280.00 ATMOSPHERE ISOBAR

	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
*	90.683	36.2395	3644.7	2861.8	53.24
	91	36.2001	3658.1	2874.4	53.38
	92	36.0756	3700.6	2914.1	53.85
	93	35.9506	3743.2	2954.0	54.31
	94	35.8252	3785.9	2994.0	54.76
	95	35.6995	3828.7	3034.0	55.22
	96	35.5734	3871.6	3074.1	55.67
	97	35.4470	3914.6	3114.2	56.11
	98	35.3203	3957.7	3154.4	56.55
	99	35.1933	4000.8	3194.6	56.99
	100	35.0661	4043.9	3234.8	57.43
	101	34.9386	4087.0	3275.0	57.85
	102	34.8109	4130.1	3315.1	58.28
	103	34.6829	4173.3	3355.2	58.70
	104	34.5548	4216.4	3395.3	59.12
	105	34.4265	4259.4	3435.3	59.53
	106	34.2980	4302.4	3475.2	59.94
	107	34.1693	4345.4	3515.1	60.34
	108	34.0404	4388.3	3554.8	60.74
	109	33.9114	4431.1	3594.5	61.13
	110	33.7822	4473.8	3634.0	61.52
	111	33.6528	4516.5	3673.4	61.91
	112	33.5232	4559.0	3712.7	62.29
	113	33.3935	4601.4	3751.8	62.67
	114	33.2635	4643.7	3790.8	63.04
	115	33.1334	4686.0	3829.7	63.41
	116	33.0032	4728.1	3868.4	63.77
	117	32.8727	4770.0	3907.0	64.13
	118	32.7420	4811.9	3945.4	64.49
	119	32.6112	4853.7	3983.7	64.84
	120	32.4802	4895.3	4021.8	65.19
	121	32.3489	4936.9	4059.8	65.54
	122	32.2175	4978.3	4097.7	65.88
	123	32.0858	5019.7	4135.4	66.22
	124	31.9540	5061.0	4173.1	66.55
	125	31.8219	5102.2	4210.6	66.88
	126	31.6896	5143.4	4248.1	67.21
	127	31.5570	5184.5	4285.4	67.53
	128	31.4242	5225.6	4322.7	67.86
	129	31.2912	5266.7	4360.0	68.18
	130	31.1579	5307.9	4397.3	68.49
	131	31.0243	5349.1	4434.6	68.81
	132	30.8905	5390.4	4472.0	69.12
	133	30.7564	5431.9	4509.4	69.44
	134	30.6220	5473.5	4547.0	69.75
	135	30.4873	5515.3	4584.6	70.06
	136	30.3524	5556.8	4622.1	70.37
	137	30.2171	5598.4	4659.4	70.67
	138	30.0816	5639.8	4696.7	70.97
	139	29.9457	5681.2	4733.8	71.27
	140	29.8095	5722.5	4770.7	71.57
	141	29.6730	5763.6	4807.5	71.86
	142	29.5361	5804.7	4844.1	72.15
	143	29.3990	5845.8	4880.7	72.44
	144	29.2614	5886.9	4917.3	72.73
	145	29.1236	5928.1	4953.9	73.01
	146	28.9854	5969.4	4990.6	73.30
	147	28.8468	6010.8	5027.3	73.58
	148	28.7079	6052.4	5064.2	73.87
	149	28.5686	6094.1	5100.9	74.15
	150	28.4290	6135.8	5137.8	74.43
	151	28.2890	6178.0	5175.0	74.72
	152	28.1486	6220.7	5212.8	75.00
	153	28.0078	6263.5	5250.5	75.28
	154	27.8667	6306.4	5288.3	75.56
	155	27.7252	6349.4	5326.1	75.84
	156	27.5834	6392.5	5363.9	76.11
	157	27.4411	6435.7	5401.8	76.39
	158	27.2985	6479.0	5439.7	76.66
	159	27.1555	6522.4	5477.6	76.94
	160	27.0122	6565.9	5515.5	77.21

* PHASE CHANGE

280.00 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	26.8685	6609.4	5553.5	77.48	231	17.0304	9748.0	8082.1	93.67
162	26.7244	6653.1	5591.5	77.75	232	16.9158	9790.5	8113.3	93.86
163	26.5800	6696.9	5629.5	78.02	233	16.8025	9832.8	8144.2	94.04
164	26.4352	6740.7	5667.5	78.29	234	16.6904	9874.9	8175.0	94.22
165	26.2901	6784.7	5705.5	78.56	235	16.5794	9916.9	8205.6	94.40
166	26.1446	6828.7	5743.5	78.82	236	16.4697	9958.7	8236.0	94.58
167	25.9988	6872.8	5781.6	79.09	237	16.3612	10000.3	8266.2	94.75
168	25.8527	6917.1	5819.6	79.35	238	16.2538	10041.8	8296.3	94.93
169	25.7063	6961.4	5857.7	79.62	239	16.1477	10083.1	8326.1	95.10
170	25.5596	7005.8	5895.8	79.88	240	16.0427	10124.2	8355.7	95.27
171	25.4126	7050.3	5933.8	80.14	241	15.9390	10165.2	8385.1	95.44
172	25.2653	7094.8	5971.9	80.40	242	15.8364	10205.9	8414.4	95.61
173	25.1177	7139.5	6010.0	80.66	243	15.7350	10246.5	8443.4	95.78
174	24.9699	7184.3	6048.0	80.91	244	15.6347	10287.0	8472.3	95.94
175	24.8219	7229.1	6086.1	81.17	245	15.5356	10327.2	8501.0	96.11
176	24.6737	7274.0	6124.1	81.43	246	15.4376	10367.3	8529.5	96.27
177	24.5253	7319.0	6162.1	81.68	247	15.3408	10407.2	8557.8	96.43
178	24.3767	7364.0	6200.1	81.94	248	15.2451	10447.0	8585.9	96.59
179	24.2279	7409.2	6238.1	82.19	249	15.1505	10486.5	8613.9	96.75
180	24.0791	7454.4	6276.1	82.44	250	15.0571	10525.9	8641.6	96.91
181	23.9301	7499.6	6314.0	82.69	251	14.9647	10565.1	8669.2	97.07
182	23.7810	7545.0	6351.9	82.94	252	14.8734	10604.2	8696.6	97.22
183	23.6319	7590.4	6389.8	83.19	253	14.7832	10643.1	8723.9	97.38
184	23.4827	7635.8	6427.6	83.44	254	14.6941	10681.8	8750.9	97.53
185	23.3336	7681.3	6465.4	83.68	255	14.6060	10720.3	8777.8	97.68
186	23.1845	7726.9	6503.2	83.93	256	14.5189	10758.7	8804.6	97.83
187	23.0354	7772.5	6540.9	84.17	257	14.4329	10796.9	8831.1	97.98
188	22.8864	7818.2	6578.5	84.42	258	14.3479	10834.9	8857.5	98.13
189	22.7375	7863.9	6616.1	84.66	259	14.2639	10872.8	8883.8	98.28
190	22.5888	7909.6	6653.6	84.90	260	14.1809	10910.5	8909.8	98.42
191	22.4403	7955.3	6691.0	85.14	261	14.0989	10948.1	8935.8	98.56
192	22.2920	8001.1	6728.4	85.38	262	14.0178	10985.5	8961.5	98.71
193	22.1439	8046.9	6765.7	85.62	263	13.9377	11022.7	8987.1	98.85
194	21.9961	8092.7	6802.9	85.86	264	13.8586	11059.8	9012.6	98.99
195	21.8487	8138.5	6840.0	86.09	265	13.7803	11096.7	9037.9	99.13
196	21.7016	8184.4	6877.0	86.33	266	13.7030	11133.5	9063.0	99.27
197	21.5549	8230.2	6913.9	86.56	267	13.6266	11170.1	9088.0	99.41
198	21.4086	8276.0	6950.8	86.79	268	13.5511	11206.6	9112.9	99.54
199	21.2628	8321.8	6987.5	87.02	269	13.4765	11242.9	9137.6	99.68
200	21.1175	8367.6	7024.1	87.25	270	13.4027	11279.0	9162.2	99.81
201	20.9727	8413.4	7060.6	87.48	271	13.3298	11315.0	9186.6	99.94
202	20.8285	8459.1	7097.0	87.71	272	13.2577	11350.9	9210.9	100.08
203	20.6849	8504.8	7133.2	87.93	273	13.1865	11386.6	9235.0	100.21
204	20.5420	8550.5	7169.3	88.16	274	13.1161	11422.2	9259.1	100.34
205	20.3997	8596.1	7205.3	88.38	275	13.0465	11457.6	9283.0	100.47
206	20.2582	8641.6	7241.1	88.60	276	12.9777	11492.9	9306.7	100.59
207	20.1174	8687.1	7276.8	88.82	277	12.9097	11528.1	9330.4	100.72
208	19.9774	8732.6	7312.4	89.04	278	12.8424	11563.1	9353.9	100.85
209	19.8382	8777.9	7347.8	89.26	279	12.7760	11597.9	9377.2	100.97
210	19.6998	8823.2	7383.0	89.47	280	12.7102	11632.7	9400.5	101.10
211	19.5623	8868.4	7418.1	89.69	281	12.6452	11667.3	9423.6	101.22
212	19.4257	8913.5	7453.0	89.90	282	12.5810	11701.8	9446.6	101.34
213	19.2900	8958.5	7487.7	90.11	283	12.5174	11736.1	9469.5	101.46
214	19.1553	9003.5	7522.3	90.32	284	12.4546	11770.3	9492.3	101.59
215	19.0216	9048.3	7556.7	90.53	285	12.3925	11804.4	9515.0	101.71
216	18.8889	9093.0	7591.0	90.74	286	12.3310	11838.4	9537.5	101.82
217	18.7572	9137.6	7625.0	90.95	287	12.2702	11872.2	9560.0	101.94
218	18.6265	9182.1	7658.9	91.15	288	12.2101	11905.9	9582.3	102.06
219	18.4969	9226.5	7692.6	91.35	289	12.1507	11939.5	9604.5	102.18
220	18.3684	9270.7	7726.1	91.56	290	12.0918	11973.0	9626.7	102.29
221	18.2410	9314.8	7759.4	91.76	291	12.0337	12006.4	9648.7	102.41
222	18.1147	9358.8	7792.6	91.95	292	11.9761	12039.6	9670.6	102.52
223	17.9896	9402.6	7825.5	92.15	293	11.9192	12072.7	9692.4	102.63
224	17.8656	9446.3	7858.3	92.35	294	11.8629	12105.7	9714.1	102.75
225	17.7427	9489.9	7890.8	92.54	295	11.8072	12138.6	9735.7	102.86
226	17.6210	9533.3	7923.2	92.73	296	11.7520	12171.4	9757.2	102.97
227	17.5005	9576.5	7955.3	92.92	297	11.6975	12204.1	9778.6	103.08
228	17.3812	9619.6	7987.3	93.11	298	11.6435	12236.6	9799.9	103.19
229	17.2631	9662.6	8019.1	93.30	299	11.5901	12269.1	9821.1	103.30
230	17.1461	9705.4	8050.7	93.49	300	11.5372	12301.4	9842.3	103.41