Saturated water (H2O)--Pressure table

		Spec. Volume		Internal energy		Enthalpy		Ent
kPa	deg-C	m^3/kg		kJ/kg		kJ/kg		kJ/k
Press.	Sat. temp.	Sat. liquid	Sat. vapor	Sat. liquid	Sat. vapor	Sat. liquid	Sat. vapor	Sat. liquid
p kPa	Tsat@p	v_f	v_g	u_f	u_g	h_f	h_g	s_f
0.6113	0.01	0.001000	206.14	0	2375.3	0.00	2501.4	0.0000
1.0	6.98	0.001000	129.21	29.3	2385.0	29.30	2514.2	0.1059
1.5	13.03	0.001001	87.98	54.71	2393.3	54.71	2525.3	0.1957
2.0	17.50	0.001001	67.00	73.48	2399.5	73.48	2533.5	0.2607
2.5	21.08	0.001002	54.25	88.48	2404.4	88.49	2540.0	0.3120
3.0	24.08	0.001003	45.67	101.04	2408.5	101.05	2545.5	0.3545
4.0	28.96	0.001004	34.80	121.45	2415.2	121.46	2554.4	0.4226
5.0	32.88	0.001005	28.19	137.81	2420.5	137.82	2561.5	0.4764
7.5	40.29	0.001008	19.24	168.78	2430.5	168.79	2574.8	0.5764
10	45.81	0.001010	14.67	191.82	2437.9	191.83	2584.7	0.6493
15	53.97	0.001014	10.02	225.92	2448.7	225.94	2599.1	0.7549
20	60.06	0.001017	7.649	251.38	2456.7	251.40	2609.7	0.8320
25	64.97	0.001020	6.204	271.9	2463.1	271.93	2618.2	0.8931
30	69.10	0.001022	5.229	289.2	2468.4	289.23	2625.3	0.9439
40	75.87	0.001027	3.993	317.53	2477.0	317.58	2636.8	1.0259
50	81.33	0.001030	3.240	340.44	2483.9	340.49	2645.9	1.0910
75	91.78	0.001037	2.217	384.31	2496.7	384.39	2663.0	1.2130
p MPa	Tsat@p	v_f	v_g	u_f	u_g	h_f	h_g	s_f
0.1	99.63	0.001043	1.694	417.36	2506.1	417.46	2675.5	1.3026
0.125	105.99	0.001048	1.3749	444.19	2513.5	444.32	2685.4	1.374
0.150	111.37	0.001053	1.1593	466.94	2519.7	467.11	2693.6	1.4336
0.175	116.06	0.001057	1.0036	486.8	2524.9	486.99	2700.6	1.4849
0.200	120.23	0.001061	0.8857	504.49	2529.5	504.7	2706.7	1.5301
0.225	124	0.001064	0.7933	520.47	2533.6	520.72	2712.1	1.5706
0.250	127.44	0.001067	0.7187	535.1	2537.2	535.37	2716.9	1.6072
0.275	130.6	0.00107	0.6573	548.59	2540.5	548.89	2721.3	1.6408
0.300	133.55	0.001073	0.6058	561.15	2543.6	561.47	2725.3	1.6718
0.325	136.3	0.001076	0.562	572.9	2546.4	573.25	2729	1.7006
0.350	138.88	0.001079	0.5243	583.95	2548.9	584.33	2732.4	1.7275
0.375	141.32	0.001081	0.4914	594.4	2551.3	594.81	2735.6	1.7528
0.40	143.63	0.001084	0.4625	604.31	2553.6	604.74	2738.6	1.7766
0.45	147.93	0.001088	0.414	622.77	2557.6	623.25	2743.9	1.8207
0.50	151.86	0.001093	0.3749	639.68	2561.2	640.23	2748.7	1.8607
0.55	155.48	0.001097	0.3427	655.32	2564.5	665.93	2753	1.8973
0.60	158.85	0.001101	0.3157	669.9	2567.4	670.56	2756.8	1.9312
0.65	162.01	0.001104	0.2927	683.56	2570.1	684.28	2760.3	1.9627
0.70	164.97	0.001108	0.2729	696.44	2572.5	697.22	2763.5	1.9922
0.75	167.78	0.001112	0.2556	708.64	2574.7	709.47	2766.4	2.02
0.80	170.43	0.001115	0.2404	720.22	2576.8	721.11	2769.1	2.0462
0.85	172.96	0.001118	0.227	731.27	2578.7	732.22	2771.6	2.071
0.90	175.38	0.001121	0.215	741.83	2580.5	742.83	2773.9	2.0946
0.95	177.69	0.001124	0.2042	751.95	2582.1	753.02	2776.1	2.1172

1.00	179.91	0.001127	0.19444	761.68	2583.6	762.81	2778.1	2.1387
1.10	184.09	0.001133	0.17753	780.09	2586.4	781.34	2871.7	2.1792
1.20	187.99	0.001139	0.16333	797.29	2588.8	798.65	2784.8	2.2166
1.30	191.64	0.001144	0.15125	813.44	2591.0	814.93	2787.6	2.2515
1.40	195.07	0.001149	0.14084	828.70	2592.8	830.30	2790.0	2.2842
1.50	198.32	0.001154	0.13177	843.16	2594.5	844.89	2792.2	2.3150
1.75	205.76	0.001166	0.11349	876.46	2597.8	878.50	2796.4	2.3851
2.00	212.42	0.001177	0.09963	906.44	2600.3	908.79	2799.5	2.4474
2.25	218.45	0.001187	0.08875	933.83	2602.0	936.49	2801.7	2.5035
2.50	223.99	0.001197	0.07998	959.11	2603.1	962.11	2803.1	2.5547
3.00	233.90	0.001217	0.06668	1004.78	2604.1	1008.42	2804.2	2.6457
3.50	242.60	0.001235	0.05707	1045.43	2603.7	1049.75	2803.4	2.7253
4	250.40	0.001252	0.04978	1082.31	2602.3	1087.31	2801.4	2.7964
5	263.99	0.001286	0.03944	1147.81	2597.1	1154.23	2794.3	2.9202
6	275.64	0.001319	0.03244	1205.44	2589.7	1213.35	2784.3	3.0267
7	285.88	0.001351	0.02737	1257.55	2580.5	1267.00	2772.1	3.1211
8	295.06	0.001384	0.02352	1305.57	2569.8	1316.64	2758.0	3.2068
9	303.40	0.001418	0.02048	1350.51	2557.8	1363.26	2742.1	3.2858
10	311.06	0.001452	0.018026	1393.04	2544.4	1407.56	2724.7	3.3596
11	318.15	0.001489	0.015987	1433.7	2529.8	1450.1	2705.6	3.4295
12	324.75	0.001527	0.014263	1473.0	2513.7	1491.3	2684.9	3.4962
13	330.93	0.001567	0.012780	1511.1	2496.1	1531.5	2662.2	3.5606
14	336.75	0.001611	0.011485	1548.6	2476.8	1571.1	2637.6	3.6232
15	342.24	0.001658	0.010337	1585.6	2455.5	1610.5	2610.5	3.6848
16	347.44	0.001711	0.009306	1622.7	2431.7	1650.1	2580.6	3.7461
17	352.37	0.001770	0.008364	1660.2	2405.0	1690.3	2547.2	3.8079
18	357.06	0.001840	0.007489	1698.9	2374.3	1732.0	2509.1	3.8715
19	361.54	0.001924	0.006657	1739.9	2338.1	1776.5	2464.5	3.9388
20	365.81	0.002036	0.005834	1785.6	2293.0	1826.3	2409.7	4.0139
21	369.89	0.002207	0.004952	1842.1	2230.6	1888.4	2334.6	4.1075
22	373.80	0.002742	0.003568	1961.9	2087.1	2022.2	2165.6	4.3110
22.09	374.14	0.003155	0.003155	2029.6	2029.6	2099.3	2099.3	4.4298
***p* MPa**	Tsat@p	v_f	v_g	u_f	u_g	h_f	h_g	s_f

Source: Adapted from J. H. Keenan, F. G. Keyes, P.G. Hill, and J.G. Moore, Steam Tables, Wiley, New