

7/30/2007&lt;&gt;4:07 PM

## Properties of Saturated Steam&lt;&gt;Steam Tables

Absolute Pressure lb/in2	Temperature Deg F	SPECIFIC VOLUME		ENTHALPY			ENTROPY			Internal Energy Evap.
		Liquid	Vapor	Liquid	Evap	Vapor	Liquid	Evap.	Vapor	
0.09	32.02	0.016022	3302.00	0.01	1075.40	1075.40	0.000	2.19	2.187	1021.20
1.00	101.70	0.016136	333.60	69.74	1036.00	1105.80	0.133	1.85	1.978	974.30
1.50	115.65	0.016187	227.70	83.65	1028.00	1111.70	0.157	1.79	1.944	964.80
2.00	126.04	0.016230	173.75	94.02	1022.10	1116.10	0.175	1.74	1.920	957.80
3.00	141.43	0.016300	118.72	109.39	1013.10	1122.50	0.201	1.69	1.886	947.20
4.00	152.93	0.016358	90.64	120.89	1006.40	1127.30	0.220	1.64	1.862	939.30
5.00	162.21	0.016407	73.53	130.17	100.90	1131.00	0.235	1.61	1.844	932.90
10.00	193.19	0.016590	38.42	161.23	982.10	1143.30	0.284	1.50	1.788	911.00
14.70	211.99	0.016715	26.80	180.15	970.40	1150.50	0.312	1.44	1.757	897.50
15.00	231.03	0.016723	26.29	181.19	969.70	1150.90	0.132	1.44	1.755	896.80
20.00	227.96	0.016830	20.09	196.26	960.10	1156.40	0.336	1.40	1.732	885.80
25.00	240.08	0.016922	16.31	208.52	952.20	1160.70	0.353	1.36	1.714	876.90
30.00	250.34	0.017004	13.75	218.93	945.40	1164.30	0.368	1.33	1.700	869.20
35.00	259.30	0.017078	11.00	228.04	939.30	1167.40	0.381	1.31	1.687	862.40
40.00	267.26	0.017146	10.50	236.16	933.80	1170.00	0.392	1.28	1.677	856.20
45.00	274.46	0.017209	9.43	243.51	928.80	1172.30	0.402	1.27	1.667	850.70
50.00	281.03	0.017269	8.52	250.24	924.40	1174.40	0.411	1.25	1.659	845.50
55.00	287.10	0.017325	7.79	256.46	919.90	1176.30	0.420	1.23	1.651	840.80
60.00	292.73	0.017378	7.18	262.25	915.80	1178.00	0.427	1.22	1.644	836.30
65.00	298.00	0.017429	6.66	267.67	911.90	1179.60	0.435	1.20	1.638	832.10
70.00	302.96	0.017478	6.21	272.79	908.30	1181.00	0.441	1.19	1.632	828.10
75.00	307.63	0.017524	5.82	277.61	904.80	1182.40	0.447	1.18	1.627	824.30
80.00	312.07	0.017570	5.47	282.21	901.40	1183.60	0.453	1.17	1.921	820.60
85.00	316.29	0.017613	5.17	286.58	898.20	1184.80	0.459	1.16	1.617	817.10
90.00	320.31	0.017655	4.90	290.76	895.10	1185.90	0.464	1.15	1.612	813.80
95.00	324.16	0.017696	4.65	294.76	892.10	1186.90	0.470	1.14	1.608	810.60
100.00	327.86	0.017736	4.43	298.61	889.20	1187.80	0.474	1.13	1.603	807.50
150.00	358.48	0.018089	3.02	33.75	864.20	1194.90	0.514	1.06	1.570	781.00
200.00	381.86	0.018387	2.29	355.60	843.70	1199.30	0.544	1.00	1.546	759.60
250.00	401.04	0.018653	1.84	376.20	825.80	1202.10	0.568	0.96	1.527	741.40
300.00	417.43	0.018896	1.54	394.10	809.80	1203.90	0.588	0.92	1.512	725.10
350.00	431.82	0.019124	1.33	409.90	795.00	1204.90	0.606	0.89	1.498	710.30
400.00	444.70	0.019340	1.16	424.20	781.20	1205.50	0.622	0.86	1.486	696.70
450.00	459.39	0.019547	1.03	437.40	768.20	1205.60	0.636	0.84	1.475	683.90
500.00	467.13	0.019748	0.93	449.50	755.80	1205.30	0.649	0.82	1.465	671.70
550.00	477.07	0.019943	0.84	460.90	743.90	1204.80	0.661	0.79	1.455	660.20
600.00	486.33	0.020130	0.77	471.70	732.40	1204.10	0.672	0.77	1.446	649.10

SOURCE Abstracted from Keenan, Keyes, Hill, and Moore "steam Tables" 1969