

5.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
					91	34.3472	3151.9	3137.2	56.49
					92	34.1879	3198.5	3183.7	57.00
					93	34.0269	3245.3	3230.5	57.50
					94	33.8642	3292.3	3277.4	58.01
					95	33.7000	3339.5	3324.4	58.50
					96	33.5341	3386.8	3371.7	59.00
					97	33.3665	3434.3	3419.1	59.49
					98	33.1973	3482.0	3466.7	59.98
					99	33.0263	3529.8	3514.5	60.47
					100	32.8536	3577.8	3562.4	60.95
					101	32.6790	3625.9	3610.4	61.43
					102	32.5026	3674.3	3658.7	61.90
					103	32.3242	3722.8	3707.1	62.38
					104	32.1437	3771.4	3755.6	62.85
					105	31.9612	3820.2	3804.4	63.31
				*	105.926	31.7901	3865.6	3849.7	63.74
				*	105.926	0.642163	9636.4	8847.5	118.22
					106	0.641553	9638.3	8848.6	118.24
					107	0.633400	9663.9	8864.1	118.48
					108	0.625501	9689.4	8879.4	118.72
					109	0.617842	9714.7	8894.7	118.95
					110	0.610410	9739.8	8909.8	119.18
					111	0.603193	9764.9	8924.9	119.41
					112	0.596181	9789.7	8939.9	119.63
					113	0.589364	9814.5	8954.9	119.85
					114	0.582732	9839.1	8969.7	120.07
					115	0.576276	9863.7	8984.5	120.28
					116	0.569989	9888.1	8999.2	120.49
					117	0.563862	9912.4	9013.9	120.70
					118	0.557890	9936.6	9028.5	120.91
					119	0.552064	9960.8	9043.0	121.11
					120	0.546380	9984.8	9057.5	121.31
					121	0.540831	10008.7	9072.0	121.51
					122	0.535412	10032.6	9086.3	121.71
					123	0.530117	10056.4	9100.7	121.90
					124	0.524942	10080.1	9115.0	122.10
					125	0.519883	10103.7	9129.2	122.29
					126	0.514934	10127.3	9143.4	122.47
					127	0.510092	10150.8	9157.5	122.66
					128	0.505353	10174.2	9171.7	122.84
					129	0.500714	10197.6	9185.7	123.02
					130	0.496170	10220.9	9199.8	123.20
					131	0.491718	10244.1	9213.8	123.38
					132	0.487357	10267.3	9227.7	123.56
					133	0.483081	10290.4	9241.7	123.73
					134	0.478889	10313.5	9255.5	123.91
					135	0.474778	10336.5	9269.4	124.08
					136	0.470745	10359.5	9283.2	124.25
					137	0.466788	10382.4	9297.0	124.41
					138	0.462904	10405.3	9310.8	124.58
					139	0.459092	10428.1	9324.5	124.75
					140	0.455349	10450.9	9338.3	124.91
					141	0.451673	10473.6	9352.0	125.07
					142	0.448061	10496.3	9365.6	125.23
					143	0.444513	10519.0	9379.3	125.39
					144	0.441027	10541.6	9392.9	125.55
					145	0.437599	10564.2	9406.5	125.70
					146	0.434230	10586.8	9420.0	125.86
					147	0.430918	10609.3	9433.6	126.01
					148	0.427660	10631.8	9447.1	126.17
					149	0.424455	10654.2	9460.6	126.32
					150	0.421303	10676.6	9474.1	126.47
					151	0.418201	10699.0	9487.5	126.62
					152	0.415148	10721.4	9501.0	126.76
					153	0.412143	10743.7	9514.4	126.91
					154	0.409185	10766.0	9527.8	127.05
					155	0.406273	10788.2	9541.2	127.20
					156	0.403405	10810.5	9554.6	127.34
					157	0.400580	10832.7	9567.9	127.48
					158	0.397798	10854.8	9581.2	127.62
					159	0.395057	10877.0	9594.6	127.76
					160	0.392357	10899.1	9607.9	127.90
86	35.1189	2921.9	2907.4	53.89					
87	34.9680	2967.5	2953.0	54.41					
88	34.8154	3013.3	2998.7	54.94					
89	34.6610	3059.3	3044.7	55.46					
90	34.5050	3105.5	3090.8	55.97					

* PHASE CHANGE

5.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
161	0.389696	10921.2	9621.2	128.04	231	0.266141	12431.9	10528.2	135.84
162	0.387073	10943.3	9634.4	128.18	232	0.264958	12453.1	10541.0	135.93
163	0.384488	10965.4	9647.7	128.31	233	0.263785	12474.4	10553.7	136.02
164	0.381939	10987.4	9660.9	128.45	234	0.262623	12495.6	10566.5	136.11
165	0.379427	11009.4	9674.2	128.58	235	0.261472	12516.9	10579.2	136.21
166	0.376949	11031.4	9687.4	128.71	236	0.260330	12538.1	10592.0	136.30
167	0.374506	11053.4	9700.6	128.85	237	0.259199	12559.4	10604.7	136.39
168	0.372096	11075.4	9713.8	128.98	238	0.258078	12580.6	10617.5	136.47
169	0.369719	11097.3	9727.0	129.11	239	0.256967	12601.8	10630.2	136.56
170	0.367374	11119.2	9740.1	129.24	240	0.255866	12623.0	10642.9	136.65
171	0.365061	11141.1	9753.3	129.37	241	0.254774	12644.2	10655.7	136.74
172	0.362778	11163.0	9766.4	129.49	242	0.253692	12665.4	10668.4	136.83
173	0.360526	11184.8	9779.6	129.62	243	0.252619	12686.7	10681.1	136.92
174	0.358302	11206.7	9792.7	129.75	244	0.251555	12707.9	10693.8	137.00
175	0.356108	11228.5	9805.8	129.87	245	0.250501	12729.0	10706.5	137.09
176	0.353942	11250.3	9818.9	129.99	246	0.249455	12750.2	10719.3	137.18
177	0.351804	11272.1	9832.0	130.12	247	0.248419	12771.4	10732.0	137.26
178	0.349692	11293.9	9845.1	130.24	248	0.247391	12792.6	10744.7	137.35
179	0.347608	11315.6	9858.1	130.36	249	0.246372	12813.8	10757.4	137.43
180	0.345549	11337.4	9871.2	130.48	250	0.245361	12835.0	10770.1	137.52
181	0.343516	11359.1	9884.2	130.60	251	0.244359	12856.1	10782.8	137.60
182	0.341508	11380.8	9897.3	130.72	252	0.243366	12877.3	10795.5	137.69
183	0.339524	11402.5	9910.3	130.84	253	0.242380	12898.5	10808.2	137.77
184	0.337565	11424.2	9923.3	130.96	254	0.241403	12919.6	10820.9	137.85
185	0.335629	11445.9	9936.4	131.08	255	0.240433	12940.8	10833.6	137.94
186	0.333717	11467.5	9949.4	131.20	256	0.239472	12961.9	10846.3	138.02
187	0.331827	11489.2	9962.4	131.31	257	0.238518	12983.1	10858.9	138.10
188	0.329959	11510.8	9975.4	131.43	258	0.237572	13004.2	10871.6	138.18
189	0.328113	11532.4	9988.3	131.54	259	0.236634	13025.3	10884.3	138.27
190	0.326289	11554.0	10001.3	131.66	260	0.235703	13046.5	10897.0	138.35
191	0.324486	11575.6	10014.3	131.77	261	0.234780	13067.6	10909.7	138.43
192	0.322704	11597.2	10027.2	131.88	262	0.233864	13088.7	10922.3	138.51
193	0.320942	11618.8	10040.2	131.99	263	0.232955	13109.9	10935.0	138.59
194	0.319200	11640.4	10053.1	132.11	264	0.232053	13131.0	10947.7	138.67
195	0.317477	11661.9	10066.1	132.22	265	0.231159	13152.1	10960.4	138.75
196	0.315774	11683.5	10079.0	132.33	266	0.230271	13173.2	10973.0	138.83
197	0.314090	11705.0	10091.9	132.44	267	0.229391	13194.3	10985.7	138.91
198	0.312424	11726.5	10104.9	132.54	268	0.228517	13215.4	10998.4	138.99
199	0.310777	11748.0	10117.8	132.65	269	0.227650	13236.5	11011.0	139.07
200	0.309148	11769.5	10130.7	132.76	270	0.226790	13257.6	11023.7	139.14
201	0.307536	11791.0	10143.6	132.87	271	0.225936	13278.7	11036.3	139.22
202	0.305942	11812.5	10156.5	132.97	272	0.225089	13299.8	11049.0	139.30
203	0.304365	11833.9	10169.4	133.08	273	0.224248	13320.9	11061.6	139.38
204	0.302804	11855.4	10182.2	133.19	274	0.223414	13342.0	11074.3	139.45
205	0.301261	11876.9	10195.1	133.29	275	0.222586	13363.1	11086.9	139.53
206	0.299733	11898.3	10208.0	133.40	276	0.221764	13384.2	11099.6	139.61
207	0.298221	11919.7	10220.9	133.50	277	0.220948	13405.3	11112.2	139.68
208	0.296726	11941.2	10233.7	133.60	278	0.220138	13426.3	11124.9	139.76
209	0.295245	11962.6	10246.6	133.71	279	0.219335	13447.4	11137.5	139.84
210	0.293780	11984.0	10259.4	133.81	280	0.218537	13468.5	11150.2	139.91
211	0.292330	12005.4	10272.3	133.91	281	0.217745	13489.6	11162.8	139.99
212	0.290894	12026.8	10285.1	134.01	282	0.216959	13510.6	11175.5	140.06
213	0.289473	12048.2	10297.9	134.11	283	0.216179	13531.7	11188.1	140.14
214	0.288067	12069.5	10310.8	134.21	284	0.215405	13552.8	11200.7	140.21
215	0.286674	12090.9	10323.6	134.31	285	0.214636	13573.8	11213.4	140.28
216	0.285296	12112.3	10336.4	134.41	286	0.213872	13594.9	11226.0	140.36
217	0.283930	12133.6	10349.2	134.51	287	0.213114	13615.9	11238.6	140.43
218	0.282579	12155.0	10362.1	134.61	288	0.212362	13637.0	11251.3	140.50
219	0.281240	12176.3	10374.9	134.70	289	0.211615	13658.0	11263.9	140.58
220	0.279915	12197.6	10387.7	134.80	290	0.210873	13679.1	11276.5	140.65
221	0.278602	12219.0	10400.5	134.90	291	0.210137	13700.1	11289.1	140.72
222	0.277302	12240.3	10413.3	134.99	292	0.209405	13721.2	11301.8	140.79
223	0.276015	12261.6	10426.0	135.09	293	0.208679	13742.2	11314.4	140.87
224	0.274739	12282.9	10438.8	135.19	294	0.207958	13763.2	11327.0	140.94
225	0.273476	12304.2	10451.6	135.28	295	0.207242	13784.3	11339.6	141.01
226	0.272225	12325.5	10464.4	135.37	296	0.206531	13805.3	11352.2	141.08
227	0.270985	12346.8	10477.2	135.47	297	0.205825	13826.3	11364.8	141.15
228	0.269757	12368.1	10489.9	135.56	298	0.205124	13847.4	11377.5	141.22
229	0.268541	12389.3	10502.7	135.66	299	0.204428	13868.4	11390.1	141.29
230	0.267335	12410.6	10515.5	135.75	300	0.203736	13889.4	11402.7	141.36