

Solar System Densities and Temperatures

	MASS (10 ²⁴ kg)	RADIUS (10 ⁷ meters)	VOLUME (10 ²¹ meters ³)	DENSITY (kg / liter)	Equilibrium T (K)	Surface T (K)
SUN	1990000.00	69.57	1410000.00	1.4	6777	6777
MERCURY	0.33	0.24			440	440
VENUS	4.87	0.61			227	730
EARTH	5.97	0.64	1.10	5.5	254	287
MARS	0.64	0.34			210	210
JUPITER	1898.60	6.99			110	120
SATURN	568.36	5.82			81	88
URANUS	86.81	2.53			58	59
NEPTUNE	102.43	2.46			47	48
MOON	0.07	0.17	0.02	3.5	270	~250
	Sources: https://nssdc.gsfc.nasa.gov/planetary/factsheet/jupiterfact.html , etc.					





