800.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
* 102.725	37.3220	5162.9	2990.9	54.13
103	37.2953	5174.0	3000.5	54.24
104	37.1985	5214.5	3035.4	54.63
105	37.1019	5255.0	3070.2	55.02
106	37.0056	5295.4	3104.9	55.40
107	36.9094	5335.7	3139.5	55.78
108	36.8135	5376.0	3174.0	56.15
109	36.7178	5416.1	3208.4	56.52
110	36.6224	5456.1	3242.7	56.89
111	36.5272	5496.0	3276.8	57.25
112	36.4323	5535.8	3310.8	57.61
113	36.3375	5575.4	3344.6	57.96
114	36.2431	5614.9	3378.3	58.31
115	36.1489	5654.2	3411.8	58.65
116	36.0549	5693.4	3445.1	58.99
117	35.9612	5732.3	3478.2	59.32
118	35.8677	5771.2	3511.1	59.65
119	35.7745	5809.8	3543.9	59.98
120	35.6816	5848.3	3576.5	60.30
121	35.5889	5886.6	3608.9	60.62
122	35.4964	5924.8	3641.1	60.93
123	35.4042	5962.8	3673.2	61.24
124	35.3122	6000.6	3705.0	61.55
125	35.2205	6038.4	3736.8	61.85
126	35.1290	6076.0	3768.4	62.15
127	35.0377	6113.5	3799.9	62.45
128	34.9467	6150.9	3831.3	62.74
129	34.8559	6188.2	3862.6	63.03
130	34.7654	6225.5	3893.8	63.32
131	34.6751	6262.7	3925.0	63.61
132	34.5850	6300.0	3956.2	63.89
133	34.4951	6337.3	3987.4	64.17
134	34.4055	6374.7	4018.6	64.45
135	34.3161	6412.2	4050.0	64.73
136	34.2269	6449.4	4081.0	65.01
137	34.1379	6486.4	4111.8	65.28
138	34.0492	6523.3	4142.6	65.54
139	33.9606	6560.0	4173.1	65.81
140	33.8723	6596.5	4203.3	66.07
141	33.7842	6632.8	4233.3	66.33
142	33.6963	6668.8	4263.2	66.59
143	33.6086	6704.8	4292.9	66.84
144	33.5211	6740.8	4322.5	67.09
145	33.4338	6776.7	4352.1	67.34
146	33.3467	6812.6	4381.7	67.59
147	33.2598	6848.5	4411.3	67.84
148	33.1731	6884.5	4440.9	68.08
149	33.0866	6920.4	4470.4	68.33
150	33.0003	6956.3	4499.9	68.57
151	32.9142	6992.5	4529.7	68.81
152	32.8283	7029.2	4559.9	69.05
153	32.7425	7065.8	4590.1	69.29
154	32.6570	7102.5	4620.2	69.53
155	32.5716	7139.1	4650.3	69.77
156	32.4864	7175.6	4680.4	70.01
157	32.4014	7212.2	4710.4	70.24
158	32.3166	7248.7	4740.3	70.47
159	32.2320	7285.2	4770.3	70.70
160	32.1475	7321.7	4800.1	70.93

* PHASE CHANGE

800.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
161	32.0633	7358.1	4829.9	71.16
162	31.9792	7394.6	4859.7	71.38
163	31.8952	7431.0	4889.4	71.61
164	31.8115	7467.3	4919.1	71.83
165	31.7279	7503.7	4948.7	72.05
166	31.6445	7540.0	4978.3	72.27
167	31.5613	7576.3	5007.8	72.49
168	31.4782	7612.5	5037.3	72.70
169	31.3953	7648.7	5066.8	72.92
170	31.3126	7684.9	5096.1	73.13
171	31.2301	7721.1	5125.4	73.34
172	31.1477	7757.2	5154.7	73.55
173	31.0655	7793.3	5183.9	73.76
174	30.9834	7829.4	5213.1	73.97
175	30.9016	7865.4	5242.2	74.18
176	30.8199	7901.5	5271.3	74.38
177	30.7383	7937.4	5300.3	74.59
178	30.6570	7973.4	5329.2	74.79
179	30.5758	8009.3	5358.1	74.99
180	30.4947	8045.2	5387.0	75.19
181	30.4139	8081.0	5415.7	75.39
182	30.3332	8116.9	5444.5	75.59
183	30.2526	8152.7	5473.2	75.78
184	30.1723	8188.4	5501.8	75.98
185	30.0921	8224.1	5530.3	76.17
186	30.0120	8259.8	5558.9	76.36
187	29.9322	8295.5	5587.3	76.56
188	29.8525	8331.1	5615.7	76.75
189	29.7729	8366.7	5644.0	76.93
190	29.6936	8402.3	5672.3	77.12
191	29.6144	8437.8	5700.6	77.31
192	29.5353	8473.3	5728.7	77.49
193	29.4565	8508.8	5756.9	77.68
194	29.3778	8544.2	5784.9	77.86
195	29.2993	8579.6	5812.9	78.04
196	29.2209	8615.0	5840.9	78.22
197	29.1428	8650.3	5868.8	78.40
198	29.0648	8685.6	5896.6	78.58
199	28.9869	8720.9	5924.4	78.76
200	28.9093	8756.1	5952.1	78.94
201	28.8318	8791.3	5979.8	79.11
202	28.7545	8826.5	6007.4	79.29
203	28.6773	8861.7	6035.0	79.46
204	28.6004	8896.8	6062.5	79.63
205	28.5236	8931.8	6089.9	79.80
206	28.4470	8966.9	6117.3	79.98
207	28.3705	9001.9	6144.6	80.14
208	28.2943	9036.8	6171.9	80.31
209	28.2182	9071.8	6199.1	80.48
210	28.1423	9106.7	6226.3	80.65
211	28.0666	9141.6	6253.4	80.81
212	27.9910	9176.4	6280.4	80.98
213	27.9157	9211.2	6307.4	81.14
214	27.8405	9246.0	6334.3	81.30
215	27.7655	9280.7	6361.2	81.47
216	27.6907	9315.4	6388.0	81.63
217	27.6161	9350.1	6414.8	81.79
218	27.5417	9384.7	6441.5	81.95
219	27.4674	9419.3	6468.1	82.11
220	27.3934	9453.9	6494.7	82.26
221	27.3195	9488.4	6521.2	82.42
222	27.2458	9522.9	6547.7	82.57
223	27.1723	9557.4	6574.1	82.73
224	27.0990	9591.8	6600.5	82.88
225	27.0259	9626.2	6626.8	83.04
226	26.9530	9660.6	6653.1	83.19
227	26.8803	9694.9	6679.3	83.34
228	26.8078	9729.2	6705.4	83.49
229	26.7355	9763.5	6731.5	83.64
230	26.6633	9797.7	6757.5	83.79
231	26.5914	9831.9	6783.5	83.94
232	26.5197	9866.1	6809.4	84.09
233	26.4481	9900.2	6835.3	84.23
234	26.3768	9934.3	6861.1	84.38
235	26.3057	9968.3	6886.8	84.52
236	26.2348	10002.4	6912.5	84.67
237	26.1640	10036.4	6938.1	84.81
238	26.0935	10070.3	6963.7	84.96
239	26.0232	10104.2	6989.2	85.10
240	25.9531	10138.1	7014.7	85.24
241	25.8832	10171.9	7040.1	85.38
242	25.8135	10205.8	7065.5	85.52
243	25.7440	10239.5	7090.8	85.66
244	25.6748	10273.3	7116.0	85.80
245	25.6057	10307.0	7141.2	85.94
246	25.5368	10340.6	7166.3	86.07
247	25.4682	10374.3	7191.4	86.21
248	25.3998	10407.9	7216.4	86.35
249	25.3316	10441.4	7241.4	86.48
250	25.2636	10475.0	7266.3	86.61
251	25.1958	10508.5	7291.2	86.75
252	25.1282	10541.9	7316.0	86.88
253	25.0609	10575.3	7340.7	87.01
254	24.9937	10608.7	7365.4	87.15
255	24.9268	10642.1	7390.0	87.28
256	24.8601	10675.4	7414.6	87.41
257	24.7936	10708.6	7439.2	87.54
258	24.7274	10741.9	7463.6	87.67
259	24.6613	10775.1	7488.1	87.79
260	24.5955	10808.2	7512.4	87.92
261	24.5299	10841.4	7536.7	88.05
262	24.4645	10874.4	7561.0	88.18
263	24.3993	10907.5	7585.2	88.30
264	24.3344	10940.5	7609.3	88.43
265	24.2697	10973.5	7633.4	88.55
266	24.2052	11006.4	7657.5	88.68
267	24.1409	11039.3	7681.5	88.80
268	24.0769	11072.2	7705.4	88.92
269	24.0131	11105.0	7729.3	89.04
270	23.9495	11137.8	7753.1	89.17
271	23.8861	11170.6	7776.9	89.29
272	23.8230	11203.3	7800.6	89.41
273	23.7601	11236.0	7824.3	89.53
274	23.6974	11268.6	7847.9	89.65
275	23.6349	11301.2	7871.5	89.77
276	23.5727	11333.8	7895.0	89.88
277	23.5107	11366.3	7918.4	90.00
278	23.4489	11398.8	7941.8	90.12
279	23.3874	11431.3	7965.2	90.24
280	23.3260	11463.7	7988.5	90.35
281	23.2649	11496.1	8011.8	90.47
282	23.2041	11528.4	8035.0	90.58
283	23.1434	11560.7	8058.1	90.70
284	23.0830	11593.0	8081.2	90.81
285	23.0228	11625.2	8104.2	90.92
286	22.9629	11657.4	8127.2	91.04
287	22.9032	11689.5	8150.2	91.15
288	22.8437	11721.6	8173.1	91.26
289	22.7844	11753.7	8195.9	91.37
290	22.7254	11785.7	8218.7	91.48
291	22.6666	11817.7	8241.5	91.59
292	22.6080	11849.7	8264.2	91.70
293	22.5496	11881.6	8286.8	91.81
294	22.4915	11913.5	8309.4	91.92
295	22.4336	11945.4	8331.9	92.03
296	22.3759	11977.2	8354.4	92.13
297	22.3185	12008.9	8376.9	92.24
298	22.2613	12040.7	8399.3	92.35
299	22.2043	12072.3	8421.6	92.45
300	22.1475	12104.0	8443.9	92.56