

Temp °F	Pressure			Specific Vol. (ft <sup>3</sup> /lbm)		Enthalpy (Btu/Lbm)			Temp °F
	In Hg Vac.	mm Hg Abs.	PSIA	Liquid	Vapor	Liquid	Vapor	Latent Heat	
32	29.7417	4.5797	0.08856	0.01602	3304.60	0.00	1075.16	1075.16	32
33	29.7342	4.7702	0.09224	0.01602	3180.50	1.01	1075.60	1074.59	33
34	29.7265	4.9658	0.09602	0.01602	3061.70	2.01	1076.40	1074.39	34
35	29.7185	5.1690	0.09995	0.01602	2947.80	3.02	1076.48	1073.46	35
36	29.7102	5.3798	0.10403	0.01602	2838.70	4.02	1076.92	1072.90	36
37	29.7017	5.5957	0.10820	0.01602	2734.10	5.03	1077.36	1072.33	37
38	29.6928	5.8218	0.11257	0.01602	2633.80	6.03	1077.80	1071.77	38
39	29.6837	6.0529	0.11704	0.01602	2537.60	7.04	1078.24	1071.20	39
40	29.6742	6.2942	0.12171	0.01602	2445.40	8.04	1078.68	1070.64	40
41	29.6644	6.5431	0.12652	0.01602	2356.90	9.05	1079.11	1070.06	41
42	29.6543	6.7997	0.13148	0.01602	2272.00	10.05	1079.55	1069.50	42
43	29.6438	7.0664	0.13664	0.01602	2190.50	11.05	1079.99	1068.94	43
44	29.6329	7.3432	0.14199	0.01602	2112.30	12.06	1080.43	1068.37	44
45	29.6216	7.6303	0.14754	0.01602	2037.30	13.06	1080.87	1067.81	45
46	29.6100	7.9249	0.15324	0.01602	1965.20	14.06	1081.30	1067.24	46
47	29.5980	8.2297	0.15914	0.01602	1896.00	15.06	1081.74	1066.68	47
48	29.5856	8.5447	0.16523	0.01602	1829.50	16.07	1082.18	1066.11	48
49	29.5727	8.8723	0.17156	0.01602	1765.70	17.07	1082.62	1065.55	49
50	29.5594	9.2102	0.17809	0.01602	1704.30	18.07	1083.06	1064.99	50
51	29.5456	9.5607	0.18487	0.01602	1645.40	19.07	1083.49	1064.42	51
52	29.5314	9.9214	0.19185	0.01602	1588.70	20.07	1083.93	1063.86	52
53	29.5168	10.2922	0.19902	0.01603	1534.30	21.07	1084.37	1063.30	53
54	29.5017	10.6758	0.20643	0.01603	1481.90	22.07	1084.80	1062.73	54
55	29.4861	11.0720	0.21410	0.01603	1431.50	23.08	1085.24	1062.16	55
56	29.4700	11.4810	0.22200	0.01603	1383.10	24.08	1085.68	1061.60	56
57	29.4534	11.9026	0.23016	0.01603	1336.50	25.08	1086.12	1061.04	57
58	29.4362	12.3395	0.23861	0.01603	1291.70	26.08	1086.55	1060.47	58
59	29.4185	12.7891	0.24730	0.01603	1248.60	27.08	1086.99	1059.91	59
60	29.4002	13.2539	0.25629	0.01603	1207.10	28.08	1087.42	1059.34	60
61	29.3813	13.7340	0.26557	0.01604	1167.20	29.08	1087.86	1058.78	61
62	29.3619	14.2267	0.27510	0.01604	1128.70	30.08	1088.30	1058.22	62
63	29.3418	14.7373	0.28497	0.01604	1091.70	31.08	1088.73	1057.65	63
64	29.3211	15.2631	0.29514	0.01604	1056.10	32.08	1089.17	1057.09	64
65	29.2998	15.8041	0.30560	0.01604	1021.70	33.08	1089.60	1056.52	65
66	29.2778	16.3629	0.31640	0.01604	988.65	34.07	1090.04	1055.97	66
67	29.2551	16.9395	0.32755	0.01605	956.78	35.07	1090.47	1055.40	67
68	29.2317	17.5339	0.33905	0.01605	926.08	36.07	1090.91	1054.84	68
69	29.2076	18.1460	0.35088	0.01605	896.49	37.07	1091.34	1054.27	69

# STEAM

## Saturated Steam Table

Temp °F	Pressure			Specific Vol. (ft <sup>3</sup> /lbm)		Enthalpy (Btu/Lbm)			Temp °F
	In Hg Vac.	mm Hg Abs.	PSIA	Liquid	Vapor	Liquid	Vapor	Latent Heat	
70	29.1828	18.7759	0.36306	0.01605	867.97	38.07	1091.78	1053.71	70
71	29.1572	19.4262	0.37564	0.01605	840.47	39.07	1092.21	1053.14	71
72	29.1308	20.0968	0.38861	0.01606	813.97	40.07	1092.65	1052.58	72
73	29.1037	20.7851	0.40192	0.01606	788.40	41.07	1093.08	1052.01	73
74	29.0758	21.4938	0.41562	0.01606	763.75	42.06	1093.52	1051.46	74
75	29.0470	22.2253	0.42976	0.01606	739.97	43.06	1093.95	1050.89	75
76	29.0174	22.9772	0.44430	0.01606	717.03	44.06	1094.38	1050.32	76
77	28.9868	23.7544	0.45933	0.01607	694.90	45.06	1094.82	1049.76	77
78	28.9554	24.5520	0.47475	0.01607	673.54	46.06	1095.25	1049.19	78
79	28.9231	25.3724	0.49062	0.01607	652.93	47.06	1095.68	1048.62	79
80	28.8899	26.2157	0.50693	0.01607	633.03	48.05	1096.12	1048.07	80
81	28.8556	27.0869	0.52377	0.01608	613.82	49.05	1096.55	1047.50	81
82	28.8204	27.9810	0.54106	0.01608	595.27	50.50	1096.98	1046.48	82
83	28.7842	28.9005	0.55884	0.01608	577.36	51.05	1097.42	1046.37	83
84	28.7470	29.8454	0.57711	0.01608	560.06	52.05	1097.85	1045.80	84
85	28.7087	30.8182	0.59592	0.01609	543.35	53.05	1098.28	1045.23	85
86	28.6693	31.8190	0.61528	0.01609	527.21	54.04	1098.71	1044.67	86
87	28.6289	32.8452	0.63512	0.01609	511.62	55.04	1099.14	1044.10	87
88	28.5873	33.9018	0.65555	0.01610	496.54	56.04	1099.58	1043.54	88
89	28.5445	34.9890	0.67657	0.01610	481.98	57.04	1100.01	1042.97	89
90	28.5005	36.1066	0.69818	0.01610	467.90	58.04	1100.44	1042.40	90
91	28.4553	37.2547	0.72038	0.01610	454.28	59.03	1100.87	1041.84	91
92	28.4089	38.4333	0.74317	0.01611	441.12	60.03	1101.30	1041.27	92
93	28.3612	39.6449	0.76660	0.01611	428.40	61.03	1101.73	1040.70	93
94	28.3123	40.8869	0.79062	0.01611	416.09	62.03	1102.16	1040.13	94
95	28.2620	42.1646	0.81532	0.01612	404.19	63.03	1102.59	1039.56	95
96	28.2103	43.4778	0.84072	0.01612	392.67	64.02	1103.02	1039.00	96
97	28.1573	44.8240	0.86675	0.01612	381.53	65.02	1103.45	1038.43	97
98	28.1028	46.2083	0.89352	0.01612	370.75	66.02	1103.88	1037.86	98
99	28.0469	47.6282	0.92097	0.01613	360.32	67.02	1104.31	1037.29	99
100	27.9895	49.0862	0.94917	0.01613	350.22	68.02	1104.74	1036.72	100
101	27.9305	50.5848	0.97814	0.01614	340.44	69.01	1105.17	1036.16	101
102	27.8701	52.1190	1.00781	0.01614	330.98	70.01	1105.59	1035.58	102
103	27.8082	53.6912	1.03821	0.01614	321.82	71.01	1106.02	1035.01	103
104	27.7445	55.3092	1.06950	0.01614	312.95	72.01	1106.45	1034.44	104
105	27.6791	56.9704	1.10162	0.01615	304.36	73.01	1106.88	1033.87	105
106	27.6121	58.6723	1.13453	0.01615	296.04	74.01	1107.30	1033.29	106
107	27.5434	60.4173	1.16827	0.01616	287.98	75.00	1107.73	1032.73	107

Temp °F	Pressure			Specific Vol. (ft <sup>3</sup> /lbm)		Enthalpy (Btu/Lbm)			Temp °F
	In Hg Vac.	mm Hg Abs.	PSIA	Liquid	Vapor	Liquid	Vapor	Latent Heat	
108	27.4729	62.2080	1.20290	0.01616	280.16	76.00	1108.16	1032.16	108
109	27.4006	64.0444	1.23841	0.01616	272.60	77.00	1108.58	1031.58	109
110	27.3265	65.9266	1.27480	0.01617	265.26	78.00	1109.01	1031.01	110
111	27.2505	67.8570	1.31213	0.01617	258.16	79.00	1109.44	1030.44	111
112	27.1726	69.8357	1.35039	0.01617	251.27	80.00	1109.86	1029.86	112
113	27.0927	71.8652	1.38964	0.01618	244.59	80.99	1110.29	1029.30	113
114	27.0109	73.9429	1.42981	0.01618	238.12	81.99	1110.71	1028.72	114
115	26.9272	76.0689	1.47092	0.01618	231.84	82.99	1111.14	1028.15	115
116	26.8414	78.2483	1.51306	0.01619	225.75	83.99	1111.56	1027.57	116
117	26.7533	80.4861	1.55634	0.01619	219.85	84.99	1111.98	1026.99	117
118	26.6631	82.7772	1.60064	0.01620	214.12	85.99	1112.41	1026.42	118
119	26.5708	85.1216	1.64597	0.01620	208.56	86.98	1112.83	1025.85	119
120	26.4762	87.5245	1.69244	0.01620	203.18	87.98	1113.26	1025.28	120
121	26.3793	89.9858	1.74003	0.01621	197.95	88.98	1113.68	1024.70	121
122	26.2700	92.7621	1.79371	0.01621	192.87	89.98	1114.10	1024.12	122
123	26.1784	95.0887	1.83870	0.01622	187.95	90.98	1114.52	1023.54	123
124	26.0745	97.7278	1.88973	0.01622	183.17	91.98	1114.94	1022.96	124
125	25.9681	100.4304	1.94199	0.01622	178.53	92.98	1115.37	1022.39	125
126	25.8591	103.1991	1.99553	0.01623	174.02	93.98	1115.79	1021.81	126
127	25.7475	106.0337	2.05034	0.01623	169.65	94.97	1116.21	1021.24	127
128	25.6333	108.9345	2.10643	0.01624	165.40	95.97	1116.63	1020.66	128
129	25.5165	111.9012	2.16380	0.01624	161.28	96.97	1117.05	1020.08	129
130	25.3969	114.9391	2.22254	0.01625	157.27	97.97	1117.47	1019.50	130
131	25.2746	118.0456	2.28261	0.01625	153.39	98.97	1117.89	1018.92	131
132	25.1495	121.2231	2.34406	0.01626	149.60	99.97	1118.31	1018.34	132
133	25.0215	124.4744	2.40693	0.01626	145.93	100.97	1118.73	1017.76	133
134	24.8906	127.7993	2.47122	0.01626	142.36	101.97	1119.15	1017.18	134
135	24.7567	131.2004	2.53698	0.01627	138.89	102.97	1119.56	1016.59	135
136	24.6198	134.6777	2.60422	0.01627	135.52	103.97	1119.98	1016.01	136
137	24.4799	138.2312	2.67294	0.01628	132.24	104.97	1120.40	1015.43	137
138	24.3368	141.8660	2.74322	0.01628	129.06	105.97	1120.82	1014.85	138
139	24.1904	145.5846	2.81513	0.01629	125.96	106.97	1121.23	1014.26	139
140	24.0408	149.3845	2.88861	0.01629	122.96	107.96	1121.65	1013.69	140
141	23.8879	153.2682	2.96370	0.01630	120.03	108.96	1122.07	1013.11	141
142	23.7317	157.2357	3.04042	0.01630	117.18	109.96	1122.48	1012.52	142
143	23.5720	161.2922	3.11886	0.01631	114.42	110.96	1122.90	1011.94	143
144	23.4088	165.4375	3.19902	0.01631	111.72	111.96	1123.31	1011.35	144
145	23.2420	169.6743	3.28094	0.01632	109.11	112.96	1123.73	1010.77	145

# STEAM

## Saturated Steam Table

Temp °F	Pressure			Specific Vol. (ft <sup>3</sup> /lbm)		Enthalpy (Btu/Lbm)			Temp °F
	In Hg Vac.	mm Hg Abs.	PSIA	Liquid	Vapor	Liquid	Vapor	Latent Heat	
146	23.0720	173.9924	3.36444	0.01632	106.56	113.96	1124.14	1010.18	146
147	22.8980	178.4120	3.44990	0.01633	104.08	114.96	1124.55	1009.59	147
148	22.7200	182.9333	3.53733	0.01633	101.67	115.96	1124.97	1009.01	148
149	22.5380	187.5561	3.62672	0.01634	99.32	116.96	1125.38	1008.42	149
150	22.3530	192.2552	3.71758	0.01634	97.04	117.96	1125.79	1007.83	150
151	22.1630	197.0813	3.81090	0.01635	94.82	118.96	1126.20	1007.24	151
152	21.9700	201.9835	3.90570	0.01635	92.65	119.96	1126.62	1006.66	152
153	21.7720	207.0128	4.00295	0.01636	90.54	120.97	1127.03	1006.06	153
154	21.5710	212.1183	4.10167	0.01636	88.49	121.97	1127.44	1005.47	154
155	21.3650	217.3507	4.20285	0.01637	86.50	122.97	1127.85	1004.88	155
156	21.1550	222.6848	4.30599	0.01637	84.55	123.97	1128.26	1004.29	156
157	20.9410	228.1205	4.41110	0.01638	82.66	124.97	1128.67	1003.70	157
158	20.7220	233.6832	4.51866	0.01638	80.81	125.97	1129.08	1003.11	158
159	20.4980	239.3728	4.62868	0.01639	79.02	126.97	1129.48	1002.51	159
160	20.2700	245.1641	4.74067	0.01639	77.27	127.97	1129.89	1001.92	160
161	20.0370	251.0824	4.85511	0.01640	75.56	128.97	1130.30	1001.33	161
162	19.8000	257.1023	4.97151	0.01640	73.90	129.97	1130.71	1000.74	162
163	19.5580	263.2492	5.09037	0.01641	72.28	130.98	1131.11	1000.13	163
164	19.3110	269.5230	5.21169	0.01642	70.71	131.98	1131.52	999.54	164
165	19.5390	263.7318	5.09971	0.01642	69.17	132.98	1131.92	998.94	165
166	18.8020	282.4518	5.46169	0.01643	67.67	133.98	1132.33	998.35	166
167	18.5400	289.1067	5.59037	0.01643	66.21	134.98	1132.73	997.75	167
168	18.2730	295.8886	5.72151	0.01644	64.79	135.98	1133.14	997.16	168
169	18.0010	302.7975	5.85511	0.01644	63.40	136.99	1133.54	996.55	169
170	17.7230	309.8588	5.99165	0.01645	62.05	137.99	1133.94	995.95	170
171	17.4390	317.0725	6.13114	0.01645	60.73	138.99	1134.35	995.36	171
172	17.1500	324.4132	6.27308	0.01646	59.44	139.99	1134.75	994.76	172
173	16.8560	331.8809	6.41749	0.01647	58.18	141.00	1135.15	994.15	173
174	16.5560	339.5010	6.56483	0.01647	56.96	142.00	1135.55	993.55	174
175	16.2510	347.2481	6.71464	0.01648	55.77	143.00	1135.95	992.95	175
176	15.9390	355.1730	6.86788	0.01648	54.60	144.00	1136.35	992.35	176
177	15.6210	363.2503	7.02407	0.01649	53.47	145.00	1136.75	991.75	177
178	15.2970	371.4800	7.18320	0.01650	52.36	146.01	1137.15	991.14	178
179	14.9670	379.8621	7.34528	0.01650	51.28	147.01	1137.55	990.54	179
180	14.6310	388.3967	7.51031	0.01651	50.22	148.01	1137.94	989.93	180
181	14.2890	397.0836	7.67829	0.01651	49.19	149.02	1138.34	989.32	181
182	13.9400	405.9483	7.84971	0.01652	48.19	150.02	1138.74	988.72	182
183	13.5850	414.9654	8.02407	0.01652	47.20	151.02	1139.14	988.12	183

Temp °F	Pressure			Specific Vol.(ft <sup>3</sup> /lbm)		Enthalpy (Btu/Lbm)			Temp °F
	In Hg Vac.	mm Hg Abs.	PSIA	Liquid	Vapor	Liquid	Vapor	Latent Heat	
184	13.2230	424.1603	8.20187	0.01653	46.25	152.03	1139.53	987.50	184
185	12.8540	433.5331	8.38310	0.01654	45.31	153.03	1139.92	986.89	185
186	12.4790	443.0582	8.56729	0.01654	44.40	154.04	1140.32	986.28	186
187	12.0970	452.7611	8.75491	0.01655	43.51	155.04	1140.71	985.67	187
188	11.7080	462.6419	8.94597	0.01656	42.64	156.04	1141.11	985.07	188
189	11.3110	472.7258	9.14096	0.01656	41.79	157.05	1141.50	984.45	189
190	10.9080	482.9621	9.33890	0.01657	40.96	158.05	1141.89	983.84	190
191	10.4970	493.4017	9.54077	0.01658	40.15	159.06	1142.28	983.22	191
192	10.0790	504.0190	9.74607	0.01658	39.35	160.06	1142.67	982.61	192
193	9.6530	514.8396	9.95530	0.01659	38.58	161.06	1143.06	982.00	193
194	9.2190	525.8633	10.16847	0.01659	37.82	162.07	1143.45	981.38	194
195	8.7780	537.0649	10.38507	0.01660	37.09	163.08	1143.84	980.76	195
196	8.3290	548.4696	10.60560	0.01661	36.37	164.08	1144.23	980.15	196
197	7.8720	560.0776	10.83006	0.01661	35.66	165.08	1144.62	979.54	197
198	7.4070	571.8887	11.05845	0.01662	34.97	166.09	1145.00	978.91	198
199	6.9350	583.8777	11.29028	0.01663	34.30	167.10	1145.39	978.29	199
200	6.4550	596.0699	11.52603	0.01663	33.64	168.10	1145.78	977.68	200
201	5.9650	608.5160	11.76670	0.01664	33.00	169.11	1146.16	977.05	201
202	5.4670	621.1654	12.01130	0.01665	32.37	170.11	1146.54	976.43	202
203	4.9610	634.0180	12.25982	0.01665	31.75	171.12	1146.93	975.81	203
204	4.4470	647.0738	12.51228	0.01666	31.15	172.12	1147.31	975.19	204
205	3.9220	660.4089	12.77014	0.01667	30.57	173.13	1147.69	974.56	205
206	3.3910	673.8965	13.03094	0.01667	29.99	174.14	1148.08	973.94	206
207	2.8480	687.6889	13.29764	0.01668	29.43	175.14	1148.46	973.32	207
208	2.2970	701.6845	13.56827	0.01669	28.88	176.15	1148.84	972.69	208
209	1.7370	715.9087	13.84332	0.01669	28.34	177.16	1149.22	972.06	209
210	1.1670	730.3869	14.12328	0.01670	27.82	178.17	1149.60	971.43	210
211	0.5890	745.0683	14.40717	0.01671	27.30	179.17	1149.98	970.81	211
212	0.0000	760.0291	14.69646	0.01671	26.80	180.16	1150.50	970.34	212
214		823.3561	15.92100	0.01673	25.83	182.17	1151.20	969.03	214
216		822.4252	15.90300	0.01674	24.90	184.18	1152.00	967.82	216
218		855.1092	16.53500	0.01676	24.00	186.20	1152.70	966.50	218
220		888.8791	17.18800	0.01677	23.15	188.22	1153.50	965.28	220
222		923.6834	17.86100	0.01679	22.33	190.24	1154.20	963.96	222
224		959.6771	18.55700	0.01680	21.55	192.26	1154.90	962.64	224
226		996.8086	19.27500	0.01682	20.80	194.28	1155.70	961.42	226
228		1035.0777	20.01500	0.01683	20.08	196.30	1156.40	960.10	228
230		1074.6398	20.78000	0.01685	19.39	198.32	1157.10	958.78	230

# STEAM

## Saturated Steam Table

Temp °F	Pressure			Specific Vol. (ft <sup>3</sup> /lbm)		Enthalpy (Btu/Lbm)			Temp °F
	In Hg Vac.	mm Hg Abs.	PSIA	Liquid	Vapor	Liquid	Vapor	Latent Heat	
232		1115.4947	21.570	0.01686	18.7230	200.34	1157.90	957.56	232
234		1157.3839	22.380	0.01688	18.0870	202.37	1158.60	956.23	234
236		1200.8246	23.220	0.01689	17.4760	204.39	1159.30	954.91	236
238		1245.2996	24.080	0.01691	16.8900	206.42	1160.00	953.58	238
240		1291.3260	24.970	0.01692	16.3270	208.44	1160.70	952.26	240
242		1338.3868	25.880	0.01694	15.7860	210.47	1161.40	950.93	242
244		1386.9990	26.820	0.01695	15.2670	212.49	1162.10	949.61	244
246		1437.1626	27.790	0.01697	14.7670	214.52	1162.80	948.28	246
248		1488.8777	28.790	0.01699	14.2870	216.55	1163.50	946.95	248
250		1542.1443	29.820	0.01700	13.8260	218.59	1164.20	945.61	250
252		1596.9623	30.880	0.01702	13.3820	220.62	1164.90	944.28	252
254		1653.3317	31.970	0.01703	12.9550	222.65	1165.60	942.95	254
256		1711.2527	33.090	0.01705	12.5440	224.68	1166.20	941.52	256
258		1770.7250	34.240	0.01707	12.1490	226.72	1166.90	940.18	258
260		1831.7488	35.420	0.01708	11.7680	228.76	1167.60	938.84	260
262		1894.8413	36.640	0.01710	11.4020	230.79	1168.30	937.51	262
264		1959.4851	37.890	0.01712	11.0490	232.83	1168.90	936.07	264
266		2025.6805	39.170	0.01714	10.7090	234.87	1169.60	934.73	266
268		2093.9444	40.490	0.01715	10.3820	236.91	1170.20	933.29	268
270		2164.2769	41.850	0.01717	10.0660	238.95	1170.90	931.95	270
272		2236.1609	43.240	0.01719	9.7620	241.00	1171.60	930.60	272
274		2310.1135	44.670	0.01721	9.4690	243.04	1172.20	929.16	274
276		2385.6176	46.130	0.01722	9.1860	245.08	1172.80	927.72	276
278		2463.7074	47.640	0.01724	8.9130	247.13	1173.50	926.37	278
280		2543.3486	49.180	0.01726	8.6500	249.18	1174.10	924.92	280
282		2625.5756	50.770	0.01728	8.3970	251.23	1174.70	923.47	282
284		2709.8712	52.400	0.01730	8.1520	253.28	1175.40	922.12	284
286		2796.2355	54.070	0.01731	7.9150	255.33	1176.00	920.67	286
288		2884.6683	55.780	0.01733	7.6870	257.38	1176.60	919.22	288
290		2975.1697	57.530	0.01735	7.4670	259.44	1177.20	917.76	290
292		3068.2569	59.330	0.01737	7.2540	261.50	1177.80	916.30	292
294		3163.4127	61.170	0.01739	7.0480	263.55	1178.40	914.85	294
296		3261.1542	63.060	0.01741	6.8490	265.61	1179.00	913.39	296
298		3361.4815	65.000	0.01743	6.6570	267.67	1179.60	911.93	298
300		3463.8774	66.980	0.01745	6.4720	269.73	1180.20	910.47	300
310		4015.1604	77.640	0.01755	5.6320	280.06	1183.00	902.94	310
320		4633.6730	89.600	0.01765	4.9190	290.43	1185.80	895.37	320
330		5326.6553	103.000	0.01776	4.3120	300.84	1188.40	887.56	330

Temp °F	Pressure			Specific Vol. (ft <sup>3</sup> /lbm)		Enthalpy (Btu/Lbm)			Temp °F
	In Hg Vac.	mm Hg Abs.	PSIA	Liquid	Vapor	Liquid	Vapor	Latent Heat	
340		6098.7617	117.930	0.01787	3.7920	311.30	1190.80	879.50	340
345		6528.2363	126.235	0.01793	3.5690	316.55	1191.95	875.40	345
350		6957.2324	134.530	0.01799	3.3460	321.80	1193.10	871.30	350
360		7908.2731	152.920	0.01811	2.9610	332.35	1195.20	862.85	360
370		8958.6068	173.230	0.01823	2.2680	342.96	1197.20	854.24	370
380		10115.4736	195.600	0.01836	2.3390	353.62	1199.00	845.38	380
390		11387.6650	220.200	0.01850	2.0870	364.34	1200.60	836.26	390
400		12778.8012	247.100	0.01864	1.8661	375.12	1202.00	826.88	400
410		14299.2252	276.500	0.01878	1.6726	385.97	1203.10	817.13	410
420		15954.1084	308.500	0.01894	1.5024	396.89	1204.10	807.21	420
430		17753.7938	343.300	0.01909	1.3521	407.89	1204.80	796.91	430
440		19713.7961	381.200	0.01926	1.2192	418.98	1205.30	786.32	440
450		21828.9437	422.100	0.01943	1.1011	430.20	1205.60	775.40	450
460		24114.7511	466.300	0.01961	0.9961	441.40	1205.50	764.10	460
470		26586.7329	514.100	0.01980	0.9025	452.80	1205.20	752.40	470
480		29244.8891	565.500	0.02000	0.8187	464.30	1204.60	740.30	480
490		32099.5626	620.700	0.02021	0.7436	475.90	1203.70	727.80	490
500		35166.2680	680.000	0.02043	0.6761	487.70	1202.50	714.80	500