

## 0.90 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	0.123775	9529.2	8792.5	130.55
					92	0.122332	9550.9	8805.4	130.79
					93	0.120923	9572.5	8818.4	131.03
					94	0.119548	9594.1	8831.3	131.26
					95	0.118206	9615.7	8844.2	131.48
					96	0.116895	9637.3	8857.2	131.71
					97	0.115614	9658.9	8870.1	131.93
					98	0.114362	9680.4	8883.0	132.16
					99	0.113138	9702.0	8895.9	132.37
					100	0.111941	9723.5	8908.8	132.59
					101	0.110770	9745.0	8921.7	132.80
					102	0.109624	9766.5	8934.6	133.02
					103	0.108503	9788.0	8947.5	133.23
					104	0.107405	9809.4	8960.4	133.43
					105	0.106330	9830.9	8973.2	133.64
					106	0.105278	9852.3	8986.1	133.84
					107	0.104246	9873.7	8998.9	134.04
					108	0.103236	9895.1	9011.8	134.24
					109	0.102245	9916.5	9024.6	134.44
					110	0.101274	9937.9	9037.4	134.63
					111	0.100322	9959.3	9050.3	134.83
					112	0.0993888	9980.6	9063.1	135.02
					113	0.0984728	10002.0	9075.9	135.21
					114	0.0975741	10023.3	9088.7	135.40
					115	0.0966922	10044.6	9101.5	135.58
					116	0.0958265	10066.0	9114.3	135.77
					117	0.0949766	10087.2	9127.1	135.95
					118	0.0941422	10108.5	9139.8	136.13
					119	0.0933226	10129.8	9152.6	136.31
					120	0.0925177	10151.1	9165.4	136.49
					121	0.0917268	10172.3	9178.1	136.67
					122	0.0909498	10193.6	9190.9	136.84
					123	0.0901861	10214.8	9203.6	137.01
					124	0.0894355	10236.1	9216.4	137.19
					125	0.0886976	10257.3	9229.1	137.36
					126	0.0879721	10278.5	9241.9	137.53
					127	0.0872586	10299.7	9254.6	137.69
					128	0.0865569	10320.9	9267.3	137.86
					129	0.0858667	10342.1	9280.0	138.02
					130	0.0851876	10363.3	9292.7	138.19
					131	0.0845194	10384.4	9305.4	138.35
					132	0.0838619	10405.6	9318.1	138.51
					133	0.0832147	10426.7	9330.8	138.67
					134	0.0825777	10447.9	9343.5	138.83
					135	0.0819505	10469.0	9356.2	138.99
					136	0.0813330	10490.2	9368.9	139.14
					137	0.0807249	10511.3	9381.6	139.30
					138	0.0801260	10532.4	9394.3	139.45
					139	0.0795361	10553.5	9407.0	139.60
					140	0.0789550	10574.6	9419.6	139.75
					141	0.0783825	10595.8	9432.3	139.90
					142	0.0778184	10616.8	9445.0	140.05
					143	0.0772625	10637.9	9457.6	140.20
					144	0.0767146	10659.0	9470.3	140.35
					145	0.0761745	10680.1	9482.9	140.49
					146	0.0756422	10701.2	9495.6	140.64
					147	0.0751173	10722.3	9508.2	140.78
					148	0.0745998	10743.3	9520.9	140.93
					149	0.0740895	10764.4	9533.5	141.07
					150	0.0735862	10785.4	9546.1	141.21
					151	0.0730899	10806.5	9558.8	141.35
					152	0.0726003	10827.5	9571.4	141.49
					153	0.0721173	10848.6	9584.0	141.63
					154	0.0716408	10869.6	9596.7	141.76
					155	0.0711706	10890.6	9609.3	141.90
					156	0.0707067	10911.7	9621.9	142.03
					157	0.0702488	10932.7	9634.5	142.17
					158	0.0697969	10953.7	9647.1	142.30
					159	0.0693509	10974.7	9659.8	142.43
					160	0.0689106	10995.7	9672.4	142.57
86	35.0875	2914.4	2911.8	53.94					
* 86.302	35.0419	2928.2	2925.6	54.10					
* 86.302	0.131066	9427.3	8731.5	129.40					
87	0.129926	9442.5	8740.6	129.58					
88	0.128328	9464.2	8753.6	129.83					
89	0.126772	9485.9	8766.5	130.07					
90	0.125254	9507.6	8779.5	130.32					

\* 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	0.0684760	11016.8	9685.0	142.70	231	0.0475581	12481.4	10563.9	150.25
162	0.0680468	11037.8	9697.6	142.83	232	0.0473520	12502.3	10576.4	150.34
163	0.0676231	11058.8	9710.2	142.96	233	0.0471476	12523.1	10588.9	150.43
164	0.0672047	11079.8	9722.8	143.08	234	0.0469450	12544.0	10601.4	150.52
165	0.0667915	11100.8	9735.4	143.21	235	0.0467442	12564.9	10613.9	150.61
166	0.0663834	11121.7	9748.0	143.34	236	0.0465450	12585.7	10626.5	150.70
167	0.0659803	11142.7	9760.6	143.46	237	0.0463476	12606.6	10639.0	150.79
168	0.0655821	11163.7	9773.2	143.59	238	0.0461519	12627.5	10651.5	150.87
169	0.0651888	11184.7	9785.8	143.71	239	0.0459578	12648.3	10664.0	150.96
170	0.0648002	11205.7	9798.4	143.84	240	0.0457653	12669.2	10676.5	151.05
171	0.0644163	11226.7	9810.9	143.96	241	0.0455745	12690.1	10689.0	151.14
172	0.0640370	11247.6	9823.5	144.08	242	0.0453852	12710.9	10701.6	151.22
173	0.0636621	11268.6	9836.1	144.21	243	0.0451975	12731.8	10714.1	151.31
174	0.0632917	11289.6	9848.7	144.33	244	0.0450114	12752.6	10726.6	151.39
175	0.0629256	11310.5	9861.3	144.45	245	0.0448268	12773.5	10739.1	151.48
176	0.0625637	11331.5	9873.9	144.57	246	0.0446437	12794.4	10751.6	151.56
177	0.0622060	11352.4	9886.4	144.68	247	0.0444621	12815.2	10764.1	151.65
178	0.0618524	11373.4	9899.0	144.80	248	0.0442820	12836.1	10776.6	151.73
179	0.0615029	11394.4	9911.6	144.92	249	0.0441033	12856.9	10789.2	151.82
180	0.0611573	11415.3	9924.2	145.04	250	0.0439261	12877.8	10801.7	151.90
181	0.0608157	11436.3	9936.7	145.15	251	0.0437503	12898.6	10814.2	151.98
182	0.0604778	11457.2	9949.3	145.27	252	0.0435759	12919.5	10826.7	152.07
183	0.0601437	11478.1	9961.9	145.38	253	0.0434029	12940.3	10839.2	152.15
184	0.0598134	11499.1	9974.4	145.50	254	0.0432313	12961.2	10851.7	152.23
185	0.0594866	11520.0	9987.0	145.61	255	0.0430611	12982.0	10864.2	152.31
186	0.0591635	11541.0	9999.6	145.72	256	0.0428921	13002.9	10876.7	152.40
187	0.0588439	11561.9	10012.1	145.84	257	0.0427245	13023.7	10889.3	152.48
188	0.0585277	11582.8	10024.7	145.95	258	0.0425583	13044.6	10901.8	152.56
189	0.0582150	11603.8	10037.2	146.06	259	0.0423933	13065.4	10914.3	152.64
190	0.0579056	11624.7	10049.8	146.17	260	0.0422296	13086.3	10926.8	152.72
191	0.0575995	11645.6	10062.4	146.28	261	0.0420671	13107.1	10939.3	152.80
192	0.0572966	11666.5	10074.9	146.39	262	0.0419059	13128.0	10951.8	152.88
193	0.0569970	11687.5	10087.5	146.50	263	0.0417459	13148.8	10964.3	152.96
194	0.0567005	11708.4	10100.0	146.60	264	0.0415872	13169.7	10976.8	153.04
195	0.0564071	11729.3	10112.6	146.71	265	0.0414297	13190.5	10989.3	153.12
196	0.0561167	11750.2	10125.1	146.82	266	0.0412733	13211.4	11001.8	153.19
197	0.0558293	11771.1	10137.7	146.93	267	0.0411182	13232.2	11014.3	153.27
198	0.0555449	11792.1	10150.2	147.03	268	0.0409642	13253.0	11026.8	153.35
199	0.0552633	11813.0	10162.8	147.14	269	0.0408113	13273.9	11039.3	153.43
200	0.0549847	11833.9	10175.3	147.24	270	0.0406596	13294.7	11051.8	153.51
201	0.0547088	11854.8	10187.9	147.35	271	0.0405090	13315.6	11064.3	153.58
202	0.0544358	11875.7	10200.4	147.45	272	0.0403596	13336.4	11076.9	153.66
203	0.0541654	11896.6	10213.0	147.55	273	0.0402112	13357.3	11089.4	153.74
204	0.0538978	11917.5	10225.5	147.66	274	0.0400640	13378.1	11101.9	153.81
205	0.0536328	11938.4	10238.0	147.76	275	0.0399178	13398.9	11114.4	153.89
206	0.0533704	11959.3	10250.6	147.86	276	0.0397726	13419.8	11126.9	153.96
207	0.0531106	11980.2	10263.1	147.96	277	0.0396286	13440.6	11139.4	154.04
208	0.0528533	12001.1	10275.7	148.06	278	0.0394856	13461.4	11151.9	154.11
209	0.0525985	12022.0	10288.2	148.16	279	0.0393436	13482.3	11164.4	154.19
210	0.0523462	12042.9	10300.7	148.26	280	0.0392026	13503.1	11176.9	154.26
211	0.0520963	12063.8	10313.3	148.36	281	0.0390626	13524.0	11189.4	154.34
212	0.0518488	12084.7	10325.8	148.46	282	0.0389237	13544.8	11201.9	154.41
213	0.0516036	12105.6	10338.3	148.56	283	0.0387857	13565.6	11214.4	154.49
214	0.0513608	12126.5	10350.9	148.66	284	0.0386487	13586.5	11226.9	154.56
215	0.0511203	12147.3	10363.4	148.75	285	0.0385126	13607.3	11239.4	154.63
216	0.0508820	12168.2	10375.9	148.85	286	0.0383776	13628.1	11251.9	154.70
217	0.0506459	12189.1	10388.5	148.95	287	0.0382434	13649.0	11264.4	154.78
218	0.0504120	12210.0	10401.0	149.04	288	0.0381103	13669.8	11276.9	154.85
219	0.0501803	12230.9	10413.5	149.14	289	0.0379780	13690.6	11289.4	154.92
220	0.0499507	12251.8	10426.1	149.23	290	0.0378466	13711.5	11301.9	154.99
221	0.0497233	12272.6	10438.6	149.33	291	0.0377162	13732.3	11314.4	155.07
222	0.0494979	12293.5	10451.1	149.42	292	0.0375867	13753.1	11326.9	155.14
223	0.0492745	12314.4	10463.7	149.52	293	0.0374580	13774.0	11339.4	155.21
224	0.0490532	12335.3	10476.2	149.61	294	0.0373307	13794.8	11351.9	155.28
225	0.0488338	12356.2	10488.7	149.70	295	0.0372033	13815.6	11364.4	155.35
226	0.0486165	12377.0	10501.2	149.79	296	0.0370773	13836.5	11376.9	155.42
227	0.0484010	12397.9	10513.8	149.89	297	0.0369521	13857.3	11389.4	155.49
228	0.0481875	12418.8	10526.3	149.98	298	0.0368278	13878.1	11401.9	155.56
229	0.0479758	12439.7	10538.8	150.07	299	0.0367043	13898.9	11414.4	155.63
230	0.0477660	12460.5	10551.3	150.16	300	0.0365816	13919.8	11426.9	155.70