Periodic Table — Advanced Data (Density, Melting & Boiling Points)

D = Density (g/cm³) | MP = Melting Point (°C) | BP = Boiling Point (°C) | State strip at 20°C

Solid | Liquid | Gas | Unknown

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	**H** D: 0.00009 MP: -259C BP: -253C																	**He** D: 0.00018 MP: -272C BP: -269C
2	**Li** D: 0.53 MP: 181C BP: 1342C	**Be** D: 1.85 MP: 1287C BP: 2469C											**B** D: 2.34 MP: 2075C BP: 4000C	**C** D: 2.27 MP: 3550C BP: 4027C	**N** D: 0.00125 MP: -210C BP: -196C	**O** D: 0.00143 MP: -218C BP: -183C	**F** D: 0.00170 MP: -220C BP: -188C	**Ne** D: 0.00090 MP: -249C BP: -246C
3	**Na** D: 0.97 MP: 98C BP: 883C	**Mg** D: 1.74 MP: 650C BP: 1090C											**Al** D: 2.70 MP: 660C BP: 2519C	**Si** D: 2.33 MP: 1414C BP: 3265C	**P** D: 1.82 MP: 44C BP: 281C	**S** D: 2.07 MP: 113C BP: 445C	**Cl** D: 0.00321 MP: -101C BP: -35C	**Ar** D: 0.00178 MP: -189C BP: -186C
4	**K** D: 0.86 MP: 64C BP: 759C	**Ca** D: 1.55 MP: 842C BP: 1484C	**Sc** D: 2.99 MP: 1541C BP: 2836C	**Ti** D: 4.51 MP: 1668C BP: 3287C	**V** D: 6.11 MP: 1910C BP: 3407C	**Cr** D: 7.15 MP: 1907C BP: 2671C	**Mn** D: 7.44 MP: 1246C BP: 2061C	**Fe** D: 7.87 MP: 1538C BP: 2861C	**Co** D: 8.90 MP: 1495C BP: 2927C	**Ni** D: 8.91 MP: 1455C BP: 2913C	**Cu** D: 8.96 MP: 1085C BP: 2562C	**Zn** D: 7.14 MP: 420C BP: 907C	**Ga** D: 5.91 MP: 30C BP: 2229C	**Ge** D: 5.32 MP: 938C BP: 2820C	**As** D: 5.73 MP: 817*C BP: 615†C	**Se** D: 4.81 MP: 221C BP: 685C	**Br** D: 3.12 MP: -7C BP: 59C	**Kr** D: 0.00374 MP: -157C BP: -153C
5	**Rb** D: 1.53 MP: 39C BP: 688C	**Sr** D: 2.64 MP: 777C BP: 1382C	**Y** D: 4.47 MP: 1526C BP: 3336C	**Zr** D: 6.51 MP: 1855C BP: 4409C	**Nb** D: 8.57 MP: 2477C BP: 4744C	**Mo** D: 10.22 MP: 2623C BP: 4639C	**Tc** D: 11.50 MP: 2157C BP: 4265C	**Ru** D: 12.37 MP: 2334C BP: 4150C	**Rh** D: 12.41 MP: 1964C BP: 3695C	**Pd** D: 12.02 MP: 1555C BP: 2963C	**Ag** D: 10.49 MP: 962C BP: 2162C	**Cd** D: 8.65 MP: 321C BP: 767C	**In** D: 7.31 MP: 157C BP: 2072C	**Sn** D: 7.29 MP: 232C BP: 2602C	**Sb** D: 6.68 MP: 631C BP: 1587C	**Te** D: 6.24 MP: 450C BP: 988C	**I** D: 4.93 MP: 114C BP: 184C	**Xe** D: 0.00589 MP: -112C BP: -108C
6	**Cs** D: 1.93 MP: 28C BP: 671C	**Ba** D: 3.51 MP: 727C BP: 1897C	**La** D: 6.16 MP: 920C BP: 3469C	**Hf** D: 13.31 MP: 2233C BP: 4603C	**Ta** D: 16.69 MP: 3017C BP: 5458C	**W** D: 19.25 MP: 3422C BP: 5555C	**Re** D: 21.02 MP: 3186C BP: 5596C	**Os** D: 22.59 MP: 3033C BP: 5012C	**Ir** D: 22.56 MP: 2446C BP: 4428C	**Pt** D: 21.45 MP: 1768C BP: 3825C	**Au** D: 19.30 MP: 1064C BP: 2856C	**Hg** D: 13.53 MP: -39C BP: 357C	**Tl** D: 11.85 MP: 304C BP: 1473C	**Pb** D: 11.34 MP: 327C BP: 1749C	**Bi** D: 9.79 MP: 271C BP: 1564C	**Po** D: 9.20 MP: 254C BP: 962C	**At** D: — MP: 302C BP: 337C	**Rn** D: 0.00973 MP: -71C BP: -62C
7	**Fr** D: — MP: 27C BP: 677C	**Ra** D: 5.50 MP: 700C BP: 1737C	**Ac** D: 10.07 MP: 1051C BP: 3198C	**Rf** D: — MP: —C BP: —C	**Db** D: — MP: —C BP: —C	**Sg** D: — MP: —C BP: —C	**Bh** D: — MP: —C BP: —C	**Hs** D: — MP: —C BP: —C	**Mt** D: — MP: —C BP: —C	**Ds** D: — MP: —C BP: —C	**Rg** D: — MP: —C BP: —C	**Cn** D: — MP: —C BP: —C	**Nh** D: — MP: —C BP: —C	**Fl** D: — MP: —C BP: —C	**Mc** D: — MP: —C BP: —C	**Lv** D: — MP: —C BP: —C	**Ts** D: — MP: —C BP: —C	**Og** D: — MP: —C BP: —C

*	**La** D: 6.16 MP: 920C BP: 3469C	**Ce** D: 6.77 MP: 799C BP: 3443C	**Pr** D: 6.77 MP: 931C BP: 3520C	**Nd** D: 7.01 MP: 1021C BP: 3074C	**Pm** D: 7.26 MP: 1042C BP: 3000C	**Sm** D: 7.52 MP: 1072C BP: 1794C	**Eu** D: 5.24 MP: 822C BP: 1529C	**Gd** D: 7.90 MP: 1313C BP: 3273C	**Tb** D: 8.23 MP: 1356C BP: 3230C	**Dy** D: 8.55 MP: 1412C BP: 2567C	**Ho** D: 8.80 MP: 1474C BP: 2700C	**Er** D: 9.07 MP: 1529C BP: 2868C	**Tm** D: 9.32 MP: 1545C BP: 1950C	**Yb** D: 6.90 MP: 819C BP: 1196C	**Lu** D: 9.84 MP: 1663C BP: 3402C
**	**Ac** D: 10.07 MP: 1051C BP: 3198C	**Th** D: 11.72 MP: 1750C BP: 4820C	**Pa** D: 15.37 MP: 1568C BP: 4027C	**U** D: 19.05 MP: 1135C BP: 4131C	**Np** D: 20.45 MP: 639C BP: 4000C	**Pu** D: 19.84 MP: 640C BP: 3228C	**Am** D: 13.69 MP: 1176C BP: 2607C	**Cm** D: 13.51 MP: 1340C BP: 3110C	**Bk** D: 14.78 MP: 1050C BP: —C	**Cf** D: 15.10 MP: 900C BP: —C	**Es** D: 8.84 MP: 860C BP: —C	**Fm** D: — MP: 1527C BP: —C	**Md** D: — MP: 827C BP: —C	**No** D: — MP: 827C BP: —C	**Lr** D: — MP: 1627C BP: —C

* Lanthanides (Z = 57–71) ** Actinides (Z = 89–103) — = data unavailable or estimated * As melts under pressure; † sublimes at 1 atm