Acqua
Proprietà del liquido e del vapore saturo in funzione della temperatura

Temp.	Press.	Vol. Spec. (L)	Vol. Spec. (V)	E.Interna (L)	E.Interna(V)	Entalpia (L)	Entalpia (V)	Entropia (L)	Entropia (V)
T [C]	p [MPa]	v_f [m^3/kg]	v_g [m^3/kg]	u_f [kJ/kg]	u_g [kJ/kg]	h_f [kJ/kg]	h_g [kJ/kg]	s_f [kJ/kg K]	s_g [kJ/kg K]
0	0.001	1.000E-03	206.676	-0.04	2375.32	-0.04	2501.34	0.000	9.157
5	0.001	1.000E-03	147.401	20.97	2382.25	20.98	2510.55	0.076	9.027
10	0.001	1.000E-03	106.586	41.99	2389.16	41.99	2519.75	0.151	8.902
15	0.002	1.001E-03	78.084	62.98	2396.05	62.98	2528.92	0.224	8.782
20	0.002	1.002E-03	57.912	83.94	2402.92	83.94	2538.07	0.297	8.668
25	0.003	1.003E-03	43.454	104.86	2409.77	104.87	2547.18	0.367	8.559
30	0.004	1.004E-03	32.966	125.77	2416.59	125.77	2556.25	0.437	8.454
35	0.006	1.006E-03	25.273	146.66	2423.37	146.66	2565.29	0.505	8.354
40	0.007	1.008E-03	19.567	167.54	2430.12	167.54	2574.27	0.572	8.258
45	0.010	1.010E-03	15.292	188.42	2436.82	188.43	2583.20	0.639	8.166
50	0.012	1.012E-03	12.058	209.30	2443.48	209.31	2592.07	0.704	8.077
55	0.016	1.015E-03	9.588	230.19	2450.09	230.20	2600.87	0.768	7.992
60	0.020	1.017E-03	7.686	251.09	2456.64	251.11	2609.60	0.831	7.910
65	0.025	1.020E-03	6.208	272.00	2463.13	272.03	2618.26	0.893	7.832
70	0.031	1.023E-03	5.051	292.93	2469.56	292.96	2626.82	0.955	7.756
75	0.039	1.026E-03	4.138	313.88	2475.92	313.91	2635.30	1.015	7.683
80	0.047	1.029E-03	3.413	334.84	2482.21	334.89	2643.67	1.075	7.613
85	0.058	1.032E-03	2.832	355.82	2488.41	355.88	2651.95	1.134	7.545
90	0.070	1.036E-03	2.364	376.83	2494.54	376.90	2660.11	1.192	7.480
95	0.084	1.040E-03	1.984	397.86	2500.57	397.95	2668.15	1.250	7.416
100	0.101	1.044E-03	1.675	418.92	2506.52	419.02	2676.07	1.307	7.355
105	0.121	1.047E-03	1.421	440.01	2512.36	440.13	2683.85	1.363	7.296
110	0.143	1.052E-03	1.211	461.13	2518.11	461.28	2691.50	1.418	7.239
115	0.169	1.056E-03	1.038	482.29	2523.74	482.46	2698.99	1.473	7.184
120	0.198	1.060E-03	0.893	503.48	2529.26	503.69	2706.33	1.528	7.130
125	0.232	1.065E-03	0.771	524.72	2534.66	524.97	2713.50	1.581	7.078
130	0.270	1.070E-03	0.669	546.01	2539.93	546.30	2720.49	1.634	7.027
135	0.313	1.075E-03	0.583	567.34	2545.06	567.68	2727.29	1.687	6.978
140	0.361	1.080E-03	0.509	588.73	2550.05	589.12	2733.90	1.739	6.930
145	0.415	1.085E-03	0.447	610.17	2554.89	610.62	2740.30	1.791	6.884
150	0.475	1.090E-03	0.393	631.67	2559.57	632.19	2746.49	1.842	6.838
155	0.543	1.096E-03	0.347	653.23	2564.08	653.83	2752.44	1.892	6.794
160	0.617	1.102E-03	0.307	674.86	2568.42	675.54	2758.14	1.943	6.751
165	0.700	1.108E-03	0.273	696.55	2572.56	697.33	2763.59	1.992	6.708
170	0.791	1.114E-03	0.243	718.32	2576.51	719.20	2768.76	2.042	6.667
175	0.891	1.121E-03	0.217	740.16	2580.25	741.16	2773.65	2.091	6.626
180	1.001	1.127E-03	0.194	762.08	2583.76	763.21	2778.24	2.140	6.586
185	1.122	1.134E-03	0.174	784.09	2587.05	785.36	2782.51	2.188	6.547
190	1.253	1.141E-03	0.157	806.18	2590.08	807.61	2786.46	2.236	6.508
195	1.397	1.149E-03	0.141	828.36	2592.86	829.97	2790.05	2.283	6.470
200	1.552	1.156E-03	0.127	850.64	2595.38	852.44	2793.29	2.331	6.433
205	1.721	1.164E-03	0.115	873.03	2597.60	875.03	2796.14	2.378	6.396
210	1.905	1.173E-03	0.105	895.52	2599.54	897.75	2798.60	2.425	6.359
215	2.102	1.181E-03	0.095	918.13	2601.16	920.61	2800.64	2.471	6.323
220	2.316	1.190E-03	0.086	940.86	2602.45	943.62	2802.25	2.518	6.287
225	2.546	1.199E-03	0.079	963.72	2603.41	966.78	2803.41	2.564	6.251
230	2.793	1.209E-03	0.072	986.73	2604.01	990.10	2804.10	2.610	6.215
235	3.058	1.219E-03	0.065	1009.89	2604.23	1013.61	2804.29	2.656	6.180
240	3.342	1.229E-03	0.060	1033.20	2604.07	1037.31	2803.97	2.701	6.144
245	3.646	1.240E-03	0.055	1056.70	2603.51	1061.22	2803.12	2.747	6.109
250	3.970	1.251E-03	0.050	1080.38	2602.51	1085.35	2801.70	2.793	6.073
260	4.686	1.276E-03	0.042	1128.38	2599.16	1134.36	2797.08	2.884	6.002
270	5.496	1.302E-03	0.036	1177.35	2593.82	1184.50	2789.86	2.975	5.931
280	6.408	1.332E-03	0.030	1227.45	2586.27	1235.98	2779.75	3.067	5.858
290	7.433	1.366E-03	0.026	1278.90	2576.18	1289.05	2766.37	3.159	5.783
300	8.577	1.404E-03	0.022	1331.99	2563.15	1344.03	2749.19	3.253	5.705
310	9.853	1.447E-03	0.018	1387.05	2546.60	1401.31	2727.52	3.349	5.623
320	11.270	1.499E-03	0.015	1444.57	2525.70	1461.47	2700.36	3.448	5.537
330	12.842	1.561E-03	0.013	1505.27	2499.16	1525.31	2666.17	3.551	5.442
340	14.581	1.638E-03	0.011	1570.31	2464.90	1594.19	2622.47	3.659	5.336
350	16.506	1.740E-03	0.009	1641.90	2419.07	1670.62	2564.77	3.778	5.213
360	18.640	1.893E-03	0.007	1725.43	2352.98	1760.72	2482.85	3.915	5.056
370	21.017	2.217E-03	0.005	1844.87	2232.27	1891.47	2336.60	4.112	4.804

Acqua
Proprietà del liquido e del vapore saturo in funzione della pressione

Press.	Temp.	Vol. Spec. (L)	Vol. Spec. (V)	E.Interna (L)	E.Interna (V)	Entalpia (L)	Entalpia (V)	Entropia (L)	Entropia (V)
p [MPa]	T [C]	v_f [m^3/kg]	v_g [m^3/kg]	u_f [kJ/kg]	u_g [kJ/kg]	h_f [kJ/kg]	h_g [kJ/kg]	s_f [kJ/kg K]	s_g [kJ/kg K]
0.00061	0.01	1.000E-03	206.58	-0.02	2375.33	-0.01	2501.35	0.000	9.157
0.0007	1.92	1.000E-03	181.27	8.00	2377.98	8.01	2504.87	0.029	9.107
0.0008	3.80	1.000E-03	159.69	15.91	2380.58	15.91	2508.33	0.058	9.058
0.0010	7.01	1.000E-03	129.22	29.41	2385.02	29.41	2514.24	0.106	8.976
0.0015	13.06	1.001E-03	87.99	54.83	2393.37	54.83	2525.36	0.196	8.828
0.0020	17.53	1.001E-03	67.01	73.60	2399.54	73.61	2533.56	0.261	8.724
0.0025	21.12	1.002E-03	54.26	88.61	2404.45	88.62	2540.10	0.312	8.643
0.0030	24.12	1.003E-03	45.67	101.18	2408.57	101.18	2545.58	0.355	8.578
0.0035	26.71	1.003E-03	39.48	112.03	2412.11	112.03	2550.29	0.391	8.523
0.0040	29.00	1.004E-03	34.80	121.60	2415.23	121.60	2554.45	0.423	8.475
0.0050	32.92	1.005E-03	28.20	137.96	2420.55	137.96	2561.53	0.477	8.395
0.0075	40.34	1.008E-03	19.24	168.94	2430.57	168.94	2574.87	0.577	8.252
0.010	45.85	1.010E-03	14.68	191.98	2437.96	191.99	2584.72	0.650	8.150
0.015	54.02	1.014E-03	10.02	226.08	2448.80	226.10	2599.15	0.755	8.009
0.020	60.11	1.017E-03	7.650	251.54	2456.78	251.56	2609.79	0.832	7.909
0.030	69.15	1.022E-03	5.230	289.35	2468.47	289.38	2625.36	0.944	7.769
0.040	75.91	1.026E-03	3.994	317.68	2477.07	317.72	2636.83	1.026	7.670
0.050	81.37	1.030E-03	3.241	340.58	2483.91	340.63	2645.95	1.091	7.594
0.060	85.98	1.033E-03	2.732	359.93	2489.62	359.99	2653.55	1.146	7.532
0.070	89.98	1.036E-03	2.365	376.76	2494.52	376.83	2660.08	1.192	7.480
0.080	93.54	1.039E-03	2.087	391.71	2498.82	391.79	2665.81	1.233	7.435
0.090	96.74	1.041E-03	1.870	405.18	2502.65	405.28	2670.92	1.270	7.395
0.100	99.66	1.043E-03	1.694	417.48	2506.12	417.58	2675.53	1.303	7.360
0.150	111.40	1.053E-03	1.159	467.06	2519.70	467.22	2693.61	1.434	7.223
0.200	120.26	1.061E-03	0.886	504.61	2529.55	504.82	2706.71	1.530	7.127
0.300	133.58	1.073E-03	0.606	561.27	2543.62	561.59	2725.38	1.672	6.992
0.400	143.67	1.084E-03	0.463	604.45	2553.62	604.88	2738.62	1.777	6.896
0.500	151.89	1.093E-03	0.375	639.82	2561.30	640.37	2748.77	1.861	6.821
0.600	158.89	1.101E-03	0.316	670.05	2567.47	670.71	2756.90	1.932	6.760
0.700	165.01	1.108E-03	0.273	696.60	2572.57	697.38	2763.60	1.993	6.708
0.800	170.47	1.115E-03	0.240	720.39	2576.87	721.28	2769.24	2.047	6.663
0.900	175.42	1.121E-03	0.215	742.00	2580.55	743.01	2774.05	2.095	6.623
1.000	179.95	1.127E-03	0.194	761.86	2583.73	762.99	2778.20	2.139	6.587
1.200	188.03	1.139E-03	0.163	797.47	2588.92	798.84	2784.95	2.217	6.524
1.400	195.12	1.149E-03	0.141	828.88	2592.93	830.49	2790.13	2.285	6.469
1.600	201.45	1.159E-03	0.124	857.13	2596.05	858.98	2794.16	2.345	6.422
1.800	207.19	1.168E-03	0.110	882.88	2598.49	884.99	2797.27	2.399	6.380
2.000	212.46	1.177E-03	0.100	906.63	2600.37	908.99	2799.66	2.448	6.341
2.500	224.04	1.197E-03	0.080	959.31	2603.25	962.30	2803.22	2.555	6.258
3.000	233.94	1.217E-03	0.067	1004.97	2604.22	1008.62	2804.29	2.646	6.187
3.500	242.65	1.235E-03	0.057	1045.61	2603.83	1049.93	2803.59	2.726	6.126
4.000	250.44	1.252E-03	0.050	1082.49	2602.40	1087.50	2801.55	2.797	6.070
4.500	257.52	1.269E-03	0.044	1116.42	2600.17	1122.13	2798.46	2.861	6.020
5.000	264.03	1.286E-03	0.039	1147.98	2597.26	1154.41	2794.50	2.920	5.974
5.500	270.05	1.302E-03	0.036	1177.60	2593.79	1184.77	2789.82	2.975	5.930
6.000	275.67	1.319E-03	0.032	1205.61	2589.83	1213.52	2784.51	3.027	5.889
7.000	285.91	1.351E-03	0.027	1257.70	2580.63	1267.16	2772.26	3.121	5.814
8.000	295.09	1.384E-03	0.024	1305.72	2569.94	1316.79	2758.13	3.207	5.743
9.000	303.43	1.418E-03	0.020	1350.64	2557.91	1363.40	2742.30	3.286	5.677
10.000	311.09	1.453E-03	0.018	1393.17	2544.56	1407.69	2724.86	3.360	5.614
11.000	318.17	1.489E-03	0.016	1433.84	2529.90	1450.21	2705.80	3.430	5.553
12.000	324.77	1.527E-03	0.014	1473.08	2513.85	1491.40	2685.04	3.496	5.493
13.000	330.95	1.567E-03	0.013	1511.26	2496.27	1531.63	2662.46	3.561	5.433
14.000	336.77	1.611E-03	0.011	1548.72	2476.99	1571.28	2637.84	3.623	5.372
15.000	342.26	1.658E-03	0.010	1585.82	2455.73	1610.70	2610.87	3.685	5.310
16.000	347.47	1.711E-03	0.009	1622.94	2432.11	1650.32	2581.11	3.746	5.246
17.000	352.41	1.771E-03	0.008	1660.58	2405.54	1690.68	2547.88	3.808	5.179
18.000	357.11	1.841E-03	0.008	1699.43	2375.13	1732.56	2510.15	3.872	5.106
19.000	361.59	1.926E-03	0.007	1740.66	2339.31	1777.26	2466.08	3.940	5.025
20.000	365.86	2.039E-03	0.006	1786.59	2294.93	1827.37	2412.02	4.016	4.930
21.000	369.93	2.213E-03	0.005	1843.67	2233.62	1890.14	2338.21	4.110	4.807
22.000	373.80	2.766E-03	0.004	1966.01	2094.87	2026.85	2174.63	4.318	4.547

Acqua: Liquido compresso e vapore surriscaldato.

H2O	*p* = 0.01	[MPa]	Tsat =	45.9 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	1.000E-03	-0.04	-0.03	0.000
25	1.003E-03	104.86	104.87	0.367
50	1.487E+01	2443.88	2592.57	8.175
75	1.603E+01	2479.62	2639.96	8.316
100	1.720E+01	2515.51	2687.46	8.448
120	1.812E+01	2544.35	2725.58	8.547
150	1.951E+01	2587.87	2782.99	8.688
170	2.044E+01	2617.09	2821.47	8.777
200	2.183E+01	2661.28	2879.53	8.904
250	2.414E+01	2735.96	2977.32	9.100
300	2.645E+01	2812.07	3076.52	9.281
350	2.875E+01	2889.69	3177.23	9.450
400	3.106E+01	2968.90	3279.52	9.608
450	3.337E+01	3049.75	3383.45	9.757
500	3.568E+01	3132.27	3489.06	9.898
550	3.799E+01	3216.50	3596.37	10.032
600	4.029E+01	3302.46	3705.41	10.161
650	4.260E+01	3390.17	3816.20	10.284
700	4.491E+01	3479.64	3928.75	10.403
800	4.953E+01	3663.86	4159.12	10.628

H2O	*p* = 0.05	[MPa]	Tsat =	81.4 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	1.000E-03	-0.04	0.01	0.000
25	1.003E-03	104.86	104.91	0.367
50	1.012E-03	209.29	209.34	0.704
75	1.026E-03	313.87	313.92	1.015
100	3.418E+00	2511.61	2682.53	7.695
120	3.608E+00	2541.24	2721.62	7.797
150	3.889E+00	2585.62	2780.08	7.940
170	4.076E+00	2615.24	2819.06	8.030
200	4.356E+00	2659.85	2877.65	8.158
250	4.820E+00	2734.98	2976.00	8.356
300	5.284E+00	2811.33	3075.53	8.537
350	5.747E+00	2889.12	3176.46	8.706
400	6.209E+00	2968.44	3278.90	8.864
450	6.672E+00	3049.37	3382.94	9.013
500	7.134E+00	3131.95	3488.63	9.155
550	7.596E+00	3216.23	3596.01	9.289
600	8.057E+00	3302.23	3705.11	9.418
650	8.519E+00	3389.98	3815.94	9.541
700	8.981E+00	3479.47	3928.52	9.660
800	9.904E+00	3663.72	4158.95	9.885

H2O	*p* = 0.1	[MPa]	Tsat =	99.7 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	1.000E-03	-0.04	0.06	0.000
25	1.003E-03	104.86	104.96	0.367
50	1.012E-03	209.29	209.39	0.704
75	1.026E-03	313.86	313.96	1.015
100	1.696E+00	2506.64	2676.22	7.361
120	1.793E+00	2537.29	2716.58	7.467
150	1.936E+00	2582.75	2776.39	7.613
170	2.031E+00	2612.89	2816.00	7.705
200	2.172E+00	2658.05	2875.28	7.834
250	2.406E+00	2733.74	2974.34	8.033
300	2.639E+00	2810.41	3074.29	8.216
350	2.871E+00	2888.40	3175.49	8.385
400	3.103E+00	2967.86	3278.12	8.543
450	3.334E+00	3048.89	3382.30	8.693
500	3.565E+00	3131.55	3488.10	8.834
550	3.797E+00	3215.90	3595.57	8.969
600	4.028E+00	3301.95	3704.73	9.098
650	4.259E+00	3389.73	3815.62	9.221
700	4.490E+00	3479.26	3928.24	9.340
800	4.952E+00	3663.55	4158.73	9.565

H2O	*p* = 0.2	[MPa]	Tsat =	120.3 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	1.000E-03	-0.04	0.16	0.000
25	1.003E-03	104.85	105.05	0.367
50	1.012E-03	209.27	209.47	0.704
75	1.026E-03	313.84	314.05	1.015
100	1.043E-03	418.89	419.10	1.307
120	1.060E-03	503.48	503.69	1.528
150	9.596E-01	2576.88	2768.81	7.279
170	1.008E+00	2608.09	2809.75	7.374
200	1.080E+00	2654.40	2870.47	7.507
250	1.199E+00	2731.23	2970.99	7.709
300	1.316E+00	2808.56	3071.80	7.893
350	1.433E+00	2886.96	3173.54	8.063
400	1.549E+00	2966.70	3276.56	8.222
450	1.665E+00	3047.94	3381.02	8.371
500	1.781E+00	3130.76	3487.04	8.513
550	1.897E+00	3215.23	3594.67	8.648
600	2.013E+00	3301.38	3703.97	8.777
650	2.129E+00	3389.24	3814.97	8.901
700	2.244E+00	3478.83	3927.68	9.019
800	2.475E+00	3663.21	4158.29	9.245

H2O	*p* = 0.3	[MPa]	Tsat =	133.6 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	1.000E-03	-0.04	0.26	0.000
25	1.003E-03	104.84	105.14	0.367
50	1.012E-03	209.25	209.56	0.704
75	1.026E-03	313.82	314.13	1.015
100	1.043E-03	418.86	419.17	1.307
120	1.060E-03	503.45	503.76	1.527
150	6.339E-01	2570.80	2760.96	7.078
170	6.673E-01	2603.14	2803.32	7.176
200	7.163E-01	2650.66	2865.55	7.312
250	7.964E-01	2728.69	2967.60	7.517
300	8.753E-01	2806.70	3069.28	7.702
350	9.536E-01	2885.51	3171.59	7.873
400	1.032E+00	2965.54	3274.99	8.033
450	1.109E+00	3046.98	3379.74	8.183
500	1.187E+00	3129.96	3485.97	8.325
550	1.264E+00	3214.55	3593.78	8.460
600	1.341E+00	3300.80	3703.21	8.589
650	1.419E+00	3388.74	3814.32	8.713
700	1.496E+00	3478.40	3927.12	8.832
800	1.650E+00	3662.87	4157.86	9.058

H2O	*p* = 0.4	[MPa]	Tsat =	143.7 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	1.000E-03	-0.04	0.36	0.000
25	1.003E-03	104.83	105.24	0.367
50	1.012E-03	209.24	209.64	0.704
75	1.026E-03	313.80	314.21	1.015
100	1.043E-03	418.83	419.25	1.307
120	1.060E-03	503.41	503.83	1.527
150	4.708E-01	2564.49	2752.82	6.930
170	4.966E-01	2598.05	2796.70	7.031
200	5.342E-01	2646.83	2860.52	7.171
250	5.951E-01	2726.12	2964.17	7.379
300	6.548E-01	2804.82	3066.75	7.566
350	7.139E-01	2884.06	3169.63	7.738
400	7.726E-01	2964.37	3273.42	7.898
450	8.311E-01	3046.02	3378.45	8.049
500	8.893E-01	3129.17	3484.90	8.191
550	9.475E-01	3213.88	3592.88	8.327
600	1.006E+00	3300.23	3702.45	8.456
650	1.064E+00	3388.25	3813.66	8.580
700	1.121E+00	3477.96	3926.55	8.699
800	1.237E+00	3662.53	4157.42	8.924

H2O	*p* = 0.5	[MPa]	Tsat =	151.9 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	1.000E-03	-0.04	0.46	0.000
25	1.003E-03	104.83	105.33	0.367
50	1.012E-03	209.22	209.73	0.703
75	1.026E-03	313.77	314.29	1.015
100	1.043E-03	418.80	419.32	1.306
120	1.060E-03	503.38	503.91	1.527
150	1.090E-03	631.66	632.20	1.842
170	3.942E-01	2592.79	2789.87	6.916
200	4.249E-01	2642.92	2855.38	7.059
250	4.744E-01	2723.51	2960.69	7.271
300	5.226E-01	2802.92	3064.20	7.460
350	5.701E-01	2882.60	3167.65	7.633
400	6.173E-01	2963.20	3271.84	7.794
450	6.642E-01	3045.06	3377.16	7.945
500	7.109E-01	3128.37	3483.83	8.087
550	7.575E-01	3213.21	3591.98	8.223
600	8.041E-01	3299.66	3701.69	8.352
650	8.505E-01	3387.75	3813.01	8.476
700	8.969E-01	3477.53	3925.99	8.595
800	9.896E-01	3662.19	4156.98	8.821

H2O	*p* = 0.6	[MPa]	Tsat =	158.9 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.999E-04	-0.03	0.57	0.000
25	1.003E-03	104.82	105.42	0.367
50	1.012E-03	209.21	209.82	0.703
75	1.026E-03	313.75	314.37	1.015
100	1.043E-03	418.77	419.40	1.306
120	1.060E-03	503.34	503.98	1.527
150	1.090E-03	631.61	632.26	1.842
170	3.258E-01	2587.37	2782.83	6.819
200	3.520E-01	2638.92	2850.13	6.966
250	3.938E-01	2720.87	2957.17	7.182
300	4.344E-01	2801.01	3061.64	7.372
350	4.742E-01	2881.13	3165.67	7.546
400	5.137E-01	2962.03	3270.26	7.708
450	5.529E-01	3044.10	3375.87	7.859
500	5.920E-01	3127.57	3482.76	8.002
550	6.309E-01	3212.53	3591.08	8.138
600	6.697E-01	3299.08	3700.93	8.267
650	7.085E-01	3387.26	3812.36	8.391
700	7.472E-01	3477.10	3925.42	8.511
800	8.245E-01	3661.85	4156.55	8.737

H2O	*p* = 0.8	[MPa]	Tsat =	170.5 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.998E-04	-0.03	0.77	0.000
25	1.003E-03	104.80	105.61	0.367
50	1.012E-03	209.18	209.99	0.703
75	1.026E-03	313.71	314.53	1.015
100	1.043E-03	418.71	419.55	1.306
120	1.060E-03	503.27	504.12	1.527
150	1.090E-03	631.51	632.39	1.841
170	1.114E-03	718.31	719.21	2.042
200	2.608E-01	2630.62	2839.26	6.816
250	2.931E-01	2715.47	2949.98	7.038
300	3.241E-01	2797.15	3056.44	7.233
350	3.544E-01	2878.17	3161.69	7.409
400	3.843E-01	2959.67	3267.08	7.572
450	4.139E-01	3042.17	3373.28	7.724
500	4.433E-01	3125.96	3480.61	7.867
550	4.726E-01	3211.18	3589.28	8.003
600	5.018E-01	3297.93	3699.40	8.133
650	5.310E-01	3386.27	3811.05	8.258
700	5.601E-01	3476.24	3924.29	8.377
800	6.181E-01	3661.17	4155.67	8.603

H2O	*p* = 1.0	[MPa]	Tsat =	180.0 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.997E-04	-0.03	0.97	0.000
25	1.002E-03	104.79	105.79	0.367
50	1.012E-03	209.15	210.16	0.703
75	1.025E-03	313.67	314.69	1.015
100	1.043E-03	418.66	419.70	1.306
120	1.060E-03	503.20	504.26	1.527
150	1.090E-03	631.42	632.51	1.841
170	1.114E-03	718.20	719.31	2.042
200	2.060E-01	2621.91	2827.86	6.694
250	2.327E-01	2709.92	2942.60	6.925
300	2.579E-01	2793.22	3051.16	7.123
350	2.825E-01	2875.19	3157.66	7.301
400	3.066E-01	2957.30	3263.89	7.465
450	3.304E-01	3040.24	3370.67	7.618
500	3.541E-01	3124.35	3478.46	7.762
550	3.776E-01	3209.82	3587.47	7.899
600	4.011E-01	3296.77	3697.87	8.029
650	4.245E-01	3385.27	3809.74	8.154
700	4.478E-01	3475.37	3923.16	8.273
800	4.943E-01	3660.48	4154.80	8.500

H2O	*p* = 1.2	[MPa]	Tsat =	188.0 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.996E-04	-0.02	1.17	0.000
25	1.002E-03	104.77	105.98	0.367
50	1.012E-03	209.12	210.33	0.703
75	1.025E-03	313.62	314.85	1.015
100	1.043E-03	418.60	419.85	1.306
120	1.060E-03	503.13	504.40	1.527
150	1.090E-03	631.33	632.63	1.841
170	1.114E-03	718.09	719.42	2.041
200	1.693E-01	2612.75	2815.91	6.590
250	1.923E-01	2704.21	2935.02	6.829
300	2.138E-01	2789.23	3045.81	7.032
350	2.345E-01	2872.17	3153.60	7.212
400	2.548E-01	2954.91	3260.67	7.377
450	2.748E-01	3038.29	3368.06	7.531
500	2.946E-01	3122.73	3476.29	7.676
550	3.143E-01	3208.46	3585.66	7.813
600	3.339E-01	3295.61	3696.33	7.943
650	3.535E-01	3384.27	3808.43	8.068
700	3.729E-01	3474.50	3922.02	8.188
800	4.118E-01	3659.80	4153.92	8.415

H2O	*p* = 1.4	[MPa]	Tsat =	195.1 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.995E-04	-0.02	1.38	0.000
25	1.002E-03	104.76	106.16	0.367
50	1.012E-03	209.09	210.51	0.703
75	1.025E-03	313.58	315.01	1.015
100	1.043E-03	418.54	420.00	1.306
120	1.060E-03	503.06	504.54	1.526
150	1.090E-03	631.23	632.76	1.841
170	1.114E-03	717.97	719.53	2.041
200	1.430E-01	2603.09	2803.33	6.498
250	1.635E-01	2698.32	2927.23	6.747
300	1.823E-01	2785.17	3040.36	6.953
350	2.003E-01	2869.13	3149.50	7.136
400	2.178E-01	2952.51	3257.44	7.303
450	2.351E-01	3036.34	3365.43	7.457
500	2.521E-01	3121.11	3474.12	7.603
550	2.691E-01	3207.10	3583.84	7.740
600	2.860E-01	3294.45	3694.79	7.871
650	3.027E-01	3383.27	3807.11	7.996
700	3.195E-01	3473.63	3920.89	8.116
800	3.528E-01	3659.11	4153.05	8.343

H2O	*p* = 1.6	[MPa]	Tsat =	201.5 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.994E-04	-0.02	1.58	0.000
25	1.002E-03	104.74	106.35	0.367
50	1.011E-03	209.06	210.68	0.703
75	1.025E-03	313.53	315.17	1.014
100	1.043E-03	418.48	420.15	1.306
120	1.060E-03	502.98	504.68	1.526
150	1.090E-03	631.14	632.88	1.840
170	1.114E-03	717.86	719.64	2.041
200	1.156E-03	850.61	852.46	2.331
250	1.418E-01	2692.27	2919.21	6.673
300	1.586E-01	2781.04	3034.83	6.884
350	1.746E-01	2866.06	3145.36	7.069
400	1.901E-01	2950.10	3254.18	7.237
450	2.053E-01	3034.38	3362.80	7.393
500	2.203E-01	3119.48	3471.94	7.539
550	2.352E-01	3205.73	3582.02	7.677
600	2.500E-01	3293.29	3693.25	7.808
650	2.647E-01	3382.27	3805.79	7.933
700	2.794E-01	3472.76	3919.75	8.054
800	3.086E-01	3658.42	4152.17	8.281

H2O	*p* = 1.8	[MPa]	Tsat =	207.2 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.993E-04	-0.02	1.78	0.000
25	1.002E-03	104.73	106.53	0.367
50	1.011E-03	209.03	210.85	0.703
75	1.025E-03	313.49	315.34	1.014
100	1.043E-03	418.42	420.30	1.305
120	1.059E-03	502.91	504.82	1.526
150	1.090E-03	631.04	633.00	1.840
170	1.113E-03	717.75	719.75	2.041
200	1.156E-03	850.46	852.54	2.330
250	1.250E-01	2686.03	2910.97	6.607
300	1.402E-01	2776.84	3029.22	6.823
350	1.546E-01	2862.96	3141.19	7.010
400	1.685E-01	2947.67	3250.91	7.179
450	1.821E-01	3032.41	3360.15	7.336
500	1.955E-01	3117.85	3469.76	7.482
550	2.088E-01	3204.36	3580.19	7.621
600	2.220E-01	3292.12	3691.70	7.752
650	2.351E-01	3381.27	3804.47	7.878
700	2.482E-01	3471.89	3918.61	7.998
800	2.742E-01	3657.74	4151.29	8.226

H2O	*p* = 2.0	[MPa]	Tsat =	212.5 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.992E-04	-0.01	1.99	0.000
25	1.002E-03	104.71	106.72	0.367
50	1.011E-03	209.00	211.02	0.703
75	1.025E-03	313.45	315.50	1.014
100	1.043E-03	418.37	420.45	1.305
120	1.059E-03	502.84	504.96	1.526
150	1.089E-03	630.95	633.13	1.840
170	1.113E-03	717.63	719.86	2.040
200	1.156E-03	850.31	852.62	2.330
250	1.114E-01	2679.59	2902.47	6.545
300	1.255E-01	2772.57	3023.51	6.766
350	1.386E-01	2859.82	3136.97	6.956
400	1.512E-01	2945.22	3247.61	7.127
450	1.635E-01	3030.43	3357.49	7.284
500	1.757E-01	3116.21	3467.56	7.432
550	1.877E-01	3202.98	3578.35	7.571
600	1.996E-01	3290.95	3690.15	7.702
650	2.114E-01	3380.26	3803.15	7.828
700	2.232E-01	3471.01	3917.47	7.949
800	2.467E-01	3657.05	4150.42	8.177

H2O	*p* = 2.5	[MPa]	Tsat =	224.0 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.990E-04	-0.01	2.49	0.000
25	1.002E-03	104.67	107.18	0.367
50	1.011E-03	208.92	211.45	0.703
75	1.025E-03	313.34	315.90	1.014
100	1.042E-03	418.22	420.83	1.305
120	1.059E-03	502.67	505.31	1.525
150	1.089E-03	630.72	633.44	1.839
170	1.113E-03	717.35	720.14	2.040
200	1.156E-03	849.94	852.82	2.329
250	8.700E-02	2662.56	2880.07	6.408
300	9.890E-02	2761.57	3008.82	6.644
350	1.098E-01	2851.85	3126.25	6.840
400	1.201E-01	2939.04	3239.29	7.015
450	1.301E-01	3025.44	3350.79	7.175
500	1.400E-01	3112.09	3462.05	7.323
550	1.497E-01	3199.52	3573.75	7.463
600	1.593E-01	3288.01	3686.26	7.596
650	1.688E-01	3377.74	3799.83	7.722
700	1.783E-01	3468.82	3914.61	7.844
800	1.972E-01	3655.33	4148.22	8.072

H2O	*p* = 3.0	[MPa]	Tsat =	234.0 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.987E-04	0.00	3.00	0.000
25	1.002E-03	104.64	107.64	0.367
50	1.011E-03	208.85	211.88	0.702
75	1.025E-03	313.23	316.30	1.014
100	1.042E-03	418.08	421.20	1.305
120	1.059E-03	502.49	505.67	1.525
150	1.089E-03	630.48	633.75	1.839
170	1.113E-03	717.07	720.41	2.039
200	1.155E-03	849.56	853.03	2.329
250	7.058E-02	2644.01	2855.76	6.287
300	8.114E-02	2750.05	2993.49	6.539
350	9.053E-02	2843.67	3115.26	6.743
400	9.936E-02	2932.76	3230.84	6.921
450	1.079E-01	3020.40	3344.01	7.083
500	1.162E-01	3107.93	3456.49	7.234
550	1.244E-01	3196.03	3569.11	7.375
600	1.324E-01	3285.05	3682.35	7.508
650	1.404E-01	3375.20	3796.49	7.636
700	1.484E-01	3466.61	3911.74	7.757
800	1.641E-01	3653.60	4146.02	7.986

H2O	*p* = 3.5	[MPa]	Tsat =	242.7 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.985E-04	0.01	3.50	0.000
25	1.001E-03	104.60	108.10	0.366
50	1.011E-03	208.77	212.31	0.702
75	1.024E-03	313.12	316.71	1.013
100	1.042E-03	417.94	421.58	1.304
120	1.058E-03	502.31	506.02	1.525
150	1.088E-03	630.25	634.06	1.838
170	1.112E-03	716.79	720.68	2.038
200	1.154E-03	849.19	853.23	2.328
250	5.873E-02	2623.66	2829.20	6.175
300	6.842E-02	2738.00	2977.47	6.446
350	7.678E-02	2835.28	3104.00	6.658
400	8.453E-02	2926.38	3222.25	6.840
450	9.196E-02	3015.30	3337.16	7.005
500	9.918E-02	3103.74	3450.88	7.157
550	1.063E-01	3192.52	3564.44	7.299
600	1.132E-01	3282.07	3678.42	7.434
650	1.201E-01	3372.64	3793.14	7.562
700	1.270E-01	3464.40	3908.85	7.684
800	1.406E-01	3651.87	4143.82	7.914

H2O	*p* = 4.0	[MPa]	Tsat =	250.4 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.982E-04	0.02	4.01	0.000
25	1.001E-03	104.56	108.56	0.366
50	1.010E-03	208.70	212.74	0.702
75	1.024E-03	313.01	317.11	1.013
100	1.042E-03	417.79	421.96	1.304
120	1.058E-03	502.14	506.37	1.524
150	1.088E-03	630.02	634.37	1.838
170	1.112E-03	716.51	720.96	2.038
200	1.154E-03	848.82	853.44	2.327
250	1.251E-03	1080.35	1085.35	2.793
300	5.884E-02	2725.34	2960.69	6.361
350	6.645E-02	2826.66	3092.44	6.582
400	7.341E-02	2919.89	3213.53	6.769
450	8.003E-02	3010.14	3330.24	6.936
500	8.643E-02	3099.51	3445.23	7.090
550	9.269E-02	3188.99	3559.74	7.234
600	9.885E-02	3279.08	3674.46	7.369
650	1.049E-01	3370.08	3789.78	7.497
700	1.109E-01	3462.17	3905.96	7.620
800	1.229E-01	3650.13	4141.62	7.850

H2O	*p* = 4.5	[MPa]	Tsat =	257.5 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.980E-04	0.02	4.51	0.000
25	1.001E-03	104.52	109.03	0.366
50	1.010E-03	208.63	213.17	0.702
75	1.024E-03	312.91	317.51	1.013
100	1.041E-03	417.65	422.33	1.303
120	1.058E-03	501.96	506.73	1.524
150	1.088E-03	629.78	634.68	1.837
170	1.111E-03	716.23	721.24	2.037
200	1.153E-03	848.46	853.65	2.326
250	1.250E-03	1079.71	1085.34	2.791
300	5.135E-02	2712.01	2943.08	6.283
350	5.840E-02	2817.80	3080.58	6.513
400	6.475E-02	2913.30	3204.66	6.705
450	7.074E-02	3004.93	3323.24	6.875
500	7.651E-02	3095.24	3439.53	7.030
550	8.213E-02	3185.42	3555.01	7.175
600	8.765E-02	3276.06	3670.48	7.311
650	9.309E-02	3367.49	3786.40	7.440
700	9.847E-02	3459.94	3903.06	7.563
800	1.091E-01	3648.39	4139.41	7.794

H2O	*p* = 5.0	[MPa]	Tsat =	264.0 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.977E-04	0.03	5.02	0.000
25	1.001E-03	104.48	109.49	0.366
50	1.010E-03	208.55	213.60	0.701
75	1.024E-03	312.80	317.92	1.012
100	1.041E-03	417.51	422.71	1.303
120	1.058E-03	501.79	507.08	1.523
150	1.087E-03	629.55	634.99	1.837
170	1.111E-03	715.96	721.51	2.037
200	1.153E-03	848.09	853.85	2.325
250	1.249E-03	1079.08	1085.33	2.790
300	4.532E-02	2697.95	2924.54	6.208
350	5.194E-02	2808.68	3068.40	6.449
400	5.781E-02	2906.59	3195.66	6.646
450	6.330E-02	2999.65	3316.16	6.819
500	6.857E-02	3090.94	3433.78	6.976
550	7.368E-02	3181.84	3550.25	7.122
600	7.869E-02	3273.03	3666.48	7.259
650	8.362E-02	3364.90	3783.00	7.389
700	8.849E-02	3457.69	3900.15	7.512
800	9.811E-02	3646.65	4137.20	7.744

H2O	*p* = 6.0	[MPa]	Tsat =	275.7 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.972E-04	0.04	6.03	0.000
25	1.000E-03	104.41	110.41	0.366
50	1.009E-03	208.40	214.46	0.701
75	1.023E-03	312.58	318.72	1.012
100	1.041E-03	417.22	423.47	1.302
120	1.057E-03	501.44	507.79	1.522
150	1.087E-03	629.09	635.61	1.836
170	1.110E-03	715.41	722.07	2.035
200	1.152E-03	847.36	854.27	2.324
250	1.248E-03	1077.84	1085.32	2.788
300	3.616E-02	2667.23	2884.21	6.067
350	4.223E-02	2789.63	3042.99	6.333
400	4.739E-02	2892.83	3177.19	6.541
450	5.214E-02	2988.92	3301.77	6.719
500	5.665E-02	3082.22	3422.14	6.880
550	6.101E-02	3174.59	3540.63	7.029
600	6.525E-02	3266.91	3658.42	7.168
650	6.942E-02	3359.67	3776.17	7.299
700	7.352E-02	3453.17	3894.30	7.423
800	8.160E-02	3643.15	4132.77	7.657

H2O	*p* = 7.0	[MPa]	Tsat =	285.9 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.967E-04	0.06	7.03	0.000
25	9.998E-04	104.33	111.33	0.366
50	1.009E-03	208.26	215.32	0.700
75	1.023E-03	312.37	319.53	1.011
100	1.040E-03	416.94	424.22	1.301
120	1.057E-03	501.10	508.49	1.521
150	1.086E-03	628.63	636.24	1.835
170	1.109E-03	714.86	722.62	2.034
200	1.151E-03	846.64	854.69	2.322
250	1.246E-03	1076.61	1085.33	2.785
300	2.947E-02	2632.15	2838.41	5.930
350	3.524E-02	2769.36	3016.03	6.228
400	3.993E-02	2878.57	3158.08	6.448
450	4.416E-02	2977.93	3287.06	6.633
500	4.814E-02	3073.35	3410.31	6.797
550	5.195E-02	3167.23	3530.89	6.949
600	5.565E-02	3260.71	3650.28	7.089
650	5.927E-02	3354.39	3769.28	7.222
700	6.283E-02	3448.62	3888.41	7.348
800	6.981E-02	3639.64	4128.32	7.582

H2O	*p* = 8.0	[MPa]	Tsat =	285.1 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.962E-04	0.07	8.04	0.000
25	9.993E-04	104.26	112.25	0.365
50	1.009E-03	208.11	216.18	0.700
75	1.022E-03	312.16	320.34	1.010
100	1.040E-03	416.66	424.97	1.301
120	1.056E-03	500.75	509.20	1.521
150	1.085E-03	628.18	636.86	1.833
170	1.109E-03	714.31	723.18	2.033
200	1.150E-03	845.92	855.12	2.321
250	1.244E-03	1075.40	1085.35	2.783
300	2.426E-02	2590.94	2785.00	5.791
350	2.995E-02	2747.69	2987.32	6.130
400	3.432E-02	2863.77	3138.30	6.363
450	3.817E-02	2966.68	3272.01	6.555
500	4.175E-02	3064.32	3398.29	6.724
550	4.516E-02	3159.78	3521.03	6.878
600	4.845E-02	3254.45	3642.05	7.021
650	5.166E-02	3349.06	3762.34	7.155
700	5.481E-02	3444.03	3882.49	7.281
800	6.097E-02	3636.11	4123.87	7.517

H2O	*p* = 10.0	[MPa]	Tsat =	311.1 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.952E-04	0.09	10.05	0.000
25	9.984E-04	104.11	114.09	0.365
50	1.008E-03	207.82	217.89	0.699
75	1.021E-03	311.74	321.95	1.009
100	1.039E-03	416.10	426.48	1.299
120	1.055E-03	500.07	510.62	1.519
150	1.084E-03	627.28	638.12	1.831
170	1.107E-03	713.23	724.30	2.030
200	1.148E-03	844.50	855.98	2.318
250	1.240E-03	1073.01	1085.42	2.778
300	1.397E-03	1328.35	1342.32	3.247
350	2.242E-02	2699.17	2923.40	5.944
400	2.641E-02	2832.40	3096.48	6.212
450	2.975E-02	2943.34	3240.85	6.419
500	3.279E-02	3045.79	3373.65	6.597
550	3.564E-02	3144.56	3500.94	6.756
600	3.837E-02	3241.71	3625.36	6.903
650	4.101E-02	3338.24	3748.30	7.040
700	4.358E-02	3434.75	3870.54	7.169
800	4.859E-02	3629.00	4114.94	7.408

H2O	*p* = 12.5	[MPa]	Tsat =	327.9 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.940E-04	0.12	12.55	0.000
25	9.973E-04	103.92	116.39	0.364
50	1.007E-03	207.45	220.04	0.698
75	1.020E-03	311.21	323.97	1.008
100	1.037E-03	415.41	428.37	1.297
120	1.054E-03	499.23	512.39	1.517
150	1.083E-03	626.16	639.69	1.829
170	1.105E-03	711.90	725.71	2.027
200	1.146E-03	842.76	857.08	2.314
250	1.236E-03	1070.11	1085.56	2.773
300	1.387E-03	1322.28	1339.62	3.236
350	1.613E-02	2624.59	2826.17	5.712
400	2.000E-02	2789.27	3039.32	6.042
450	2.299E-02	2912.46	3199.80	6.272
500	2.560E-02	3021.70	3341.74	6.462
550	2.801E-02	3124.97	3475.15	6.629
600	3.029E-02	3225.40	3604.07	6.781
650	3.248E-02	3324.46	3730.46	6.922
700	3.460E-02	3422.96	3855.43	7.054
800	3.869E-02	3620.05	4103.72	7.297

H2O	*p* = 1.50	[MPa]	Tsat =	342.3 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.928E-04	0.15	15.04	0.000
25	9.963E-04	103.73	118.68	0.363
50	1.006E-03	207.09	222.18	0.697
75	1.019E-03	310.70	325.98	1.006
100	1.036E-03	414.72	430.26	1.295
120	1.052E-03	498.39	514.17	1.514
150	1.081E-03	625.06	641.28	1.826
170	1.103E-03	710.58	727.14	2.024
200	1.143E-03	841.04	858.19	2.310
250	1.232E-03	1067.29	1085.77	2.767
300	1.377E-03	1316.59	1337.24	3.226
350	1.147E-02	2520.38	2692.44	5.442
400	1.565E-02	2740.72	2975.46	5.881
450	1.845E-02	2879.50	3156.18	6.140
500	2.080E-02	2996.55	3308.55	6.344
550	2.293E-02	3104.73	3448.63	6.520
600	2.491E-02	3208.67	3582.33	6.678
650	2.680E-02	3310.40	3712.34	6.822
700	2.861E-02	3410.97	3840.15	6.957
800	3.210E-02	3611.03	4092.46	7.204

H2O	*p* = 17.5	[MPa]	Tsat =	354.8 °C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.916E-04	0.18	17.53	0.000
25	9.952E-04	103.55	120.96	0.363
50	1.005E-03	206.74	224.32	0.696
75	1.018E-03	310.18	328.00	1.005
100	1.035E-03	414.05	432.16	1.294
120	1.051E-03	497.57	515.96	1.512
150	1.079E-03	623.98	642.86	1.823
170	1.102E-03	709.29	728.57	2.021
200	1.141E-03	839.36	859.32	2.307
250	1.228E-03	1064.55	1086.04	2.762
300	1.368E-03	1311.21	1335.15	3.216
350	1.714E-03	1632.04	1662.03	3.761
400	1.245E-02	2685.01	2902.84	5.721
450	1.517E-02	2844.17	3109.71	6.018
500	1.736E-02	2970.28	3274.05	6.238
550	1.929E-02	3083.87	3421.40	6.423
600	2.106E-02	3191.54	3560.16	6.587
650	2.274E-02	3296.07	3693.96	6.736
700	2.434E-02	3398.82	3824.70	6.874
800	2.738E-02	3601.93	4081.16	7.125

H2O	*p* = 20.0	[MPa]	Tsat =	365.9 C
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.904E-04	0.20	20.00	0.000
25	9.941E-04	103.36	123.24	0.362
50	1.003E-03	206.38	226.45	0.694
75	1.017E-03	309.68	330.01	1.003
100	1.034E-03	413.38	434.05	1.292
120	1.050E-03	496.75	517.74	1.510
150	1.078E-03	622.90	644.46	1.821
170	1.100E-03	708.01	730.01	2.018
200	1.139E-03	837.70	860.48	2.303
250	1.224E-03	1061.87	1086.36	2.757
300	1.360E-03	1306.11	1333.30	3.207
350	1.664E-03	1612.29	1645.57	3.728
400	9.942E-03	2619.25	2818.10	5.554
450	1.270E-02	2806.18	3060.09	5.902
500	1.477E-02	2942.84	3238.21	6.140
550	1.656E-02	3062.37	3393.48	6.335
600	1.818E-02	3174.04	3537.59	6.505
650	1.969E-02	3281.49	3675.35	6.658
700	2.113E-02	3386.50	3809.12	6.799
800	2.385E-02	3592.78	4069.83	7.054

H2O	*p* = 25.0	[MPa]		
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.880E-04	0.23	24.93	0.000
25	9.920E-04	102.99	127.79	0.361
50	1.001E-03	205.68	230.72	0.692
75	1.015E-03	308.68	334.05	1.000
100	1.031E-03	412.06	437.84	1.288
120	1.047E-03	495.15	521.32	1.506
150	1.075E-03	620.80	647.67	1.816
170	1.096E-03	705.51	732.93	2.012
200	1.134E-03	834.47	862.83	2.296
250	1.217E-03	1056.73	1087.16	2.747
300	1.344E-03	1296.61	1330.21	3.190
350	1.598E-03	1583.56	1623.51	3.680
400	6.004E-03	2430.08	2580.19	5.142
450	9.162E-03	2720.68	2949.73	5.674
500	1.112E-02	2884.33	3162.41	5.959
550	1.272E-02	3017.54	3335.65	6.176
600	1.414E-02	3137.95	3491.39	6.360
650	1.543E-02	3251.67	3637.49	6.523
700	1.665E-02	3361.43	3777.59	6.671
800	1.891E-02	3574.30	4047.11	6.935

H2O	*p* = 30.0	[MPa]		
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.856E-04	0.25	29.82	0.000
25	9.899E-04	102.62	132.32	0.359
50	9.994E-04	205.00	234.98	0.690
75	1.013E-03	307.70	338.08	0.997
100	1.029E-03	410.77	441.64	1.284
120	1.044E-03	493.58	524.91	1.502
150	1.072E-03	618.75	650.90	1.811
170	1.093E-03	703.08	735.87	2.007
200	1.130E-03	831.34	865.25	2.289
250	1.210E-03	1051.82	1088.13	2.737
300	1.330E-03	1287.90	1327.81	3.174
350	1.552E-03	1561.87	1608.42	3.643
400	2.790E-03	2067.38	2151.08	4.473
450	6.735E-03	2619.33	2821.38	5.442
500	8.679E-03	2820.71	3081.06	5.790
550	1.017E-02	2970.35	3275.39	6.034
600	1.145E-02	3100.57	3443.94	6.233
650	1.260E-02	3221.08	3598.96	6.406
700	1.366E-02	3335.88	3745.71	6.561
800	1.562E-02	3555.65	4024.34	6.833

H2O	*p* = 35.0	[MPa]		
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.833E-04	0.26	34.68	0.000
25	9.879E-04	102.26	136.83	0.358
50	9.973E-04	204.32	239.23	0.688
75	1.010E-03	306.74	342.10	0.994
100	1.027E-03	409.50	445.44	1.281
120	1.042E-03	492.05	528.52	1.498
150	1.069E-03	616.75	654.16	1.806
170	1.090E-03	700.71	738.86	2.001
200	1.126E-03	828.31	867.73	2.283
250	1.204E-03	1047.14	1089.27	2.727
300	1.318E-03	1279.84	1325.96	3.159
350	1.516E-03	1544.04	1597.12	3.612
400	2.100E-03	1914.05	1987.55	4.212
450	4.962E-03	2498.74	2672.40	5.196
500	6.927E-03	2751.91	2994.37	5.628
550	8.345E-03	2920.98	3213.04	5.903
600	9.527E-03	3062.07	3395.52	6.118
650	1.057E-02	3189.84	3559.94	6.301
700	1.153E-02	3309.93	3713.58	6.463
800	1.328E-02	3536.86	4001.58	6.745

H2O	*p* = 40.0	[MPa]		
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.811E-04	0.25	39.50	0.000
25	9.858E-04	101.90	141.33	0.356
50	9.953E-04	203.66	243.47	0.685
75	1.008E-03	305.79	346.13	0.991
100	1.024E-03	408.27	449.25	1.277
120	1.040E-03	490.54	532.13	1.494
150	1.066E-03	614.79	657.43	1.801
170	1.087E-03	698.40	741.87	1.996
200	1.122E-03	825.37	870.26	2.276
250	1.198E-03	1042.65	1090.55	2.718
300	1.306E-03	1272.33	1324.58	3.145
350	1.487E-03	1528.75	1588.24	3.586
400	1.908E-03	1854.54	1930.85	4.113
450	3.693E-03	2365.11	2512.83	4.946
500	5.622E-03	2678.40	2903.30	5.470
550	6.984E-03	2869.73	3149.09	5.778
600	8.094E-03	3022.65	3346.42	6.011
650	9.063E-03	3158.08	3520.62	6.205
700	9.941E-03	3283.68	3681.33	6.375
800	1.152E-02	3517.94	3978.85	6.666

H2O	*p* = 50.0	[MPa]		
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.766E-04	0.20	49.03	-0.001
25	9.819E-04	101.18	150.27	0.353
50	9.914E-04	202.36	251.94	0.681
75	1.004E-03	303.96	354.18	0.985
100	1.020E-03	405.86	456.87	1.270
120	1.035E-03	487.63	539.38	1.486
150	1.061E-03	611.01	664.04	1.791
170	1.080E-03	693.95	747.98	1.985
200	1.115E-03	819.73	875.46	2.263
250	1.186E-03	1034.19	1093.50	2.701
300	1.286E-03	1258.67	1322.96	3.120
350	1.441E-03	1503.19	1575.24	3.542
400	1.731E-03	1788.06	1874.61	4.003
450	2.486E-03	2159.64	2283.95	4.588
500	3.892E-03	2525.49	2720.12	5.173
550	5.118E-03	2763.66	3019.56	5.549
600	6.112E-03	2942.02	3247.64	5.818
650	6.966E-03	3093.60	3441.89	6.034
700	7.727E-03	3230.59	3616.95	6.219
800	9.076E-03	3479.88	3933.67	6.529

H2O	*p* = 60.0	[MPa]		
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.723E-04	0.10	58.44	-0.003
25	9.780E-04	100.47	159.15	0.350
50	9.876E-04	201.11	260.37	0.676
75	1.000E-03	302.19	362.22	0.980
100	1.016E-03	403.55	464.50	1.263
120	1.030E-03	484.84	546.66	1.478
150	1.055E-03	607.39	670.71	1.782
170	1.075E-03	689.70	754.18	1.975
200	1.108E-03	814.39	880.85	2.251
250	1.176E-03	1026.35	1096.89	2.685
300	1.268E-03	1246.47	1322.55	3.097
350	1.405E-03	1482.12	1566.41	3.505
400	1.633E-03	1745.36	1843.37	3.932
450	2.085E-03	2053.89	2178.99	4.412
500	2.956E-03	2390.58	2567.93	4.932
550	3.957E-03	2658.81	2896.21	5.344
600	4.835E-03	2861.19	3151.26	5.645
650	5.595E-03	3028.88	3364.60	5.883
700	6.272E-03	3177.30	3553.61	6.082
800	7.459E-03	3441.66	3889.18	6.411

H2O	*p* = 70.0	[MPa]		
T	*v*	*u*	*h*	*s*
[C]	[m^3/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg K]
0	9.682E-04	-0.05	67.72	-0.004
25	9.742E-04	99.78	167.98	0.347
50	9.839E-04	199.90	268.77	0.672
75	9.965E-04	300.49	370.24	0.974
100	1.012E-03	401.32	472.15	1.257
120	1.026E-03	482.15	553.96	1.470
150	1.050E-03	603.92	677.44	1.773
170	1.069E-03	685.64	760.48	1.965
200	1.101E-03	809.32	886.38	2.240
250	1.166E-03	1019.02	1100.64	2.670
300	1.252E-03	1235.44	1323.09	3.076
350	1.375E-03	1464.12	1560.37	3.473
400	1.566E-03	1713.14	1822.79	3.877
450	1.893E-03	1990.15	2122.66	4.307
500	2.466E-03	2290.58	2463.19	4.762
550	3.227E-03	2563.90	2789.80	5.172
600	3.976E-03	2783.45	3061.76	5.493
650	4.650E-03	2965.40	3290.90	5.748
700	5.256E-03	3124.59	3492.48	5.961
800	6.318E-03	3403.51	3845.78	6.307