3	0.9439	6.8247	7.7686
0.0400	75.87	349.03	0.001027	3.99300	317.5	2,159.5	2,477.0	317.6	2,319.2	2,636.8	1.0259	6.6441	7.6700
0.0500	81.33	354.49	0.001030	3.24000	340.4	2,143.4	2,483.9	340.5	2,305.4	2,645.9	1.0910	6.5029	7.5939
0.0750	91.78	364.94	0.001037	2.21700	384.3	2,112.4	2,496.7	384.4	2,278.6	2,663.0	1.2130	6.2434	7.4564
0.1000	99.63	372.79	0.001043	1.69400	417.4	2,088.7	2,506.1	417.5	2,258.0	2,675.5	1.3026	6.0568	7.3594
0.1250	105.99	379.15	0.001048	1.37490	444.2	2,069.3	2,513.5	444.3	2,241.0	2,685.4	1.3740	5.9104	7.2844
0.1500	111.37	384.53	0.001053	1.15930	466.9	2,052.7	2,519.7	467.1	2,226.5	2,693.6	1.4336	5.7897	7.2233
0.1750	116.06	389.22	0.001057	1.00360	486.8	2,038.1	2,524.9	487.0	2,213.6	2,700.6	1.4849	5.6868	7.1717
0.2000	120.23	393.39	0.001061	0.88570	504.5	2,025.0	2,529.5	504.7	2,201.9	2,706.7	1.5301	5.5970	7.1271
0.2250	124.00	397.16	0.001064	0.79330	520.5	2,013.1	2,533.6	520.7	2,191.3	2,712.1	1.5706	5.5173	7.0878
0.2500	127.44	400.60	0.001067	0.71870	535.1	2,002.1	2,537.2	535.4	2,181.5	2,716.9	1.6072	5.4455	7.0527
0.2750	130.60	403.76	0.001070	0.65730	548.6	1,991.9	2,540.5	548.9	2,172.4	2,721.3	1.6408	5.3801	7.0209
0.3000	133.55	406.71	0.001073	0.60580	561.2	1,982.4	2,543.6	561.5	2,163.8	2,725.3	1.6718	5.3201	6.9919
0.3250	136.30	409.46	0.001076	0.56200	572.9	1,973.5	2,546.4	573.3	2,155.8	2,729.0	1.7006	5.2646	6.9652
0.3500	138.88	412.04	0.001079	0.52430	584.0	1,965.0	2,548.9	584.3	2,148.1	2,732.4	1.7275	5.2130	6.9405
0.3750	141.32	414.48	0.001081	0.49140	594.4	1,956.9	2,551.3	594.8	2,140.8	2,735.6	1.7528	5.1647	6.9175
0.4000	143.63	416.79	0.001084	0.46250	604.3	1,949.3	2,553.6	604.7	2,133.8	2,738.6	1.7766	5.1193	6.8959
0.4500	147.93	421.09	0.001088	0.41400	622.8	1,934.9	2,557.6	623.3	2,120.7	2,743.9	1.8207	5.0359	6.8565
0.5000	151.86	425.02	0.001093	0.37490	639.7	1,921.6	2,561.2	640.2	2,108.5	2,748.7	1.8607	4.9606	6.8213
0.5500	155.48	428.64	0.001097	0.34270	655.3	1,909.2	2,564.5	665.9	2,097.0	2,753.0	1.8973	4.8920	6.7893
0.6000	158.85	432.01	0.001101	0.31570	669.9	1,897.5	2,567.4	670.6	2,086.3	2,756.8	1.9312	4.8288	6.7600
0.6500	162.01	435.17	0.001104	0.29270	683.6	1,886.5	2,570.1	684.3	2,076.0	2,760.3	1.9627	4.7703	6.7331
0.7000	164.97	438.13	0.001108	0.27290	696.4	1,876.1	2,572.5	697.2	2,066.3	2,763.5	1.9922	4.7158	6.7080
0.7500	167.78	440.94	0.001112	0.25560	708.6	1,866.1	2,574.7	709.5	2,057.0	2,766.4	2.0200	4.6647	6.6847
0.8000	170.43	443.59	0.001115	0.24040	720.2	1,856.6	2,576.8	721.1	2,048.0	2,769.1	2.0462	4.6166	6.6628
0.8500	172.96	446.12	0.001118	0.22700	731.3	1,847.4	2,578.7	732.2	2,039.4	2,771.6	2.0710	4.5711	6.6421

Saturated water-Pressure table (continued)

			Specific volume m3/kg		Internal energy kJ/kg			Enthalpy kJ/kg			Entropy kJ/(kg . K)		
Sat.Press	Sat.Temp		Sat.	Sat.		Sat.	Sat.		Sat.	Sat.		Sat.	
P	?C		liquid	vapor	liquid	Evap.	vapor	liquid	Evap.	vapor	liquid	Evap.	vapor
MPa	TsC	TsK	vf	Vg	uf	ufg	ug	hf	hfg	hg	sf	sfg	sg
0.9000	175.38	448.54	0.001121	0.21500	741.8	1,838.6	2,580.5	742.8	2,031.1	2,773.9	2.0946	4.5280	6.6226
0.9500	177.69	450.85	0.001124	0.20420	752.0	1,830.2	2,582.1	753.0	2,023.1	2,776.1	2.1172	4.4869	6.6041
1.0000	179.91	453.07	0.001127	0.19444	761.7	1,822.0	2,583.6	762.8	2,015.3	2,778.1	2.1387	4.4478	6.5865
1.1000	184.09	457.25	0.001133	0.17753	780.1	1,806.3	2,586.4	781.3	2,000.4	2,781.7	2.1792	4.3744	6.5536
1.2000	187.99	461.15	0.001139	0.16333	797.3	1,791.5	2,588.8	798.7	1,986.2	2,784.8	2.2166	4.3067	6.5233
1.3000	191.64	464.80	0.001144	0.15125	813.4	1,777.5	2,591.0	814.9	1,972.7	2,787.6	2.2515	4.2438	6.4953
1.4000	195.07	468.23	0.001149	0.14084	828.7	1,764.1	2,592.8	830.3	1,959.7	2,790.0	2.2842	4.1850	6.4693
1.5000	198.32	471.48	0.001154	0.13177	843.2	1,751.3	2,594.5	844.9	1,947.3	2,792.2	2.3150	4.1298	6.4448
1.7500	205.76	478.92	0.001166	0.11349	876.5	1,721.4	2,597.8	878.5	1,917.9	2,796.4	2.3851	4.0044	6.3896
2.0000	212.42	485.58	0.001177	0.09963	906.4	1,693.8	2,600.3	908.8	1,890.7	2,799.5	2.4474	3.8935	6.3409
2.2500	218.45	491.61	0.001187	0.08875	933.8	1,668.2	2,602.0	936.5	1,865.2	2,801.7	2.5035	3.7937	6.2972
2.5000	223.99	497.15	0.001197	0.07998	959.1	1,644.0	2,603.1	962.1	1,841.0	2,803.1	2.5547	3.7028	6.2575
3.0000	233.90	507.06	0.001217	0.06668	1,004.8	1,599.3	2,604.1	1,008.4	1,795.7	2,804.2	2.6457	3.5412	6.1869
3.5000	242.60	515.76	0.001235	0.05707	1,045.4	1,558.3	2,603.7	1,049.8	1,753.7	2,803.4	2.7253	3.4000	6.1253
4.0000	250.40	523.56	0.001252	0.04978	1,082.3	1,520.0	2,602.3	1,087.3	1,714.1	2,801.4	2.7964	3.2737	6.0701
5.0000	263.99	537.15	0.001286	0.03944	1,147.8	1,449.3	2,597.1	1,154.2	1,640.1	2,794.3	2.9202	3.0532	5.9734
6.0000	275.64	548.80	0.001319	0.03244	1,205.4	1,384.3	2,589.7	1,213.4	1,571.0	2,784.3	3.0267	2.8625	5.8892
7.0000	285.88	559.04	0.001351	0.02737	1,257.6	1,323.0	2,580.5	1,267.0	1,505.1	2,772.1	3.1211	2.6922	5.8133
8.0000	295.06	568.22	0.001384	0.02352	1,305.6	1,264.2	2,569.8	1,316.6	1,441.3	2,758.0	3.2068	2.5364	5.7432
9.0000	303.40	576.56	0.001418	0.02048	1,350.5	1,207.3	2,557.8	1,363.3	1,378.9	2,742.1	3.2858	2.3915	5.6722
10.0000	311.06	584.22	0.001452	0.01803	1,393.0	1,151.4	2,544.4	1,407.6	1,317.1	2,724.7	3.3596	2.2544	5.6141
11.0000	318.15	591.31	0.001489	0.01599	1,433.7	1,096.0	2,529.8	1,450.1	1,255.5	2,705.6	3.4295	2.1233	5.5527
12.0000	324.75	597.91	0.001527	0.01426	1,473.0	1,040.7	2,513.7	1,491.3	1,193.3	2,684.9	3.4962	1.9962	5.4924
13.0000	330.93	604.09	0.001567	0.01278	1,511.1	985.0	2,496.1	1,531.5	1,130.7	2,662.2	3.5606	1.8718	5.4323
14.0000	336.75	609.91	0.001611	0.01149	1,548.6	928.2	2,476.8	1,571.1	1,066.5	2,637.6	3.6232	1.7485	5.3717
15.0000	342.24	615.40	0.001658	0.01034	1,585.6	869.8	2,455.5	1,610.5	1,000.0	2,610.5	3.6848	1.6249	5.3098
16.0000	347.44	620.60	0.001711	0.00931	1,622.7	809.0	2,431.7	1,650.1	930.6	2,580.6	3.7461	1.4994	5.2455
17.0000	352.37	625.53	0.001770	0.00836	1,660.2	744.8	2,405.0	1,690.3	856.9	2,547.2	3.8079	1.3698	5.1777
18.0000	357.06	630.22	0.001840	0.00749	1,698.9	675.4	2,374.3	1,732.0	777.1	2,509.1	3.8715	1.2329	5.1044
19.0000	361.54	634.70	0.001924	0.00666	1,739.9	598.1	2,338.1	1,776.5	688.0	2,464.5	3.9388	1.0839	5.0228
20.0000	365.81	638.97	0.002036	0.00583	1,785.6	507.5	2,293.0	1,826.3	583.4	2,409.7	4.0139	0.9130	4.9269
21.0000	369.89	643.05	0.002207	0.00495	1,842.1	388.5	2,230.6	1,888.4	446.2	2,334.6	4.1075	0.6938	4.8013
22.0000	373.80	646.96	0.002742	0.00357	1,961.9	125.2	2,087.1	2,022.2	143.4	2,165.6	4.3110	0.2216	4.5327
22.0900	374.14	647.30	0.003155	0.00316	2,029.6	-	2,029.6	2,099.3	-	2,099.3	4.4298	0.0000	4.4298

Compressed Water and Superheated Steam

0.10 MPa (t_s = 99.606 °C)					0.11 MPa (t_s = 102.292 °C)					0.12 MPa (t_s = 104.784 °C)			
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s
1.043 15	958.63	417.50	1.3028	t_s(L)	1.045 27	956.69	428.84	1.3330	t_s(L)	1.047 27	954.86	439.36	1.3609
1693.9	0.590 34	2674.9	7.3588	t_s(V)	1549.5	0.645 39	2679.2	7.3269	t_s(V)	1428.4	0.700 10	2683.1	7.2977
1.000 16	*999.84*	*0.06*	*-0.000 15*	**0**	*1.000 15*	*999.85*	*0.07*	*-0.000 15*	**0**	*1.000 15*	*999.85*	*0.08*	*-0.000 15*
1.000 03	999.97	21.12	0.076 25	**5**	1.000 03	999.97	21.13	0.076 25	**5**	1.000 02	999.98	21.14	0.076 25
1.000 30	999.70	42.12	0.151 08	**10**	1.000 29	999.71	42.13	0.151 08	**10**	1.000 29	999.71	42.14	0.151 08
1.000 90	999.10	63.08	0.224 45	**15**	1.000 89	999.11	63.09	0.224 45	**15**	1.000 89	999.11	63.09	0.224 45
1.001 80	998.21	84.01	0.296 46	**20**	1.001 79	998.21	84.02	0.296 46	**20**	1.001 79	998.22	84.02	0.296 46
1.002 96	997.05	104.92	0.367 20	**25**	1.002 96	997.05	104.93	0.367 20	**25**	1.002 95	997.06	104.94	0.367 19
1.004 37	995.65	125.82	0.436 73	**30**	1.004 37	995.65	125.83	0.436 72	**30**	1.004 36	995.66	125.84	0.436 72
1.006 00	994.03	146.72	0.505 10	**35**	1.006 00	994.04	146.73	0.505 09	**35**	1.005 99	994.04	146.74	0.505 09
1.007 85	992.22	167.62	0.572 37	**40**	1.007 84	992.22	167.62	0.572 36	**40**	1.007 84	992.22	167.63	0.572 36
1.009 88	990.21	188.51	0.638 58	**45**	1.009 88	990.22	188.52	0.638 57	**45**	1.009 88	990.22	188.53	0.638 57
1.012 11	988.03	209.42	0.703 77	**50**	1.012 11	988.04	209.43	0.703 76	**50**	1.012 10	988.04	209.43	0.703 76
1.014 52	985.69	230.33	0.767 98	**55**	1.014 51	985.70	230.34	0.767 98	**55**	1.014 51	985.70	230.34	0.767 97
1.017 09	983.20	251.25	0.831 25	**60**	1.017 09	983.20	251.26	0.831 25	**60**	1.017 08	983.20	251.26	0.831 24
1.019 84	980.55	272.18	0.893 61	**65**	1.019 83	980.55	272.19	0.893 60	**65**	1.019 83	980.56	272.19	0.893 60
1.022 74	977.76	293.12	0.955 09	**70**	1.022 74	977.77	293.13	0.955 09	**70**	1.022 73	977.77	293.14	0.955 08
1.025 81	974.84	314.08	1.0157	**75**	1.025 80	974.85	314.09	1.0157	**75**	1.025 80	974.85	314.10	1.0157
1.029 03	971.79	335.05	1.0755	**80**	1.029 02	971.79	335.06	1.0755	**80**	1.029 02	971.80	335.07	1.0755
1.032 41	968.61	356.05	1.1346	**85**	1.032 40	968.62	356.06	1.1346	**85**	1.032 40	968.62	356.06	1.1346
1.035 94	965.31	377.06	1.1928	**90**	1.035 93	965.31	377.07	1.1928	**90**	1.035 93	965.32	377.08	1.1928
1.039 62	961.89	398.10	1.2504	**95**	1.039 62	961.89	398.11	1.2504	**95**	1.039 61	961.90	398.12	1.2504
1695.9	0.589 67	2675.8	7.3610	**100**	1.043 46	958.35	419.17	1.3072	**100**	1.043 45	958.36	419.18	1.3072
1720.4	0.581 27	2686.1	7.3885	**105**	1561.6	0.640 37	2684.8	7.3418	**105**	1429.3	0.699 67	2683.5	7.2989
1744.7	0.573 15	2696.3	7.4155	**110**	1583.9	0.631 36	2695.2	7.3690	**110**	1449.8	0.689 74	2693.9	7.3263
1769.0	0.565 29	2706.5	7.4418	**115**	1606.1	0.622 64	2705.4	7.3956	**115**	1470.3	0.680 15	2704.3	7.3531
1793.2	0.557 67	2716.6	7.4678	**120**	1628.1	0.614 20	2715.6	7.4217	**120**	1490.6	0.670 87	2714.6	7.3794
1817.2	0.550 28	2726.7	7.4932	**125**	1650.1	0.606 01	2725.7	7.4473	**125**	1510.9	0.661 87	2724.8	7.4052
1841.2	0.543 11	2736.7	7.5183	**130**	1672.0	0.598 07	2735.8	7.4725	**130**	1531.0	0.653 15	2734.9	7.4305
1865.2	0.536 14	2746.7	7.5429	**135**	1693.9	0.590 36	2745.9	7.4973	**135**	1551.1	0.644 69	2745.0	7.4554
1889.1	0.529 36	2756.7	7.5672	**140**	1715.7	0.582 86	2755.9	7.5217	**140**	1571.2	0.636 46	2755.1	7.4800
1912.9	0.522 77	2766.7	7.5911	**145**	1737.4	0.575 57	2765.9	7.5457	**145**	1591.2	0.628 47	2765.1	7.5041
1936.7	0.516 36	2776.6	7.6148	**150**	1759.1	0.568 48	2775.9	7.5694	**150**	1611.1	0.620 69	2775.1	7.5279
1960.4	0.510 11	2786.5	7.6380	**155**	1780.7	0.561 57	2785.8	7.5928	**155**	1631.0	0.613 13	2785.1	7.5514
1984.1	0.504 02	2796.4	7.6610	**160**	1802.3	0.554 85	2795.8	7.6159	**160**	1650.8	0.605 76	2795.1	7.5745
2007.7	0.498 08	2806.3	7.6838	**165**	1823.9	0.548 29	2805.7	7.6387	**165**	1670.6	0.598 57	2805.0	7.5974
2031.3	0.492 29	2816.2	7.7062	**170**	1845.4	0.541 90	2815.6	7.6612	**170**	1690.4	0.591 57	2815.0	7.6199
2054.9	0.486 64	2826.1	7.7284	**175**	1866.9	0.535 66	2825.5	7.6834	**175**	1710.2	0.584 74	2824.9	7.6422
2078.5	0.481 13	2836.0	7.7503	**180**	1888.3	0.529 57	2835.4	7.7054	**180**	1729.9	0.578 08	2834.9	7.6643
2102.0	0.475 74	2845.8	7.7719	**185**	1909.8	0.523 63	2845.3	7.7271	**185**	1749.6	0.571 58	2844.8	7.6860
2125.5	0.470 48	2855.7	7.7934	**190**	1931.2	0.517 82	2855.2	7.7486	**190**	1769.2	0.565 22	2854.7	7.7076
2149.0	0.465 34	2865.6	7.8146	**195**	1952.5	0.512 15	2865.1	7.7698	**195**	1788.8	0.559 02	2864.6	7.7289
2172.4	0.460 31	2875.5	7.8356	**200**	1973.9	0.506 61	2875.0	7.7908	**200**	1808.5	0.552 96	2874.5	7.7499
2219.3	0.450 59	2895.2	7.8769	**210**	2016.6	0.495 89	2894.8	7.8322	**210**	1847.6	0.541 23	2894.3	7.7914
2266.1	0.441 29	2915.0	7.9174	**220**	2059.2	0.485 63	2914.6	7.8728	**220**	1886.7	0.530 01	2914.2	7.8320
2312.8	0.432 37	2934.8	7.9572	**230**	2101.7	0.475 80	2934.4	7.9126	**230**	1925.8	0.519 27	2934.1	7.8719
2359.5	0.423 82	2954.6	7.9962	**240**	2144.2	0.466 37	2954.3	7.9517	**240**	1964.8	0.508 96	2953.9	7.9111
2406.2	0.415 60	2974.5	8.0346	**250**	2186.7	0.457 32	2974.2	7.9901	**250**	2003.7	0.499 07	2973.9	7.9495
2452.8	0.407 70	2994.4	8.0723	**260**	2229.1	0.448 62	2994.1	8.0279	**260**	2042.7	0.489 56	2993.8	7.9873
2499.3	0.400 11	3014.4	8.1094	**270**	2271.4	0.440 25	3014.1	8.0650	**270**	2081.5	0.480 42	3013.8	8.0244
2545.9	0.392 80	3034.4	8.1459	**280**	2313.8	0.432 19	3034.1	8.1015	**280**	2120.4	0.471 62	3033.8	8.0610
2592.4	0.385 75	3054.4	8.1818	**290**	2356.1	0.424 43	3054.2	8.1374	**290**	2159.2	0.463 14	3053.9	8.0970

Compressed Water and Superheated Steam (continued)

0.13 MPa (t_s = 107.109 °C)					0.14 MPa (t_s = 109.292 °C)					0.15 MPa (t_s = 111.349 °C)			
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s
1.049 17	953.13	449.19	1.3868	t_s(L)	1.050 99	951.49	458.42	1.4110	t_s(L)	1.052 73	949.92	467.13	1.4337
1325.3	0.754 53	2686.6	7.2709	t_s(V)	1236.6	0.808 69	2690.0	7.2461	t_s(V)	1159.3	0.862 60	2693.1	7.2230
1.000 14	*999.86*	*0.09*	*-0.000 15*	**0**	1.000 14	999.86	0.10	-0.000 15	**0**	1.000 13	999.87	0.11	-0.000 14
1.000 02	999.98	21.15	0.076 25	**5**	1.000 01	999.99	21.16	0.076 25	**5**	1.000 01	999.99	21.17	0.076 25
1.000 28	999.72	42.15	0.151 07	**10**	1.000 28	999.72	42.16	0.151 07	**10**	1.000 27	999.73	42.17	0.151 07
1.000 88	999.12	63.10	0.224 44	**15**	1.000 88	999.12	63.11	0.224 44	**15**	1.000 88	999.13	63.12	0.224 44
1.001 78	998.22	84.03	0.296 46	**20**	1.001 78	998.22	84.04	0.296 45	**20**	1.001 77	998.23	84.05	0.296 45
1.002 95	997.06	104.95	0.367 19	**25**	1.002 94	997.07	104.96	0.367 19	**25**	1.002 94	997.07	104.97	0.367 19
1.004 36	995.66	125.85	0.436 72	**30**	1.004 35	995.67	125.86	0.436 71	**30**	1.004 35	995.67	125.87	0.436 71
1.005 99	994.05	146.75	0.505 09	**35**	1.005 99	994.05	146.75	0.505 08	**35**	1.005 98	994.05	146.76	0.505 08
1.007 83	992.23	167.64	0.572 35	**40**	1.007 83	992.23	167.65	0.572 35	**40**	1.007 82	992.24	167.66	0.572 35
1.009 87	990.23	188.54	0.638 56	**45**	1.009 87	990.23	188.55	0.638 56	**45**	1.009 86	990.23	188.56	0.638 55
1.012 10	988.05	209.44	0.703 75	**50**	1.012 09	988.05	209.45	0.703 75	**50**	1.012 09	988.06	209.46	0.703 74
1.014 50	985.71	230.35	0.767 97	**55**	1.014 50	985.71	230.36	0.767 96	**55**	1.014 49	985.71	230.37	0.767 96
1.017 08	983.21	251.27	0.831 23	**60**	1.017 07	983.21	251.28	0.831 23	**60**	1.017 07	983.22	251.29	0.831 22
1.019 82	980.56	272.20	0.893 59	**65**	1.019 82	980.57	272.21	0.893 59	**65**	1.019 81	980.57	272.22	0.893 58
1.022 73	977.78	293.15	0.955 07	**70**	1.022 72	977.78	293.15	0.955 07	**70**	1.022 72	977.79	293.16	0.955 06
1.025 79	974.86	314.10	1.0157	**75**	1.025 79	974.86	314.11	1.0157	**75**	1.025 78	974.86	314.12	1.0157
1.029 01	971.80	335.08	1.0755	**80**	1.029 01	971.81	335.09	1.0755	**80**	1.029 01	971.81	335.09	1.0755
1.032 39	968.62	356.07	1.1346	**85**	1.032 39	968.63	356.08	1.1345	**85**	1.032 38	968.63	356.09	1.1345
1.035 92	965.32	377.09	1.1928	**90**	1.035 92	965.33	377.09	1.1928	**90**	1.035 91	965.33	377.10	1.1928
1.039 61	961.90	398.12	1.2504	**95**	1.039 60	961.91	398.13	1.2504	**95**	1.039 60	961.91	398.14	1.2503
1.043 45	958.36	419.19	1.3072	**100**	1.043 44	958.37	419.20	1.3072	**100**	1.043 44	958.37	419.20	1.3072
1.047 44	954.71	440.28	1.3633	**105**	1.047 43	954.71	440.29	1.3633	**105**	1.047 43	954.72	440.30	1.3633
1336.4	0.748 30	2692.7	7.2868	**110**	1239.1	0.807 04	2691.5	7.2500	**110**	1.051 58	950.95	461.42	1.4188
1355.3	0.737 82	2703.2	7.3138	**115**	1256.8	0.795 65	2702.0	7.2773	**115**	1171.4	0.853 65	2700.8	7.2430
1374.2	0.727 68	2713.5	7.3403	**120**	1274.5	0.784 65	2712.4	7.3039	**120**	1188.0	0.841 77	2711.4	7.2699
1393.0	0.717 87	2723.8	7.3663	**125**	1292.0	0.774 01	2722.8	7.3301	**125**	1204.4	0.830 28	2721.8	7.2962
1411.7	0.708 36	2734.0	7.3917	**130**	1309.4	0.763 70	2733.0	7.3557	**130**	1220.8	0.819 16	2732.1	7.3220
1430.3	0.699 13	2744.1	7.4168	**135**	1326.8	0.753 70	2743.3	7.3809	**135**	1237.0	0.808 38	2742.4	7.3473
1448.9	0.690 17	2754.3	7.4414	**140**	1344.1	0.743 99	2753.4	7.4057	**140**	1253.3	0.797 92	2752.6	7.3722
1467.4	0.681 47	2764.3	7.4657	**145**	1361.3	0.734 57	2763.6	7.4300	**145**	1269.4	0.787 77	2762.8	7.3967
1485.9	0.673 00	2774.4	7.4896	**150**	1378.5	0.725 40	2773.6	7.4540	**150**	1285.5	0.777 90	2772.9	7.4208
1504.3	0.664 77	2784.4	7.5132	**155**	1395.7	0.716 49	2783.7	7.4777	**155**	1301.6	0.768 31	2783.0	7.4445
1522.7	0.656 75	2794.4	7.5364	**160**	1412.8	0.707 82	2793.8	7.5010	**160**	1317.6	0.758 97	2793.1	7.4679
1541.0	0.648 93	2804.4	7.5593	**165**	1429.9	0.699 37	2803.8	7.5240	**165**	1333.5	0.749 88	2803.1	7.4910
1559.3	0.641 32	2814.4	7.5819	**170**	1446.9	0.691 14	2813.8	7.5467	**170**	1349.5	0.741 03	2813.2	7.5138
1577.6	0.633 89	2824.3	7.6043	**175**	1463.9	0.683 11	2823.8	7.5691	**175**	1365.4	0.732 40	2823.2	7.5363
1595.8	0.626 65	2834.3	7.6264	**180**	1480.9	0.675 28	2833.7	7.5912	**180**	1381.3	0.723 98	2833.2	7.5585
1614.0	0.619 58	2844.2	7.6482	**185**	1497.8	0.667 65	2843.7	7.6131	**185**	1397.1	0.715 77	2843.2	7.5804
1632.2	0.612 68	2854.2	7.6698	**190**	1514.7	0.660 19	2853.7	7.6347	**190**	1412.9	0.707 76	2853.2	7.6021
1650.3	0.605 94	2864.1	7.6911	**195**	1531.6	0.652 91	2863.6	7.6561	**195**	1428.7	0.699 93	2863.1	7.6235
1668.5	0.599 35	2874.0	7.7122	**200**	1548.5	0.645 79	2873.6	7.6773	**200**	1444.5	0.692 29	2873.1	7.6447
1704.7	0.586 62	2893.9	7.7538	**210**	1582.2	0.632 05	2893.5	7.7189	**210**	1476.0	0.677 52	2893.0	7.6864
1740.8	0.574 43	2913.8	7.7945	**220**	1615.8	0.618 90	2913.4	7.7597	**220**	1507.4	0.663 40	2913.0	7.7272
1776.9	0.562 77	2933.7	7.8344	**230**	1649.3	0.606 30	2933.3	7.7996	**230**	1538.8	0.649 88	2932.9	7.7672
1813.0	0.551 58	2953.6	7.8736	**240**	1682.8	0.594 23	2953.2	7.8389	**240**	1570.1	0.636 92	2952.9	7.8065
1849.0	0.540 84	2973.5	7.9121	**250**	1716.3	0.582 65	2973.2	7.8774	**250**	1601.3	0.624 48	2972.9	7.8451
1884.9	0.530 53	2993.5	7.9499	**260**	1749.7	0.571 52	2993.2	7.9153	**260**	1632.5	0.612 54	2992.9	7.8830
1920.8	0.520 61	3013.5	7.9871	**270**	1783.1	0.560 82	3013.2	7.9525	**270**	1663.7	0.601 06	3012.9	7.9202
1956.7	0.511 06	3033.6	8.0237	**280**	1816.4	0.550 52	3033.3	7.9891	**280**	1694.9	0.590 01	3033.0	7.9569
1992.6	0.501 86	3053.7	8.0597	**290**	1849.8	0.540 61	3053.4	8.0251	**290**	1726.0	0.579 37	3053.1	7.9929

Compressed Water and Superheated Steam (continued)

0.16 MPa (t_s = 113.297 °C)					0.18 MPa (t_s = 116.911 °C)					0.20 MPa (t_s = 120.210 °C)			
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s
1.054 40	948.41	475.38	1.4551	t_s(L)	1.057 56	945.57	490.70	1.4945	t_s(L)	1.060 52	942.94	504.70	1.5302
1091.4	0.916 29	2696.0	7.2014	t_s(V)	977.47	1.0230	2701.4	7.1621	t_s(V)	885.68	1.1291	2706.2	7.1269
1.000 13	999.87	0.12	-0.000 14	**0**	1.000 12	999.88	0.14	-0.000 14	**0**	1.000 11	999.89	0.16	-0.000 14
1.000 00	1000.00	21.18	0.076 25	**5**	0.999 99	1000.01	21.20	0.076 25	**5**	0.999 98	1000.02	21.22	0.076 25
1.000 27	999.73	42.18	0.151 07	**10**	1.000 26	999.74	42.20	0.151 07	**10**	1.000 25	999.75	42.22	0.151 07
1.000 87	999.13	63.13	0.224 44	**15**	1.000 86	999.14	63.15	0.224 44	**15**	1.000 85	999.15	63.17	0.224 43
1.001 77	998.23	84.06	0.296 45	**20**	1.001 76	998.24	84.08	0.296 45	**20**	1.001 75	998.25	84.10	0.296 44
1.002 93	997.07	104.97	0.367 18	**25**	1.002 93	997.08	104.99	0.367 18	**25**	1.002 92	997.09	105.01	0.367 17
1.004 34	995.68	125.88	0.436 71	**30**	1.004 33	995.68	125.89	0.436 70	**30**	1.004 33	995.69	125.91	0.436 70
1.005 98	994.06	146.77	0.505 08	**35**	1.005 97	994.07	146.79	0.505 07	**35**	1.005 96	994.08	146.81	0.505 06
1.007 82	992.24	167.67	0.572 34	**40**	1.007 81	992.25	167.69	0.572 33	**40**	1.007 80	992.26	167.70	0.572 33
1.009 86	990.24	188.57	0.638 55	**45**	1.009 85	990.25	188.58	0.638 54	**45**	1.009 84	990.26	188.60	0.638 53
1.012 08	988.06	209.47	0.703 74	**50**	1.012 07	988.07	209.49	0.703 73	**50**	1.012 07	988.08	209.50	0.703 72
1.014 49	985.72	230.38	0.767 95	**55**	1.014 48	985.73	230.40	0.767 94	**55**	1.014 47	985.74	230.41	0.767 93
1.017 06	983.22	251.30	0.831 22	**60**	1.017 06	983.23	251.31	0.831 21	**60**	1.017 05	983.24	251.33	0.831 20
1.019 81	980.58	272.23	0.893 58	**65**	1.019 80	980.59	272.24	0.893 56	**65**	1.019 79	980.59	272.26	0.893 55
1.022 71	977.79	293.17	0.955 06	**70**	1.022 70	977.80	293.19	0.955 04	**70**	1.022 70	977.81	293.20	0.955 03
1.025 78	974.87	314.13	1.0157	**75**	1.025 77	974.88	314.14	1.0157	**75**	1.025 76	974.89	314.16	1.0157
1.029 00	971.82	335.10	1.0755	**80**	1.028 99	971.83	335.12	1.0755	**80**	1.028 98	971.83	335.13	1.0755
1.032 38	968.64	356.09	1.1345	**85**	1.032 37	968.65	356.11	1.1345	**85**	1.032 36	968.66	356.13	1.1345
1.035 91	965.34	377.11	1.1928	**90**	1.035 90	965.35	377.12	1.1928	**90**	1.035 89	965.35	377.14	1.1928
1.039 59	961.92	398.15	1.2503	**95**	1.039 58	961.92	398.16	1.2503	**95**	1.039 57	961.93	398.18	1.2503
1.043 43	958.38	419.21	1.3072	**100**	1.043 42	958.39	419.23	1.3071	**100**	1.043 41	958.40	419.24	1.3071
1.047 42	954.72	440.30	1.3633	**105**	1.047 41	954.73	440.32	1.3633	**105**	1.047 40	954.74	440.33	1.3633
1.051 57	950.96	461.43	1.4188	**110**	1.051 56	950.97	461.44	1.4188	**110**	1.051 55	950.98	461.46	1.4188
1096.7	0.911 83	2699.7	7.2108	**115**	1.055 87	947.09	482.60	1.4737	**115**	1.055 86	947.10	482.62	1.4736
1112.3	0.899 04	2710.3	7.2379	**120**	986.12	1.0141	2708.0	7.1790	**120**	1.060 32	943.11	503.81	1.5279
1127.8	0.886 70	2720.7	7.2644	**125**	1000.0	0.999 96	2718.7	7.2059	**125**	897.81	1.1138	2716.6	7.1531
1143.2	0.874 75	2731.1	7.2904	**130**	1013.9	0.986 33	2729.2	7.2322	**130**	910.37	1.0985	2727.3	7.1797
1158.5	0.863 18	2741.5	7.3158	**135**	1027.6	0.973 15	2739.7	7.2580	**135**	922.84	1.0836	2737.8	7.2058
1173.8	0.851 96	2751.7	7.3408	**140**	1041.3	0.960 37	2750.0	7.2832	**140**	935.24	1.0692	2748.3	7.2313
1189.0	0.841 07	2762.0	7.3654	**145**	1054.9	0.947 99	2760.4	7.3081	**145**	947.58	1.0553	2758.7	7.2564
1204.1	0.830 49	2772.1	7.3896	**150**	1068.4	0.935 96	2770.6	7.3325	**150**	959.86	1.0418	2769.1	7.2810
1219.2	0.820 21	2782.3	7.4135	**155**	1081.9	0.924 28	2780.9	7.3565	**155**	972.08	1.0287	2779.4	7.3052
1234.3	0.810 21	2792.4	7.4369	**160**	1095.4	0.912 93	2791.0	7.3801	**160**	984.26	1.0160	2789.7	7.3290
1249.3	0.800 47	2802.5	7.4601	**165**	1108.8	0.901 88	2801.2	7.4034	**165**	996.40	1.0036	2799.9	7.3525
1264.2	0.790 99	2812.5	7.4829	**170**	1122.2	0.891 13	2811.3	7.4264	**170**	1008.5	0.991 57	2810.1	7.3756
1279.2	0.781 75	2822.6	7.5055	**175**	1135.5	0.880 66	2821.4	7.4491	**175**	1020.6	0.979 84	2820.2	7.3984
1294.1	0.772 74	2832.6	7.5277	**180**	1148.8	0.870 45	2831.5	7.4714	**180**	1032.6	0.968 42	2830.4	7.4209
1309.0	0.763 95	2842.6	7.5497	**185**	1162.1	0.860 50	2841.6	7.4935	**185**	1044.6	0.957 29	2840.5	7.4431
1323.8	0.755 38	2852.6	7.5714	**190**	1175.4	0.850 79	2851.6	7.5154	**190**	1056.6	0.946 44	2850.6	7.4650
1338.7	0.747 01	2862.6	7.5929	**195**	1188.6	0.841 32	2861.7	7.5369	**195**	1068.5	0.935 85	2860.7	7.4867
1353.5	0.738 83	2872.6	7.6141	**200**	1201.8	0.832 07	2871.7	7.5582	**200**	1080.5	0.925 51	2870.7	7.5081
1383.1	0.723 04	2892.6	7.6559	**210**	1228.2	0.814 21	2891.7	7.6002	**210**	1104.3	0.905 56	2890.8	7.5501
1412.6	0.707 94	2912.6	7.6968	**220**	1254.5	0.797 14	2911.8	7.6412	**220**	1128.0	0.886 50	2910.9	7.5913
1442.0	0.693 49	2932.5	7.7369	**230**	1280.7	0.780 81	2931.8	7.6814	**230**	1151.7	0.868 28	2931.0	7.6316
1471.4	0.679 64	2952.5	7.7762	**240**	1306.9	0.765 17	2951.8	7.7208	**240**	1175.3	0.850 83	2951.1	7.6712
1500.7	0.666 35	2972.5	7.8148	**250**	1333.0	0.750 17	2971.9	7.7595	**250**	1198.9	0.834 10	2971.2	7.7100
1530.0	0.653 59	2992.6	7.8528	**260**	1359.1	0.735 76	2991.9	7.7975	**260**	1222.4	0.818 05	2991.3	7.7480
1559.3	0.641 32	3012.6	7.8901	**270**	1385.2	0.721 92	3012.1	7.8349	**270**	1245.9	0.802 62	3011.5	7.7855
1588.5	0.629 52	3032.7	7.9267	**280**	1411.2	0.708 61	3032.2	7.8716	**280**	1269.4	0.787 78	3031.6	7.8223
1617.7	0.618 16	3052.9	7.9628	**290**	1437.2	0.695 79	3052.4	7.9078	**290**	1292.8	0.773 50	3051.8	7.8584

Compressed Water and Superheated Steam (continued)

0.22 MPa (t_s = 123.250 °C)					0.24 MPa (t_s = 126.072 °C)					0.26 MPa (t_s = 128.708 °C)			
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s
1.063 30	940.47	517.63	1.5628	t_s(L)	1.065 94	938.13	529.64	1.5930	t_s(L)	1.068 46	935.93	540.87	1.6210
810.07	1.2345	2710.6	7.0951	t_s(V)	746.68	1.3393	2714.6	7.0661	t_s(V)	692.73	1.4436	2718.3	7.0394
1.000 10	999.90	0.18	-0.000 14	**0**	1.000 09	999.91	0.20	-0.000 14	**0**	1.000 08	999.92	0.22	-0.000 14
0.999 98	1000.02	21.24	0.076 25	**5**	0.999 97	1000.03	21.26	0.076 25	**5**	0.999 96	1000.04	21.28	0.076 25
1.000 24	999.76	42.23	0.151 07	**10**	1.000 23	999.77	42.25	0.151 06	**10**	1.000 22	999.78	42.27	0.151 06
1.000 84	999.16	63.19	0.224 43	**15**	1.000 83	999.17	63.21	0.224 43	**15**	1.000 82	999.18	63.23	0.224 42
1.001 74	998.26	84.12	0.296 44	**20**	1.001 73	998.27	84.14	0.296 43	**20**	1.001 72	998.28	84.16	0.296 43
1.002 91	997.10	105.03	0.367 17	**25**	1.002 90	997.11	105.05	0.367 16	**25**	1.002 89	997.12	105.07	0.367 16
1.004 32	995.70	125.93	0.436 69	**30**	1.004 31	995.71	125.95	0.436 68	**30**	1.004 30	995.72	125.97	0.436 68
1.005 95	994.09	146.83	0.505 06	**35**	1.005 94	994.09	146.84	0.505 05	**35**	1.005 93	994.10	146.86	0.505 04
1.007 79	992.27	167.72	0.572 32	**40**	1.007 78	992.28	167.74	0.572 31	**40**	1.007 77	992.29	167.76	0.572 30
1.009 83	990.26	188.62	0.638 52	**45**	1.009 82	990.27	188.64	0.638 52	**45**	1.009 81	990.28	188.65	0.638 51
1.012 06	988.09	209.52	0.703 71	**50**	1.012 05	988.10	209.54	0.703 70	**50**	1.012 04	988.10	209.56	0.703 69
1.014 46	985.74	230.43	0.767 92	**55**	1.014 45	985.75	230.45	0.767 91	**55**	1.014 44	985.76	230.46	0.767 90
1.017 04	983.25	251.35	0.831 19	**60**	1.017 03	983.26	251.37	0.831 18	**60**	1.017 02	983.27	251.38	0.831 17
1.019 78	980.60	272.28	0.893 54	**65**	1.019 77	980.61	272.29	0.893 53	**65**	1.019 76	980.62	272.31	0.893 52
1.022 69	977.82	293.22	0.955 02	**70**	1.022 68	977.83	293.24	0.955 01	**70**	1.022 67	977.83	293.25	0.955 00
1.025 75	974.90	314.18	1.0157	**75**	1.025 74	974.90	314.19	1.0156	**75**	1.025 73	974.91	314.21	1.0156
1.028 97	971.84	335.15	1.0755	**80**	1.028 96	971.85	335.17	1.0755	**80**	1.028 95	971.86	335.18	1.0754
1.032 35	968.67	356.14	1.1345	**85**	1.032 34	968.67	356.16	1.1345	**85**	1.032 33	968.68	356.17	1.1345
1.035 88	965.36	377.16	1.1928	**90**	1.035 87	965.37	377.17	1.1927	**90**	1.035 86	965.38	377.19	1.1927
1.039 56	961.94	398.19	1.2503	**95**	1.039 55	961.95	398.21	1.2503	**95**	1.039 54	961.96	398.22	1.2503
1.043 40	958.40	419.26	1.3071	**100**	1.043 39	958.41	419.27	1.3071	**100**	1.043 38	958.42	419.29	1.3071
1.047 39	954.75	440.35	1.3633	**105**	1.047 38	954.76	440.36	1.3633	**105**	1.047 37	954.77	440.38	1.3632
1.051 54	950.99	461.47	1.4188	**110**	1.051 53	950.99	461.49	1.4187	**110**	1.051 52	951.00	461.50	1.4187
1.055 85	947.11	482.63	1.4736	**115**	1.055 84	947.12	482.64	1.4736	**115**	1.055 83	947.13	482.66	1.4736
1.060 31	943.12	503.83	1.5279	**120**	1.060 30	943.13	503.84	1.5279	**120**	1.060 29	943.14	503.85	1.5279
814.14	1.2283	2714.4	7.1047	**125**	1.064 93	939.03	525.08	1.5816	**125**	1.064 92	939.04	525.09	1.5815
825.67	1.2111	2725.3	7.1318	**130**	755.07	1.3244	2723.2	7.0876	**130**	695.30	1.4382	2721.2	7.0465
837.12	1.1946	2736.0	7.1582	**135**	765.66	1.3061	2734.1	7.1143	**135**	705.17	1.4181	2732.2	7.0736
848.48	1.1786	2746.6	7.1840	**140**	776.16	1.2884	2744.8	7.1405	**140**	714.95	1.3987	2743.0	7.1001
859.78	1.1631	2757.1	7.2093	**145**	786.60	1.2713	2755.4	7.1660	**145**	724.66	1.3800	2753.8	7.1259
871.02	1.1481	2767.6	7.2341	**150**	796.97	1.2547	2766.0	7.1911	**150**	734.31	1.3618	2764.4	7.1512
882.20	1.1335	2777.9	7.2585	**155**	807.29	1.2387	2776.5	7.2157	**155**	743.90	1.3443	2775.0	7.1760
893.34	1.1194	2788.3	7.2825	**160**	817.57	1.2231	2786.9	7.2399	**160**	753.44	1.3273	2785.5	7.2004
904.44	1.1057	2798.6	7.3062	**165**	827.79	1.2080	2797.2	7.2636	**165**	762.93	1.3107	2795.9	7.2243
915.50	1.0923	2808.8	7.3294	**170**	837.98	1.1933	2807.6	7.2871	**170**	772.39	1.2947	2806.3	7.2479
926.52	1.0793	2819.0	7.3524	**175**	848.14	1.1791	2817.8	7.3101	**175**	781.81	1.2791	2816.6	7.2711
937.51	1.0667	2829.2	7.3750	**180**	858.26	1.1652	2828.1	7.3329	**180**	791.19	1.2639	2826.9	7.2940
948.47	1.0543	2839.4	7.3973	**185**	868.35	1.1516	2838.3	7.3553	**185**	800.55	1.2491	2837.2	7.3165
959.41	1.0423	2849.5	7.4193	**190**	878.41	1.1384	2848.5	7.3774	**190**	809.87	1.2348	2847.4	7.3387
970.32	1.0306	2859.7	7.4411	**195**	888.45	1.1256	2858.7	7.3993	**195**	819.17	1.2207	2857.6	7.3607
981.20	1.0192	2869.8	7.4625	**200**	898.47	1.1130	2868.8	7.4208	**200**	828.45	1.2071	2867.8	7.3823
1002.9	0.997 09	2890.0	7.5048	**210**	918.43	1.0888	2889.1	7.4632	**210**	846.95	1.1807	2888.2	7.4249
1024.6	0.976 03	2910.1	7.5461	**220**	938.33	1.0657	2909.3	7.5046	**220**	865.37	1.1556	2908.5	7.4664
1046.1	0.955 90	2930.3	7.5865	**230**	958.16	1.0437	2929.5	7.5452	**230**	883.72	1.1316	2928.7	7.5071
1067.7	0.936 63	2950.4	7.6261	**240**	977.94	1.0226	2949.7	7.5849	**240**	902.03	1.1086	2949.0	7.5469
1089.1	0.918 16	2970.5	7.6650	**250**	997.67	1.0023	2969.9	7.6239	**250**	920.28	1.0866	2969.2	7.5860
1110.6	0.900 44	2990.7	7.7032	**260**	1017.4	0.982 93	2990.1	7.6621	**260**	938.49	1.0655	2989.4	7.6243
1132.0	0.883 41	3010.9	7.7407	**270**	1037.0	0.964 31	3010.3	7.6997	**270**	956.66	1.0453	3009.7	7.6619
1153.3	0.867 05	3031.1	7.7775	**280**	1056.6	0.946 40	3030.5	7.7366	**280**	974.81	1.0258	3030.0	7.6989
1174.7	0.851 30	3051.3	7.8138	**290**	1076.2	0.929 17	3050.8	7.7729	**290**	992.92	1.0071	3050.3	7.7353

Compressed Water and Superheated Steam (continued)

0.28 MPa (t_s = 131.185 °C)					0.30 MPa (t_s = 133.522 °C)					0.35 MPa (t_s = 138.857 °C)			
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s
1.070 86	933.83	551.44	1.6471	t_s(L)	1.073 17	931.82	561.43	1.6717	t_s(L)	1.078 57	927.15	584.26	1.7274
646.24	1.5474	2721.7	7.0146	t_s(V)	605.76	1.6508	2724.9	6.9916	t_s(V)	524.18	1.9077	2732.0	6.9401
1.000 07	999.93	0.24	-0.000 14	**0**	1.000 06	999.94	0.26	-0.000 13	**0**	1.000 03	999.97	0.31	-0.000 13
0.999 95	1000.05	21.30	0.076 25	**5**	0.999 94	1000.06	21.32	0.076 25	**5**	0.999 91	1000.09	21.37	0.076 25
1.000 21	999.79	42.29	0.151 06	**10**	1.000 20	999.80	42.31	0.151 06	**10**	1.000 18	999.82	42.36	0.151 06
1.000 81	999.19	63.25	0.224 42	**15**	1.000 81	999.20	63.27	0.224 42	**15**	1.000 78	999.22	63.31	0.224 41
1.001 71	998.29	84.18	0.296 43	**20**	1.001 70	998.30	84.19	0.296 42	**20**	1.001 68	998.32	84.24	0.296 41
1.002 88	997.13	105.09	0.367 15	**25**	1.002 87	997.14	105.10	0.367 15	**25**	1.002 85	997.16	105.15	0.367 14
1.004 29	995.73	125.99	0.436 67	**30**	1.004 28	995.74	126.00	0.436 66	**30**	1.004 26	995.76	126.05	0.436 65
1.005 92	994.11	146.88	0.505 03	**35**	1.005 91	994.12	146.90	0.505 03	**35**	1.005 89	994.14	146.94	0.505 01
1.007 77	992.29	167.77	0.572 30	**40**	1.007 76	992.30	167.79	0.572 29	**40**	1.007 73	992.33	167.84	0.572 27
1.009 80	990.29	188.67	0.638 50	**45**	1.009 80	990.30	188.69	0.638 49	**45**	1.009 77	990.32	188.73	0.638 47
1.012 03	988.11	209.57	0.703 68	**50**	1.012 02	988.12	209.59	0.703 68	**50**	1.012 00	988.14	209.63	0.703 65
1.014 43	985.77	230.48	0.767 89	**55**	1.014 43	985.78	230.50	0.767 88	**55**	1.014 40	985.80	230.54	0.767 86
1.017 01	983.27	251.40	0.831 15	**60**	1.017 00	983.28	251.42	0.831 14	**60**	1.016 98	983.30	251.46	0.831 12
1.019 75	980.63	272.33	0.893 51	**65**	1.019 74	980.64	272.34	0.893 50	**65**	1.019 72	980.66	272.39	0.893 47
1.022 66	977.84	293.27	0.954 98	**70**	1.022 65	977.85	293.29	0.954 97	**70**	1.022 63	977.87	293.33	0.954 94
1.025 72	974.92	314.22	1.0156	**75**	1.025 71	974.93	314.24	1.0156	**75**	1.025 69	974.95	314.28	1.0156
1.028 94	971.87	335.20	1.0754	**80**	1.028 93	971.88	335.21	1.0754	**80**	1.028 91	971.90	335.25	1.0754
1.032 32	968.69	356.19	1.1344	**85**	1.032 31	968.70	356.20	1.1344	**85**	1.032 29	968.72	356.24	1.1344
1.035 85	965.39	377.20	1.1927	**90**	1.035 84	965.40	377.22	1.1927	**90**	1.035 81	965.42	377.26	1.1927
1.039 53	961.97	398.24	1.2502	**95**	1.039 52	961.98	398.25	1.2502	**95**	1.039 50	962.00	398.29	1.2502
1.043 37	958.43	419.30	1.3071	**100**	1.043 36	958.44	419.32	1.3071	**100**	1.043 33	958.47	419.35	1.3070
1.047 36	954.78	440.39	1.3632	**105**	1.047 35	954.79	440.41	1.3632	**105**	1.047 32	954.81	440.44	1.3632
1.051 51	951.01	461.51	1.4187	**110**	1.051 50	951.02	461.53	1.4187	**110**	1.051 47	951.05	461.57	1.4187
1.055 81	947.14	482.67	1.4736	**115**	1.055 80	947.15	482.69	1.4736	**115**	1.055 78	947.17	482.72	1.4735
1.060 28	943.15	503.87	1.5278	**120**	1.060 27	943.16	503.88	1.5278	**120**	1.060 24	943.18	503.92	1.5278
1.064 91	939.05	525.11	1.5815	**125**	1.064 90	939.06	525.12	1.5815	**125**	1.064 87	939.08	525.16	1.5814
1.069 70	934.84	546.39	1.6346	**130**	1.069 69	934.85	546.40	1.6346	**130**	1.069 66	934.88	546.44	1.6346
653.30	1.5307	2730.2	7.0356	**135**	608.33	1.6438	2728.2	6.9998	**135**	1.074 63	930.56	567.77	1.6872
662.47	1.5095	2741.2	7.0624	**140**	616.97	1.6208	2739.4	7.0269	**140**	525.91	1.9015	2734.6	6.9465
671.56	1.4891	2752.1	7.0885	**145**	625.53	1.5986	2750.3	7.0533	**145**	533.41	1.8747	2745.9	6.9738
680.59	1.4693	2762.8	7.1140	**150**	634.01	1.5773	2761.2	7.0791	**150**	540.83	1.8490	2757.1	7.0003
689.55	1.4502	2773.5	7.1390	**155**	642.44	1.5566	2771.9	7.1044	**155**	548.18	1.8242	2768.1	7.0261
698.46	1.4317	2784.0	7.1636	**160**	650.81	1.5365	2782.6	7.1291	**160**	555.47	1.8003	2778.9	7.0514
707.33	1.4138	2794.5	7.1877	**165**	659.13	1.5171	2793.2	7.1534	**165**	562.72	1.7771	2789.7	7.0761
716.16	1.3963	2805.0	7.2114	**170**	667.42	1.4983	2803.7	7.1773	**170**	569.91	1.7547	2800.4	7.1004
724.94	1.3794	2815.4	7.2348	**175**	675.66	1.4800	2814.2	7.2008	**175**	577.07	1.7329	2811.1	7.1243
733.70	1.3630	2825.8	7.2578	**180**	683.87	1.4623	2824.6	7.2239	**180**	584.19	1.7118	2821.6	7.1477
742.42	1.3469	2836.1	7.2804	**185**	692.05	1.4450	2835.0	7.2467	**185**	591.28	1.6912	2832.1	7.1708
751.12	1.3313	2846.4	7.3028	**190**	700.20	1.4282	2845.3	7.2691	**190**	598.34	1.6713	2842.6	7.1935
759.79	1.3161	2856.6	7.3248	**195**	708.32	1.4118	2855.6	7.2913	**195**	605.37	1.6519	2853.0	7.2159
768.44	1.3013	2866.9	7.3465	**200**	716.42	1.3958	2865.9	7.3131	**200**	612.38	1.6330	2863.4	7.2380
785.67	1.2728	2887.3	7.3893	**210**	732.56	1.3651	2886.4	7.3560	**210**	626.33	1.5966	2884.1	7.2813
802.82	1.2456	2907.6	7.4310	**220**	748.62	1.3358	2906.8	7.3978	**220**	640.20	1.5620	2904.7	7.3235
819.92	1.2196	2928.0	7.4717	**230**	764.61	1.3078	2927.2	7.4387	**230**	654.00	1.5290	2925.2	7.3647
836.95	1.1948	2948.3	7.5117	**240**	780.55	1.2811	2947.5	7.4788	**240**	667.75	1.4976	2945.7	7.4050
853.94	1.1710	2968.5	7.5508	**250**	796.44	1.2556	2967.9	7.5180	**250**	681.45	1.4675	2966.2	7.4444
870.88	1.1483	2988.8	7.5892	**260**	812.29	1.2311	2988.2	7.5565	**260**	695.10	1.4386	2986.6	7.4831
887.79	1.1264	3009.1	7.6269	**270**	828.10	1.2076	3008.5	7.5943	**270**	708.72	1.4110	3007.0	7.5211
904.67	1.1054	3029.4	7.6640	**280**	843.88	1.1850	3028.8	7.6314	**280**	722.30	1.3845	3027.4	7.5583
921.51	1.0852	3049.7	7.7004	**290**	859.62	1.1633	3049.2	7.6678	**290**	735.85	1.3590	3047.9	7.5949

Compressed Water and Superheated Steam (continued)

0.40 MPa (t_s = 143.608 °C)					0.45 MPa (t_s = 147.903 °C)					0.50 MPa (t_s = 151.831 °C)			
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s
1.083 55	922.89	604.65	1.7765	t_s(L)	1.088 19	918.96	623.14	1.8205	t_s(L)	1.092 55	915.29	640.09	1.8604
462.38	2.1627	2738.1	6.8955	t_s(V)	413.90	2.4161	2743.4	6.8560	t_s(V)	374.81	2.6680	2748.1	6.8207
1.000 01	999.99	0.37	-0.000 13	**0**	0.999 98	1000.02	0.42	-0.000 12	**0**	0.999 95	1000.05	0.47	-0.000 12
0.999 89	1000.11	21.42	0.076 25	**5**	0.999 86	1000.14	21.47	0.076 25	**5**	0.999 84	1000.16	21.52	0.076 25
1.000 15	999.85	42.41	0.151 05	**10**	1.000 13	999.87	42.46	0.151 05	**10**	1.000 11	999.89	42.51	0.151 04
1.000 76	999.24	63.36	0.224 40	**15**	1.000 74	999.27	63.41	0.224 40	**15**	1.000 71	999.29	63.46	0.224 39
1.001 66	998.34	84.29	0.296 40	**20**	1.001 64	998.37	84.34	0.296 39	**20**	1.001 61	998.39	84.38	0.296 38
1.002 83	997.18	105.20	0.367 12	**25**	1.002 80	997.20	105.24	0.367 11	**25**	1.002 78	997.23	105.29	0.367 10
1.004 24	995.78	126.09	0.436 63	**30**	1.004 21	995.80	126.14	0.436 62	**30**	1.004 19	995.83	126.19	0.436 60
1.005 87	994.17	146.99	0.504 99	**35**	1.005 85	994.19	147.03	0.504 98	**35**	1.005 82	994.21	147.08	0.504 96
1.007 71	992.35	167.88	0.572 25	**40**	1.007 69	992.37	167.93	0.572 23	**40**	1.007 67	992.39	167.97	0.572 21
1.009 75	990.34	188.78	0.638 45	**45**	1.009 73	990.37	188.82	0.638 43	**45**	1.009 71	990.39	188.86	0.638 40
1.011 98	988.17	209.68	0.703 63	**50**	1.011 95	988.19	209.72	0.703 61	**50**	1.011 93	988.21	209.76	0.703 58
1.014 38	985.82	230.58	0.767 83	**55**	1.014 36	985.85	230.63	0.767 81	**55**	1.014 34	985.87	230.67	0.767 78
1.016 96	983.33	251.50	0.831 09	**60**	1.016 93	983.35	251.54	0.831 06	**60**	1.016 91	983.37	251.58	0.831 04
1.019 70	980.68	272.43	0.893 44	**65**	1.019 68	980.70	272.47	0.893 41	**65**	1.019 65	980.73	272.51	0.893 38
1.022 60	977.90	293.37	0.954 91	**70**	1.022 58	977.92	293.41	0.954 88	**70**	1.022 56	977.94	293.45	0.954 85
1.025 67	974.98	314.32	1.0155	**75**	1.025 64	975.00	314.36	1.0155	**75**	1.025 62	975.02	314.40	1.0155
1.028 89	971.92	335.29	1.0753	**80**	1.028 86	971.95	335.33	1.0753	**80**	1.028 84	971.97	335.37	1.0753
1.032 26	968.75	356.28	1.1344	**85**	1.032 24	968.77	356.32	1.1343	**85**	1.032 21	968.79	356.36	1.1343
1.035 79	965.45	377.29	1.1926	**90**	1.035 77	965.47	377.33	1.1926	**90**	1.035 74	965.49	377.37	1.1926
1.039 47	962.03	398.33	1.2502	**95**	1.039 45	962.05	398.37	1.2501	**95**	1.039 42	962.07	398.41	1.2501
1.043 31	958.49	419.39	1.3070	**100**	1.043 28	958.51	419.43	1.3069	**100**	1.043 26	958.54	419.47	1.3069
1.047 30	954.84	440.48	1.3631	**105**	1.047 27	954.86	440.52	1.3631	**105**	1.047 25	954.88	440.55	1.3630
1.051 44	951.07	461.60	1.4186	**110**	1.051 42	951.10	461.64	1.4186	**110**	1.051 39	951.12	461.67	1.4185
1.055 75	947.20	482.76	1.4735	**115**	1.055 72	947.22	482.79	1.4734	**115**	1.055 69	947.24	482.83	1.4734
1.060 21	943.21	503.95	1.5277	**120**	1.060 18	943.23	503.99	1.5277	**120**	1.060 16	943.26	504.02	1.5276
1.064 84	939.11	525.19	1.5814	**125**	1.064 81	939.13	525.22	1.5814	**125**	1.064 78	939.16	525.26	1.5813
1.069 63	934.90	546.47	1.6345	**130**	1.069 60	934.93	546.51	1.6345	**130**	1.069 57	934.95	546.54	1.6344
1.074 59	930.58	567.80	1.6871	**135**	1.074 56	930.61	567.84	1.6871	**135**	1.074 53	930.64	567.87	1.6870
1.079 73	926.16	589.19	1.7392	**140**	1.079 70	926.18	589.22	1.7391	**140**	1.079 67	926.21	589.25	1.7391
464.25	2.1540	2741.3	6.9033	**145**	1.085 02	921.64	610.66	1.7907	**145**	1.084 99	921.67	610.69	1.7907
470.88	2.1237	2752.8	6.9306	**150**	416.42	2.4014	2748.3	6.8678	**150**	1.090 49	917.02	632.19	1.8418
477.44	2.0945	2764.1	6.9571	**155**	422.37	2.3676	2759.9	6.8950	**155**	378.27	2.6436	2755.7	6.8384
483.93	2.0664	2775.2	6.9829	**160**	428.25	2.3351	2771.3	6.9215	**160**	383.66	2.6064	2767.4	6.8656
490.37	2.0393	2786.2	7.0081	**165**	434.06	2.3038	2782.6	6.9473	**165**	388.99	2.5708	2778.9	6.8919
496.76	2.0131	2797.1	7.0329	**170**	439.83	2.2736	2793.7	6.9725	**170**	394.26	2.5364	2790.2	6.9176
503.10	1.9877	2807.9	7.0571	**175**	445.55	2.2444	2804.7	6.9971	**175**	399.48	2.5033	2801.4	6.9427
509.41	1.9631	2818.6	7.0809	**180**	451.23	2.2162	2815.5	7.0213	**180**	404.66	2.4712	2812.4	6.9673
515.69	1.9392	2829.3	7.1043	**185**	456.87	2.1888	2826.4	7.0450	**185**	409.80	2.4402	2823.4	6.9913
521.93	1.9160	2839.9	7.1273	**190**	462.48	2.1623	2837.1	7.0683	**190**	414.91	2.4102	2834.3	7.0150
528.14	1.8934	2850.4	7.1500	**195**	468.06	2.1365	2847.8	7.0913	**195**	419.98	2.3811	2845.1	7.0382
534.33	1.8715	2860.9	7.1723	**200**	473.62	2.1114	2858.4	7.1138	**200**	425.03	2.3528	2855.8	7.0610
546.65	1.8293	2881.8	7.2160	**210**	484.66	2.0633	2879.5	7.1580	**210**	435.06	2.2986	2877.2	7.1056
558.88	1.7893	2902.6	7.2586	**220**	495.61	2.0177	2900.5	7.2009	**220**	445.00	2.2472	2898.3	7.1489
571.04	1.7512	2923.3	7.3001	**230**	506.50	1.9743	2921.3	7.2428	**230**	454.87	2.1984	2919.3	7.1911
583.14	1.7148	2943.9	7.3407	**240**	517.33	1.9330	2942.1	7.2836	**240**	464.67	2.1520	2940.2	7.2322
595.20	1.6801	2964.5	7.3804	**250**	528.11	1.8936	2962.8	7.3235	**250**	474.43	2.1078	2961.0	7.2724
607.20	1.6469	2985.0	7.4193	**260**	538.84	1.8559	2983.4	7.3626	**260**	484.14	2.0655	2981.8	7.3117
619.17	1.6151	3005.5	7.4574	**270**	549.53	1.8197	3004.0	7.4010	**270**	493.80	2.0251	3002.5	7.3502
631.11	1.5845	3026.0	7.4948	**280**	560.18	1.7851	3024.6	7.4385	**280**	503.44	1.9863	3023.2	7.3880
643.01	1.5552	3046.6	7.5316	**290**	570.81	1.7519	3045.2	7.4754	**290**	513.04	1.9492	3043.9	7.4250

Compressed Water and Superheated Steam (continued)

0.55 MPa (t_s = 155.456 °C)					0.60 MPa (t_s = 158.826 °C)					0.65 MPa (t_s = 161.980 °C)				
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s	t, °C
1.096 68	911.85	655.76	1.8970	t_s(L)	1.100 60	908.59	670.38	1.9308	t_s(L)	1.104 36	905.51	684.08	1.9623	t_s(L)
342.60	2.9189	2752.3	6.7886	t_s(V)	315.58	3.1687	2756.1	6.7592	t_s(V)	292.59	3.4177	2759.6	6.7322	t_s(V)
0.999 93	1000.07	0.52	-0.000 12	**0**	0.999 90	1000.10	0.57	-0.000 11	**0**	0.999 88	1000.12	0.62	-0.000 11	**0**
0.999 81	1000.19	21.57	0.076 24	**5**	0.999 79	1000.21	21.62	0.076 24	**5**	0.999 76	1000.24	21.67	0.076 24	**5**
1.000 08	999.92	42.56	0.151 04	**10**	1.000 06	999.94	42.61	0.151 03	**10**	1.000 04	999.96	42.65	0.151 03	**10**
1.000 69	999.31	63.51	0.224 38	**15**	1.000 67	999.34	63.55	0.224 37	**15**	1.000 64	999.36	63.60	0.224 37	**15**
1.001 59	998.41	84.43	0.296 37	**20**	1.001 57	998.44	84.48	0.296 36	**20**	1.001 54	998.46	84.52	0.296 35	**20**
1.002 76	997.25	105.34	0.367 08	**25**	1.002 73	997.27	105.38	0.367 07	**25**	1.002 71	997.30	105.43	0.367 06	**25**
1.004 17	995.85	126.23	0.436 59	**30**	1.004 15	995.87	126.28	0.436 57	**30**	1.004 12	995.89	126.32	0.436 56	**30**
1.005 80	994.23	147.12	0.504 94	**35**	1.005 78	994.25	147.17	0.504 92	**35**	1.005 76	994.28	147.21	0.504 91	**35**
1.007 64	992.41	168.01	0.572 19	**40**	1.007 62	992.44	168.06	0.572 17	**40**	1.007 60	992.46	168.10	0.572 15	**40**
1.009 68	990.41	188.91	0.638 38	**45**	1.009 66	990.43	188.95	0.638 36	**45**	1.009 64	990.45	188.99	0.638 34	**45**
1.011 91	988.23	209.81	0.703 56	**50**	1.011 89	988.25	209.85	0.703 54	**50**	1.011 86	988.27	209.89	0.703 51	**50**
1.014 31	985.89	230.71	0.767 76	**55**	1.014 29	985.91	230.75	0.767 73	**55**	1.014 27	985.93	230.80	0.767 71	**55**
1.016 89	983.39	251.63	0.831 01	**60**	1.016 87	983.41	251.67	0.830 98	**60**	1.016 84	983.44	251.71	0.830 96	**60**
1.019 63	980.75	272.55	0.893 36	**65**	1.019 61	980.77	272.59	0.893 33	**65**	1.019 58	980.79	272.63	0.893 30	**65**
1.022 53	977.96	293.49	0.954 82	**70**	1.022 51	977.98	293.53	0.954 79	**70**	1.022 49	978.01	293.57	0.954 76	**70**
1.025 60	975.04	314.44	1.0154	**75**	1.025 57	975.06	314.48	1.0154	**75**	1.025 55	975.09	314.52	1.0154	**75**
1.028 82	971.99	335.41	1.0752	**80**	1.028 79	972.01	335.45	1.0752	**80**	1.028 77	972.04	335.49	1.0752	**80**
1.032 19	968.81	356.40	1.1343	**85**	1.032 17	968.84	356.44	1.1342	**85**	1.032 14	968.86	356.48	1.1342	**85**
1.035 72	965.51	377.41	1.1925	**90**	1.035 69	965.54	377.45	1.1925	**90**	1.035 67	965.56	377.49	1.1924	**90**
1.039 40	962.10	398.44	1.2500	**95**	1.039 37	962.12	398.48	1.2500	**95**	1.039 35	962.14	398.52	1.2500	**95**
1.043 23	958.56	419.50	1.3069	**100**	1.043 21	958.58	419.54	1.3068	**100**	1.043 18	958.61	419.58	1.3068	**100**
1.047 22	954.91	440.59	1.3630	**105**	1.047 19	954.93	440.63	1.3630	**105**	1.047 17	954.96	440.67	1.3629	**105**
1.051 36	951.14	461.71	1.4185	**110**	1.051 34	951.17	461.75	1.4184	**110**	1.051 31	951.19	461.78	1.4184	**110**
1.055 67	947.27	482.87	1.4733	**115**	1.055 64	947.29	482.90	1.4733	**115**	1.055 61	947.32	482.94	1.4733	**115**
1.060 13	943.28	504.06	1.5276	**120**	1.060 10	943.31	504.09	1.5275	**120**	1.060 07	943.33	504.13	1.5275	**120**
1.064 75	939.19	525.29	1.5813	**125**	1.064 72	939.21	525.33	1.5812	**125**	1.064 69	939.24	525.36	1.5812	**125**
1.069 54	934.98	546.57	1.6344	**130**	1.069 51	935.01	546.61	1.6343	**130**	1.069 48	935.03	546.64	1.6343	**130**
1.074 50	930.66	567.90	1.6870	**135**	1.074 47	930.69	567.93	1.6869	**135**	1.074 44	930.72	567.97	1.6869	**135**
1.079 64	926.24	589.28	1.7390	**140**	1.079 61	926.26	589.32	1.7390	**140**	1.079 57	926.29	589.35	1.7389	**140**
1.084 95	921.70	610.72	1.7906	**145**	1.084 92	921.73	610.76	1.7905	**145**	1.084 89	921.75	610.79	1.7905	**145**
1.090 45	917.05	632.22	1.8417	**150**	1.090 42	917.08	632.26	1.8417	**150**	1.090 39	917.11	632.29	1.8416	**150**
1.096 15	912.29	653.79	1.8924	**155**	1.096 11	912.32	653.82	1.8923	**155**	1.096 08	912.35	653.85	1.8923	**155**
347.15	2.8806	2763.3	6.8140	**160**	316.68	3.1578	2759.0	6.7659	**160**	1.101 97	907.47	675.49	1.9425	**160**
352.08	2.8403	2775.1	6.8410	**165**	321.29	3.1124	2771.1	6.7937	**165**	295.21	3.3874	2767.1	6.7494	**165**
356.95	2.8015	2786.6	6.8673	**170**	325.83	3.0690	2783.0	6.8206	**170**	299.48	3.3391	2779.2	6.7769	**170**
361.77	2.7642	2798.0	6.8928	**175**	330.32	3.0274	2794.6	6.8466	**175**	303.69	3.2929	2791.1	6.8035	**175**
366.54	2.7282	2809.3	6.9178	**180**	334.75	2.9873	2806.0	6.8720	**180**	307.84	3.2484	2802.7	6.8293	**180**
371.27	2.6935	2820.4	6.9422	**185**	339.15	2.9486	2817.3	6.8968	**185**	311.95	3.2056	2814.2	6.8546	**185**
375.97	2.6598	2831.4	6.9662	**190**	343.50	2.9112	2828.5	6.9211	**190**	316.02	3.1643	2825.6	6.8792	**190**
380.63	2.6272	2842.4	6.9897	**195**	347.83	2.8750	2839.6	6.9449	**195**	320.06	3.1244	2836.8	6.9033	**195**
385.27	2.5956	2853.2	7.0128	**200**	352.12	2.8399	2850.6	6.9683	**200**	324.06	3.0858	2848.0	6.9270	**200**
394.47	2.5351	2874.8	7.0579	**210**	360.63	2.7729	2872.4	7.0139	**210**	331.99	3.0121	2870.0	6.9731	**210**
403.58	2.4778	2896.1	7.1016	**220**	369.05	2.7097	2893.9	7.0580	**220**	339.83	2.9426	2891.7	7.0176	**220**
412.61	2.4236	2917.3	7.1441	**230**	377.40	2.6497	2915.3	7.1008	**230**	347.59	2.8769	2913.2	7.0608	**230**
421.59	2.3720	2938.3	7.1855	**240**	385.68	2.5929	2936.5	7.1426	**240**	355.28	2.8146	2934.6	7.1028	**240**
430.51	2.3228	2959.3	7.2259	**250**	393.90	2.5387	2957.6	7.1832	**250**	362.92	2.7554	2955.8	7.1437	**250**
439.38	2.2759	2980.2	7.2655	**260**	402.08	2.4871	2978.5	7.2230	**260**	370.51	2.6990	2976.9	7.1837	**260**
448.21	2.2311	3001.0	7.3041	**270**	410.21	2.4378	2999.5	7.2619	**270**	378.06	2.6451	2997.9	7.2228	**270**
457.01	2.1882	3021.8	7.3421	**280**	418.31	2.3906	3020.3	7.3000	**280**	385.57	2.5936	3018.9	7.2611	**280**
465.77	2.1470	3042.5	7.3793	**290**	426.38	2.3453	3041.2	7.3373	**290**	393.05	2.5442	3039.8	7.2986	**290**

Compressed Water and Superheated Steam (continued)

0.70 MPa (t_s = 164.946 °C)					0.75 MPa (t_s = 167.749 °C)					0.80 MPa (t_s = 170.406 °C)				
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s	t, °C
1.107 96	902.56	697.00	1.9918	t_s(L)	1.111 43	899.74	709.24	2.0195	t_s(L)	1.114 78	897.04	720.86	2.0457	t_s(L)
272.77	3.6660	2762.8	6.7071	t_s(V)	255.51	3.9137	2765.6	6.6836	t_s(V)	240.34	4.1608	2768.3	6.6616	t_s(V)
0.999 85	1000.15	0.67	-0.000 11	**0**	0.999 83	1000.17	0.72	-0.000 10	**0**	0.999 80	1000.20	0.77	-0.000 10	**0**
0.999 74	1000.26	21.72	0.076 24	**5**	0.999 71	1000.29	21.77	0.076 24	**5**	0.999 69	1000.31	21.82	0.076 24	**5**
1.000 01	999.99	42.70	0.151 02	**10**	0.999 99	1000.01	42.75	0.151 02	**10**	0.999 96	1000.04	42.80	0.151 01	**10**
1.000 62	999.38	63.65	0.224 36	**15**	1.000 60	999.41	63.70	0.224 35	**15**	1.000 57	999.43	63.75	0.224 34	**15**
1.001 52	998.48	84.57	0.296 34	**20**	1.001 50	998.50	84.62	0.296 33	**20**	1.001 48	998.53	84.66	0.296 32	**20**
1.002 69	997.32	105.47	0.367 04	**25**	1.002 67	997.34	105.52	0.367 03	**25**	1.002 64	997.36	105.57	0.367 02	**25**
1.004 10	995.92	126.37	0.436 54	**30**	1.004 08	995.94	126.41	0.436 53	**30**	1.004 06	995.96	126.46	0.436 51	**30**
1.005 74	994.30	147.26	0.504 89	**35**	1.005 71	994.32	147.30	0.504 87	**35**	1.005 69	994.34	147.35	0.504 85	**35**
1.007 58	992.48	168.15	0.572 13	**40**	1.007 56	992.50	168.19	0.572 11	**40**	1.007 53	992.52	168.24	0.572 09	**40**
1.009 62	990.47	189.04	0.638 32	**45**	1.009 59	990.50	189.08	0.638 30	**45**	1.009 57	990.52	189.13	0.638 28	**45**
1.011 84	988.30	209.93	0.703 49	**50**	1.011 82	988.32	209.98	0.703 47	**50**	1.011 80	988.34	210.02	0.703 44	**50**
1.014 25	985.95	230.84	0.767 68	**55**	1.014 22	985.98	230.88	0.767 66	**55**	1.014 20	986.00	230.92	0.767 63	**55**
1.016 82	983.46	251.75	0.830 93	**60**	1.016 80	983.48	251.79	0.830 90	**60**	1.016 78	983.50	251.84	0.830 88	**60**
1.019 56	980.81	272.68	0.893 27	**65**	1.019 54	980.84	272.72	0.893 24	**65**	1.019 52	980.86	272.76	0.893 21	**65**
1.022 46	978.03	293.61	0.954 73	**70**	1.022 44	978.05	293.65	0.954 70	**70**	1.022 42	978.07	293.69	0.954 67	**70**
1.025 53	975.11	314.56	1.0153	**75**	1.025 50	975.13	314.60	1.0153	**75**	1.025 48	975.15	314.64	1.0153	**75**
1.028 74	972.06	335.53	1.0751	**80**	1.028 72	972.08	335.57	1.0751	**80**	1.028 70	972.10	335.61	1.0751	**80**
1.032 12	968.88	356.52	1.1342	**85**	1.032 09	968.90	356.56	1.1341	**85**	1.032 07	968.93	356.60	1.1341	**85**
1.035 64	965.58	377.53	1.1924	**90**	1.035 62	965.61	377.57	1.1924	**90**	1.035 59	965.63	377.60	1.1923	**90**
1.039 32	962.17	398.56	1.2499	**95**	1.039 30	962.19	398.60	1.2499	**95**	1.039 27	962.21	398.63	1.2499	**95**
1.043 16	958.63	419.62	1.3067	**100**	1.043 13	958.65	419.65	1.3067	**100**	1.043 10	958.68	419.69	1.3067	**100**
1.047 14	954.98	440.70	1.3629	**105**	1.047 12	955.00	440.74	1.3628	**105**	1.047 09	955.03	440.78	1.3628	**105**
1.051 28	951.22	461.82	1.4184	**110**	1.051 26	951.24	461.86	1.4183	**110**	1.051 23	951.27	461.89	1.4183	**110**
1.055 58	947.34	482.97	1.4732	**115**	1.055 56	947.37	483.01	1.4732	**115**	1.055 53	947.39	483.04	1.4731	**115**
1.060 04	943.36	504.16	1.5275	**120**	1.060 02	943.38	504.20	1.5274	**120**	1.059 99	943.41	504.23	1.5274	**120**
1.064 67	939.26	525.40	1.5811	**125**	1.064 64	939.29	525.43	1.5811	**125**	1.064 61	939.31	525.47	1.5810	**125**
1.069 45	935.06	546.67	1.6342	**130**	1.069 42	935.08	546.71	1.6342	**130**	1.069 39	935.11	546.74	1.6341	**130**
1.074 41	930.74	568.00	1.6868	**135**	1.074 38	930.77	568.03	1.6868	**135**	1.074 35	930.80	568.07	1.6867	**135**
1.079 54	926.32	589.38	1.7389	**140**	1.079 51	926.35	589.41	1.7388	**140**	1.079 48	926.37	589.45	1.7388	**140**
1.084 85	921.78	610.82	1.7904	**145**	1.084 82	921.81	610.85	1.7904	**145**	1.084 79	921.84	610.88	1.7903	**145**
1.090 35	917.14	632.32	1.8416	**150**	1.090 32	917.16	632.35	1.8415	**150**	1.090 28	917.19	632.38	1.8414	**150**
1.096 04	912.37	653.88	1.8922	**155**	1.096 01	912.40	653.91	1.8922	**155**	1.095 97	912.43	653.94	1.8921	**155**
1.101 93	907.50	675.52	1.9425	**160**	1.101 89	907.53	675.55	1.9424	**160**	1.101 86	907.56	675.58	1.9423	**160**
272.82	3.6654	2762.9	6.7074	**165**	1.107 99	902.54	697.26	1.9922	**165**	1.107 95	902.57	697.29	1.9922	**165**
276.87	3.6118	2775.4	6.7357	**170**	257.24	3.8874	2771.4	6.6966	**170**	1.114 26	897.46	719.09	2.0416	**170**
280.84	3.5607	2787.5	6.7629	**175**	261.02	3.8311	2783.8	6.7245	**175**	243.66	4.1041	2780.0	6.6879	**175**
284.76	3.5118	2799.4	6.7893	**180**	264.74	3.7774	2795.9	6.7514	**180**	247.20	4.0453	2792.4	6.7154	**180**
288.63	3.4647	2811.1	6.8149	**185**	268.40	3.7258	2807.8	6.7775	**185**	250.68	3.9891	2804.6	6.7420	**185**
292.45	3.4193	2822.6	6.8399	**190**	272.02	3.6763	2819.5	6.8029	**190**	254.12	3.9351	2816.5	6.7679	**190**
296.24	3.3756	2834.0	6.8644	**195**	275.60	3.6285	2831.1	6.8277	**195**	257.52	3.8832	2828.2	6.7930	**195**
300.00	3.3333	2845.3	6.8884	**200**	279.14	3.5824	2842.5	6.8520	**200**	260.88	3.8332	2839.7	6.8176	**200**
307.44	3.2527	2867.5	6.9349	**210**	286.15	3.4947	2865.0	6.8991	**210**	267.52	3.7381	2862.5	6.8653	**210**
314.78	3.1768	2889.5	6.9799	**220**	293.06	3.4123	2887.2	6.9445	**220**	274.05	3.6489	2884.9	6.9111	**220**
322.04	3.1052	2911.2	7.0234	**230**	299.89	3.3346	2909.1	6.9884	**230**	280.50	3.5650	2907.0	6.9554	**230**
329.23	3.0374	2932.7	7.0658	**240**	306.65	3.2611	2930.7	7.0311	**240**	286.88	3.4857	2928.8	6.9984	**240**
336.37	2.9729	2954.0	7.1070	**250**	313.35	3.1913	2952.2	7.0725	**250**	293.20	3.4106	2950.4	7.0401	**250**
343.45	2.9116	2975.2	7.1472	**260**	320.00	3.1250	2973.6	7.1130	**260**	299.47	3.3392	2971.9	7.0808	**260**
350.50	2.8531	2996.4	7.1865	**270**	326.61	3.0618	2994.8	7.1525	**270**	305.70	3.2712	2993.3	7.1205	**270**
357.50	2.7972	3017.5	7.2249	**280**	333.17	3.0014	3016.0	7.1911	**280**	311.89	3.2063	3014.5	7.1593	**280**
364.47	2.7437	3038.5	7.2625	**290**	339.71	2.9437	3037.1	7.2289	**290**	318.04	3.1443	3035.7	7.1973	**290**

Compressed Water and Superheated Steam (continued)

0.9 MPa (t_s = 175.350 °C)					1.0 MPa (t_s = 179.878 °C)					1.1 MPa (t_s = 184.062 °C)				
v	ρ	h	s	t, °C	v	ρ	h	s	t, °C	v	ρ	h	s	t, °C
1.121 18	891.92	742.56	2.0940	t_s(L)	1.127 23	887.13	762.52	2.1381	t_s(L)	1.132 99	882.62	781.03	2.1785	t_s(L)
214.89	4.6536	2773.0	6.6213	t_s(V)	194.36	5.1450	2777.1	6.5850	t_s(V)	177.45	5.6354	2780.6	6.5520	t_s(V)
0.999 75	1000.25	0.87	-0.000 09	**0**	0.999 70	1000.30	0.98	-0.000 09	**0**	0.999 65	1000.35	1.08	-0.000 08	**0**
0.999 64	1000.36	21.91	0.076 24	**5**	0.999 59	1000.41	22.01	0.076 24	**5**	0.999 54	1000.46	22.11	0.076 23	**5**
0.999 92	1000.08	42.90	0.151 01	**10**	0.999 87	1000.13	42.99	0.151 00	**10**	0.999 82	1000.18	43.09	0.150 99	**10**
1.000 53	999.48	63.84	0.224 33	**15**	1.000 48	999.52	63.94	0.224 31	**15**	1.000 43	999.57	64.03	0.224 30	**15**
1.001 43	998.57	84.76	0.296 30	**20**	1.001 38	998.62	84.85	0.296 28	**20**	1.001 34	998.66	84.95	0.296 26	**20**
1.002 60	997.41	105.66	0.366 99	**25**	1.002 55	997.45	105.75	0.366 97	**25**	1.002 51	997.50	105.84	0.366 94	**25**
1.004 01	996.01	126.55	0.436 48	**30**	1.003 97	996.05	126.64	0.436 45	**30**	1.003 92	996.09	126.73	0.436 42	**30**
1.005 65	994.39	147.44	0.504 82	**35**	1.005 60	994.43	147.53	0.504 78	**35**	1.005 56	994.47	147.62	0.504 75	**35**
1.007 49	992.57	168.32	0.572 05	**40**	1.007 44	992.61	168.41	0.572 02	**40**	1.007 40	992.65	168.50	0.571 98	**40**
1.009 53	990.56	189.21	0.638 23	**45**	1.009 48	990.61	189.30	0.638 19	**45**	1.009 44	990.65	189.39	0.638 15	**45**
1.011 75	988.38	210.11	0.703 40	**50**	1.011 71	988.43	210.19	0.703 35	**50**	1.011 66	988.47	210.28	0.703 30	**50**
1.014 16	986.04	231.01	0.767 58	**55**	1.014 11	986.09	231.09	0.767 53	**55**	1.014 07	986.13	231.18	0.767 48	**55**
1.016 73	983.54	251.92	0.830 82	**60**	1.016 69	983.59	252.00	0.830 77	**60**	1.016 64	983.63	252.09	0.830 72	**60**
1.019 47	980.90	272.84	0.893 16	**65**	1.019 43	980.95	272.92	0.893 10	**65**	1.019 38	980.99	273.01	0.893 05	**65**
1.022 37	978.12	293.78	0.954 61	**70**	1.022 33	978.16	293.86	0.954 55	**70**	1.022 28	978.21	293.94	0.954 49	**70**
1.025 43	975.20	314.72	1.0152	**75**	1.025 39	975.24	314.81	1.0152	**75**	1.025 34	975.29	314.89	1.0151	**75**
1.028 65	972.15	335.69	1.0750	**80**	1.028 60	972.19	335.77	1.0750	**80**	1.028 56	972.24	335.85	1.0749	**80**
1.032 02	968.97	356.68	1.1340	**85**	1.031 97	969.02	356.75	1.1340	**85**	1.031 92	969.06	356.83	1.1339	**85**
1.035 55	965.67	377.68	1.1923	**90**	1.035 50	965.72	377.76	1.1922	**90**	1.035 45	965.77	377.84	1.1921	**90**
1.039 22	962.26	398.71	1.2498	**95**	1.039 17	962.30	398.79	1.2497	**95**	1.039 12	962.35	398.86	1.2496	**95**
1.043 05	958.72	419.77	1.3066	**100**	1.043 00	958.77	419.84	1.3065	**100**	1.042 95	958.82	419.92	1.3064	**100**
1.047 04	955.08	440.85	1.3627	**105**	1.046 99	955.12	440.92	1.3626	**105**	1.046 93	955.17	441.00	1.3626	**105**
1.051 18	951.31	461.97	1.4182	**110**	1.051 12	951.36	462.04	1.4181	**110**	1.051 07	951.41	462.11	1.4180	**110**
1.055 47	947.44	483.12	1.4730	**115**	1.055 42	947.49	483.19	1.4729	**115**	1.055 37	947.54	483.26	1.4729	**115**
1.059 93	943.46	504.30	1.5273	**120**	1.059 87	943.51	504.38	1.5272	**120**	1.059 82	943.56	504.45	1.5271	**120**
1.064 55	939.36	525.53	1.5809	**125**	1.064 49	939.42	525.60	1.5808	**125**	1.064 43	939.47	525.67	1.5807	**125**
1.069 33	935.16	546.81	1.6340	**130**	1.069 27	935.21	546.88	1.6339	**130**	1.069 22	935.27	546.95	1.6338	**130**
1.074 29	930.85	568.13	1.6866	**135**	1.074 23	930.90	568.20	1.6865	**135**	1.074 17	930.96	568.27	1.6864	**135**
1.079 42	926.43	589.51	1.7387	**140**	1.079 35	926.48	589.58	1.7386	**140**	1.079 29	926.53	589.64	1.7384	**140**
1.084 72	921.89	610.94	1.7902	**145**	1.084 66	921.95	611.01	1.7901	**145**	1.084 59	922.00	611.07	1.7900	**145**
1.090 22	917.25	632.44	1.8413	**150**	1.090 15	917.31	632.50	1.8412	**150**	1.090 08	917.36	632.56	1.8411	**150**
1.095 90	912.49	654.00	1.8920	**155**	1.095 83	912.55	654.06	1.8919	**155**	1.095 76	912.61	654.12	1.8918	**155**
1.101 79	907.62	675.64	1.9422	**160**	1.101 71	907.68	675.70	1.9421	**160**	1.101 64	907.74	675.75	1.9420	**160**
1.107 88	902.63	697.35	1.9921	**165**	1.107 80	902.69	697.41	1.9919	**165**	1.107 73	902.75	697.46	1.9918	**165**
1.114 18	897.52	719.14	2.0415	**170**	1.114 10	897.58	719.20	2.0414	**170**	1.114 03	897.65	719.25	2.0413	**170**
1.120 72	892.29	741.02	2.0906	**175**	1.120 63	892.35	741.08	2.0905	**175**	1.120 55	892.42	741.13	2.0904	**175**
217.92	4.5888	2785.2	6.6482	**180**	194.44	5.1431	2777.4	6.5857	**180**	1.127 31	887.06	763.10	2.1391	**180**
221.12	4.5224	2797.8	6.6759	**185**	197.42	5.0653	2790.7	6.6148	**185**	177.97	5.6189	2783.2	6.5576	**185**
224.26	4.4590	2810.1	6.7027	**190**	200.34	4.9916	2803.5	6.6427	**190**	180.72	5.5336	2796.6	6.5868	**190**
227.36	4.3983	2822.2	6.7286	**195**	203.20	4.9212	2816.0	6.6695	**195**	183.40	5.4527	2809.6	6.6146	**195**
230.42	4.3399	2834.1	6.7539	**200**	206.02	4.8539	2828.3	6.6955	**200**	186.03	5.3755	2822.3	6.6415	**200**
236.44	4.2294	2857.4	6.8027	**210**	211.56	4.7268	2852.2	6.7456	**210**	191.18	5.2308	2846.8	6.6929	**210**
242.36	4.1262	2880.3	6.8495	**220**	216.98	4.6087	2875.5	6.7934	**220**	196.20	5.0968	2870.7	6.7417	**220**
248.18	4.0293	2902.7	6.8946	**230**	222.31	4.4983	2898.4	6.8393	**230**	201.13	4.9720	2894.0	6.7885	**230**
253.93	3.9380	2924.9	6.9382	**240**	227.56	4.3944	2920.9	6.8836	**240**	205.97	4.8551	2916.8	6.8335	**240**
259.62	3.8517	2946.8	6.9805	**250**	232.75	4.2965	2943.1	6.9265	**250**	210.75	4.7450	2939.4	6.8770	**250**
265.26	3.7699	2968.5	7.0216	**260**	237.88	4.2038	2965.1	6.9681	**260**	215.47	4.6411	2961.7	6.9192	**260**
270.85	3.6921	2990.1	7.0618	**270**	242.96	4.1159	2986.9	7.0087	**270**	220.14	4.5426	2983.7	6.9602	**270**
276.40	3.6179	3011.6	7.1009	**280**	248.01	4.0322	3008.6	7.0482	**280**	224.77	4.4490	3005.6	7.0001	**280**
281.92	3.5472	3033.0	7.1392	**290**	253.01	3.9524	3030.2	7.0868	**290**	229.36	4.3600	3027.4	7.0391	**290**