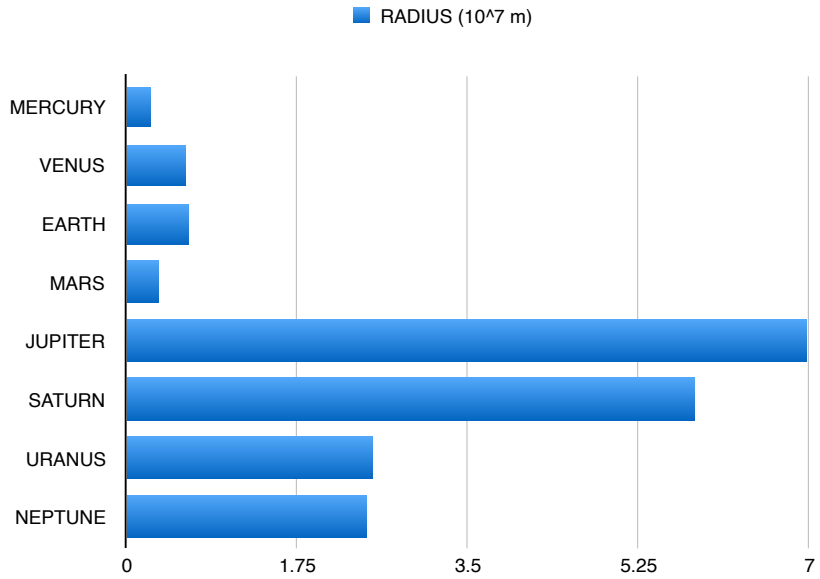
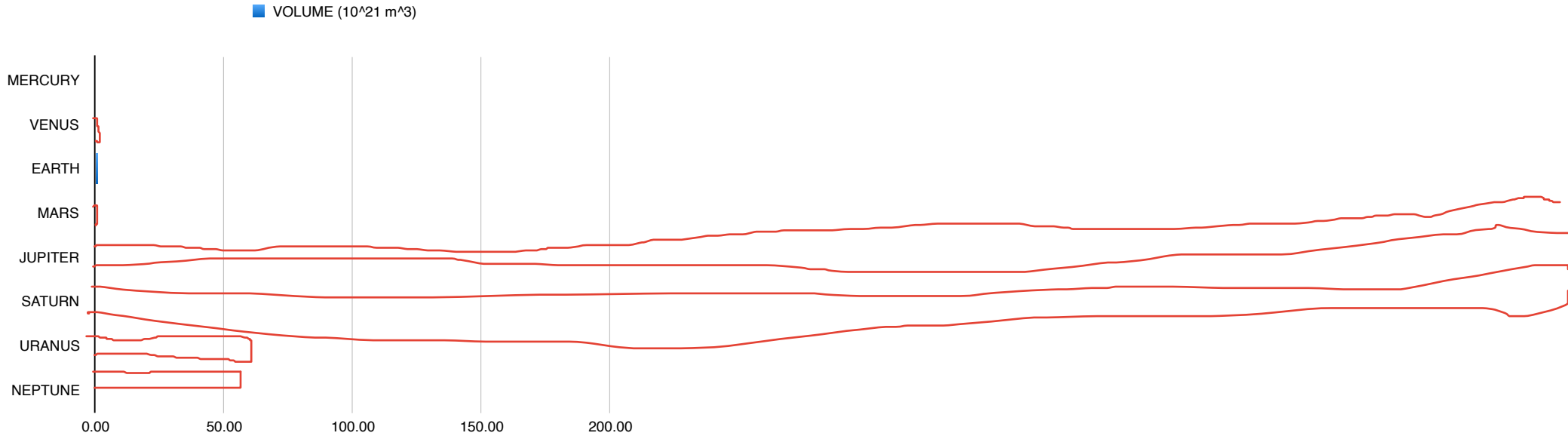
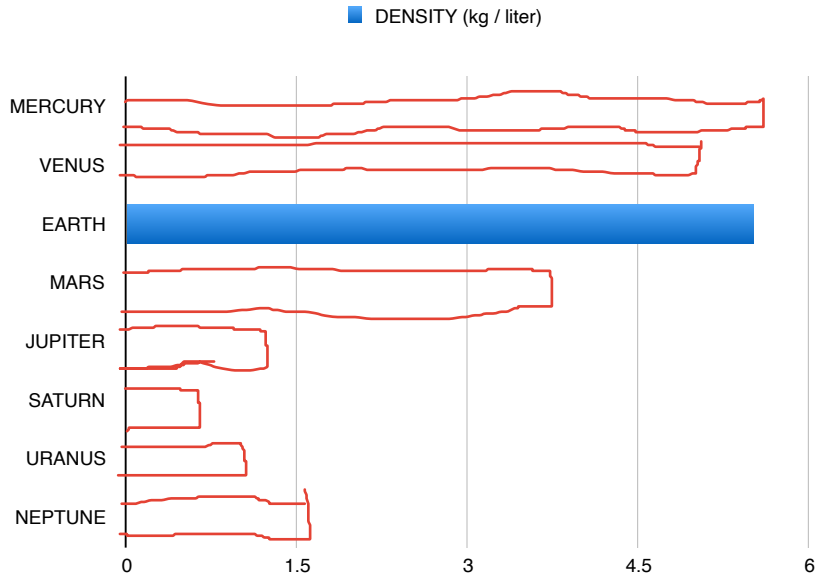
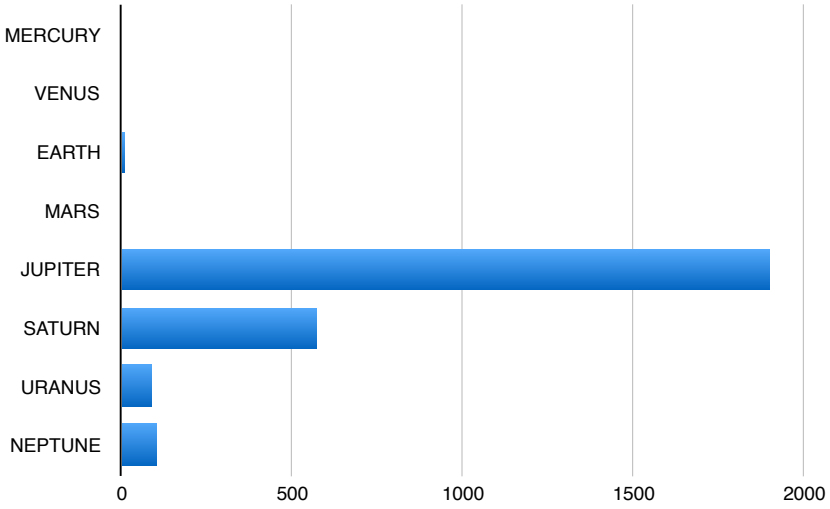
Solar System Densities and Temperatures

	RADIUS (10^7 meters)	VOLUME (10^{21} meters^3)	MASS (10^{24} kg)	DENSITY (kg / liter)	Equilibrium T (K)	Surface T (K)
SUN	69.57	1410000.00	1990000.00	1.4	6777	6777
MERCURY	0.24	0.0579	0.33	5.7	440	440
VENUS	0.61	0.951	4.87	5.12	227	730
EARTH	0.64	1.10	5.97	5.5	254	287
MARS	0.34	0.165	0.64	3.88	210	210
JUPITER	6.99	1430.6	1898.60	1.33	110	120
SATURN	5.82	825.77	568.36	0.69	81	88
URANUS	2.53	67.83	86.81	1.28	58	59
NEPTUNE	2.46	62.36	102.43	1.64	47	48
MOON	0.17	0.02	0.07	3.5	270	~250
	Sources: https://nssdc.gsfc.nasa.gov/planetary/factsheet/jupiterfact.html, etc.					




VOLUME (10^21 m^3)
MERCURY
VENUS
EARTH
MARS
JUPITER
SATURN
URANUS
NEPTUNE
0.00
50.00
100.00
150.00
200.00


DENSITY (kg / liter)
MERCURY
VENUS
EARTH
MARS
JUPITER
SATURN
URANUS
NEPTUNE
0
1.5
3
4.5
6



<===== Here are the masses as a plot too.
Units are 10^24 kg.