

Carbon				Nitrogen			
C(s) (graphite)	0	0	6	N ₂ (g)	0	0	192
C(s) (diamond)	2	3	2	NCl ₃ (g)	230	271	
CO(g)	-110.5	-137	198	NF ₃ (g)	-125	-83.6	261
CO ₂ (g)	-393.5	-394	214	NH ₃ (g)	-46	-17	193
CH ₄ (g)	-75	-51	186	NH ₃ (aq)	-80	-27	111
CH ₃ OH(g)	-201	-163	240	NH ₂ CONH ₂ (aq)	?	?	174
CH ₃ OH(l)	-239	-166	127	NO(g)	90	87	211
H ₂ CO(g)	-116	-110	219	NO ₂ (g)	34	52	240
HCOOH(g)	-363	-351	249	N ₂ O(g)	82	104	220
HCN(g)	135.1	125	202	N ₂ O ₄ (g)	10	98	304
C ₂ H ₂ (g)	227	209	201	N ₂ O ₅ (g)	-42	134	178
C ₂ H ₄ (g)	52	68	219	N ₂ H ₃ CH ₃ (l)	54	180	166
CH ₃ CHO(g)	-166	-129	250	HNO ₃ (aq)	-207	-111	146
C ₂ H ₅ OH(l)	-278	-175	161	HNO ₃ (g)	-134.3	-73.94	266.4
C ₂ H ₆ (g)	-84.7	-32.9	229.5	HNO ₃ (l)	-174	-81	156
C ₃ H ₆ (g)	20.9	62.7	266.9	NH ₄ Cl(s)	-314	-201	95
C ₃ H ₈ (g)	-104	-24	270	NH ₄ ClO ₄ (s)	-295	-89	186
C ₄ H ₁₀ (g)	-125.7	-15.7	310	NH ₄ NO ₃ (s)	-365.6	-184	151.1
C ₄ H ₁₀ (l)	-147.3	-15.0	231	Potassium			
Bromine				K ₂ CO ₃ (s)	-1150.2	-1064.6	155
Br ₂ (l)	0	0	152.231	Silver			
BrCl(g)	14.64	-0.96	239.99	Ag(s)	0	0	42.6
Chlorine				Ag ⁺ (aq)	105.6	77.1	72.7
Cl ₂ (g)	0	0	223	Ag(S ₂ O ₃) ₃ ³⁻ (aq)	-1285.7	--	--
Cl ₂ (aq)	-23	7	121	AgBr(s)	-100.4	-96.9	107.1
Cl ⁻ (aq)	-167	-131	57	AgCl(s)	-127.1	-109.8	96.2
HCl(g)	-92	-95	187	Sodium			
Fluorine				NaCl(aq)	407	-393	115.5
F ₂ (g)	0	0	203	NaOH(aq)	-470	-419	50
F ⁻ (aq)	-333	-279	-14	Sulfur			
HF(g)	-271	-273	174	S(rhombic)	0	0	31.8
Hydrogen				S(monoc)	0.3	0.1	32.6
H ₂ (g)	0	0	131	SO ₂ (g)	-296.8	-300.2	248.8
H(g)	217	203	115	SO ₃ (g)	-395.7	-371.1	256.3
H ⁺ (aq)	0	0	0	H ₂ S(g)	-20.17	-33.0	205.6
OH ⁻ (aq)	-230	-157	-11	Titanium			
H ₂ O(s)	-292		41	TiCl ₄ (g)	-763	-727	355
H ₂ O(l)	-286	-237	70	TiO ₂ (s)	-945	-890	50
H ₂ O(g)	-242	-229	189	Aluminum			
Magnesium				AlBr ₃ (s)	-526.3	-505	184
Mg(s)	0	0	33	Al(s)	0	0	28.32
Mg(aq)	-492	-456	-118	Barium			
MgO(s)	-601	-569	26.9	BaCl ₂ (aq)	-872	-823	123
Oxygen				Ba(OH) ₂ ·8H ₂ O(s)	-3342	-2793	427
O ₂ (g)	0	0	205	Iodine			
O(g)	249	232	161	I ₂ (s)	0	0	116.7
O ₃ (g)	143	163	239	I ₂ (g)	62.25	19.37	260.57
				HI(g)	25.94	1.30	206.3