

140.00 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	35.3571	3393.4	2992.2	54.83
					92	35.2189	3437.5	3034.7	55.31
					93	35.0799	3481.7	3077.3	55.79
					94	34.9401	3526.1	3120.1	56.26
					95	34.7995	3570.5	3162.9	56.73
					96	34.6583	3615.1	3205.8	57.20
					97	34.5163	3659.8	3248.8	57.66
					98	34.3736	3704.5	3291.8	58.12
					99	34.2303	3749.3	3334.9	58.58
					100	34.0862	3794.2	3378.0	59.03
					101	33.9416	3839.1	3421.1	59.48
					102	33.7962	3884.0	3464.3	59.92
					103	33.6502	3929.0	3507.4	60.36
					104	33.5036	3974.0	3550.5	60.79
					105	33.3563	4019.0	3593.7	61.22
					106	33.2083	4063.9	3636.8	61.65
					107	33.0596	4108.9	3679.8	62.07
					108	32.9103	4153.9	3722.9	62.49
					109	32.7602	4198.9	3765.8	62.90
					110	32.6095	4243.8	3808.8	63.31
					111	32.4580	4288.7	3851.6	63.72
					112	32.3058	4333.5	3894.4	64.12
					113	32.1528	4378.4	3937.2	64.52
					114	31.9990	4423.2	3979.8	64.92
					115	31.8444	4467.9	4022.5	65.31
					116	31.6890	4512.7	4065.0	65.69
					117	31.5328	4557.4	4107.5	66.08
					118	31.3756	4602.1	4149.9	66.46
					119	31.2176	4646.7	4192.3	66.84
					120	31.0586	4691.4	4234.6	67.21
					121	30.8986	4736.0	4276.9	67.58
					122	30.7377	4780.7	4319.2	67.95
					123	30.5757	4825.4	4361.4	68.31
					124	30.4126	4870.1	4403.7	68.67
					125	30.2484	4914.9	4445.9	69.03
					126	30.0831	4959.8	4488.2	69.39
					127	29.9166	5004.8	4530.6	69.75
					128	29.7489	5049.8	4573.0	70.10
					129	29.5798	5095.1	4615.5	70.45
					130	29.4095	5140.5	4658.2	70.80
					131	29.2378	5186.2	4701.0	71.15
					132	29.0646	5232.1	4744.0	71.50
					133	28.8900	5278.3	4787.3	71.85
					134	28.7139	5324.9	4830.9	72.20
					135	28.5362	5371.8	4874.7	72.55
					136	28.3568	5418.8	4918.5	72.90
					137	28.1757	5465.8	4962.4	73.24
					138	27.9929	5513.1	5006.3	73.58
					139	27.8082	5560.5	5050.4	73.93
					140	27.6216	5608.0	5094.5	74.27
					141	27.4331	5655.7	5138.6	74.61
					142	27.2425	5703.5	5182.8	74.95
					143	27.0498	5751.6	5227.1	75.28
					144	26.8549	5800.0	5271.8	75.62
					145	26.6577	5848.8	5316.7	75.96
					146	26.4581	5898.1	5361.9	76.30
					147	26.2561	5947.8	5407.5	76.64
					148	26.0516	5998.0	5453.4	76.99
					149	25.8444	6048.5	5499.6	77.33
					150	25.6345	6099.6	5546.2	77.67
					151	25.4218	6151.5	5593.5	78.02
					152	25.2062	6204.3	5641.5	78.37
					153	24.9876	6257.7	5690.0	78.72
					154	24.7658	6311.6	5738.8	79.07
					155	24.5409	6366.0	5788.0	79.42
					156	24.3127	6421.1	5837.6	79.78
					157	24.0811	6476.7	5887.6	80.13
					158	23.8460	6532.9	5938.0	80.49
					159	23.6074	6589.8	5988.9	80.85
					160	23.3652	6647.3	6040.2	81.21
*	87.275	35.8638	3230.6	2835.1	53.00				
	88	35.7663	3262.1	2865.5	53.36				
	89	35.6308	3305.7	2907.6	53.86				
	90	35.4944	3349.5	2949.8	54.34				

* PHASE CHANGE

140.00 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	23.1192	6705.5	6091.9	81.57	231	9.16717	10719.0	9171.5	102.57
162	22.8696	6764.3	6144.0	81.93	232	9.08794	10758.7	9197.8	102.74
163	22.6162	6823.9	6196.6	82.30	233	9.01046	10798.1	9223.7	102.91
164	22.3590	6884.1	6249.7	82.67	234	8.93466	10837.1	9249.3	103.08
165	22.0981	6945.1	6303.1	83.04	235	8.86050	10875.7	9274.7	103.24
166	21.8334	7006.8	6357.0	83.41	236	8.78792	10914.1	9299.8	103.40
167	21.5651	7069.2	6411.4	83.79	237	8.71686	10952.1	9324.7	103.57
168	21.2932	7132.3	6466.1	84.16	238	8.64727	10989.8	9349.3	103.72
169	21.0179	7196.2	6521.2	84.54	239	8.57911	11027.2	9373.7	103.88
170	20.7394	7260.7	6576.7	84.92	240	8.51232	11064.4	9397.9	104.04
171	20.4580	7326.0	6632.6	85.31	241	8.44687	11101.2	9421.8	104.19
172	20.1738	7391.9	6688.7	85.69	242	8.38271	11137.8	9445.5	104.34
173	19.8873	7458.3	6745.0	86.08	243	8.31980	11174.1	9469.0	104.49
174	19.5989	7525.4	6801.6	86.46	244	8.25809	11210.1	9492.3	104.64
175	19.3089	7593.0	6858.3	86.85	245	8.19757	11245.9	9515.4	104.78
176	19.0180	7661.1	6915.1	87.24	246	8.13817	11281.4	9538.3	104.93
177	18.7265	7729.5	6972.0	87.63	247	8.07988	11317.6	9561.0	105.07
178	18.4350	7798.3	7028.8	88.01	248	8.02266	11351.8	9583.5	105.21
179	18.1443	7867.3	7085.4	88.40	249	7.96648	11386.6	9605.9	105.35
180	17.8547	7936.4	7141.9	88.79	250	7.91130	11421.2	9628.1	105.49
181	17.5670	8005.7	7198.1	89.17	251	7.85710	11455.6	9650.1	105.63
182	17.2817	8074.9	7254.0	89.55	252	7.80385	11489.7	9671.9	105.77
183	16.9994	8144.0	7309.5	89.93	253	7.75152	11523.7	9693.6	105.90
184	16.7206	8212.9	7364.5	90.30	254	7.70008	11557.5	9715.2	106.03
185	16.4459	8281.5	7418.9	90.68	255	7.64952	11591.0	9736.5	106.17
186	16.1756	8349.8	7472.8	91.04	256	7.59980	11624.4	9757.8	106.30
187	15.9101	8417.6	7526.0	91.41	257	7.55090	11657.6	9778.9	106.43
188	15.6499	8485.0	7578.5	91.77	258	7.50280	11690.6	9799.8	106.55
189	15.3951	8551.8	7630.3	92.12	259	7.45548	11723.4	9820.6	106.68
190	15.1461	8617.9	7681.3	92.47	260	7.40892	11756.0	9841.3	106.81
191	14.9029	8683.4	7731.6	92.81	261	7.36310	11788.5	9861.9	106.93
192	14.6657	8748.3	7781.0	93.15	262	7.31800	11820.8	9882.3	107.05
193	14.4347	8812.3	7829.6	93.49	263	7.27359	11852.9	9902.6	107.18
194	14.2098	8875.7	7877.3	93.81	264	7.22987	11884.9	9922.8	107.30
195	13.9910	8938.2	7924.3	94.13	265	7.18681	11916.7	9942.9	107.42
196	13.7783	8999.9	7970.4	94.45	266	7.14440	11948.4	9962.8	107.54
197	13.5717	9060.9	8015.6	94.76	267	7.10262	11979.9	9982.7	107.66
198	13.3710	9121.0	8060.0	95.06	268	7.06145	12011.3	10002.4	107.77
199	13.1762	9180.3	8103.7	95.36	269	7.02089	12042.6	10022.0	107.89
200	12.9871	9238.8	8146.5	95.66	270	6.98091	12073.6	10041.6	108.01
201	12.8036	9296.4	8188.5	95.94	271	6.94150	12104.6	10061.0	108.12
202	12.6255	9353.3	8229.7	96.23	272	6.90266	12135.4	10080.3	108.23
203	12.4527	9409.4	8270.2	96.50	273	6.86435	12166.1	10099.5	108.35
204	12.2851	9464.7	8310.0	96.78	274	6.82658	12196.7	10118.6	108.46
205	12.1225	9519.2	8349.0	97.04	275	6.78933	12227.1	10137.7	108.57
206	11.9646	9573.0	8387.3	97.30	276	6.75259	12257.4	10156.6	108.68
207	11.8115	9626.0	8425.0	97.56	277	6.71635	12287.6	10175.5	108.79
208	11.6628	9678.3	8461.9	97.81	278	6.68059	12317.7	10194.3	108.90
209	11.5184	9729.9	8498.3	98.06	279	6.64530	12347.7	10212.9	109.00
210	11.3783	9780.8	8534.0	98.30	280	6.61048	12377.5	10231.5	109.11
211	11.2421	9831.0	8569.1	98.54	281	6.57611	12407.2	10250.1	109.22
212	11.1099	9880.5	8603.7	98.78	282	6.54219	12436.9	10268.5	109.32
213	10.9813	9929.5	8637.6	99.01	283	6.50870	12466.4	10286.9	109.43
214	10.8564	9977.8	8671.1	99.23	284	6.47563	12495.8	10305.1	109.53
215	10.7348	10025.5	8704.0	99.45	285	6.44298	12525.1	10323.3	109.63
216	10.6167	10072.6	8736.4	99.67	286	6.41074	12554.3	10341.5	109.74
217	10.5017	10119.1	8768.3	99.89	287	6.37890	12583.4	10359.5	109.84
218	10.3898	10165.1	8799.7	100.10	288	6.34745	12612.4	10377.5	109.94
219	10.2808	10210.5	8830.7	100.31	289	6.31638	12641.3	10395.5	110.04
220	10.1747	10255.4	8861.2	100.51	290	6.28568	12670.2	10413.3	110.14
221	10.0713	10299.8	8891.3	100.71	291	6.25535	12698.9	10431.1	110.24
222	9.97057	10343.7	8921.0	100.91	292	6.22538	12727.5	10448.8	110.33
223	9.87234	10387.2	8950.2	101.11	293	6.19577	12756.1	10466.5	110.43
224	9.77656	10430.1	8979.1	101.30	294	6.16650	12784.5	10484.1	110.53
225	9.68312	10472.7	9007.6	101.49	295	6.13756	12812.9	10501.6	110.63
226	9.59194	10514.7	9035.8	101.67	296	6.10896	12841.2	10519.1	110.72
227	9.50294	10556.4	9063.6	101.86	297	6.08069	12869.4	10536.5	110.82
228	9.41603	10597.6	9091.1	102.04	298	6.05274	12897.6	10553.8	110.91
229	9.33115	10638.5	9118.2	102.22	299	6.02509	12925.6	10571.1	111.01
230	9.24822	10678.9	9145.0	102.40	300	5.99776	12953.6	10588.4	111.10