9.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
86	35.1492	2929.2	2903.2	53.84
87	34.9990	2974.7	2948.6	54.36
88	34.8471	3020.4	2994.3	54.89
89	34.6934	3066.4	3040.1	55.41
90	34.5381	3112.5	3086.1	55.92
91	34.3812	3158.8	3132.3	56.43
92	34.2227	3205.3	3178.7	56.94
93	34.0625	3252.0	3225.2	57.45
94	33.9008	3298.9	3272.0	57.95
95	33.7375	3345.9	3318.9	58.45
96	33.5726	3393.1	3366.0	58.94
97	33.4061	3440.5	3413.2	59.43
98	33.2379	3488.1	3460.6	59.92
99	33.0681	3535.8	3508.2	60.40
100	32.8965	3583.6	3555.9	60.88
101	32.7232	3631.7	3603.8	61.36
102	32.5481	3679.8	3651.8	61.84
103	32.3711	3728.2	3700.0	62.31
104	32.1921	3776.6	3748.3	62.78
105	32.0112	3825.3	3796.8	63.24
106	31.8281	3874.1	3845.4	63.70
107	31.6427	3923.1	3894.3	64.16
108	31.4551	3972.2	3943.2	64.62
109	31.2650	4021.6	3992.4	65.08
110	31.0723	4071.1	4041.8	65.53
111	30.8769	4120.9	4091.3	65.98
112	30.6786	4170.9	4141.1	66.43
113	30.4772	4221.1	4191.2	66.87
114	30.2726	4271.6	4241.5	67.32
* 114.988	30.0669	4321.8	4291.5	67.76
* 114.988	1.13144	9653.4	8847.4	114.12
115	1.13125	9653.8	8847.6	114.13
116	1.11533	9683.2	8865.6	114.38
117	1.10003	9712.3	8883.3	114.63
118	1.08529	9741.1	8900.8	114.88
119	1.07108	9769.6	8918.2	115.12
120	1.05736	9797.8	8935.3	115.35
121	1.04411	9825.7	8952.3	115.59
122	1.03129	9853.4	8969.1	115.81
123	1.01888	9880.9	8985.8	116.04
124	1.00685	9908.1	9002.3	116.26
125	0.995195	9935.1	9018.7	116.47
126	0.983877	9961.9	9035.0	116.69
127	0.972885	9988.5	9051.2	116.90
128	0.962201	10015.0	9067.2	117.11
129	0.951812	10041.2	9083.1	117.31
130	0.941701	10067.3	9098.9	117.51
131	0.931857	10093.3	9114.7	117.71
132	0.922267	10119.1	9130.3	117.91
133	0.912919	10144.8	9145.8	118.10
134	0.903802	10170.3	9161.3	118.29
135	0.894906	10195.7	9176.7	118.48
136	0.886223	10221.0	9192.0	118.67
137	0.877743	10246.2	9207.2	118.85
138	0.869458	10271.2	9222.3	119.03
139	0.861359	10296.2	9237.4	119.21
140	0.853441	10321.0	9252.4	119.39
141	0.845696	10345.7	9267.4	119.57
142	0.838117	10370.4	9282.3	119.74
143	0.830698	10394.9	9297.1	119.91
144	0.823434	10419.4	9311.9	120.09
145	0.816318	10443.7	9326.6	120.25
146	0.809346	10468.0	9341.3	120.42
147	0.802513	10492.2	9355.9	120.59
148	0.795814	10516.4	9370.4	120.75
149	0.789245	10540.4	9385.0	120.91
150	0.782801	10564.4	9399.4	121.07
151	0.776477	10588.3	9413.9	121.23
152	0.770272	10612.2	9428.2	121.39
153	0.764180	10636.0	9442.6	121.54
154	0.758198	10659.7	9456.9	121.70
155	0.752323	10683.3	9471.2	121.85
156	0.746551	10706.9	9485.4	122.00
157	0.740880	10730.5	9499.6	122.15
158	0.735306	10754.0	9513.7	122.30
159	0.729828	10777.4	9527.9	122.45
160	0.724441	10800.8	9541.9	122.60

* PHASE CHANGE

9.00 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	0.719144	10824.1	9556.0	122.74	231	0.482489	12383.2	10493.1	130.80
162	0.713934	10847.4	9570.0	122.89	232	0.480289	12404.8	10506.1	130.89
163	0.708808	10870.6	9584.0	123.03	233	0.478111	12426.5	10519.1	130.99
164	0.703765	10893.8	9598.0	123.17	234	0.475952	12448.1	10532.1	131.08
165	0.698801	10916.9	9611.9	123.31	235	0.473815	12469.7	10545.0	131.17
166	0.693916	10940.0	9625.8	123.45	236	0.471697	12491.4	10558.0	131.26
167	0.689107	10963.1	9639.7	123.59	237	0.469599	12513.0	10571.0	131.36
168	0.684372	10986.1	9653.6	123.73	238	0.467520	12534.6	10583.9	131.45
169	0.679709	11009.1	9667.4	123.86	239	0.465461	12556.1	10596.9	131.54
170	0.675116	11032.0	9681.2	124.00	240	0.463420	12577.7	10609.8	131.63
171	0.670592	11054.9	9695.0	124.13	241	0.461398	12599.3	10622.8	131.72
172	0.666135	11077.7	9708.7	124.27	242	0.459394	12620.8	10635.7	131.81
173	0.661743	11100.6	9722.5	124.40	243	0.457409	12642.4	10648.7	131.90
174	0.657415	11123.3	9736.2	124.53	244	0.455441	12663.9	10661.6	131.98
175	0.653149	11146.1	9749.8	124.66	245	0.453491	12685.5	10674.5	132.07
176	0.648943	11168.8	9763.5	124.79	246	0.451558	12707.0	10687.4	132.16
177	0.644797	11191.5	9777.2	124.92	247	0.449642	12728.5	10700.3	132.25
178	0.640709	11214.1	9790.8	125.05	248	0.447743	12750.0	10713.2	132.33
179	0.636677	11236.7	9804.4	125.17	249	0.445861	12771.5	10726.1	132.42
180	0.632701	11259.3	9818.0	125.30	250	0.443995	12793.0	10739.0	132.51
181	0.628779	11281.9	9831.5	125.42	251	0.442145	12814.5	10751.9	132.59
182	0.624910	11304.4	9845.1	125.55	252	0.440312	12836.0	10764.8	132.68
183	0.621092	11326.9	9858.6	125.67	253	0.438493	12857.4	10777.7	132.76
184	0.617325	11349.4	9872.1	125.79	254	0.436691	12878.9	10790.6	132.85
185	0.613608	11371.8	9885.6	125.92	255	0.434904	12900.3	10803.4	132.93
186	0.609939	11394.3	9899.1	126.04	256	0.433132	12921.8	10816.3	133.02
187	0.606317	11416.6	9912.6	126.16	257	0.431375	12943.2	10829.2	133.10
188	0.602742	11439.0	9926.0	126.28	258	0.429632	12964.7	10842.0	133.18
189	0.599213	11461.4	9939.4	126.39	259	0.427904	12986.1	10854.9	133.26
190	0.595727	11483.7	9952.9	126.51	260	0.426191	13007.5	10867.7	133.35
191	0.592286	11506.0	9966.3	126.63	261	0.424491	13028.9	10880.6	133.43
192	0.588887	11528.2	9979.7	126.75	262	0.422806	13050.3	10893.4	133.51
193	0.585531	11550.5	9993.0	126.86	263	0.421134	13071.7	10906.3	133.59
194	0.582215	11572.7	10006.4	126.98	264	0.419476	13093.1	10919.1	133.67
195	0.578939	11594.9	10019.7	127.09	265	0.417832	13114.5	10931.9	133.76
196	0.575703	11617.1	10033.1	127.20	266	0.416200	13135.9	10944.8	133.84
197	0.572506	11639.3	10046.4	127.32	267	0.414582	13157.3	10957.6	133.92
198	0.569347	11661.4	10059.7	127.43	268	0.412977	13178.6	10970.4	134.00
199	0.566225	11683.6	10073.0	127.54	269	0.411385	13200.0	10983.2	134.08
200	0.563139	11705.7	10086.3	127.65	270	0.409805	13221.4	10996.0	134.15
201	0.560089	11727.7	10099.5	127.76	271	0.408238	13242.7	11008.9	134.23
202	0.557075	11749.8	10112.8	127.87	272	0.406683	13264.1	11021.7	134.31
203	0.554095	11771.9	10126.0	127.98	273	0.405140	13285.4	11034.5	134.39
204	0.551149	11793.9	10139.3	128.09	274	0.403609	13306.8	11047.3	134.47
205	0.548236	11815.9	10152.5	128.20	275	0.402090	13328.1	11060.1	134.55
206	0.545356	11837.9	10165.7	128.30	276	0.400583	13349.4	11072.9	134.62
207	0.542508	11859.9	10178.9	128.41	277	0.399088	13370.7	11085.7	134.70
208	0.539691	11881.9	10192.1	128.51	278	0.397604	13392.1	11098.4	134.78
209	0.536906	11903.8	10205.3	128.62	279	0.396131	13413.4	11111.2	134.85
210	0.534151	11925.7	10218.5	128.72	280	0.394669	13434.7	11124.0	134.93
211	0.531425	11947.7	10231.6	128.83	281	0.393219	13456.0	11136.8	135.01
212	0.528730	11969.6	10244.8	128.93	282	0.391779	13477.3	11149.6	135.08
213	0.526063	11991.5	10257.9	129.04	283	0.390351	13498.6	11162.3	135.16
214	0.523424	12013.3	10271.0	129.14	284	0.388933	13519.8	11175.1	135.23
215	0.520814	12035.2	10284.2	129.24	285	0.387525	13541.1	11187.9	135.31
216	0.518230	12057.0	10297.3	129.34	286	0.386128	13562.4	11200.6	135.38
217	0.515674	12078.9	10310.4	129.44	287	0.384741	13583.7	11213.4	135.46
218	0.513145	12100.7	10323.5	129.54	288	0.383365	13605.0	11226.1	135.53
219	0.510641	12122.5	10336.6	129.64	289	0.381998	13626.2	11238.9	135.60
220	0.508163	12144.3	10349.7	129.74	290	0.380642	13647.5	11251.7	135.68
221	0.505711	12166.1	10362.8	129.84	291	0.379295	13668.7	11264.4	135.75
222	0.503283	12187.8	10375.8	129.94	292	0.377959	13690.0	11277.2	135.82
223	0.500880	12209.6	10388.9	130.04	293	0.376631	13711.2	11289.9	135.90
224	0.498500	12231.3	10401.9	130.13	294	0.375314	13732.5	11302.6	135.97
225	0.496145	12253.0	10415.0	130.23	295	0.374005	13753.7	11315.4	136.04
226	0.493813	12274.8	10428.0	130.33	296	0.372706	13774.9	11328.1	136.11
227	0.491503	12296.5	10441.0	130.42	297	0.371417	13796.2	11340.9	136.18
228	0.489217	12318.2	10454.1	130.52	298	0.370136	13817.4	11353.6	136.26
229	0.486952	12339.9	10467.1	130.61	299	0.368865	13838.6	11366.3	136.33
230	0.484710	12361.5	10480.1	130.71	300	0.367602	13859.9	11379.0	136.40