300.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
* 91.163	36.2888	3703.6	2865.9	53.27
92	36.1859	3739.0	2898.9	53.66
93	36.0625	3781.4	2938.5	54.11
94	35.9388	3823.9	2978.1	54.57
95	35.8147	3866.6	3017.8	55.02
96	35.6903	3909.3	3057.6	55.47
97	35.5657	3952.1	3097.4	55.91
98	35.4407	3995.0	3137.2	56.35
99	35.3156	4037.9	3177.1	56.79
100	35.1902	4080.8	3217.0	57.22
101	35.0646	4123.8	3256.8	57.64
102	34.9388	4166.7	3296.7	58.07
103	34.8129	4209.6	3336.4	58.49
104	34.6867	4252.5	3376.2	58.90
105	34.5605	4295.4	3415.8	59.31
106	34.4340	4338.2	3455.4	59.72
107	34.3075	4381.0	3494.9	60.12
108	34.1808	4423.6	3534.3	60.52
109	34.0539	4466.2	3573.6	60.91
110	33.9270	4508.8	3612.8	61.30
111	33.7999	4551.2	3651.8	61.68
112	33.6726	4593.5	3690.7	62.06
113	33.5453	4635.7	3729.5	62.44
114	33.4178	4677.8	3768.1	62.81
115	33.2902	4719.7	3806.6	63.17
116	33.1624	4761.6	3844.9	63.53
117	33.0345	4803.3	3883.1	63.89
118	32.9065	4844.9	3921.2	64.25
119	32.7783	4886.4	3959.0	64.60
120	32.6500	4927.8	3996.8	64.94
121	32.5215	4969.1	4034.4	65.29
122	32.3929	5010.2	4071.8	65.62
123	32.2641	5051.3	4109.1	65.96
124	32.1352	5092.3	4146.3	66.29
125	32.0061	5133.2	4183.4	66.62
126	31.8768	5174.0	4220.4	66.95
127	31.7474	5214.8	4257.3	67.27
128	31.6178	5255.6	4294.2	67.59
129	31.4880	5296.4	4331.0	67.91
130	31.3580	5337.2	4367.8	68.22
131	31.2277	5378.1	4404.6	68.53
132	31.0973	5419.0	4441.5	68.85
133	30.9667	5460.1	4478.4	69.16
134	30.8359	5501.3	4515.5	69.46
135	30.7049	5542.6	4552.6	69.77
136	30.5736	5583.8	4589.5	70.08
137	30.4421	5624.9	4626.3	70.38
138	30.3104	5665.9	4663.0	70.67
139	30.1784	5706.9	4699.6	70.97
140	30.0462	5747.7	4736.0	71.26
141	29.9138	5788.3	4772.1	71.55
142	29.7811	5828.9	4808.2	71.84
143	29.6481	5869.5	4844.2	72.13
144	29.5149	5910.1	4880.1	72.41
145	29.3814	5950.7	4916.1	72.69
146	29.2477	5991.5	4952.2	72.97
147	29.1137	6032.4	4988.3	73.26
148	28.9794	6073.4	5024.5	73.54
149	28.8449	6114.4	5060.6	73.81
150	28.7100	6155.6	5096.8	74.09
151	28.5749	6197.1	5133.3	74.37
152	28.4395	6239.2	5170.3	74.65
153	28.3039	6281.4	5207.4	74.92
154	28.1679	6323.6	5244.4	75.20
155	28.0317	6365.9	5281.5	75.47
156	27.8952	6408.3	5318.6	75.75
157	27.7584	6450.8	5355.7	76.02
158	27.6213	6493.4	5392.8	76.29
159	27.4840	6536.0	5430.0	76.56
160	27.3463	6578.7	5467.1	76.82

* PHASE CHANGE

300.00 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	27.2084	6621.5	5504.3	77.09	231	17.7850	9687.9	7978.7	92.91
162	27.0703	6664.4	5541.4	77.36	232	17.6723	9729.8	8009.7	93.09
163	26.9319	6707.3	5578.6	77.62	233	17.5606	9771.6	8040.5	93.27
164	26.7932	6750.3	5615.8	77.88	234	17.4499	9813.2	8071.2	93.45
165	26.6542	6793.4	5653.0	78.15	235	17.3403	9854.7	8101.6	93.63
166	26.5150	6836.6	5690.1	78.41	236	17.2318	9896.0	8131.9	93.80
167	26.3756	6879.8	5727.3	78.67	237	17.1243	9937.2	8162.0	93.97
168	26.2360	6923.1	5764.5	78.93	238	17.0179	9978.2	8192.0	94.15
169	26.0961	6966.5	5801.7	79.18	239	16.9125	10019.1	8221.7	94.32
170	25.9560	7010.0	5838.8	79.44	240	16.8081	10059.8	8251.3	94.49
171	25.8157	7053.5	5876.0	79.69	241	16.7048	10100.4	8280.7	94.66
172	25.6752	7097.1	5913.1	79.95	242	16.6026	10140.9	8310.0	94.83
173	25.5345	7140.7	5950.3	80.20	243	16.5014	10181.2	8339.0	94.99
174	25.3937	7184.5	5987.4	80.45	244	16.4013	10221.3	8367.9	95.16
175	25.2526	7228.3	6024.5	80.70	245	16.3022	10261.3	8396.6	95.32
176	25.1115	7272.1	6061.6	80.95	246	16.2041	10301.1	8425.2	95.48
177	24.9702	7316.0	6098.7	81.20	247	16.1071	10340.8	8453.6	95.64
178	24.8288	7360.0	6135.7	81.45	248	16.0110	10380.4	8481.8	95.80
179	24.6873	7404.0	6172.7	81.70	249	15.9160	10419.7	8509.8	95.96
180	24.5458	7448.1	6209.7	81.94	250	15.8221	10459.0	8537.7	96.12
181	24.4041	7492.3	6246.7	82.19	251	15.7291	10498.0	8565.4	96.27
182	24.2624	7536.5	6283.6	82.43	252	15.6371	10536.9	8593.0	96.43
183	24.1207	7580.7	6320.5	82.67	253	15.5461	10575.7	8620.3	96.58
184	23.9790	7625.0	6357.3	82.92	254	15.4561	10614.3	8647.6	96.74
185	23.8374	7669.3	6394.1	83.16	255	15.3671	10652.8	8674.6	96.89
186	23.6957	7713.7	6430.8	83.39	256	15.2790	10691.1	8701.5	97.04
187	23.5542	7758.1	6467.5	83.63	257	15.1919	10729.3	8728.3	97.19
188	23.4127	7802.6	6504.2	83.87	258	15.1057	10767.3	8754.9	97.33
189	23.2713	7847.0	6540.8	84.11	259	15.0205	10805.1	8781.3	97.48
190	23.1301	7891.5	6577.3	84.34	260	14.9362	10842.8	8807.6	97.62
191	22.9890	7936.1	6613.8	84.57	261	14.8528	10880.4	8833.8	97.77
192	22.8481	7980.6	6650.2	84.81	262	14.7704	10917.8	8859.8	97.91
193	22.7074	8025.2	6686.5	85.04	263	14.6888	10955.1	8885.6	98.05
194	22.5670	8069.7	6722.7	85.27	264	14.6081	10992.2	8911.3	98.19
195	22.4269	8114.3	6758.9	85.50	265	14.5283	11029.2	8936.8	98.33
196	22.2870	8158.9	6795.0	85.73	266	14.4494	11066.0	8962.2	98.47
197	22.1475	8203.5	6831.0	85.95	267	14.3714	11102.7	8987.5	98.61
198	22.0083	8248.1	6866.9	86.18	268	14.2942	11139.3	9012.6	98.75
199	21.8695	8292.7	6902.7	86.40	269	14.2178	11175.7	9037.6	98.88
200	21.7311	8337.2	6938.4	86.63	270	14.1423	11211.9	9062.5	99.02
201	21.5932	8381.8	6974.0	86.85	271	14.0676	11248.1	9087.2	99.15
202	21.4557	8426.3	7009.5	87.07	272	13.9937	11284.0	9111.8	99.28
203	21.3188	8470.8	7044.9	87.29	273	13.9206	11319.9	9136.2	99.42
204	21.1823	8515.2	7080.2	87.51	274	13.8483	11355.6	9160.5	99.55
205	21.0464	8559.7	7115.3	87.73	275	13.7768	11391.2	9184.7	99.68
206	20.9111	8604.1	7150.4	87.94	276	13.7061	11426.7	9208.8	99.80
207	20.7764	8648.4	7185.3	88.16	277	13.6361	11462.0	9232.7	99.93
208	20.6423	8692.7	7220.1	88.37	278	13.5669	11497.2	9256.5	100.06
209	20.5089	8736.9	7254.7	88.58	279	13.4984	11532.2	9280.2	100.18
210	20.3762	8781.1	7289.3	88.79	280	13.4307	11567.1	9303.8	100.31
211	20.2442	8825.2	7323.6	89.00	281	13.3637	11601.9	9327.3	100.43
212	20.1129	8869.3	7357.9	89.21	282	13.2973	11636.6	9350.6	100.56
213	19.9824	8913.2	7392.0	89.42	283	13.2317	11671.2	9373.8	100.68
214	19.8527	8957.1	7426.0	89.62	284	13.1668	11705.6	9396.9	100.80
215	19.7237	9001.0	7459.8	89.83	285	13.1026	11739.9	9419.9	100.92
216	19.5956	9044.7	7493.4	90.03	286	13.0391	11774.1	9442.8	101.04
217	19.4684	9088.3	7526.9	90.23	287	12.9762	11808.2	9465.5	101.16
218	19.3420	9131.9	7560.3	90.43	288	12.9140	11842.1	9488.2	101.28
219	19.2165	9175.3	7593.5	90.63	289	12.8524	11875.9	9510.7	101.40
220	19.0919	9218.7	7626.5	90.83	290	12.7914	11909.6	9533.2	101.51
221	18.9682	9261.9	7659.3	91.02	291	12.7311	11943.2	9555.5	101.63
222	18.8455	9305.1	7692.0	91.22	292	12.6714	11976.7	9577.8	101.74
223	18.7237	9348.1	7724.6	91.41	293	12.6124	12010.1	9599.9	101.86
224	18.6029	9391.0	7757.0	91.60	294	12.5539	12043.3	9621.9	101.97
225	18.4830	9433.8	7789.1	91.80	295	12.4960	12076.5	9643.9	102.08
226	18.3642	9476.5	7821.2	91.98	296	12.4388	12109.5	9665.7	102.19
227	18.2463	9519.0	7853.0	92.17	297	12.3821	12142.5	9687.4	102.31
228	18.1295	9561.5	7884.7	92.36	298	12.3259	12175.3	9709.1	102.42
229	18.0136	9603.7	7916.2	92.54	299	12.2704	12208.0	9730.6	102.53
230	17.8988	9645.9	7947.6	92.73	300	12.2154	12240.6	9752.1	102.63