6.00 ATMOSPHERE ISOBAR

	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
	86	35.1265	2923.7	2906.4	53.88
	87	34.9758	2969.3	2951.9	54.40
	88	34.8233	3015.1	2997.6	54.93
	89	34.6692	3061.1	3043.5	55.45
	90	34.5133	3107.3	3089.6	55.96
	91	34.3557	3153.7	3136.0	56.47
	92	34.1966	3200.2	3182.5	56.98
	93	34.0358	3247.0	3229.1	57.49
	94	33.8734	3293.9	3276.0	57.99
	95	33.7094	3341.1	3323.0	58.49
	96	33.5438	3388.4	3370.3	58.98
	97	33.3765	3435.8	3417.6	59.48
	98	33.2075	3483.5	3465.2	59.97
	99	33.0368	3531.3	3512.9	60.45
	100	32.8644	3579.2	3560.7	60.93
	101	32.6901	3627.4	3608.8	61.41
	102	32.5140	3675.7	3657.0	61.89
	103	32.3360	3724.1	3705.3	62.36
	104	32.1559	3772.7	3753.8	62.83
	105	31.9738	3821.5	3802.5	63.30
	106	31.7894	3870.4	3851.3	63.76
	107	31.6028	3919.6	3900.3	64.22
	108	31.4138	3968.9	3949.5	64.68
*	108.580	31.3031	3997.5	3978.1	64.94
*	108.580	0.763834	9647.7	8851.7	116.98
	109	0.759613	9658.9	8858.5	117.08
	110	0.749809	9685.4	8874.5	117.33
	111	0.740324	9711.6	8890.4	117.56
	112	0.731139	9737.7	8906.2	117.80
	113	0.722237	9763.6	8921.8	118.03
	114	0.713602	9789.4	8937.4	118.26
	115	0.705222	9814.9	8952.8	118.48
	116	0.697081	9840.4	8968.2	118.70
	117	0.689169	9865.7	8983.5	118.92
	118	0.681474	9890.8	8998.7	119.13
	119	0.673986	9915.8	9013.8	119.34
	120	0.666695	9940.7	9028.8	119.55
	121	0.659592	9965.5	9043.8	119.76
	122	0.652669	9990.2	9058.7	119.96
	123	0.645918	10014.7	9073.5	120.16
	124	0.639331	10039.2	9088.3	120.36
	125	0.632902	10063.6	9103.0	120.55
	126	0.626624	10087.8	9117.6	120.75
	127	0.620491	10112.0	9132.2	120.94
	128	0.614498	10136.1	9146.7	121.13
	129	0.608638	10160.1	9161.2	121.31
	130	0.602908	10184.0	9175.6	121.50
	131	0.597301	10207.8	9190.0	121.68
	132	0.591814	10231.6	9204.3	121.86
	133	0.586442	10255.3	9218.6	122.04
	134	0.581181	10278.9	9232.8	122.22
	135	0.576028	10302.5	9247.0	122.39
	136	0.570978	10326.0	9261.2	122.56
	137	0.566028	10349.4	9275.3	122.74
	138	0.561175	10372.8	9289.4	122.91
	139	0.556416	10396.1	9303.4	123.07
	140	0.551747	10419.4	9317.5	123.24
	141	0.547166	10442.6	9331.4	123.41
	142	0.542670	10465.7	9345.4	123.57
	143	0.538257	10488.8	9359.3	123.73
	144	0.533923	10511.8	9373.2	123.89
	145	0.529667	10534.8	9387.0	124.05
	146	0.525486	10557.8	9400.8	124.21
	147	0.521377	10580.7	9414.6	124.37
	148	0.517340	10603.6	9428.4	124.52
	149	0.513372	10626.4	9442.1	124.68
	150	0.509470	10649.2	9455.8	124.83
	151	0.505634	10671.9	9469.5	124.98
	152	0.501861	10694.6	9483.2	125.13
	153	0.498150	10717.3	9496.8	125.28
	154	0.494498	10739.9	9510.4	125.42
	155	0.490905	10762.5	9524.0	125.57
	156	0.487369	10785.0	9537.6	125.72
	157	0.483888	10807.6	9551.1	125.86
	158	0.480461	10830.1	9564.7	126.00
	159	0.477087	10852.5	9578.2	126.14
	160	0.473764	10874.9	9591.7	126.28

* PHASE CHANGE

6.00 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	0.470491	10897.3	9605.1	126.42	231	0.319939	12419.7	10519.5	134.29
162	0.467267	10919.7	9618.6	126.56	232	0.318508	12441.1	10532.3	134.38
163	0.464091	10942.0	9632.0	126.70	233	0.317089	12462.5	10545.1	134.47
164	0.460961	10964.4	9645.4	126.84	234	0.315684	12483.8	10557.9	134.56
165	0.457876	10986.6	9658.8	126.97	235	0.314291	12505.1	10570.7	134.65
166	0.454836	11008.9	9672.2	127.11	236	0.312911	12526.5	10583.5	134.74
167	0.451839	11031.1	9685.6	127.24	237	0.311544	12547.8	10596.3	134.83
168	0.448884	11053.3	9698.9	127.37	238	0.310189	12569.1	10609.1	134.92
169	0.445971	11075.5	9712.3	127.50	239	0.308846	12590.4	10621.9	135.01
170	0.443098	11097.7	9725.6	127.64	240	0.307514	12611.7	10634.7	135.10
171	0.440265	11119.8	9738.9	127.76	241	0.306195	12633.0	10647.5	135.19
172	0.437471	11141.9	9752.2	127.89	242	0.304887	12654.3	10660.3	135.28
173	0.434714	11164.0	9765.5	128.02	243	0.303591	12675.6	10673.0	135.37
174	0.431994	11186.1	9778.7	128.15	244	0.302306	12696.9	10685.8	135.45
175	0.429310	11208.1	9792.0	128.28	245	0.301032	12718.2	10698.6	135.54
176	0.426662	11230.2	9805.2	128.40	246	0.299769	12739.4	10711.3	135.63
177	0.424049	11252.2	9818.4	128.53	247	0.298517	12760.7	10724.1	135.71
178	0.421469	11274.1	9831.7	128.65	248	0.297275	12782.0	10736.8	135.80
179	0.418923	11296.1	9844.9	128.77	249	0.296044	12803.2	10749.6	135.89
180	0.416409	11318.1	9858.0	128.89	250	0.294824	12824.5	10762.4	135.97
181	0.413927	11340.0	9871.2	129.02	251	0.293614	12845.7	10775.1	136.06
182	0.411477	11361.9	9884.4	129.14	252	0.292414	12867.0	10787.8	136.14
183	0.409057	11383.8	9897.5	129.26	253	0.291224	12888.2	10800.6	136.22
184	0.406667	11405.7	9910.7	129.38	254	0.290044	12909.4	10813.3	136.31
185	0.404307	11427.5	9923.8	129.49	255	0.288873	12930.7	10826.1	136.39
186	0.401975	11449.4	9936.9	129.61	256	0.287713	12951.9	10838.8	136.47
187	0.399672	11471.2	9950.0	129.73	257	0.286562	12973.1	10851.5	136.56
188	0.397396	11493.0	9963.1	129.85	258	0.285420	12994.3	10864.3	136.64
189	0.395148	11514.8	9976.2	129.96	259	0.284288	13015.5	10877.0	136.72
190	0.392926	11536.6	9989.3	130.08	260	0.283164	13036.7	10889.7	136.80
191	0.390731	11558.4	10002.4	130.19	261	0.282050	13057.9	10902.4	136.88
192	0.388561	11580.1	10015.5	130.30	262	0.280945	13079.1	10915.1	136.97
193	0.386417	11601.8	10028.5	130.42	263	0.279848	13100.3	10927.9	137.05
194	0.384297	11623.6	10041.6	130.53	264	0.278761	13121.5	10940.6	137.13
195	0.382202	11645.3	10054.6	130.64	265	0.277682	13142.7	10953.3	137.21
196	0.380131	11667.0	10067.6	130.75	266	0.276611	13163.9	10966.0	137.29
197	0.378083	11688.7	10080.6	130.86	267	0.275549	13185.1	10978.7	137.37
198	0.376058	11710.3	10093.7	130.97	268	0.274495	13206.2	10991.4	137.44
199	0.374056	11732.0	10106.7	131.08	269	0.273449	13227.4	11004.1	137.52
200	0.372076	11753.6	10119.7	131.19	270	0.272412	13248.6	11016.8	137.60
201	0.370118	11775.3	10132.6	131.30	271	0.271382	13269.7	11029.5	137.68
202	0.368181	11796.9	10145.6	131.40	272	0.270361	13290.9	11042.2	137.76
203	0.366266	11818.5	10158.6	131.51	273	0.269347	13312.1	11054.9	137.84
204	0.364371	11840.1	10171.6	131.62	274	0.268341	13333.2	11067.6	137.91
205	0.362497	11861.7	10184.5	131.72	275	0.267342	13354.4	11080.2	137.99
206	0.360642	11883.3	10197.5	131.83	276	0.266352	13375.5	11092.9	138.07
207	0.358808	11904.8	10210.4	131.93	277	0.265368	13396.6	11105.6	138.14
208	0.356992	11926.4	10223.4	132.04	278	0.264392	13417.8	11118.3	138.22
209	0.355196	11948.0	10236.3	132.14	279	0.263424	13438.9	11131.0	138.30
210	0.353419	11969.5	10249.2	132.24	280	0.262462	13460.0	11143.6	138.37
211	0.351660	11991.0	10262.2	132.35	281	0.261508	13481.2	11156.3	138.45
212	0.349919	12012.5	10275.1	132.45	282	0.260560	13502.3	11169.0	138.52
213	0.348196	12034.0	10288.0	132.55	283	0.259620	13523.4	11181.7	138.60
214	0.346491	12055.5	10300.9	132.65	284	0.258687	13544.5	11194.3	138.67
215	0.344803	12077.0	10313.8	132.75	285	0.257760	13565.6	11207.0	138.75
216	0.343132	12098.5	10326.7	132.85	286	0.256840	13586.8	11219.7	138.82
217	0.341477	12120.0	10339.6	132.95	287	0.255927	13607.9	11232.3	138.89
218	0.339839	12141.4	10352.5	133.05	288	0.255020	13629.0	11245.0	138.97
219	0.338218	12162.9	10365.3	133.14	289	0.254120	13650.1	11257.6	139.04
220	0.336612	12184.3	10378.2	133.24	290	0.253227	13671.2	11270.3	139.11
221	0.335022	12205.8	10391.1	133.34	291	0.252339	13692.3	11283.0	139.18
222	0.333448	12227.2	10403.9	133.44	292	0.251459	13713.4	11295.6	139.26
223	0.331889	12248.6	10416.8	133.53	293	0.250584	13734.5	11308.3	139.33
224	0.330345	12270.1	10429.7	133.63	294	0.249715	13755.6	11320.9	139.40
225	0.328816	12291.5	10442.5	133.72	295	0.248853	13776.6	11333.6	139.47
226	0.327301	12312.9	10455.3	133.82	296	0.247996	13797.7	11346.2	139.54
227	0.325801	12334.2	10468.2	133.91	297	0.247146	13818.8	11358.9	139.62
228	0.324315	12355.6	10481.0	134.01	298	0.246302	13839.9	11371.5	139.69
229	0.322842	12377.0	10493.8	134.10	299	0.245463	13861.0	11384.1	139.76
230	0.321384	12398.4	10506.7	134.19	300	0.244630	13882.0	11396.8	139.83