

## 200.00 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
					91	35.7379	3505.6	2938.5	54.18
					92	35.6062	3548.9	2979.7	54.66
					93	35.4739	3592.3	3021.0	55.13
					94	35.3411	3635.9	3062.4	55.59
					95	35.2076	3679.5	3103.9	56.05
					96	35.0737	3723.3	3145.5	56.51
					97	34.9392	3767.1	3187.1	56.97
					98	34.8043	3811.0	3228.8	57.42
					99	34.6689	3855.0	3270.5	57.86
					100	34.5330	3899.0	3312.2	58.31
					101	34.3967	3943.0	3353.9	58.74
					102	34.2600	3987.1	3395.6	59.18
					103	34.1229	4031.1	3437.2	59.61
					104	33.9853	4075.2	3478.9	60.03
					105	33.8474	4119.2	3520.5	60.45
					106	33.7090	4163.2	3562.0	60.87
					107	33.5702	4207.1	3603.5	61.28
					108	33.4311	4251.1	3644.9	61.69
					109	33.2915	4294.9	3686.2	62.10
					110	33.1515	4338.7	3727.4	62.50
					111	33.0111	4382.4	3768.5	62.89
					112	32.8702	4426.1	3809.6	63.28
					113	32.7290	4469.7	3850.5	63.67
					114	32.5873	4513.2	3891.3	64.06
					115	32.4451	4556.7	3932.0	64.43
					116	32.3025	4600.0	3972.6	64.81
					117	32.1594	4643.3	4013.1	65.18
					118	32.0159	4686.5	4053.5	65.55
					119	31.8718	4729.6	4093.8	65.91
					120	31.7273	4772.7	4134.0	66.27
					121	31.5822	4815.7	4174.0	66.63
					122	31.4366	4858.7	4214.0	66.98
					123	31.2905	4901.6	4253.9	67.33
					124	31.1438	4944.5	4293.7	67.68
					125	30.9965	4987.3	4333.5	68.03
					126	30.8487	5030.2	4373.3	68.37
					127	30.7002	5073.1	4413.0	68.71
					128	30.5511	5116.0	4452.7	69.04
					129	30.4014	5159.0	4492.4	69.38
					130	30.2510	5202.1	4532.2	69.71
					131	30.0999	5245.3	4572.0	70.04
					132	29.9481	5288.6	4612.0	70.37
					133	29.7957	5332.2	4652.1	70.70
					134	29.6425	5376.0	4692.3	71.03
					135	29.4885	5420.0	4732.8	71.36
					136	29.3337	5463.9	4773.1	71.68
					137	29.1782	5507.9	4813.3	72.00
					138	29.0219	5551.8	4853.5	72.32
					139	28.8647	5595.8	4893.7	72.64
					140	28.7067	5639.7	4933.7	72.95
					141	28.5478	5683.6	4973.7	73.27
					142	28.3880	5727.4	5013.6	73.58
					143	28.2273	5771.4	5053.5	73.89
					144	28.0656	5815.5	5093.5	74.19
					145	27.9030	5859.8	5133.5	74.50
					146	27.7395	5904.4	5173.8	74.81
					147	27.5749	5949.1	5214.2	75.12
					148	27.4093	5994.1	5254.8	75.42
					149	27.2428	6039.3	5295.4	75.73
					150	27.0751	6084.6	5336.1	76.04
					151	26.9064	6130.5	5377.4	76.34
					152	26.7366	6177.1	5419.2	76.65
					153	26.5657	6224.0	5461.1	76.96
					154	26.3937	6271.0	5503.2	77.27
					155	26.2206	6318.2	5545.4	77.57
					156	26.0463	6365.7	5587.7	77.88
					157	25.8709	6413.4	5630.1	78.18
					158	25.6944	6461.4	5672.6	78.49
					159	25.5166	6509.5	5715.3	78.79
					160	25.3377	6557.9	5758.1	79.09
*	88.745	36.0321	3408.5	2846.1	53.10				
	89	35.9991	3419.4	2856.5	53.23				
	90	35.8688	3462.4	2897.4	53.71				

\* PHASE CHANGE

## 200.00 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	25.1577	6606.6	5801.0	79.40	231	13.1325	10159.5	8616.3	97.77
162	24.9754	6655.5	5844.1	79.70	232	13.0226	10203.0	8646.8	97.96
163	24.7940	6704.6	5887.3	80.00	233	12.9147	10246.2	8677.0	98.15
164	24.6104	6754.0	5930.5	80.30	234	12.8087	10289.0	8706.9	98.33
165	24.4257	6803.6	5973.9	80.60	235	12.7045	10331.6	8736.4	98.51
166	24.2398	6853.5	6017.4	80.91	236	12.6022	10373.8	8765.7	98.69
167	24.0528	6903.6	6061.0	81.21	237	12.5017	10415.8	8794.8	98.87
168	23.8647	6953.9	6104.8	81.51	238	12.4030	10457.4	8823.5	99.05
169	23.6755	7004.5	6148.6	81.81	239	12.3059	10498.8	8852.0	99.22
170	23.4853	7055.4	6192.5	82.11	240	12.2106	10539.9	8880.2	99.39
171	23.2941	7106.5	6236.5	82.41	241	12.1169	10580.7	8908.2	99.56
172	23.1018	7157.8	6280.6	82.71	242	12.0248	10621.2	8935.9	99.73
173	22.9087	7209.3	6324.7	83.01	243	11.9343	10661.4	8963.3	99.89
174	22.7147	7261.1	6368.9	83.30	244	11.8453	10701.4	8990.5	100.06
175	22.5199	7313.1	6413.2	83.60	245	11.7578	10741.1	9017.5	100.22
176	22.3243	7365.3	6457.6	83.90	246	11.6719	10780.5	9044.3	100.38
177	22.1280	7417.8	6501.9	84.20	247	11.5873	10819.7	9070.8	100.54
178	21.9311	7470.4	6546.3	84.49	248	11.5042	10858.6	9097.1	100.70
179	21.7337	7523.2	6590.8	84.79	249	11.4224	10897.3	9123.1	100.85
180	21.5359	7576.2	6635.2	85.08	250	11.3420	10935.8	9149.0	101.01
181	21.3377	7629.4	6679.6	85.38	251	11.2628	10974.0	9174.7	101.16
182	21.1393	7682.7	6724.0	85.67	252	11.1850	11011.9	9200.1	101.31
183	20.9408	7736.1	6768.4	85.97	253	11.1084	11049.7	9225.3	101.46
184	20.7422	7789.7	6812.7	86.26	254	11.0331	11087.2	9250.4	101.61
185	20.5437	7843.4	6857.0	86.55	255	10.9589	11124.5	9275.3	101.75
186	20.3454	7897.2	6901.1	86.84	256	10.8860	11161.5	9299.9	101.90
187	20.1474	7951.1	6945.2	87.13	257	10.8141	11198.4	9324.4	102.04
188	19.9499	8005.0	6989.2	87.42	258	10.7434	11235.0	9348.7	102.19
189	19.7530	8059.0	7033.1	87.70	259	10.6738	11271.4	9372.8	102.33
190	19.5567	8113.0	7076.8	87.99	260	10.6052	11307.7	9396.8	102.47
191	19.3613	8167.0	7120.3	88.27	261	10.5377	11343.7	9420.5	102.60
192	19.1669	8221.0	7163.7	88.55	262	10.4712	11379.5	9444.2	102.74
193	18.9735	8275.0	7206.9	88.83	263	10.4057	11415.1	9467.6	102.88
194	18.7813	8328.9	7249.9	89.11	264	10.3412	11450.6	9490.9	103.01
195	18.5904	8382.7	7292.6	89.39	265	10.2776	11485.8	9514.0	103.14
196	18.4010	8436.5	7335.1	89.66	266	10.2150	11520.9	9537.0	103.28
197	18.2131	8490.1	7377.4	89.94	267	10.1532	11555.8	9559.8	103.41
198	18.0269	8543.6	7419.4	90.21	268	10.0924	11590.5	9582.5	103.54
199	17.8424	8597.0	7461.2	90.48	269	10.0325	11625.1	9605.1	103.67
200	17.6598	8650.1	7502.6	90.74	270	9.97339	11659.4	9627.5	103.79
201	17.4791	8703.2	7543.7	91.01	271	9.91512	11693.6	9649.7	103.92
202	17.3004	8756.0	7584.6	91.27	272	9.85767	11727.7	9671.9	104.05
203	17.1238	8808.6	7625.1	91.53	273	9.80102	11761.5	9693.9	104.17
204	16.9494	8860.9	7665.3	91.79	274	9.74515	11795.3	9715.7	104.29
205	16.7772	8913.0	7705.1	92.04	275	9.69004	11828.8	9737.4	104.42
206	16.6073	8964.9	7744.6	92.29	276	9.63569	11862.2	9759.1	104.54
207	16.4396	9016.5	7783.8	92.54	277	9.58207	11895.5	9780.5	104.66
208	16.2743	9067.9	7822.6	92.79	278	9.52917	11928.6	9801.9	104.78
209	16.1115	9118.9	7861.1	93.03	279	9.47697	11961.6	9823.2	104.89
210	15.9510	9169.6	7899.1	93.28	280	9.42546	11994.4	9844.3	105.01
211	15.7929	9220.1	7936.9	93.52	281	9.37463	12027.1	9865.3	105.13
212	15.6374	9270.2	7974.2	93.75	282	9.32446	12059.6	9886.2	105.24
213	15.4842	9320.0	8011.2	93.99	283	9.27493	12092.0	9907.0	105.36
214	15.3335	9369.5	8047.9	94.22	284	9.22604	12124.3	9927.7	105.47
215	15.1853	9418.7	8084.1	94.45	285	9.17777	12156.4	9948.3	105.59
216	15.0395	9467.5	8120.0	94.68	286	9.13012	12188.4	9968.8	105.70
217	14.8962	9516.0	8155.5	94.90	287	9.08305	12220.3	9989.2	105.81
218	14.7553	9564.1	8190.7	95.12	288	9.03658	12252.1	10009.5	105.92
219	14.6168	9612.0	8225.5	95.34	289	8.99068	12283.7	10029.7	106.03
220	14.4806	9659.4	8260.0	95.56	290	8.94534	12315.2	10049.8	106.14
221	14.3469	9706.6	8294.1	95.77	291	8.90055	12346.6	10069.8	106.25
222	14.2155	9753.4	8327.8	95.98	292	8.85631	12377.9	10089.7	106.35
223	14.0863	9799.8	8361.2	96.19	293	8.81259	12409.1	10109.5	106.46
224	13.9595	9846.0	8394.2	96.40	294	8.76940	12440.2	10129.2	106.57
225	13.8349	9891.8	8426.9	96.60	295	8.72672	12471.1	10148.9	106.67
226	13.7125	9937.2	8459.3	96.80	296	8.68453	12501.9	10168.4	106.78
227	13.5923	9982.3	8491.4	97.00	297	8.64284	12532.7	10187.9	106.88
228	13.4743	10027.1	8523.1	97.20	298	8.60164	12563.3	10207.3	106.98
229	13.3583	10071.6	8554.5	97.39	299	8.56090	12593.8	10226.6	107.08
230	13.2444	10115.7	8585.6	97.58	300	8.52063	12624.2	10245.8	107.19