400.00 ATMOSPHERE ISOBAR

	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
*	93.543	36.5228	3997.4	2887.6	53.44
	94	36.4695	4016.5	2905.1	53.64
	95	36.3527	4058.3	2943.4	54.08
	96	36.2357	4100.3	2981.7	54.52
	97	36.1186	4142.3	3020.2	54.96
	98	36.0014	4184.4	3058.6	55.39
	99	35.8841	4226.6	3097.1	55.82
	100	35.7667	4268.7	3135.5	56.24
	101	35.6492	4310.9	3174.0	56.66
	102	35.5317	4353.1	3212.4	57.08
	103	35.4141	4395.2	3250.7	57.49
	104	35.2965	4437.3	3289.0	57.89
	105	35.1789	4479.4	3327.3	58.30
	106	35.0613	4521.4	3365.4	58.70
	107	34.9438	4563.3	3403.4	59.09
	108	34.8262	4605.2	3441.4	59.48
	109	34.7086	4646.9	3479.2	59.86
	110	34.5911	4688.6	3516.9	60.24
	111	34.4736	4730.1	3554.4	60.62
	112	34.3561	4771.5	3591.8	60.99
	113	34.2386	4812.8	3629.0	61.36
	114	34.1212	4854.0	3666.1	61.72
	115	34.0038	4895.0	3703.0	62.08
	116	33.8864	4935.9	3739.8	62.43
	117	33.7691	4976.6	3776.4	62.78
	118	33.6518	5017.2	3812.8	63.13
	119	33.5345	5057.7	3849.0	63.47
	120	33.4172	5098.0	3885.1	63.81
	121	33.3000	5138.2	3921.0	64.14
	122	33.1829	5178.2	3956.8	64.47
	123	33.0657	5218.2	3992.4	64.80
	124	32.9486	5258.0	4027.8	65.12
	125	32.8314	5297.7	4063.2	65.44
	126	32.7144	5337.3	4098.4	65.75
	127	32.5973	5376.9	4133.5	66.07
	128	32.4802	5416.4	4168.5	66.38
	129	32.3632	5455.9	4203.5	66.68
	130	32.2461	5495.3	4238.4	66.99
	131	32.1291	5534.8	4273.3	67.29
	132	32.0121	5574.4	4308.3	67.59
	133	31.8951	5614.0	4343.2	67.89
	134	31.7780	5653.7	4378.3	68.19
	135	31.6610	5693.6	4413.4	68.48
	136	31.5440	5733.2	4448.3	68.78
	137	31.4270	5772.7	4483.0	69.07
	138	31.3099	5812.2	4517.6	69.35
	139	31.1929	5851.4	4552.1	69.64
	140	31.0758	5890.6	4586.3	69.92
	141	30.9588	5929.5	4620.3	70.19
	142	30.8417	5968.3	4654.1	70.47
	143	30.7246	6007.0	4687.9	70.74
	144	30.6074	6045.8	4721.6	71.01
	145	30.4903	6084.6	4755.2	71.28
	146	30.3731	6123.4	4788.9	71.55
	147	30.2559	6162.3	4822.7	71.82
	148	30.1387	6201.3	4856.5	72.09
	149	30.0215	6240.2	4890.2	72.35
	150	29.9042	6279.3	4923.9	72.61
	151	29.7869	6318.6	4957.9	72.88
	152	29.6696	6358.5	4992.4	73.14
	153	29.5523	6398.4	5026.9	73.40
	154	29.4349	6438.4	5061.4	73.66
	155	29.3175	6478.3	5095.9	73.92
	156	29.2001	6518.3	5130.3	74.18
	157	29.0826	6558.4	5164.7	74.43
	158	28.9652	6598.4	5199.1	74.69
	159	28.8477	6638.5	5233.5	74.94
	160	28.7302	6678.6	5267.9	75.19

* PHASE CHANGE

400.00 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	28.6127	6718.7	5302.2	75.44	231	20.7031	9536.0	7578.3	89.98
162	28.4951	6758.9	5336.5	75.69	232	20.6022	9575.2	7607.8	90.15
163	28.3776	6799.1	5370.8	75.94	233	20.5019	9614.3	7637.3	90.32
164	28.2600	6839.3	5405.1	76.18	234	20.4022	9653.3	7666.7	90.48
165	28.1424	6879.5	5439.3	76.43	235	20.3031	9692.2	7695.9	90.65
166	28.0249	6919.8	5473.5	76.67	236	20.2045	9731.1	7725.1	90.82
167	27.9073	6960.0	5507.7	76.91	237	20.1065	9769.9	7754.1	90.98
168	27.7897	7000.3	5541.8	77.15	238	20.0091	9808.7	7783.0	91.14
169	27.6721	7040.7	5576.0	77.39	239	19.9123	9847.3	7811.8	91.31
170	27.5546	7081.0	5610.1	77.63	240	19.8161	9885.9	7840.5	91.47
171	27.4370	7121.4	5644.1	77.87	241	19.7205	9924.4	7869.1	91.63
172	27.3195	7161.7	5678.1	78.10	242	19.6255	9962.8	7897.6	91.79
173	27.2020	7202.1	5712.1	78.34	243	19.5311	10001.1	7925.9	91.94
174	27.0845	7242.5	5746.1	78.57	244	19.4373	10039.4	7954.2	92.10
175	26.9671	7283.0	5780.0	78.80	245	19.3441	10077.5	7982.3	92.26
176	26.8496	7323.4	5813.9	79.03	246	19.2516	10115.6	8010.3	92.41
177	26.7323	7363.9	5847.7	79.26	247	19.1597	10153.6	8038.2	92.57
178	26.6150	7404.4	5881.5	79.49	248	19.0684	10191.5	8066.0	92.72
179	26.4977	7444.9	5915.2	79.72	249	18.9777	10229.3	8093.6	92.87
180	26.3805	7485.4	5949.0	79.94	250	18.8876	10267.1	8121.2	93.02
181	26.2634	7525.9	5982.6	80.17	251	18.7982	10304.7	8148.6	93.17
182	26.1463	7566.4	6016.2	80.39	252	18.7094	10342.3	8175.9	93.32
183	26.0294	7606.9	6049.8	80.61	253	18.6213	10379.7	8203.1	93.47
184	25.9125	7647.5	6083.3	80.83	254	18.5337	10417.1	8230.2	93.62
185	25.7958	7688.0	6116.8	81.05	255	18.4468	10454.4	8257.2	93.76
186	25.6791	7728.6	6150.2	81.27	256	18.3606	10491.6	8284.1	93.91
187	25.5626	7769.1	6183.6	81.49	257	18.2749	10528.7	8310.8	94.05
188	25.4461	7809.7	6216.9	81.71	258	18.1899	10565.7	8337.5	94.20
189	25.3299	7850.3	6250.1	81.92	259	18.1055	10602.6	8364.0	94.34
190	25.2137	7890.8	6283.3	82.14	260	18.0218	10639.4	8390.4	94.48
191	25.0978	7931.4	6316.5	82.35	261	17.9387	10676.2	8416.7	94.62
192	24.9819	7972.0	6349.6	82.56	262	17.8562	10712.8	8442.9	94.76
193	24.8663	8012.5	6382.6	82.77	263	17.7743	10749.3	8469.0	94.90
194	24.7508	8053.1	6415.5	82.98	264	17.6931	10785.8	8495.0	95.04
195	24.6356	8093.7	6448.4	83.19	265	17.6124	10822.1	8520.9	95.18
196	24.5205	8134.2	6481.3	83.40	266	17.5324	10858.4	8546.6	95.32
197	24.4057	8174.7	6514.0	83.60	267	17.4530	10894.6	8572.3	95.45
198	24.2910	8215.3	6546.7	83.81	268	17.3743	10930.6	8597.8	95.59
199	24.1766	8255.8	6579.3	84.01	269	17.2961	10966.6	8623.2	95.72
200	24.0625	8296.3	6611.9	84.22	270	17.2186	11002.5	8648.6	95.85
201	23.9486	8336.8	6644.4	84.42	271	17.1416	11038.2	8673.8	95.99
202	23.8350	8377.3	6676.8	84.62	272	17.0653	11073.9	8698.9	96.12
203	23.7216	8417.7	6709.1	84.82	273	16.9895	11109.5	8723.9	96.25
204	23.6086	8458.2	6741.4	85.02	274	16.9144	11145.0	8748.8	96.38
205	23.4958	8498.6	6773.5	85.21	275	16.8399	11180.4	8773.6	96.51
206	23.3833	8539.0	6805.6	85.41	276	16.7659	11215.7	8798.3	96.63
207	23.2712	8579.3	6837.7	85.61	277	16.6925	11251.0	8822.9	96.76
208	23.1594	8619.7	6869.6	85.80	278	16.6198	11286.1	8847.4	96.89
209	23.0479	8660.0	6901.4	85.99	279	16.5476	11321.1	8871.7	97.01
210	22.9368	8700.3	6933.2	86.19	280	16.4760	11356.0	8896.0	97.14
211	22.8261	8740.5	6964.9	86.38	281	16.4049	11390.9	8920.2	97.26
212	22.7157	8780.7	6996.5	86.57	282	16.3344	11425.6	8944.3	97.39
213	22.6057	8820.9	7028.0	86.76	283	16.2645	11460.3	8968.3	97.51
214	22.4961	8861.1	7059.4	86.94	284	16.1952	11494.8	8992.2	97.63
215	22.3869	8901.2	7090.7	87.13	285	16.1264	11529.3	9016.0	97.75
216	22.2782	8941.2	7121.9	87.32	286	16.0582	11563.7	9039.7	97.87
217	22.1698	8981.2	7153.0	87.50	287	15.9905	11598.0	9063.3	97.99
218	22.0619	9021.2	7184.1	87.69	288	15.9234	11632.2	9086.8	98.11
219	21.9545	9061.1	7215.0	87.87	289	15.8568	11666.3	9110.2	98.23
220	21.8475	9101.0	7245.8	88.05	290	15.7907	11700.3	9133.5	98.35
221	21.7409	9140.8	7276.6	88.23	291	15.7252	11734.2	9156.8	98.46
222	21.6349	9180.6	7307.2	88.41	292	15.6602	11768.1	9179.9	98.58
223	21.5293	9220.3	7337.7	88.59	293	15.5958	11801.8	9203.0	98.70
224	21.4242	9260.0	7368.2	88.77	294	15.5318	11835.5	9225.9	98.81
225	21.3196	9299.6	7398.5	88.94	295	15.4684	11869.0	9248.8	98.92
226	21.2155	9339.2	7428.7	89.12	296	15.4055	11902.5	9271.6	99.04
227	21.1120	9378.7	7458.8	89.29	297	15.3431	11935.9	9294.3	99.15
228	21.0089	9418.1	7488.9	89.47	298	15.2811	11969.2	9316.9	99.26
229	20.9065	9457.5	7518.8	89.64	299	15.2197	12002.5	9339.4	99.37
230	20.8045	9496.8	7548.6	89.81	300	15.1588	12035.6	9361.9	99.48