

## Saturated Water (H2O)--Temperature Table

		Spec. Volume		Internal Energy		Enthalpy		
deg-C	kPa	m <sup>3</sup> /kg		kJ/kg		kJ/kg		
Temp.	Sat. press.	Sat. liquid	Sat. vapor	Sat. liquid	Sat. vapor	Sat. liquid	Sat. vapor	Sat liqui
$T$ °C	$p_{sat@T}$	$v_f$	$v_g$	$u_f$	$u_g$	$h_f$	$h_g$	$s_f$
0.01	0.6113	0.001000	206.14	0.00	2375.3	0.00	2501.4	0.
5	0.8721	0.001000	147.12	20.97	2382.3	20.98	2510.6	0.
10	1.2276	0.001000	106.38	42.00	2389.2	42.01	2519.8	0.
15	1.7051	0.001001	77.93	62.99	2396.1	62.99	2528.9	0.
20	2.339	0.001002	57.79	83.95	2402.9	83.96	2538.1	0.
25	3.169	0.001003	43.36	104.88	2409.8	104.89	2547.2	0.
30	4.246	0.001004	32.89	125.78	2416.6	125.79	2556.3	0.
35	5.628	0.001006	25.22	146.67	2423.4	146.68	2565.3	0.
40	7.384	0.001008	19.52	167.56	2430.1	167.57	2574.3	0.
45	9.593	0.001010	15.26	188.44	2436.8	188.45	2583.2	0.
50	12.349	0.001012	12.03	209.32	2443.5	209.33	2592.1	0.
55	15.758	0.001015	9.568	230.21	2450.1	230.23	2600.9	0.
60	19.940	0.001017	7.671	251.11	2456.6	251.13	2609.6	0.
65	25.03	0.001020	6.197	272.02	2463.1	272.06	2618.3	0.
70	31.19	0.001023	5.042	292.95	2469.6	292.98	2626.8	0.
75	38.58	0.001026	4.131	313.90	2475.9	313.93	2634.7	1.
80	47.39	0.001029	3.407	334.86	2482.2	334.91	2635.3	1.
85	57.83	0.001033	2.828	355.84	2488.4	355.90	2651.9	1.
90	70.14	0.001036	2.361	376.85	2494.5	376.92	2660.1	1.
95	84.55	0.001040	1.982	397.88	2500.6	397.96	2668.1	1.
$T$ °C	$p_{sat@T}$ MPa	$v_f$	$v_g$	$u_f$	$u_g$	$h_f$	$h_g$	$s_f$
100	0.10135	0.001044	1.6729	418.94	2506.5	419.04	2676.1	1.
105	0.12082	0.001048	1.4194	440.02	2512.4	440.15	2683.8	1.
110	0.14327	0.001052	1.2102	461.14	2518.1	461.30	2691.5	1.
115	0.16906	0.001056	1.0366	482.30	2523.7	482.48	2699.0	1.
120	0.19853	0.001060	0.8919	503.50	2529.3	503.71	2706.3	1.
125	0.2321	0.001065	0.7706	524.74	2534.6	524.99	2713.5	1.
130	0.2701	0.001070	0.6685	546.02	2539.9	546.31	2720.5	1.
135	0.3130	0.001075	0.5822	567.35	2545.0	567.69	2727.3	1.
140	0.3613	0.001080	0.5089	588.74	2550.0	589.13	2733.9	1.
145	0.4154	0.001085	0.4463	610.18	2554.9	610.63	2740.3	1.
150	0.4758	0.001091	0.3928	631.68	2559.5	632.20	2746.5	1.
155	0.5431	0.001096	0.3468	653.24	2564.1	653.84	2752.4	1.
160	0.6178	0.001102	0.3071	674.87	2568.4	675.55	2758.1	1.
165	0.7005	0.001108	0.2727	696.56	2572.5	697.34	2763.5	1.
170	0.7917	0.001114	0.2428	718.33	2576.5	719.21	2768.7	2.
175	0.8920	0.001121	0.2168	740.17	2580.2	741.17	2773.6	2.
180	1.0021	0.001127	0.19405	762.09	2583.7	763.22	2778.2	2.
185	1.1227	0.001134	0.17409	784.10	2587.0	785.37	2782.4	2.
190	1.2544	0.001141	0.15654	806.19	2590.0	807.62	2786.4	2.
195	1.3978	0.001149	0.14105	828.37	2592.8	829.98	2790.0	2.

200	1.5538	0.001157	0.12736	850.65	2595.3	852.45	2793.2	2.
205	1.7230	0.001164	0.11521	873.04	2597.5	875.04	2796.0	2.
210	1.9062	0.001173	0.10441	895.53	2599.5	897.76	2798.5	2.
215	2.104	0.001181	0.09479	918.14	2601.1	920.62	2800.5	2.
220	2.318	0.001190	0.08619	940.87	2602.4	943.62	2802.1	2.
225	2.548	0.001199	0.07849	963.73	2603.3	966.78	2803.3	2.
230	2.795	0.001209	0.07158	986.74	2603.9	990.12	2804.0	2.
235	3.060	0.001219	0.06537	1009.89	2604.1	1013.62	2804.2	2.
240	3.344	0.001229	0.05976	1033.21	2604.0	1037.32	2803.8	2.
245	3.648	0.001240	0.05471	1056.71	2603.4	1061.23	2803.0	2.
250	3.973	0.001251	0.05013	1080.39	2602.4	1085.36	2801.5	2.
255	4.319	0.001263	0.04598	1104.28	2600.9	1109.73	2799.5	2.
260	4.688	0.001276	0.04221	1128.39	2599.0	1134.37	2796.9	2.
265	5.081	0.001289	0.03877	1152.74	2596.6	1159.28	2793.6	2.
270	5.499	0.001302	0.03564	1177.36	2593.7	1184.51	2789.7	2.
275	5.942	0.001317	0.03279	1202.25	2590.2	1210.07	2785.0	3.
280	6.412	0.001332	0.03017	1227.46	2586.1	1235.99	2779.6	3.
285	6.909	0.001348	0.02777	1253.00	2581.4	1262.31	2773.3	3.
290	7.436	0.001366	0.02557	1278.92	2576.0	1289.07	2766.2	3.
295	7.993	0.001384	0.02354	1305.20	2569.9	1316.30	2758.1	3.
300	8.581	0.001404	0.02167	1332.00	2563.0	1344.00	2749.0	3.
305	9.202	0.001425	0.019948	1359.30	2555.2	1372.40	2738.7	3.
310	9.856	0.001447	0.018350	1387.10	2546.4	1401.30	2727.3	3.
315	10.547	0.001472	0.016867	1415.50	2536.6	1431.00	2714.5	3.
320	11.274	0.001499	0.015488	1444.60	2525.5	1461.50	2700.1	3.
330	12.845	0.001561	0.012996	1505.30	2498.9	1525.30	2665.9	3.
340	14.586	0.001638	0.010797	1570.30	2464.6	1594.20	2622.0	3.
350	16.513	0.001740	0.008813	1641.90	2418.4	1670.60	2563.9	3.
360	18.651	0.001893	0.006945	1725.20	2351.5	1760.50	2481.0	3.
370	21.03	0.002213	0.004925	1844.00	2228.5	1890.50	2332.1	4.
374.14	22.09	0.003155	0.003155	2029.60	2029.6	2099.30	2099.3	4.