1.50 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
86	35.0921	2915.5	2911.2	53.93
87	34.9407	2961.2	2956.8	54.46
88	34.7874	3007.1	3002.7	54.98
89	34.6324	3053.2	3048.8	55.50
90	34.4757	3099.5	3095.1	56.02
91	34.3173	3146.0	3141.5	56.54
* 91.297	34.2698	3159.8	3155.4	56.69
* 91.297	0.209481	9498.5	8773.0	126.12
92	0.207674	9514.2	8782.3	126.29
93	0.205161	9536.5	8795.7	126.53
94	0.202714	9558.8	8809.0	126.77
95	0.200328	9581.0	8822.3	127.00
96	0.198003	9603.2	8835.6	127.24
97	0.195736	9625.4	8848.9	127.46
98	0.193524	9647.5	8862.2	127.69
99	0.191365	9669.7	8875.4	127.92
100	0.189257	9691.7	8888.6	128.14
101	0.187199	9713.8	8901.9	128.36
102	0.185188	9735.8	8915.1	128.57
103	0.183222	9757.8	8928.3	128.79
104	0.181301	9779.8	8941.4	129.00
105	0.179422	9801.7	8954.6	129.21
106	0.177585	9823.6	8967.7	129.42
107	0.175787	9845.5	8980.9	129.62
108	0.174027	9867.4	8994.0	129.83
109	0.172304	9889.2	9007.1	130.03
110	0.170617	9911.0	9020.2	130.23
111	0.168965	9932.8	9033.3	130.43
112	0.167346	9954.6	9046.3	130.62
113	0.165760	9976.3	9059.4	130.81
114	0.164204	9998.1	9072.4	131.01
115	0.162680	10019.8	9085.5	131.20
116	0.161185	10041.5	9098.5	131.38
117	0.159718	10063.1	9111.5	131.57
118	0.158280	10084.8	9124.5	131.75
119	0.156868	10106.4	9137.5	131.94
120	0.155482	10128.0	9150.5	132.12
121	0.154122	10149.6	9163.4	132.30
122	0.152786	10171.2	9176.4	132.47
123	0.151475	10192.7	9189.3	132.65
124	0.150187	10214.3	9202.3	132.82
125	0.148921	10235.8	9215.2	133.00
126	0.147677	10257.3	9228.1	133.17
127	0.146455	10278.8	9241.0	133.34
128	0.145254	10300.3	9253.9	133.51
129	0.144073	10321.8	9266.8	133.67
130	0.142912	10343.2	9279.7	133.84
131	0.141770	10364.7	9292.6	134.00
132	0.140647	10386.1	9305.4	134.17
133	0.139542	10407.5	9318.3	134.33
134	0.138455	10428.9	9331.1	134.49
135	0.137385	10450.3	9344.0	134.65
136	0.136333	10471.7	9356.8	134.81
137	0.135297	10493.0	9369.6	134.96
138	0.134277	10514.4	9382.5	135.12
139	0.133273	10535.7	9395.3	135.27
140	0.132284	10557.1	9408.1	135.42
141	0.131310	10578.4	9420.9	135.58
142	0.130351	10599.7	9433.7	135.73
143	0.129406	10621.0	9446.5	135.88
144	0.128475	10642.3	9459.3	136.02
145	0.127558	10663.6	9472.0	136.17
146	0.126655	10684.9	9484.8	136.32
147	0.125764	10706.1	9497.6	136.46
148	0.124886	10727.4	9510.3	136.61
149	0.124021	10748.6	9523.1	136.75
150	0.123168	10769.9	9535.8	136.89
151	0.122326	10791.1	9548.6	137.03
152	0.121497	10812.3	9561.3	137.17
153	0.120679	10833.5	9574.1	137.31
154	0.119872	10854.7	9586.8	137.45
155	0.119076	10875.9	9599.5	137.59
156	0.118291	10897.1	9612.3	137.72
157	0.117517	10918.3	9625.0	137.86
158	0.116752	10939.5	9637.7	137.99
159	0.115998	10960.7	9650.4	138.13
160	0.115254	10981.9	9663.1	138.26

* PHASE CHANGE

1.50 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	0.114519	11003.0	9675.8	138.39	231	0.0793477	12474.2	10558.7	145.98
162	0.113794	11024.2	9688.5	138.52	232	0.0790025	12495.1	10571.2	146.07
163	0.113079	11045.3	9701.2	138.65	233	0.0786603	12516.0	10583.8	146.16
164	0.112372	11066.5	9713.9	138.78	234	0.0783211	12537.0	10596.3	146.25
165	0.111674	11087.6	9726.6	138.91	235	0.0779848	12557.9	10608.9	146.34
166	0.110986	11108.7	9739.3	139.04	236	0.0776514	12578.8	10621.4	146.43
167	0.110305	11129.9	9751.9	139.17	237	0.0773209	12599.7	10634.0	146.52
168	0.109634	11151.0	9764.6	139.29	238	0.0769932	12620.6	10646.5	146.61
169	0.108970	11172.1	9777.3	139.42	239	0.0766683	12641.5	10659.1	146.69
170	0.108315	11193.2	9790.0	139.54	240	0.0763461	12662.5	10671.6	146.78
171	0.107667	11214.3	9802.6	139.67	241	0.0760266	12683.4	10684.2	146.87
172	0.107028	11235.4	9815.3	139.79	242	0.0757099	12704.3	10696.7	146.96
173	0.106396	11256.5	9828.0	139.91	243	0.0753958	12725.2	10709.3	147.04
174	0.105772	11277.6	9840.6	140.03	244	0.0750843	12746.1	10721.8	147.13
175	0.105155	11298.7	9853.3	140.15	245	0.0747753	12767.0	10734.4	147.21
176	0.104545	11319.8	9865.9	140.27	246	0.0744690	12787.9	10746.9	147.30
177	0.103943	11340.8	9878.6	140.39	247	0.0741651	12808.8	10759.4	147.38
178	0.103347	11361.9	9891.2	140.51	248	0.0738637	12829.7	10772.0	147.47
179	0.102759	11383.0	9903.9	140.63	249	0.0735648	12850.6	10784.5	147.55
180	0.102177	11404.0	9916.5	140.75	250	0.0732683	12871.5	10797.1	147.64
181	0.101602	11425.1	9929.1	140.86	251	0.0729742	12892.4	10809.6	147.72
182	0.101033	11446.1	9941.8	140.98	252	0.0726825	12913.3	10822.1	147.80
183	0.100471	11467.2	9954.4	141.09	253	0.0723931	12934.2	10834.7	147.88
184	0.0999156	11488.2	9967.0	141.21	254	0.0721061	12955.1	10847.2	147.97
185	0.0993660	11509.3	9979.7	141.32	255	0.0718213	12976.0	10859.8	148.05
186	0.0988224	11530.3	9992.3	141.44	256	0.0715387	12996.9	10872.3	148.13
187	0.0982849	11551.4	10004.9	141.55	257	0.0712584	13017.8	10884.8	148.21
188	0.0977533	11572.4	10017.5	141.66	258	0.0709803	13038.7	10897.4	148.29
189	0.0972275	11593.4	10030.2	141.77	259	0.0707044	13059.6	10909.9	148.37
190	0.0967073	11614.4	10042.8	141.88	260	0.0704306	13080.5	10922.4	148.45
191	0.0961928	11635.5	10055.4	141.99	261	0.0701590	13101.4	10935.0	148.53
192	0.0956839	11656.5	10068.0	142.10	262	0.0698894	13122.2	10947.5	148.61
193	0.0951803	11677.5	10080.6	142.21	263	0.0696219	13143.1	10960.0	148.69
194	0.0946821	11698.5	10093.2	142.32	264	0.0693565	13164.0	10972.6	148.77
195	0.0941891	11719.5	10105.8	142.43	265	0.0690931	13184.9	10985.1	148.85
196	0.0937014	11740.5	10118.4	142.54	266	0.0688317	13205.8	10997.6	148.93
197	0.0932187	11761.5	10131.0	142.64	267	0.0685723	13226.7	11010.1	149.01
198	0.0927410	11782.5	10143.6	142.75	268	0.0683148	13247.5	11022.7	149.09
199	0.0922682	11803.5	10156.2	142.86	269	0.0680593	13268.4	11035.2	149.17
200	0.0918003	11824.5	10168.8	142.96	270	0.0678057	13289.3	11047.7	149.24
201	0.0913372	11845.5	10181.4	143.07	271	0.0675540	13310.2	11060.3	149.32
202	0.0908788	11866.5	10194.0	143.17	272	0.0673042	13331.1	11072.8	149.40
203	0.0904250	11887.5	10206.6	143.27	273	0.0670562	13351.9	11085.3	149.47
204	0.0899758	11908.5	10219.2	143.38	274	0.0668100	13372.8	11097.8	149.55
205	0.0895311	11929.4	10231.8	143.48	275	0.0665657	13393.7	11110.4	149.63
206	0.0890908	11950.4	10244.4	143.58	276	0.0663231	13414.6	11122.9	149.70
207	0.0886549	11971.4	10257.0	143.68	277	0.0660824	13435.4	11135.4	149.78
208	0.0882232	11992.4	10269.6	143.79	278	0.0658433	13456.3	11147.9	149.85
209	0.0877958	12013.3	10282.2	143.89	279	0.0656060	13477.2	11160.5	149.93
210	0.0873725	12034.3	10294.7	143.99	280	0.0653704	13498.1	11173.0	150.00
211	0.0869534	12055.3	10307.3	144.09	281	0.0651365	13518.9	11185.5	150.08
212	0.0865383	12076.2	10319.9	144.18	282	0.0649043	13539.8	11198.0	150.15
213	0.0861272	12097.2	10332.5	144.28	283	0.0646738	13560.7	11210.5	150.22
214	0.0857200	12118.2	10345.0	144.38	284	0.0644448	13581.5	11223.1	150.30
215	0.0853167	12139.1	10357.6	144.48	285	0.0642175	13602.4	11235.6	150.37
216	0.0849172	12160.1	10370.2	144.58	286	0.0639919	13623.3	11248.1	150.44
217	0.0845214	12181.0	10382.8	144.67	287	0.0637678	13644.1	11260.6	150.52
218	0.0841294	12202.0	10395.3	144.77	288	0.0635452	13665.0	11273.1	150.59
219	0.0837410	12222.9	10407.9	144.87	289	0.0633242	13685.9	11285.7	150.66
220	0.0833562	12243.9	10420.5	144.96	290	0.0631048	13706.7	11298.2	150.73
221	0.0829750	12264.8	10433.0	145.06	291	0.0628869	13727.6	11310.7	150.81
222	0.0825973	12285.8	10445.6	145.15	292	0.0626705	13748.5	11323.2	150.88
223	0.0822230	12306.7	10458.2	145.24	293	0.0624556	13769.3	11335.7	150.95
224	0.0818522	12327.7	10470.7	145.34	294	0.0622421	13790.2	11348.2	151.02
225	0.0814847	12348.6	10483.3	145.43	295	0.0620301	13811.0	11360.8	151.09
226	0.0811205	12369.5	10495.9	145.52	296	0.0618196	13831.9	11373.3	151.16
227	0.0807596	12390.5	10508.4	145.62	297	0.0616105	13852.8	11385.8	151.23
228	0.0804019	12411.4	10521.0	145.71	298	0.0614028	13873.6	11398.3	151.30
229	0.0800474	12432.3	10533.6	145.80	299	0.0611965	13894.5	11410.8	151.37
230	0.0796960	12453.3	10546.1	145.89	300	0.0609916	13915.3	11423.3	151.44