

15.00 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	34.4316	3169.1	3125.0	56.35
					92	34.2742	3215.5	3171.1	56.86
					93	34.1154	3262.0	3217.5	57.36
					94	33.9550	3308.8	3264.0	57.86
					95	33.7930	3355.6	3310.7	58.36
					96	33.6296	3402.7	3357.5	58.85
					97	33.4646	3449.0	3404.5	59.34
					98	33.2980	3497.3	3451.6	59.83
					99	33.1298	3544.8	3498.9	60.31
					100	32.9600	3592.5	3546.4	60.79
					101	32.7885	3640.3	3593.9	61.26
					102	32.6153	3688.3	3641.7	61.74
					103	32.4403	3736.4	3689.5	62.21
					104	32.2635	3784.6	3737.5	62.67
					105	32.0848	3833.0	3785.6	63.13
					106	31.9040	3881.6	3833.9	63.60
					107	31.7212	3930.3	3882.4	64.05
					108	31.5362	3979.1	3930.9	64.51
					109	31.3490	4028.2	3979.7	64.96
					110	31.1593	4077.4	4028.6	65.41
					111	30.9670	4126.8	4077.7	65.86
					112	30.7721	4176.4	4127.0	66.30
					113	30.5743	4226.2	4176.5	66.74
					114	30.3736	4276.3	4226.2	67.18
					115	30.1695	4326.6	4276.2	67.62
					116	29.9621	4377.2	4326.5	68.06
					117	29.7510	4428.2	4377.1	68.50
					118	29.5359	4479.5	4428.1	68.94
					119	29.3165	4531.3	4479.4	69.37
					120	29.0926	4583.5	4531.2	69.81
					121	28.8636	4636.2	4583.5	70.25
					122	28.6292	4689.5	4636.4	70.69
					123	28.3889	4743.4	4689.9	71.13
					124	28.1420	4798.1	4744.1	71.57
					* 124.189	28.0945	4808.6	4754.5	71.65
					* 124.189	1.89844	9596.6	8796.0	110.21
					125	1.87228	9626.1	8814.3	110.44
					126	1.84154	9661.6	8836.3	110.73
					127	1.81234	9696.5	8857.8	111.00
					128	1.78453	9730.7	8879.0	111.27
					129	1.75799	9764.2	8899.7	111.53
					130	1.73260	9797.2	8920.0	111.79
					131	1.70829	9829.7	8940.0	112.04
					132	1.68495	9861.7	8959.6	112.28
					133	1.66252	9893.2	8979.0	112.52
					134	1.64094	9924.4	8998.1	112.75
					135	1.62014	9955.1	9017.0	112.98
					136	1.60007	9985.5	9035.6	113.20
					137	1.58068	10015.5	9054.0	113.42
					138	1.56194	10045.2	9072.2	113.64
					139	1.54380	10074.7	9090.1	113.85
					140	1.52623	10103.8	9107.9	114.06
					141	1.50919	10132.7	9125.6	114.27
					142	1.49266	10161.3	9143.0	114.47
					143	1.47661	10189.7	9160.3	114.67
					144	1.46101	10217.8	9177.5	114.86
					145	1.44584	10245.7	9194.5	115.06
					146	1.43108	10273.5	9211.4	115.25
					147	1.41671	10301.0	9228.1	115.44
					148	1.40271	10328.3	9244.8	115.62
					149	1.38906	10355.5	9261.3	115.80
					150	1.37576	10382.5	9277.7	115.98
					151	1.36277	10409.3	9294.0	116.16
					152	1.35009	10436.0	9310.2	116.34
					153	1.33771	10462.5	9326.3	116.51
					154	1.32561	10488.9	9342.3	116.68
					155	1.31379	10515.1	9358.2	116.85
					156	1.30222	10541.2	9374.1	117.02
					157	1.29091	10567.2	9389.8	117.19
					158	1.27984	10593.1	9405.5	117.35
					159	1.26900	10618.8	9421.1	117.51
					160	1.25838	10644.4	9436.6	117.68
86	35.1943	2940.2	2897.0	53.77					
87	35.0451	2985.6	2942.2	54.29					
88	34.8942	3031.2	2987.6	54.81					
89	34.7416	3077.0	3033.2	55.33					
90	34.5874	3122.9	3079.0	55.84					

\* PHASE CHANGE

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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	1.24798	10669.9	9452.1	117.83	231	0.812870	12309.5	10439.6	126.32
162	1.23779	10695.4	9467.4	117.99	232	0.809022	12331.7	10453.0	126.42
163	1.22780	10720.7	9482.8	118.15	233	0.805213	12354.0	10466.4	126.51
164	1.21801	10745.9	9498.0	118.30	234	0.801443	12376.2	10479.7	126.61
165	1.20840	10771.0	9513.2	118.45	235	0.797711	12398.4	10493.1	126.70
166	1.19897	10796.0	9528.3	118.61	236	0.794015	12420.6	10506.4	126.80
167	1.18972	10821.0	9543.4	118.76	237	0.790357	12442.8	10519.7	126.89
168	1.18064	10845.8	9558.4	118.90	238	0.786734	12465.0	10533.0	126.99
169	1.17172	10870.6	9573.4	119.05	239	0.783147	12487.1	10546.3	127.08
170	1.16296	10895.3	9588.3	119.20	240	0.779595	12509.2	10559.6	127.17
171	1.15436	10919.9	9603.2	119.34	241	0.776078	12531.4	10572.9	127.26
172	1.14590	10944.4	9618.0	119.48	242	0.772594	12553.5	10586.2	127.35
173	1.13759	10968.9	9632.8	119.63	243	0.769144	12575.5	10599.4	127.45
174	1.12942	10993.2	9647.5	119.77	244	0.765726	12597.6	10612.7	127.54
175	1.12139	11017.6	9662.2	119.91	245	0.762341	12619.7	10625.9	127.63
176	1.11349	11041.8	9676.8	120.04	246	0.758987	12641.7	10639.1	127.72
177	1.10573	11066.0	9691.4	120.18	247	0.755665	12663.7	10652.4	127.81
178	1.09808	11090.1	9706.0	120.32	248	0.752374	12685.7	10665.6	127.89
179	1.09056	11114.2	9720.5	120.45	249	0.749114	12707.7	10678.8	127.98
180	1.08316	11138.2	9735.0	120.59	250	0.745883	12729.7	10692.0	128.07
181	1.07587	11162.1	9749.4	120.72	251	0.742682	12751.7	10705.2	128.16
182	1.06870	11186.0	9763.8	120.85	252	0.739510	12773.6	10718.3	128.25
183	1.06163	11209.9	9778.2	120.98	253	0.736367	12795.6	10731.5	128.33
184	1.05468	11233.6	9792.5	121.11	254	0.733252	12817.5	10744.7	128.42
185	1.04782	11257.4	9806.8	121.24	255	0.730164	12839.4	10757.8	128.51
186	1.04107	11281.1	9821.1	121.37	256	0.727105	12861.4	10771.0	128.59
187	1.03442	11304.7	9835.3	121.49	257	0.724072	12883.2	10784.1	128.68
188	1.02786	11328.3	9849.6	121.62	258	0.721066	12905.1	10797.3	128.76
189	1.02140	11351.8	9863.7	121.74	259	0.718087	12927.0	10810.4	128.85
190	1.01503	11375.3	9877.9	121.87	260	0.715133	12948.9	10823.5	128.93
191	1.00875	11398.7	9892.0	121.99	261	0.712206	12970.7	10836.6	129.01
192	1.00256	11422.1	9906.1	122.11	262	0.709303	12992.6	10849.7	129.10
193	0.996454	11445.5	9920.2	122.23	263	0.706425	13014.4	10862.8	129.18
194	0.990430	11468.8	9934.2	122.35	264	0.703572	13036.2	10875.9	129.26
195	0.984488	11492.1	9948.2	122.47	265	0.700743	13058.0	10889.0	129.35
196	0.978626	11515.3	9962.2	122.59	266	0.697938	13079.8	10902.1	129.43
197	0.972842	11538.5	9976.2	122.71	267	0.695157	13101.6	10915.1	129.51
198	0.967135	11561.7	9990.1	122.83	268	0.692399	13123.4	10928.2	129.59
199	0.961502	11584.8	10004.0	122.94	269	0.689664	13145.1	10941.3	129.67
200	0.955942	11607.9	10017.9	123.06	270	0.686952	13166.9	10954.3	129.75
201	0.950453	11630.9	10031.8	123.18	271	0.684262	13188.6	10967.4	129.83
202	0.945035	11654.0	10045.6	123.29	272	0.681594	13210.4	10980.4	129.91
203	0.939685	11676.9	10059.5	123.40	273	0.678948	13232.1	10993.4	129.99
204	0.934402	11699.9	10073.3	123.52	274	0.676323	13253.8	11006.5	130.07
205	0.929185	11722.8	10087.1	123.63	275	0.673720	13275.5	11019.5	130.15
206	0.924032	11745.7	10100.8	123.74	276	0.671137	13297.2	11032.5	130.23
207	0.918942	11768.6	10114.6	123.85	277	0.668576	13318.9	11045.5	130.31
208	0.913914	11791.4	10128.3	123.96	278	0.666035	13340.6	11058.5	130.39
209	0.908947	11814.2	10142.0	124.07	279	0.663514	13362.2	11071.5	130.47
210	0.904038	11837.0	10155.7	124.18	280	0.661013	13383.9	11084.5	130.54
211	0.899188	11859.7	10169.4	124.29	281	0.658531	13405.6	11097.5	130.62
212	0.894396	11882.4	10183.0	124.39	282	0.656070	13427.2	11110.5	130.70
213	0.889659	11905.1	10196.7	124.50	283	0.653627	13448.8	11123.5	130.77
214	0.884976	11927.8	10210.3	124.61	284	0.651203	13470.5	11136.5	130.85
215	0.880348	11950.4	10223.9	124.71	285	0.648798	13492.1	11149.4	130.93
216	0.875773	11973.0	10237.5	124.82	286	0.646412	13513.7	11162.4	131.00
217	0.871249	11995.6	10251.1	124.92	287	0.644044	13535.3	11175.4	131.08
218	0.866777	12018.2	10264.6	125.02	288	0.641694	13556.9	11188.3	131.15
219	0.862354	12040.7	10278.2	125.13	289	0.639362	13578.5	11201.3	131.23
220	0.857980	12063.2	10291.7	125.23	290	0.637047	13600.1	11214.2	131.30
221	0.853655	12085.7	10305.2	125.33	291	0.634750	13621.7	11227.2	131.38
222	0.849377	12108.2	10318.7	125.43	292	0.632470	13643.2	11240.1	131.45
223	0.845145	12130.6	10332.2	125.53	293	0.630207	13664.8	11253.0	131.52
224	0.840959	12153.1	10345.7	125.64	294	0.627961	13686.3	11266.0	131.60
225	0.836818	12175.5	10359.1	125.74	295	0.625732	13707.9	11278.9	131.67
226	0.832721	12197.8	10372.6	125.83	296	0.623519	13729.4	11291.8	131.74
227	0.828667	12220.2	10386.0	125.93	297	0.621323	13751.0	11304.7	131.82
228	0.824656	12242.5	10399.5	126.03	298	0.619142	13772.5	11317.6	131.89
229	0.820686	12264.9	10412.9	126.13	299	0.616977	13794.0	11330.5	131.96
230	0.816758	12287.2	10426.3	126.23	300	0.614828	13815.5	11343.4	132.03