60.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
* 85.292	35.6169	2992.3	2821.6	52.87
86	35.5169	3023.6	2852.5	53.24
87	35.3742	3068.1	2896.3	53.75
88	35.2301	3112.8	2940.3	54.26
89	35.0846	3157.7	2984.4	54.77
90	34.9378	3202.8	3028.8	55.27
91	34.7898	3248.0	3073.3	55.77
92	34.6405	3293.4	3117.9	56.27
93	34.4900	3339.0	3162.7	56.76
94	34.3383	3384.7	3207.7	57.25
95	34.1855	3430.6	3252.7	57.74
96	34.0315	3476.6	3297.9	58.22
97	33.8763	3522.7	3343.2	58.69
98	33.7201	3568.9	3388.6	59.17
99	33.5626	3615.3	3434.1	59.64
100	33.4040	3661.7	3479.7	60.11
101	33.2443	3708.2	3525.3	60.57
102	33.0833	3754.8	3571.1	61.03
103	32.9212	3801.6	3616.9	61.48
104	32.7578	3848.3	3662.7	61.94
105	32.5931	3895.2	3708.7	62.38
106	32.4271	3942.1	3754.6	62.83
107	32.2598	3989.1	3800.7	63.27
108	32.0911	4036.2	3846.7	63.71
109	31.9209	4083.3	3892.8	64.14
110	31.7492	4130.5	3939.0	64.57
111	31.5760	4177.8	3985.2	65.00
112	31.4012	4225.1	4031.5	65.43
113	31.2247	4272.5	4077.8	65.85
114	31.0465	4320.0	4124.2	66.27
115	30.8664	4367.6	4170.7	66.68
116	30.6844	4415.4	4217.2	67.09
117	30.5003	4463.2	4263.9	67.51
118	30.3142	4511.2	4310.6	67.91
119	30.1258	4559.3	4357.5	68.32
120	29.9351	4607.6	4404.5	68.72
121	29.7419	4656.1	4451.7	69.13
122	29.5461	4704.8	4499.0	69.53
123	29.3475	4753.8	4546.6	69.93
124	29.1460	4803.0	4594.4	70.33
125	28.9414	4852.6	4642.5	70.72
126	28.7335	4902.5	4691.0	71.12
127	28.5221	4952.9	4739.7	71.52
128	28.3069	5003.7	4789.0	71.92
129	28.0877	5055.1	4838.6	72.32
130	27.8642	5107.0	4888.8	72.72
131	27.6360	5159.6	4939.6	73.12
132	27.4029	5213.0	4991.1	73.53
133	27.1645	5267.1	5043.3	73.94
134	26.9202	5322.2	5096.4	74.35
135	26.6695	5378.4	5150.4	74.77
136	26.4120	5435.2	5205.0	75.19
137	26.1468	5493.0	5260.5	75.61
138	25.8734	5551.9	5316.9	76.04
139	25.5907	5611.9	5374.4	76.47
140	25.2978	5673.3	5432.9	76.91
141	24.9934	5736.0	5492.8	77.36
142	24.6760	5800.5	5554.1	77.82
143	24.3439	5867.0	5617.2	78.28
144	23.9950	5935.9	5682.5	78.76
145	23.6264	6007.6	5750.2	79.26
146	23.2349	6082.6	5820.9	79.78
147	22.8159	6161.6	5895.1	80.32
148	22.3636	6245.5	5973.6	80.89
149	21.8699	6335.2	6057.2	81.50
150	21.3237	6432.6	6147.5	82.15
151	20.7081	6540.4	6246.8	82.87
152	19.9974	6662.5	6358.5	83.68
153	19.1499	6804.9	6487.4	84.61
154	18.0952	6978.7	6642.7	85.74
155	16.7257	7202.3	6838.8	87.19
156	14.9897	7491.1	7085.5	89.05
157	13.1911	7810.2	7349.3	91.08
158	11.7452	8092.7	7575.1	92.88
159	10.6917	8320.1	7751.5	94.31
160	9.91469	8503.4	7890.2	95.46

* PHASE CHANGE

60.00 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	9.31762	8655.7	8003.2	96.41	231	3.52793	11733.4	10010.1	112.96
162	8.84052	8785.9	8098.2	97.22	232	3.50585	11761.3	10027.1	113.08
163	8.44686	8900.2	8180.4	97.92	233	3.48411	11789.1	10044.1	113.20
164	8.11372	9002.4	8253.1	98.55	234	3.46271	11816.7	10061.0	113.31
165	7.82611	9095.2	8318.4	99.11	235	3.44165	11844.3	10077.8	113.43
166	7.57378	9180.6	8377.8	99.63	236	3.42090	11871.8	10094.5	113.55
167	7.34950	9259.9	8432.6	100.10	237	3.40047	11899.1	10111.2	113.66
168	7.14799	9334.1	8483.5	100.55	238	3.38034	11926.4	10127.8	113.78
169	6.96529	9404.1	8531.2	100.96	239	3.36050	11953.5	10144.4	113.89
170	6.79838	9470.4	8576.1	101.35	240	3.34096	11980.6	10160.8	114.01
171	6.64489	9533.6	8618.7	101.72	241	3.32170	12007.5	10177.2	114.12
172	6.50293	9594.0	8659.1	102.08	242	3.30271	12034.4	10193.6	114.23
173	6.37099	9652.1	8697.8	102.41	243	3.28399	12061.2	10209.9	114.34
174	6.24782	9707.9	8734.9	102.73	244	3.26553	12087.9	10226.1	114.45
175	6.13239	9761.9	8770.5	103.04	245	3.24733	12114.5	10242.3	114.56
176	6.02384	9814.1	8804.9	103.34	246	3.22937	12141.1	10258.4	114.67
177	5.92144	9864.8	8838.1	103.63	247	3.21166	12167.5	10274.5	114.77
178	5.82458	9914.0	8870.3	103.91	248	3.19419	12193.9	10290.5	114.88
179	5.73271	9962.0	8901.5	104.17	249	3.17695	12220.2	10306.5	114.99
180	5.64538	10008.8	8931.8	104.43	250	3.15993	12246.4	10322.4	115.09
181	5.56219	10054.4	8961.4	104.69	251	3.14314	12272.5	10338.3	115.19
182	5.48279	10099.1	8990.2	104.93	252	3.12656	12298.6	10354.1	115.30
183	5.40687	10142.8	9018.4	105.17	253	3.11019	12324.6	10369.9	115.40
184	5.33416	10185.7	9045.9	105.41	254	3.09403	12350.6	10385.6	115.50
185	5.26441	10227.7	9072.8	105.63	255	3.07808	12376.4	10401.3	115.61
186	5.19740	10269.0	9099.2	105.86	256	3.06232	12402.2	10416.9	115.71
187	5.13295	10309.6	9125.1	106.07	257	3.04675	12428.0	10432.5	115.81
188	5.07088	10349.5	9150.5	106.29	258	3.03138	12453.6	10448.1	115.91
189	5.01104	10388.8	9175.5	106.50	259	3.01619	12479.3	10463.6	116.01
190	4.95327	10427.5	9200.1	106.70	260	3.00118	12504.8	10479.1	116.10
191	4.89745	10465.6	9224.2	106.90	261	2.98636	12530.3	10494.5	116.20
192	4.84347	10503.2	9248.0	107.10	262	2.97170	12555.7	10509.9	116.30
193	4.79121	10540.3	9271.4	107.29	263	2.95722	12581.1	10525.2	116.40
194	4.74057	10577.0	9294.5	107.48	264	2.94291	12606.4	10540.6	116.49
195	4.69147	10613.2	9317.3	107.66	265	2.92876	12631.7	10555.8	116.59
196	4.64383	10649.0	9339.8	107.85	266	2.91477	12656.9	10571.1	116.68
197	4.59755	10684.3	9362.0	108.03	267	2.90094	12682.1	10586.3	116.78
198	4.55259	10719.3	9383.9	108.21	268	2.88726	12707.2	10601.5	116.87
199	4.50886	10754.0	9405.6	108.38	269	2.87374	12732.2	10616.6	116.96
200	4.46631	10788.2	9427.0	108.55	270	2.86037	12757.2	10631.7	117.06
201	4.42488	10822.2	9448.2	108.72	271	2.84714	12782.2	10646.8	117.15
202	4.38452	10855.8	9469.2	108.89	272	2.83406	12807.1	10661.9	117.24
203	4.34517	10889.1	9489.9	109.05	273	2.82112	12831.9	10676.9	117.33
204	4.30681	10922.1	9510.4	109.21	274	2.80831	12856.7	10691.9	117.42
205	4.26937	10954.8	9530.8	109.37	275	2.79564	12881.5	10706.8	117.51
206	4.23282	10987.3	9551.0	109.53	276	2.78311	12906.2	10721.7	117.60
207	4.19713	11019.5	9570.9	109.69	277	2.77071	12930.9	10736.6	117.69
208	4.16225	11051.4	9590.7	109.84	278	2.75843	12955.5	10751.5	117.78
209	4.12816	11083.1	9610.4	109.99	279	2.74629	12980.1	10766.3	117.87
210	4.09482	11114.6	9629.9	110.14	280	2.73426	13004.7	10781.2	117.96
211	4.06220	11145.8	9649.2	110.29	281	2.72236	13029.2	10795.9	118.04
212	4.03028	11176.9	9668.4	110.44	282	2.71058	13053.6	10810.7	118.13
213	3.99903	11207.7	9687.4	110.58	283	2.69892	13078.1	10825.4	118.22
214	3.96842	11238.3	9706.3	110.73	284	2.68738	13102.4	10840.1	118.30
215	3.93844	11268.7	9725.0	110.87	285	2.67594	13126.8	10854.8	118.39
216	3.90905	11298.9	9743.7	111.01	286	2.66462	13151.1	10869.5	118.47
217	3.88024	11329.0	9762.2	111.15	287	2.65341	13175.4	10884.1	118.56
218	3.85199	11358.9	9780.5	111.29	288	2.64231	13199.6	10898.7	118.64
219	3.82428	11388.6	9798.8	111.42	289	2.63132	13223.8	10913.3	118.73
220	3.79709	11418.1	9817.0	111.56	290	2.62043	13248.0	10927.9	118.81
221	3.77040	11447.5	9835.0	111.69	291	2.60965	13272.1	10942.4	118.89
222	3.74420	11476.7	9852.9	111.82	292	2.59896	13296.2	10956.9	118.98
223	3.71846	11505.8	9870.8	111.95	293	2.58838	13320.3	10971.4	119.06
224	3.69319	11534.7	9888.5	112.08	294	2.57790	13344.3	10985.9	119.14
225	3.66836	11563.5	9906.2	112.21	295	2.56751	13368.3	11000.4	119.22
226	3.64395	11592.1	9923.7	112.34	296	2.55722	13392.2	11014.8	119.30
227	3.61997	11620.6	9941.1	112.46	297	2.54702	13416.2	11029.2	119.38
228	3.59638	11649.0	9958.5	112.59	298	2.53692	13440.1	11043.6	119.46
229	3.57319	11677.3	9975.8	112.71	299	2.52690	13463.9	11058.0	119.54
230	3.55038	11705.4	9993.0	112.83	300	2.51698	13487.8	11072.3	119.62