10.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
86	35.1568	2931.0	2902.2	53.83
87	35.0068	2976.5	2947.6	54.35
88	34.8550	3022.2	2993.1	54.87
89	34.7015	3068.1	3038.9	55.39
90	34.5464	3114.2	3084.9	55.91
91	34.3896	3160.5	3131.1	56.42
92	34.2313	3207.0	3177.4	56.93
93	34.0714	3253.7	3223.9	57.43
94	33.9099	3300.5	3270.6	57.93
95	33.7468	3347.5	3317.5	58.43
96	33.5821	3394.7	3364.5	58.93
97	33.4159	3442.1	3411.8	59.42
98	33.2480	3489.6	3459.1	59.90
99	33.0784	3537.3	3506.6	60.39
100	32.9072	3585.1	3554.3	60.87
101	32.7342	3633.1	3602.1	61.35
102	32.5594	3681.2	3650.1	61.82
103	32.3827	3729.5	3698.2	62.29
104	32.2041	3778.0	3746.5	62.76
105	32.0235	3826.6	3794.9	63.22
106	31.8408	3875.3	3843.5	63.69
107	31.6560	3924.3	3892.3	64.15
108	31.4688	3973.4	3941.2	64.60
109	31.2791	4022.7	3990.3	65.06
110	31.0870	4072.1	4039.5	65.51
111	30.8921	4121.8	4089.0	65.96
112	30.6944	4171.8	4138.7	66.41
113	30.4936	4221.9	4188.7	66.85
114	30.2896	4272.4	4238.9	67.30
115	30.0821	4323.1	4289.4	67.74
116	29.8710	4374.2	4340.2	68.18
* 116.777	29.7041	4414.1	4380.0	68.52
* 116.777	1.25571	9649.0	8842.0	113.35
117	1.25160	9655.8	8846.2	113.41
118	1.23359	9686.2	8864.8	113.67
119	1.21630	9716.2	8883.1	113.92
120	1.19967	9745.8	8901.2	114.17
121	1.18367	9775.1	8919.0	114.41
122	1.16824	9804.0	8936.7	114.65
123	1.15335	9832.7	8954.1	114.89
124	1.13897	9861.0	8971.4	115.12
125	1.12506	9889.1	8988.5	115.34
126	1.11160	9917.0	9005.4	115.56
127	1.09856	9944.6	9022.2	115.78
128	1.08591	9972.0	9038.9	116.00
129	1.07364	9999.2	9055.4	116.21
130	1.06172	10026.2	9071.8	116.42
131	1.05013	10052.9	9088.0	116.62
132	1.03887	10079.5	9104.2	116.82
133	1.02791	10106.0	9120.2	117.02
134	1.01724	10132.3	9136.2	117.22
135	1.00685	10158.4	9152.0	117.41
136	0.996718	10184.3	9167.7	117.61
137	0.986837	10210.2	9183.4	117.79
138	0.977197	10235.9	9198.9	117.98
139	0.967787	10261.4	9214.4	118.17
140	0.958597	10286.8	9229.8	118.35
141	0.949618	10312.2	9245.1	118.53
142	0.940843	10337.4	9260.4	118.71
143	0.932262	10362.4	9275.5	118.88
144	0.923869	10387.4	9290.7	119.06
145	0.915656	10412.3	9305.7	119.23
146	0.907617	10437.1	9320.7	119.40
147	0.899745	10461.8	9335.6	119.57
148	0.892034	10486.4	9350.5	119.73
149	0.884479	10510.9	9365.3	119.90
150	0.877074	10535.3	9380.0	120.06
151	0.869814	10559.7	9394.7	120.22
152	0.862695	10583.9	9409.4	120.39
153	0.855711	10608.1	9424.0	120.54
154	0.848858	10632.2	9438.5	120.70
155	0.842132	10656.3	9453.0	120.86
156	0.835529	10680.2	9467.5	121.01
157	0.829045	10704.2	9481.9	121.16
158	0.822677	10728.0	9496.3	121.31
159	0.816421	10751.8	9510.7	121.46
160	0.810274	10775.5	9525.0	121.61

* PHASE CHANGE

10.00 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	0.804232	10799.2	9539.2	121.76	231	0.537061	12371.0	10484.3	129.89
162	0.798293	10822.8	9553.4	121.91	232	0.534597	12392.7	10497.3	129.98
163	0.792453	10846.3	9567.6	122.05	233	0.532157	12414.5	10510.4	130.07
164	0.786710	10869.8	9581.8	122.20	234	0.529740	12436.2	10523.4	130.17
165	0.781061	10893.2	9595.9	122.34	235	0.527346	12457.9	10536.4	130.26
166	0.775504	10916.6	9610.0	122.48	236	0.524975	12479.6	10549.5	130.35
167	0.770036	10940.0	9624.1	122.62	237	0.522626	12501.3	10562.5	130.44
168	0.764654	10963.3	9638.1	122.76	238	0.520299	12523.0	10575.5	130.54
169	0.759357	10986.5	9652.1	122.90	239	0.517994	12544.7	10588.5	130.63
170	0.754141	11009.7	9666.1	123.03	240	0.515710	12566.3	10601.5	130.72
171	0.749006	11032.9	9680.0	123.17	241	0.513448	12588.0	10614.5	130.81
172	0.743949	11056.0	9694.0	123.30	242	0.511206	12609.6	10627.5	130.90
173	0.738968	11079.1	9707.9	123.44	243	0.508984	12631.3	10640.5	130.99
174	0.734061	11102.1	9721.7	123.57	244	0.506783	12652.9	10653.5	131.07
175	0.729226	11125.1	9735.6	123.70	245	0.504601	12674.5	10666.4	131.16
176	0.724462	11148.0	9749.4	123.83	246	0.502439	12696.1	10679.4	131.25
177	0.719767	11171.0	9763.2	123.96	247	0.500296	12717.7	10692.4	131.34
178	0.715138	11193.8	9776.9	124.09	248	0.498172	12739.3	10705.3	131.43
179	0.710576	11216.7	9790.7	124.22	249	0.496067	12760.9	10718.3	131.51
180	0.706078	11239.5	9804.4	124.35	250	0.493981	12782.5	10731.2	131.60
181	0.701642	11262.3	9818.1	124.47	251	0.491913	12804.0	10744.2	131.69
182	0.697267	11285.0	9831.8	124.60	252	0.489862	12825.6	10757.1	131.77
183	0.692952	11307.7	9845.5	124.72	253	0.487830	12847.1	10770.0	131.86
184	0.688696	11330.4	9859.1	124.85	254	0.485815	12868.7	10783.0	131.94
185	0.684497	11353.0	9872.7	124.97	255	0.483817	12890.2	10795.9	132.03
186	0.680354	11375.7	9886.3	125.09	256	0.481837	12911.7	10808.8	132.11
187	0.676265	11398.3	9899.9	125.21	257	0.479873	12933.3	10821.7	132.19
188	0.672230	11420.8	9913.5	125.33	258	0.477926	12954.8	10834.6	132.28
189	0.668248	11443.3	9927.0	125.45	259	0.475995	12976.3	10847.5	132.36
190	0.664316	11465.9	9940.6	125.57	260	0.474080	12997.8	10860.4	132.44
191	0.660435	11488.3	9954.1	125.69	261	0.472181	13019.2	10873.3	132.53
192	0.656603	11510.8	9967.6	125.81	262	0.470298	13040.7	10886.2	132.61
193	0.652819	11533.2	9981.1	125.92	263	0.468431	13062.2	10899.1	132.69
194	0.649083	11555.6	9994.5	126.04	264	0.466579	13083.7	10911.9	132.77
195	0.645392	11578.0	10008.0	126.15	265	0.464742	13105.1	10924.8	132.85
196	0.641747	11600.3	10021.4	126.27	266	0.462920	13126.6	10937.7	132.93
197	0.638146	11622.7	10034.8	126.38	267	0.461113	13148.0	10950.5	133.01
198	0.634589	11645.0	10048.2	126.49	268	0.459320	13169.4	10963.4	133.09
199	0.631074	11667.3	10061.6	126.61	269	0.457542	13190.9	10976.3	133.17
200	0.627602	11689.5	10075.0	126.72	270	0.455778	13212.3	10989.1	133.25
201	0.624170	11711.8	10088.4	126.83	271	0.454028	13233.7	11002.0	133.33
202	0.620778	11734.0	10101.7	126.94	272	0.452292	13255.1	11014.8	133.41
203	0.617426	11756.2	10115.1	127.05	273	0.450569	13276.5	11027.7	133.49
204	0.614113	11778.4	10128.4	127.16	274	0.448860	13297.9	11040.5	133.57
205	0.610838	11800.5	10141.7	127.27	275	0.447165	13319.3	11053.3	133.65
206	0.607600	11822.7	10155.0	127.37	276	0.445482	13340.7	11066.2	133.72
207	0.604399	11844.8	10168.3	127.48	277	0.443813	13362.1	11079.0	133.80
208	0.601234	11866.9	10181.6	127.59	278	0.442157	13383.5	11091.8	133.88
209	0.598104	11889.0	10194.8	127.69	279	0.440513	13404.8	11104.6	133.95
210	0.595009	11911.1	10208.1	127.80	280	0.438882	13426.2	11117.4	134.03
211	0.591948	11933.1	10221.4	127.90	281	0.437263	13447.6	11130.3	134.11
212	0.588920	11955.2	10234.6	128.01	282	0.435657	13468.9	11143.1	134.18
213	0.585926	11977.2	10247.8	128.11	283	0.434063	13490.3	11155.9	134.26
214	0.582964	11999.2	10261.0	128.21	284	0.432480	13511.6	11168.7	134.33
215	0.580033	12021.2	10274.2	128.32	285	0.430910	13533.0	11181.5	134.41
216	0.577134	12043.1	10287.4	128.42	286	0.429351	13554.3	11194.3	134.48
217	0.574265	12065.1	10300.6	128.52	287	0.427804	13575.6	11207.1	134.56
218	0.571427	12087.0	10313.8	128.62	288	0.426269	13596.9	11219.9	134.63
219	0.568618	12108.9	10326.9	128.72	289	0.424744	13618.3	11232.6	134.71
220	0.565839	12130.9	10340.1	128.82	290	0.423231	13639.6	11245.4	134.78
221	0.563088	12152.7	10353.2	128.92	291	0.421729	13660.9	11258.2	134.85
222	0.560365	12174.6	10366.4	129.02	292	0.420238	13682.2	11271.0	134.93
223	0.557671	12196.5	10379.5	129.12	293	0.418758	13703.5	11283.8	135.00
224	0.555003	12218.3	10392.6	129.22	294	0.417288	13724.8	11296.5	135.07
225	0.552363	12240.2	10405.7	129.31	295	0.415829	13746.1	11309.3	135.14
226	0.549748	12262.0	10418.8	129.41	296	0.414380	13767.4	11322.1	135.22
227	0.547160	12283.8	10431.9	129.51	297	0.412942	13788.6	11334.8	135.29
228	0.544598	12305.6	10445.0	129.60	298	0.411514	13809.9	11347.6	135.36
229	0.542061	12327.4	10458.1	129.70	299	0.410096	13831.2	11360.4	135.43
230	0.539548	12349.2	10471.2	129.79	300	0.408688	13852.5	11373.1	135.50