

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							
	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					
	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					
	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							
	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							
	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							
	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; † sublimates at 1 atm