7.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
86	35.1341	2925.5	2905.3	53.86
87	34.9836	2971.1	2950.8	54.39
88	34.8313	3016.9	2996.5	54.91
89	34.6773	3062.8	3042.4	55.43
90	34.5216	3109.0	3088.5	55.95
91	34.3642	3155.4	3134.7	56.46
92	34.2053	3201.9	3181.2	56.97
93	34.0447	3248.7	3227.8	57.47
94	33.8826	3295.6	3274.7	57.98
95	33.7188	3342.7	3321.7	58.47
96	33.5534	3390.0	3368.8	58.97
97	33.3864	3437.4	3416.2	59.46
98	33.2177	3485.0	3463.7	59.95
99	33.0473	3532.8	3511.3	60.43
100	32.8751	3580.7	3559.1	60.92
101	32.7012	3628.8	3607.1	61.39
102	32.5254	3677.0	3655.2	61.87
103	32.3477	3725.4	3703.5	62.34
104	32.1680	3774.0	3752.0	62.81
105	31.9863	3822.7	3800.6	63.28
106	31.8024	3871.6	3849.3	63.74
107	31.6162	3920.7	3898.3	64.20
108	31.4276	3970.0	3947.4	64.66
109	31.2366	4019.4	3996.7	65.12
110	31.0428	4069.1	4046.2	65.57
* 110.930	30.8602	4115.5	4092.5	65.99
* 110.930	0.885740	9653.5	8852.7	115.91
111	0.884899	9655.4	8853.9	115.93
112	0.873112	9682.9	8870.5	116.18
113	0.861731	9710.1	8887.0	116.42
114	0.850732	9737.2	8903.4	116.66
115	0.840091	9763.9	8919.6	116.89
116	0.829788	9790.5	8935.7	117.12
117	0.819803	9816.9	8951.7	117.35
118	0.810119	9843.1	8967.6	117.57
119	0.800720	9869.2	8983.3	117.79
120	0.791592	9895.0	8999.0	118.01
121	0.782719	9920.7	9014.5	118.22
122	0.774091	9946.3	9030.0	118.43
123	0.765694	9971.7	9045.4	118.64
124	0.757518	9997.0	9060.7	118.84
125	0.749553	10022.2	9075.9	119.05
126	0.741790	10047.2	9091.0	119.24
127	0.734219	10072.1	9106.0	119.44
128	0.726832	10096.9	9121.0	119.64
129	0.719622	10121.6	9135.9	119.83
130	0.712581	10146.2	9150.8	120.02
131	0.705702	10170.7	9165.6	120.21
132	0.698979	10195.1	9180.3	120.39
133	0.692406	10219.4	9195.0	120.57
134	0.685978	10243.6	9209.6	120.76
135	0.679688	10267.7	9224.2	120.94
136	0.673531	10291.8	9238.7	121.11
137	0.667504	10315.7	9253.1	121.29
138	0.661601	10339.6	9267.5	121.46
139	0.655817	10363.5	9281.9	121.63
140	0.650150	10387.2	9296.2	121.80
141	0.644594	10410.9	9310.5	121.97
142	0.639147	10434.5	9324.8	122.14
143	0.633804	10458.1	9339.0	122.31
144	0.628562	10481.6	9353.1	122.47
145	0.623418	10505.0	9367.2	122.63
146	0.618370	10528.4	9381.3	122.79
147	0.613413	10551.7	9395.4	122.95
148	0.608545	10574.9	9409.4	123.11
149	0.603764	10598.2	9423.4	123.27
150	0.599067	10621.3	9437.3	123.42
151	0.594452	10644.4	9451.3	123.57
152	0.589916	10667.5	9465.1	123.73
153	0.585456	10690.5	9479.0	123.88
154	0.581072	10713.5	9492.8	124.03
155	0.576760	10736.4	9506.6	124.18
156	0.572519	10759.3	9520.4	124.32
157	0.568346	10782.2	9534.2	124.47
158	0.564241	10805.0	9547.9	124.61
159	0.560200	10827.8	9561.6	124.76
160	0.556224	10850.5	9575.3	124.90

* PHASE CHANGE

7.00 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	0.552309	10873.2	9589.0	125.04	231	0.373929	12407.6	10510.7	132.97
162	0.548454	10895.9	9602.6	125.18	232	0.372246	12429.0	10523.6	133.06
163	0.544658	10918.5	9616.2	125.32	233	0.370578	12450.5	10536.5	133.15
164	0.540920	10941.1	9629.8	125.46	234	0.368925	12471.9	10549.3	133.24
165	0.537237	10963.6	9643.4	125.60	235	0.367288	12493.4	10562.2	133.33
166	0.533609	10986.2	9656.9	125.73	236	0.365666	12514.8	10575.0	133.43
167	0.530034	11008.7	9670.5	125.87	237	0.364058	12536.2	10587.9	133.52
168	0.526511	11031.1	9684.0	126.00	238	0.362465	12557.6	10600.7	133.61
169	0.523039	11053.6	9697.5	126.13	239	0.360887	12579.0	10613.6	133.70
170	0.519616	11076.0	9710.9	126.27	240	0.359323	12600.4	10626.4	133.79
171	0.516242	11098.3	9724.4	126.40	241	0.357772	12621.8	10639.3	133.87
172	0.512915	11120.7	9737.8	126.53	242	0.356236	12643.2	10652.1	133.96
173	0.509634	11143.0	9751.3	126.66	243	0.354713	12664.5	10664.9	134.05
174	0.506399	11165.3	9764.7	126.79	244	0.353203	12685.9	10677.7	134.14
175	0.503207	11187.6	9778.1	126.91	245	0.351707	12707.3	10690.6	134.23
176	0.500059	11209.9	9791.4	127.04	246	0.350223	12728.6	10703.4	134.31
177	0.496953	11232.1	9804.8	127.17	247	0.348753	12750.0	10716.2	134.40
178	0.493888	11254.3	9818.1	127.29	248	0.347295	12771.3	10729.0	134.49
179	0.490864	11276.5	9831.5	127.42	249	0.345850	12792.7	10741.8	134.57
180	0.487880	11298.6	9844.8	127.54	250	0.344417	12814.0	10754.6	134.66
181	0.484934	11320.7	9858.1	127.66	251	0.342996	12835.3	10767.4	134.74
182	0.482026	11342.9	9871.4	127.78	252	0.341587	12856.6	10780.2	134.83
183	0.479155	11365.0	9884.7	127.90	253	0.340191	12878.0	10793.0	134.91
184	0.476321	11387.0	9897.9	128.02	254	0.338805	12899.3	10805.8	135.00
185	0.473522	11409.1	9911.2	128.14	255	0.337432	12920.6	10818.5	135.08
186	0.470759	11431.1	9924.4	128.26	256	0.336070	12941.9	10831.3	135.16
187	0.468029	11453.1	9937.6	128.38	257	0.334719	12963.2	10844.1	135.25
188	0.465334	11475.1	9950.8	128.50	258	0.333379	12984.4	10856.9	135.33
189	0.462671	11497.1	9964.0	128.61	259	0.332051	13005.7	10869.6	135.41
190	0.460040	11519.0	9977.2	128.73	260	0.330733	13027.0	10882.4	135.49
191	0.457441	11541.0	9990.4	128.85	261	0.329426	13048.3	10895.2	135.57
192	0.454873	11562.9	10003.6	128.96	262	0.328129	13069.5	10907.9	135.66
193	0.452336	11584.8	10016.7	129.07	263	0.326843	13090.8	10920.7	135.74
194	0.449829	11606.7	10029.9	129.19	264	0.325567	13112.1	10933.4	135.82
195	0.447350	11628.6	10043.0	129.30	265	0.324301	13133.3	10946.2	135.90
196	0.444901	11650.4	10056.2	129.41	266	0.323046	13154.6	10958.9	135.98
197	0.442480	11672.3	10069.3	129.52	267	0.321800	13175.8	10971.7	136.06
198	0.440086	11694.1	10082.4	129.63	268	0.320564	13197.0	10984.4	136.14
199	0.437720	11715.9	10095.5	129.74	269	0.319338	13218.3	10997.1	136.22
200	0.435381	11737.7	10108.6	129.85	270	0.318122	13239.5	11009.9	136.30
201	0.433068	11759.5	10121.7	129.96	271	0.316915	13260.7	11022.6	136.37
202	0.430780	11781.3	10134.7	130.07	272	0.315717	13282.0	11035.3	136.45
203	0.428518	11803.0	10147.8	130.18	273	0.314529	13303.2	11048.1	136.53
204	0.426281	11824.8	10160.9	130.28	274	0.313349	13324.4	11060.8	136.61
205	0.424069	11846.5	10173.9	130.39	275	0.312179	13345.6	11073.5	136.68
206	0.421880	11868.2	10186.9	130.50	276	0.311018	13366.8	11086.2	136.76
207	0.419715	11889.9	10200.0	130.60	277	0.309865	13388.0	11099.0	136.84
208	0.417574	11911.6	10213.0	130.71	278	0.308721	13409.2	11111.7	136.91
209	0.415455	11933.3	10226.0	130.81	279	0.307586	13430.4	11124.4	136.99
210	0.413358	11955.0	10239.0	130.91	280	0.306459	13451.6	11137.1	137.07
211	0.411284	11976.6	10252.0	131.02	281	0.305341	13472.8	11149.8	137.14
212	0.409231	11998.3	10265.0	131.12	282	0.304231	13494.0	11162.5	137.22
213	0.407200	12019.9	10278.0	131.22	283	0.303129	13515.1	11175.2	137.29
214	0.405190	12041.5	10291.0	131.32	284	0.302036	13536.3	11187.9	137.37
215	0.403201	12063.1	10304.0	131.42	285	0.300950	13557.5	11200.6	137.44
216	0.401231	12084.7	10316.9	131.52	286	0.299872	13578.6	11213.3	137.52
217	0.399282	12106.3	10329.9	131.62	287	0.298803	13599.8	11226.0	137.59
218	0.397353	12127.9	10342.8	131.72	288	0.297741	13621.0	11238.7	137.66
219	0.395443	12149.5	10355.8	131.82	289	0.296686	13642.1	11251.4	137.74
220	0.393552	12171.0	10368.7	131.92	290	0.295640	13663.3	11264.1	137.81
221	0.391679	12192.6	10381.7	132.02	291	0.294600	13684.4	11276.8	137.88
222	0.389826	12214.1	10394.6	132.11	292	0.293569	13705.6	11289.5	137.95
223	0.387990	12235.6	10407.5	132.21	293	0.292544	13726.7	11302.1	138.03
224	0.386173	12257.2	10420.4	132.31	294	0.291527	13747.9	11314.8	138.10
225	0.384373	12278.7	10433.4	132.40	295	0.290517	13769.0	11327.5	138.17
226	0.382590	12300.2	10446.3	132.50	296	0.289514	13790.1	11340.2	138.24
227	0.380825	12321.7	10459.2	132.59	297	0.288518	13811.3	11352.9	138.31
228	0.379076	12343.2	10472.1	132.69	298	0.287530	13832.4	11365.5	138.38
229	0.377344	12364.6	10484.9	132.78	299	0.286548	13853.5	11378.2	138.46
230	0.375629	12386.1	10497.8	132.87	300	0.285573	13874.6	11390.9	138.53