

Pressure		Temperature	Specific Volume		Heat -BTU/lb	Enthalpy - BTU/lb	
Gauge psig	Absolute psia	Saturation Deg. °F	Water vf ft ³ /lb	Steam vg ft ³ /lb	Liquid hf	Lat. Heat hfg	Total STM Heat hg
0	14.7	212.0	0.016714	26.804	180.13	970.1	1150.3
1	15.7	215.3	0.016738	25.203	183.50	968.0	1151.5
2	16.7	218.5	0.016760	23.789	186.69	966.0	1152.7
3	17.7	221.5	0.016782	22.529	189.74	964.1	1153.8
4	18.7	224.4	0.016803	21.400	192.64	962.2	1154.9
5	19.7	227.1	0.016823	20.382	195.42	960.5	1155.9
6	20.7	229.7	0.016843	19.459	198.09	958.8	1156.9
7	21.7	232.3	0.016862	18.619	200.66	957.1	1157.8
8	22.7	234.7	0.016881	17.850	203.13	955.5	1158.7
9	23.7	237.1	0.016899	17.145	205.52	954.0	1159.5
10	24.7	239.4	0.016916	16.494	207.82	952.5	1160.3
11	25.7	241.6	0.016934	15.893	210.05	951.0	1161.1
12	26.7	243.7	0.016950	15.335	212.22	949.6	1161.8
13	27.7	245.8	0.016967	14.816	214.31	948.2	1162.6
14	28.7	247.8	0.016983	14.332	216.35	946.9	1163.3
15	29.7	249.7	0.016999	13.880	218.33	945.6	1163.9
16	30.7	251.6	0.017014	13.456	220.26	944.3	1164.6
17	31.7	253.5	0.017029	13.058	222.14	943.1	1165.2
18	32.7	255.3	0.017044	12.684	223.97	941.9	1165.8
19	33.7	257.0	0.017059	12.331	225.76	940.7	1166.4
20	34.7	258.7	0.017073	11.998	227.51	939.5	1167.0
21	35.7	260.4	0.017087	11.683	229.21	938.4	1167.6
22	36.7	262.1	0.017101	11.384	230.88	937.2	1168.1
23	37.7	263.7	0.017115	11.101	232.52	936.1	1168.7
24	38.7	265.2	0.017128	10.832	234.11	935.1	1169.2
25	39.7	266.8	0.017142	10.576	235.68	934.0	1169.7
26	40.7	268.3	0.017155	10.332	237.22	933.0	1170.2
27	41.7	269.7	0.017168	10.099	238.72	931.9	1170.6
28	42.7	271.2	0.017180	9.877	240.20	930.9	1171.1
29	43.7	272.6	0.017193	9.665	241.65	929.9	1171.6
30	44.7	274.0	0.017205	9.462	243.07	929.0	1172.0
31	45.7	275.4	0.017218	9.268	244.47	928.0	1172.5
32	46.7	276.7	0.017230	9.082	245.85	927.0	1172.9
33	47.7	278.0	0.017242	8.903	247.20	926.1	1173.3
34	48.7	279.3	0.017253	8.731	248.53	925.2	1173.7
35	49.7	280.6	0.017265	8.566	249.84	924.3	1174.1
36	50.7	281.9	0.017276	8.407	251.12	923.4	1174.5
37	51.7	283.1	0.017288	8.254	252.39	922.5	1174.9
38	52.7	284.3	0.017299	8.107	253.64	921.6	1175.3
39	53.7	285.5	0.017310	7.965	254.87	920.8	1175.6
40	54.7	286.7	0.017321	7.828	256.08	919.9	1176.0
41	55.7	287.9	0.017332	7.696	257.28	919.1	1176.4
42	56.7	289.0	0.017343	7.569	258.45	918.2	1176.7
43	57.7	290.1	0.017354	7.445	259.62	917.4	1177.0
44	58.7	291.3	0.017364	7.326	260.76	916.6	1177.4
45	59.7	292.4	0.017375	7.211	261.89	915.8	1177.7

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46	60.7	293.4	0.017385	7.099	263.01	915.0	1178.0
47	61.7	294.5	0.017395	6.991	264.11	914.2	1178.4
48	62.7	295.6	0.017405	6.886	265.20	913.5	1178.7
49	63.7	296.6	0.017416	6.784	266.28	912.7	1179.0
50	64.7	297.7	0.017426	6.685	267.34	911.9	1179.3
51	65.7	298.7	0.017435	6.589	268.39	911.2	1179.6
52	66.7	299.7	0.017445	6.496	269.42	910.4	1179.9
53	67.7	300.7	0.017455	6.406	270.45	909.7	1180.2
54	68.7	301.7	0.017465	6.318	271.46	909.0	1180.4
55	69.7	302.6	0.017474	6.233	272.46	908.2	1180.7
56	70.7	303.6	0.017484	6.150	273.45	907.5	1181.0
57	71.7	304.5	0.017493	6.069	274.43	906.8	1181.3
58	72.7	305.5	0.017503	5.990	275.40	906.1	1181.5
59	73.7	306.4	0.017512	5.913	276.36	905.4	1181.8
60	74.7	307.3	0.017521	5.839	277.31	904.7	1182.0
61	75.7	308.2	0.017530	5.766	278.25	904.0	1182.3
62	76.7	309.1	0.017540	5.695	279.18	903.4	1182.5
63	77.7	310.0	0.017549	5.626	280.10	902.7	1182.8
64	78.7	310.9	0.017558	5.558	281.01	902.0	1183.0
65	79.7	311.8	0.017566	5.493	281.91	901.4	1183.3
66	80.7	312.6	0.017575	5.428	282.80	900.7	1183.5
67	81.7	313.5	0.017584	5.366	283.69	900.1	1183.7
68	82.7	314.3	0.017593	5.304	284.56	899.4	1184.0
69	83.7	315.2	0.017602	5.245	285.43	898.8	1184.2
70	84.7	316.0	0.017610	5.186	286.29	898.1	1184.4
71	85.7	316.8	0.017619	5.129	287.14	897.5	1184.6
72	86.7	317.6	0.017627	5.073	287.99	896.9	1184.9
73	87.7	318.4	0.017636	5.018	288.83	896.2	1185.1
74	88.7	319.2	0.017644	4.965	289.66	895.6	1185.3
75	89.7	320.0	0.017653	4.913	290.48	895.0	1185.5
76	90.7	320.8	0.017661	4.861	291.30	894.4	1185.7
77	91.7	321.6	0.017669	4.811	292.10	893.8	1185.9
78	92.7	322.4	0.017677	4.762	292.91	893.2	1186.1
79	93.7	323.1	0.017685	4.714	293.70	892.6	1186.3
80	94.7	323.9	0.017694	4.667	294.49	892.0	1186.5
81	95.7	324.6	0.017702	4.621	295.27	891.4	1186.7
82	96.7	325.4	0.017710	4.576	296.05	890.8	1186.9
83	97.7	326.1	0.017718	4.531	296.82	890.2	1187.1
84	98.7	326.9	0.017726	4.488	297.59	889.7	1187.3
85	99.7	327.6	0.017734	4.445	298.34	889.1	1187.4
86	100.7	328.3	0.017741	4.403	299.10	888.5	1187.6
87	101.7	329.0	0.017749	4.362	299.84	888.0	1187.8
88	102.7	329.7	0.017757	4.322	300.59	887.4	1188.0
89	103.7	330.5	0.017765	4.283	301.32	886.8	1188.2
90	104.7	331.2	0.017772	4.244	302.05	886.3	1188.3
91	105.7	331.8	0.017780	4.206	302.78	885.7	1188.5

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90	104.7	331.2	0.017772	4.244	302.05	886.3	1188.3
91	105.7	331.8	0.017780	4.206	302.78	885.7	1188.5
92	106.7	332.5	0.017788	4.168	303.50	885.2	1188.7
93	107.7	333.2	0.017795	4.132	304.21	884.6	1188.8
94	108.7	333.9	0.017803	4.096	304.92	884.1	1189.0
95	109.7	334.6	0.017810	4.060	305.63	883.5	1189.2
96	110.7	335.2	0.017818	4.025	306.33	883.0	1189.3
97	111.7	335.9	0.017825	3.991	307.02	882.5	1189.5
98	112.7	336.6	0.017833	3.958	307.71	881.9	1189.6
99	113.7	337.2	0.017840	3.925	308.40	881.4	1189.8
100	114.7	337.9	0.017847	3.892	309.08	880.9	1190.0
101	115.7	338.5	0.017855	3.860	309.76	880.3	1190.1
102	116.7	339.2	0.017862	3.829	310.43	879.8	1190.3
103	117.7	339.8	0.017869	3.798	311.10	879.3	1190.4
104	118.7	340.4	0.017876	3.768	311.76	878.8	1190.6
105	119.7	341.1	0.017884	3.738	312.42	878.3	1190.7
106	120.7	341.7	0.017891	3.708	313.08	877.8	1190.8
107	121.7	342.3	0.017898	3.679	313.73	877.3	1191.0
108	122.7	342.9	0.017905	3.651	314.37	876.8	1191.1
109	123.7	343.6	0.017912	3.623	315.02	876.3	1191.3
110	124.7	344.2	0.017919	3.595	315.66	875.8	1191.4
111	125.7	344.8	0.017926	3.568	316.29	875.3	1191.5
112	126.7	345.4	0.017933	3.541	316.92	874.8	1191.7
113	127.7	346.0	0.017940	3.515	317.55	874.3	1191.8
114	128.7	346.6	0.017947	3.489	318.18	873.8	1192.0
115	129.7	347.2	0.017954	3.463	318.80	873.3	1192.1
116	130.7	347.7	0.017961	3.438	319.41	872.8	1192.2
117	131.7	348.3	0.017968	3.413	320.03	872.3	1192.3
118	132.7	348.9	0.017974	3.389	320.64	871.8	1192.5
119	133.7	349.5	0.017981	3.364	321.24	871.4	1192.6
120	134.7	350.1	0.017988	3.341	321.85	870.9	1192.7
121	135.7	350.6	0.017995	3.317	322.45	870.4	1192.8
122	136.7	351.2	0.018001	3.294	323.04	869.9	1193.0
123	137.7	351.8	0.018008	3.271	323.64	869.5	1193.1
124	138.7	352.3	0.018015	3.249	324.23	869.0	1193.2
125	139.7	352.9	0.018021	3.227	324.81	868.5	1193.3
126	140.7	353.4	0.018028	3.205	325.40	868.1	1193.4
127	141.7	354.0	0.018035	3.183	325.98	867.6	1193.6
128	142.7	354.5	0.018041	3.162	326.55	867.1	1193.7
129	143.7	355.1	0.018048	3.141	327.13	866.7	1193.8
130	144.7	355.6	0.018054	3.120	327.70	866.2	1193.9
131	145.7	356.1	0.018061	3.100	328.27	865.8	1194.0
132	146.7	356.7	0.018067	3.080	328.83	865.3	1194.1

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Gauge psig	Absolute psia	Saturation Deg. °F	Water vf ft ³ /lb	Steam vg ft ³ /lb	Liquid hf	Lat. Heat hfg	Total STM Heat hg
133	147.7	357.2	0.018074	3.060	329.40	864.8	1194.2
134	148.7	357.7	0.018080	3.040	329.96	864.4	1194.4
135	149.7	358.3	0.018087	3.021	330.51	863.9	1194.5
136	150.7	358.8	0.018093	3.001	331.07	863.5	1194.6
137	151.7	359.3	0.018099	2.983	331.62	863.1	1194.7
138	152.7	359.8	0.018106	2.964	332.17	862.6	1194.8
139	153.7	360.4	0.018112	2.946	332.71	862.2	1194.9
140	154.7	360.9	0.018118	2.927	333.26	861.7	1195.0
141	155.7	361.4	0.018125	2.909	333.80	861.3	1195.1
142	156.7	361.9	0.018131	2.892	334.34	860.9	1195.2
143	157.7	362.4	0.018137	2.874	334.87	860.4	1195.3
144	158.7	362.9	0.018144	2.857	335.41	860.0	1195.4
145	159.7	363.4	0.018150	2.840	335.94	859.6	1195.5
146	160.7	363.9	0.018156	2.823	336.46	859.1	1195.6
147	161.7	364.4	0.018162	2.806	336.99	858.7	1195.7
148	162.7	364.9	0.018168	2.790	337.51	858.3	1195.8
149	163.7	365.4	0.018174	2.773	338.03	857.8	1195.9
150	164.7	365.9	0.018181	2.757	338.55	857.4	1196.0
152	166.7	366.8	0.018193	2.725	339.58	856.6	1196.2
154	168.7	367.8	0.018205	2.694	340.60	855.7	1196.3
156	170.7	368.8	0.018217	2.664	341.62	854.9	1196.5
158	172.7	369.7	0.018229	2.635	342.62	854.1	1196.7
160	174.7	370.6	0.018241	2.606	343.62	853.2	1196.9
162	176.7	371.6	0.018253	2.577	344.60	852.4	1197.0
164	178.7	372.5	0.018265	2.550	345.58	851.6	1197.2
166	180.7	373.4	0.018276	2.523	346.55	850.8	1197.4
168	182.7	374.3	0.018288	2.496	347.51	850.0	1197.5
170	184.7	375.2	0.018300	2.470	348.47	849.2	1197.7
172	186.7	376.1	0.018311	2.445	349.41	848.4	1197.8
174	188.7	377.0	0.018323	2.420	350.35	847.6	1198.0
175	189.7	377.4	0.018329	2.408	350.82	847.2	1198.1
176	190.7	377.8	0.018334	2.395	351.29	846.9	1198.1
178	192.7	378.7	0.018346	2.371	352.21	846.1	1198.3
180	194.7	379.6	0.018357	2.348	353.13	845.3	1198.4
182	196.7	380.4	0.018368	2.325	354.04	844.5	1198.6
184	198.7	381.3	0.018380	2.302	354.95	843.8	1198.7
186	200.7	382.1	0.018391	2.280	355.84	843.0	1198.8
188	202.7	382.9	0.018402	2.259	356.73	842.3	1199.0
190	204.7	383.8	0.018413	2.237	357.62	841.5	1199.1
192	206.7	384.6	0.018424	2.217	358.50	840.8	1199.2
194	208.7	385.4	0.018435	2.196	359.37	840.0	1199.4
196	210.7	386.2	0.018446	2.176	360.24	839.3	1199.5
198	212.7	387.0	0.018457	2.156	361.10	838.5	1199.6

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200	214.7	387.8	0.018468	2.137	361.95	837.8	1199.7
205	219.7	389.8	0.018495	2.090	364.06	836.0	1200.0
210	224.7	391.7	0.018521	2.045	366.14	834.2	1200.3
215	229.7	393.6	0.018548	2.002	368.18	832.4	1200.6
220	234.7	395.5	0.018574	1.960	370.19	830.7	1200.9
225	239.7	397.3	0.018600	1.921	372.17	828.9	1201.1
230	244.7	399.1	0.018626	1.883	374.12	827.2	1201.3
235	249.7	400.9	0.018651	1.846	376.04	825.5	1201.6
240	254.7	402.6	0.018676	1.811	377.94	823.9	1201.8
245	259.7	404.3	0.018701	1.777	379.81	822.2	1202.0
250	264.7	406.0	0.018726	1.744	381.65	820.6	1202.2
255	269.7	407.7	0.018751	1.713	383.47	818.9	1202.4
260	274.7	409.4	0.018776	1.682	385.26	817.3	1202.6
265	279.7	411.0	0.018800	1.653	387.03	815.7	1202.8
270	284.7	412.6	0.018824	1.625	388.78	814.1	1202.9
275	289.7	414.2	0.018848	1.597	390.51	812.6	1203.1
280	294.7	415.7	0.018872	1.571	392.21	811.0	1203.2
285	299.7	417.3	0.018895	1.545	393.90	809.5	1203.4
290	304.7	418.8	0.018919	1.520	395.56	807.9	1203.5
295	309.7	420.3	0.018942	1.496	397.21	806.4	1203.6
300	314.7	421.8	0.018965	1.473	398.84	804.9	1203.8
310	324.7	424.7	0.019011	1.428	402.04	802.0	1204.0
320	334.7	427.5	0.019057	1.386	405.17	799.0	1204.2
330	344.7	430.3	0.019102	1.346	408.24	796.1	1204.4
340	354.7	433.0	0.019146	1.309	411.25	793.3	1204.5
350	364.7	435.7	0.019190	1.273	414.19	790.5	1204.7
360	374.7	438.3	0.019234	1.240	417.09	787.7	1204.8
370	384.7	440.8	0.019277	1.208	419.93	785.0	1204.9
380	394.7	443.3	0.019320	1.177	422.72	782.3	1205.0
390	404.7	445.8	0.019363	1.148	425.46	779.6	1205.1
400	414.7	448.2	0.019405	1.121	428.15	777.0	1205.1
410	424.7	450.5	0.019446	1.094	430.80	774.4	1205.2
420	434.7	452.8	0.019488	1.069	433.41	771.8	1205.2
430	444.7	455.1	0.019529	1.045	435.98	769.2	1205.2
440	454.7	457.4	0.019570	1.022	438.51	766.7	1205.2
450	464.7	459.6	0.019611	1.000	441.01	764.2	1205.2
460	474.7	461.7	0.019651	0.978	443.46	761.7	1205.1
470	484.7	463.9	0.019691	0.958	445.89	759.2	1205.1
480	494.7	465.9	0.019731	0.938	448.28	756.8	1205.0
490	504.7	468.0	0.019771	0.919	450.64	754.3	1205.0
500	514.7	470.0	0.019810	0.901	452.96	751.9	1204.9
510	524.7	472.0	0.019850	0.884	455.26	749.6	1204.8
520	534.7	474.0	0.019889	0.867	457.53	747.2	1204.7

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530	544.7	476.0	0.019928	0.851	459.77	744.8	1204.6
540	554.7	477.9	0.019966	0.835	461.99	742.5	1204.5
550	564.7	479.8	0.020005	0.820	464.18	740.2	1204.4
560	574.7	481.6	0.020043	0.805	466.34	737.9	1204.2
570	584.7	483.5	0.020082	0.791	468.48	735.6	1204.1
580	594.7	485.3	0.020120	0.777	470.59	733.4	1204.0
590	604.7	487.1	0.020158	0.764	472.69	731.1	1203.8
600	614.7	488.9	0.020196	0.751	474.76	728.9	1203.6