

90.00 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	35.0117	3301.9	3041.4	55.41
					92	34.8670	3346.8	3085.2	55.90
					93	34.7212	3391.8	3129.1	56.38
					94	34.5745	3436.9	3173.2	56.87
					95	34.4267	3482.2	3217.3	57.35
					96	34.2780	3527.6	3261.6	57.82
					97	34.1283	3573.1	3305.9	58.29
					98	33.9777	3618.7	3350.3	58.76
					99	33.8262	3664.4	3394.8	59.22
					100	33.6737	3710.2	3439.4	59.68
					101	33.5203	3756.0	3484.0	60.14
					102	33.3659	3801.9	3528.6	60.59
					103	33.2105	3847.9	3573.3	61.04
					104	33.0542	3893.9	3618.0	61.49
					105	32.8970	3940.0	3662.7	61.93
					106	32.7387	3986.1	3707.5	62.36
					107	32.5793	4032.2	3752.3	62.80
					108	32.4189	4078.3	3797.0	63.23
					109	32.2574	4124.5	3841.8	63.65
					110	32.0948	4170.7	3886.6	64.07
					111	31.9311	4216.9	3931.3	64.49
					112	31.7661	4263.2	3976.1	64.91
					113	31.6000	4309.5	4020.9	65.32
					114	31.4325	4355.8	4065.6	65.73
					115	31.2637	4402.1	4110.4	66.13
					116	31.0936	4448.5	4155.2	66.53
					117	30.9220	4494.9	4200.0	66.93
					118	30.7489	4541.4	4244.8	67.33
					119	30.5742	4587.9	4289.6	67.72
					120	30.3979	4634.5	4334.5	68.11
					121	30.2200	4681.2	4379.5	68.50
					122	30.0402	4728.1	4424.5	68.88
					123	29.8587	4775.0	4469.6	69.27
					124	29.6751	4822.2	4514.8	69.65
					125	29.4896	4869.5	4560.2	70.03
					126	29.3019	4917.0	4605.7	70.41
					127	29.1120	4964.7	4651.5	70.78
					128	28.9197	5012.8	4697.4	71.16
					129	28.7250	5061.1	4743.6	71.54
					130	28.5277	5109.8	4790.1	71.91
					131	28.3277	5158.9	4837.0	72.29
					132	28.1247	5208.5	4884.3	72.67
					133	27.9187	5258.6	4932.0	73.04
					134	27.7095	5309.3	4980.2	73.42
					135	27.4969	5360.6	5029.0	73.80
					136	27.2807	5412.2	5077.9	74.19
					137	27.0607	5464.2	5127.2	74.57
					138	26.8366	5516.7	5176.9	74.95
					139	26.6081	5569.8	5227.0	75.33
					140	26.3751	5623.3	5277.5	75.72
					141	26.1371	5677.4	5328.4	76.10
					142	25.8938	5732.1	5379.9	76.49
					143	25.6450	5787.6	5431.9	76.88
					144	25.3900	5843.9	5484.7	77.27
					145	25.1286	5901.3	5538.4	77.67
					146	24.8602	5959.8	5592.9	78.07
					147	24.5842	6019.4	5648.5	78.48
					148	24.3000	6080.4	5705.1	78.90
					149	24.0070	6142.7	5762.8	79.32
					150	23.7044	6206.5	5821.8	79.75
					151	23.3913	6272.2	5882.3	80.19
					152	23.0668	6340.2	5944.8	80.64
					153	22.7299	6410.1	6008.9	81.10
					154	22.3793	6482.1	6074.6	81.56
					155	22.0140	6556.5	6142.2	82.05
					156	21.6324	6633.4	6211.9	82.54
					157	21.2333	6713.2	6283.7	83.05
					158	20.8151	6796.0	6357.9	83.58
					159	20.3765	6882.2	6434.7	84.12
					160	19.9164	6972.0	6514.2	84.68
*	86.039	35.7130	3081.8	2826.5	52.92				
	87	35.5795	3124.1	2867.8	53.41				
	88	35.4393	3168.3	2911.0	53.91				
	89	35.2980	3212.6	2954.3	54.42				
	90	35.1554	3257.2	2997.8	54.91				

* PHASE CHANGE

90.00 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	19.4340	7065.7	6596.4	85.27	231	5.56492	11337.9	9699.1	108.29
162	18.9292	7163.3	6681.6	85.87	232	5.52390	11370.4	9719.5	108.43
163	18.4031	7265.0	6769.4	86.50	233	5.48368	11402.7	9739.6	108.57
164	17.8582	7370.5	6859.8	87.14	234	5.44423	11434.7	9759.7	108.71
165	17.2987	7479.4	6952.2	87.80	235	5.40553	11466.6	9779.6	108.84
166	16.7304	7591.0	7045.9	88.48	236	5.36755	11498.3	9799.3	108.98
167	16.1604	7704.5	7140.2	89.16	237	5.33027	11529.8	9818.9	109.11
168	15.5964	7818.7	7234.0	89.84	238	5.29368	11561.1	9838.4	109.24
169	15.0456	7932.7	7326.6	90.52	239	5.25773	11592.2	9857.7	109.37
170	14.5143	8045.3	7417.0	91.18	240	5.22243	11623.2	9877.0	109.50
171	14.0071	8155.8	7504.8	91.83	241	5.18774	11654.0	9896.1	109.63
172	13.5271	8263.5	7589.3	92.46	242	5.15365	11684.6	9915.1	109.76
173	13.0756	8367.9	7670.5	93.06	243	5.12014	11715.0	9933.9	109.88
174	12.6530	8468.7	7748.0	93.65	244	5.08720	11745.4	9952.7	110.01
175	12.2587	8565.9	7821.9	94.20	245	5.05480	11775.5	9971.4	110.13
176	11.8914	8659.3	7892.4	94.73	246	5.02293	11805.5	9989.9	110.25
177	11.5495	8749.1	7959.5	95.24	247	4.99158	11835.4	10008.4	110.37
178	11.2312	8835.3	8023.3	95.73	248	4.96073	11865.1	10026.8	110.49
179	10.9347	8918.2	8084.2	96.19	249	4.93037	11894.7	10045.0	110.61
180	10.6582	8998.0	8142.3	96.64	250	4.90048	11924.1	10063.2	110.73
181	10.4000	9074.7	8197.8	97.06	251	4.87106	11953.4	10081.3	110.85
182	10.1584	9148.6	8250.9	97.47	252	4.84208	11982.6	10099.3	110.96
183	9.93206	9219.9	8301.7	97.86	253	4.81355	12011.7	10117.2	111.08
184	9.71950	9288.8	8350.6	98.24	254	4.78544	12040.7	10135.0	111.19
185	9.51955	9355.4	8397.5	98.60	255	4.75774	12069.5	10152.7	111.31
186	9.33109	9420.0	8442.6	98.95	256	4.73045	12098.2	10170.4	111.42
187	9.15313	9482.5	8486.2	99.28	257	4.70355	12126.8	10188.0	111.53
188	8.98478	9543.2	8528.2	99.60	258	4.67704	12155.3	10205.5	111.64
189	8.82524	9602.3	8568.9	99.92	259	4.65091	12183.7	10222.9	111.75
190	8.67378	9659.7	8608.3	100.22	260	4.62514	12212.0	10240.2	111.86
191	8.52976	9715.7	8646.5	100.51	261	4.59972	12240.1	10257.5	111.97
192	8.39260	9770.2	8683.6	100.80	262	4.57466	12268.2	10274.7	112.07
193	8.26177	9823.5	8719.7	101.08	263	4.54994	12296.2	10291.9	112.18
194	8.13680	9875.6	8754.8	101.35	264	4.52555	12324.1	10309.0	112.29
195	8.01726	9926.5	8789.0	101.61	265	4.50148	12351.9	10326.0	112.39
196	7.90276	9976.4	8822.4	101.86	266	4.47773	12379.6	10342.9	112.50
197	7.79297	10025.2	8855.0	102.11	267	4.45429	12407.2	10359.8	112.60
198	7.68754	10073.1	8886.8	102.35	268	4.43116	12434.7	10376.7	112.70
199	7.58621	10120.1	8918.0	102.59	269	4.40832	12462.1	10393.4	112.81
200	7.48870	10166.3	8948.5	102.82	270	4.38578	12489.5	10410.1	112.91
201	7.39477	10211.6	8978.4	103.05	271	4.36351	12516.7	10426.8	113.01
202	7.30421	10256.2	9007.7	103.27	272	4.34153	12543.9	10443.4	113.11
203	7.21680	10300.1	9036.5	103.49	273	4.31981	12571.0	10459.9	113.21
204	7.13237	10343.3	9064.7	103.70	274	4.29836	12598.1	10476.4	113.31
205	7.05074	10385.9	9092.5	103.91	275	4.27718	12625.0	10492.9	113.40
206	6.97175	10427.8	9119.8	104.11	276	4.25624	12651.9	10509.3	113.50
207	6.89527	10469.2	9146.6	104.31	277	4.23556	12678.7	10525.6	113.60
208	6.82115	10510.0	9173.1	104.51	278	4.21512	12705.4	10541.9	113.69
209	6.74926	10550.3	9199.1	104.70	279	4.19493	12732.1	10558.1	113.79
210	6.67951	10590.0	9224.7	104.89	280	4.17496	12758.7	10574.3	113.89
211	6.61177	10629.3	9250.0	105.08	281	4.15523	12785.2	10590.5	113.98
212	6.54594	10668.1	9275.0	105.26	282	4.13572	12811.6	10606.6	114.07
213	6.48195	10706.5	9299.6	105.44	283	4.11644	12838.0	10622.6	114.17
214	6.41969	10744.4	9323.9	105.62	284	4.09737	12864.4	10638.7	114.26
215	6.35908	10781.9	9347.9	105.79	285	4.07852	12890.6	10654.6	114.35
216	6.30006	10819.1	9371.6	105.97	286	4.05987	12916.8	10670.6	114.44
217	6.24255	10855.8	9395.0	106.14	287	4.04143	12943.0	10686.5	114.54
218	6.18648	10892.2	9418.1	106.30	288	4.02319	12969.0	10702.3	114.63
219	6.13179	10928.3	9441.0	106.47	289	4.00514	12995.1	10718.1	114.72
220	6.07842	10964.0	9463.7	106.63	290	3.98730	13021.0	10733.9	114.81
221	6.02632	10999.4	9486.1	106.79	291	3.96964	13046.9	10749.6	114.90
222	5.97544	11034.5	9508.3	106.95	292	3.95217	13072.8	10765.3	114.98
223	5.92572	11069.3	9530.3	107.11	293	3.93488	13098.6	10781.0	115.07
224	5.87712	11103.8	9552.1	107.26	294	3.91777	13124.3	10796.6	115.16
225	5.82960	11138.0	9573.6	107.41	295	3.90084	13150.0	10812.2	115.25
226	5.78312	11171.9	9595.0	107.56	296	3.88408	13175.6	10827.7	115.33
227	5.73763	11205.6	9616.2	107.71	297	3.86749	13201.2	10843.2	115.42
228	5.69310	11239.0	9637.2	107.86	298	3.85108	13226.8	10858.7	115.51
229	5.64949	11272.2	9658.0	108.00	299	3.83482	13252.2	10874.2	115.59
230	5.60678	11305.2	9678.6	108.15	300	3.81873	13277.7	10889.6	115.68