

1.00 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	0.137954	9523.1	8788.6	129.64
					92	0.136332	9544.9	8801.6	129.87
					93	0.134749	9566.6	8814.7	130.11
					94	0.133205	9588.3	8827.7	130.34
					95	0.131698	9610.0	8840.7	130.57
					96	0.130227	9631.7	8853.6	130.80
					97	0.128789	9653.4	8866.6	131.02
					98	0.127385	9675.0	8879.6	131.24
					99	0.126012	9696.7	8892.6	131.46
					100	0.124670	9718.3	8905.5	131.68
					101	0.123358	9739.9	8918.5	131.90
					102	0.122074	9761.4	8931.4	132.11
					103	0.120818	9783.0	8944.3	132.32
					104	0.119588	9804.5	8957.2	132.53
					105	0.118385	9826.1	8970.2	132.73
					106	0.117206	9847.6	8983.1	132.94
					107	0.116052	9869.1	8996.0	133.14
					108	0.114921	9890.6	9008.8	133.34
					109	0.113813	9912.0	9021.7	133.54
					110	0.112726	9933.5	9034.6	133.73
					111	0.111661	9954.9	9047.5	133.93
					112	0.110617	9976.3	9060.3	134.12
					113	0.109593	9997.7	9073.2	134.31
					114	0.108588	10019.1	9086.0	134.50
					115	0.107602	10040.5	9098.8	134.68
					116	0.106635	10061.9	9111.7	134.87
					117	0.105685	10083.3	9124.5	135.05
					118	0.104753	10104.6	9137.3	135.23
					119	0.103837	10125.9	9150.1	135.41
					120	0.102938	10147.3	9162.9	135.59
					121	0.102055	10168.6	9175.7	135.77
					122	0.101187	10189.9	9188.5	135.94
					123	0.100334	10211.2	9201.3	136.12
					124	0.0994966	10232.4	9214.0	136.29
					125	0.0986729	10253.7	9226.8	136.46
					126	0.0978630	10275.0	9239.6	136.63
					127	0.0970667	10296.2	9252.3	136.80
					128	0.0962835	10317.5	9265.1	136.97
					129	0.0955133	10338.7	9277.8	137.13
					130	0.0947555	10359.9	9290.6	137.29
					131	0.0940100	10381.1	9303.3	137.46
					132	0.0932765	10402.4	9316.0	137.62
					133	0.0925545	10423.6	9328.8	137.78
					134	0.0918439	10444.7	9341.5	137.94
					135	0.0911444	10465.9	9354.2	138.09
					136	0.0904557	10487.1	9366.9	138.25
					137	0.0897776	10508.3	9379.6	138.41
					138	0.0891098	10529.4	9392.3	138.56
					139	0.0884520	10550.6	9405.0	138.71
					140	0.0878042	10571.7	9417.7	138.86
					141	0.0871659	10592.9	9430.4	139.01
					142	0.0865370	10614.0	9443.1	139.16
					143	0.0859173	10635.1	9455.8	139.31
					144	0.0853066	10656.2	9468.4	139.46
					145	0.0847047	10677.4	9481.1	139.61
					146	0.0841114	10698.5	9493.8	139.75
					147	0.0835265	10719.6	9506.5	139.89
					148	0.0829498	10740.7	9519.1	140.04
					149	0.0823811	10761.8	9531.8	140.18
					150	0.0818204	10782.8	9544.4	140.32
					151	0.0812673	10803.9	9557.1	140.46
					152	0.0807219	10825.0	9569.7	140.60
					153	0.0801838	10846.1	9582.4	140.74
					154	0.0796529	10867.1	9595.0	140.88
					155	0.0791292	10888.2	9607.7	141.01
					156	0.0786124	10909.3	9620.3	141.15
					157	0.0781024	10930.3	9632.9	141.28
					158	0.0775991	10951.4	9645.6	141.42
					159	0.0771023	10972.4	9658.2	141.55
					160	0.0766119	10993.4	9670.8	141.68
86	35.0883	2914.6	2911.7	53.94					
87	34.9368	2960.3	2957.4	54.47					
* 87.284	34.8934	2973.3	2970.4	54.61					
* 87.284	0.144358	9442.1	8740.2	128.73					
88	0.143075	9457.7	8749.5	128.91					
89	0.141324	9479.6	8762.6	129.15					
90	0.139617	9501.3	8775.6	129.40					

* PHASE CHANGE

1.00 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	0.0761279	11014.5	9683.4	141.81	231	0.0528517	12480.2	10563.0	149.37
162	0.0756500	11035.5	9696.1	141.94	232	0.0526225	12501.1	10575.5	149.46
163	0.0751781	11056.5	9708.7	142.07	233	0.0523952	12522.0	10588.0	149.55
164	0.0747122	11077.5	9721.3	142.20	234	0.0521699	12542.8	10600.6	149.64
165	0.0742521	11098.6	9733.9	142.33	235	0.0519466	12563.7	10613.1	149.73
166	0.0737977	11119.6	9746.5	142.45	236	0.0517252	12584.6	10625.6	149.82
167	0.0733489	11140.6	9759.1	142.58	237	0.0515057	12605.5	10638.1	149.91
168	0.0729056	11161.6	9771.7	142.71	238	0.0512880	12626.3	10650.7	150.00
169	0.0724677	11182.6	9784.4	142.83	239	0.0510722	12647.2	10663.2	150.08
170	0.0720351	11203.6	9797.0	142.95	240	0.0508582	12668.1	10675.7	150.17
171	0.0716077	11224.6	9809.6	143.08	241	0.0506460	12688.9	10688.2	150.26
172	0.0711854	11245.6	9822.2	143.20	242	0.0504355	12709.8	10700.8	150.34
173	0.0707681	11266.6	9834.8	143.32	243	0.0502268	12730.7	10713.3	150.43
174	0.0703557	11287.6	9847.3	143.44	244	0.0500199	12751.5	10725.8	150.51
175	0.0699482	11308.6	9859.9	143.56	245	0.0498146	12772.4	10738.3	150.60
176	0.0695454	11329.5	9872.5	143.68	246	0.0496111	12793.3	10750.8	150.69
177	0.0691473	11350.5	9885.1	143.80	247	0.0494092	12814.1	10763.4	150.77
178	0.0687537	11371.5	9897.7	143.92	248	0.0492089	12835.0	10775.9	150.85
179	0.0683647	11392.5	9910.3	144.04	249	0.0490103	12855.9	10788.4	150.94
180	0.0679801	11413.4	9922.9	144.15	250	0.0488132	12876.7	10800.9	151.02
181	0.0675998	11434.4	9935.5	144.27	251	0.0486178	12897.6	10813.4	151.10
182	0.0672238	11455.4	9948.0	144.39	252	0.0484239	12918.5	10825.9	151.19
183	0.0668521	11476.3	9960.6	144.50	253	0.0482316	12939.3	10838.5	151.27
184	0.0664844	11497.3	9973.2	144.61	254	0.0480408	12960.2	10851.0	151.35
185	0.0661208	11518.2	9985.8	144.73	255	0.0478515	12981.0	10863.5	151.43
186	0.0657612	11539.2	9998.3	144.84	256	0.0476637	13001.9	10876.0	151.52
187	0.0654056	11560.1	10010.9	144.95	257	0.0474774	13022.7	10888.5	151.60
188	0.0650538	11581.1	10023.5	145.06	258	0.0472925	13043.6	10901.0	151.68
189	0.0647058	11602.0	10036.1	145.18	259	0.0471091	13064.5	10913.5	151.76
190	0.0643615	11623.0	10048.6	145.29	260	0.0469271	13085.3	10926.1	151.84
191	0.0640209	11643.9	10061.2	145.40	261	0.0467465	13106.2	10938.6	151.92
192	0.0636839	11664.9	10073.8	145.51	262	0.0465673	13127.0	10951.1	152.00
193	0.0633505	11685.8	10086.3	145.61	263	0.0463894	13147.9	10963.6	152.08
194	0.0630206	11706.7	10098.9	145.72	264	0.0462130	13168.7	10976.1	152.16
195	0.0626942	11727.7	10111.5	145.83	265	0.0460378	13189.6	10988.6	152.24
196	0.0623711	11748.6	10124.0	145.94	266	0.0458640	13210.4	11001.1	152.32
197	0.0620514	11769.5	10136.6	146.04	267	0.0456915	13231.3	11013.6	152.39
198	0.0617350	11790.5	10149.1	146.15	268	0.0455203	13252.1	11026.1	152.47
199	0.0614218	11811.4	10161.7	146.26	269	0.0453504	13273.0	11038.6	152.55
200	0.0611118	11832.3	10174.2	146.36	270	0.0451818	13293.8	11051.2	152.63
201	0.0608049	11853.2	10186.8	146.46	271	0.0450144	13314.7	11063.7	152.70
202	0.0605011	11874.2	10199.3	146.57	272	0.0448482	13335.5	11076.2	152.78
203	0.0602004	11895.1	10211.9	146.67	273	0.0446833	13356.4	11088.7	152.86
204	0.0599026	11916.0	10224.5	146.77	274	0.0445196	13377.2	11101.2	152.93
205	0.0596079	11936.9	10237.0	146.88	275	0.0443571	13398.1	11113.7	153.01
206	0.0593160	11957.8	10249.6	146.98	276	0.0441958	13418.9	11126.2	153.08
207	0.0590270	11978.7	10262.1	147.08	277	0.0440356	13439.7	11138.7	153.16
208	0.0587408	11999.6	10274.6	147.18	278	0.0438766	13460.6	11151.2	153.24
209	0.0584574	12020.6	10287.2	147.28	279	0.0437188	13481.4	11163.7	153.31
210	0.0581767	12041.5	10299.7	147.38	280	0.0435621	13502.3	11176.2	153.38
211	0.0578988	12062.4	10312.3	147.48	281	0.0434065	13523.1	11188.7	153.46
212	0.0576235	12083.3	10324.8	147.58	282	0.0432520	13544.0	11201.2	153.53
213	0.0573508	12104.2	10337.4	147.68	283	0.0430986	13564.8	11213.7	153.61
214	0.0570807	12125.1	10349.9	147.78	284	0.0429464	13585.6	11226.2	153.68
215	0.0568132	12146.0	10362.4	147.87	285	0.0427951	13606.5	11238.7	153.75
216	0.0565482	12166.9	10375.0	147.97	286	0.0426450	13627.3	11251.2	153.83
217	0.0562856	12187.8	10387.5	148.07	287	0.0424959	13648.2	11263.8	153.90
218	0.0560255	12208.7	10400.1	148.16	288	0.0423479	13669.0	11276.3	153.97
219	0.0557678	12229.6	10412.6	148.26	289	0.0422008	13689.8	11288.8	154.04
220	0.0555125	12250.5	10425.1	148.35	290	0.0420548	13710.7	11301.3	154.12
221	0.0552595	12271.3	10437.7	148.45	291	0.0419098	13731.5	11313.8	154.19
222	0.0550088	12292.2	10450.2	148.54	292	0.0417659	13752.4	11326.3	154.26
223	0.0547604	12313.1	10462.7	148.64	293	0.0416229	13773.2	11338.8	154.33
224	0.0545143	12334.0	10475.3	148.73	294	0.0414808	13794.0	11351.3	154.40
225	0.0542704	12354.9	10487.8	148.82	295	0.0413398	13814.9	11363.8	154.47
226	0.0540286	12375.8	10500.3	148.92	296	0.0411997	13835.7	11376.3	154.54
227	0.0537890	12396.7	10512.9	149.01	297	0.0410605	13856.5	11388.8	154.61
228	0.0535516	12417.6	10525.4	149.10	298	0.0409223	13877.4	11401.3	154.68
229	0.0533162	12438.4	10537.9	149.19	299	0.0407851	13898.2	11413.8	154.75
230	0.0530829	12459.3	10550.5	149.28	300	0.0406487	13919.0	11426.3	154.82