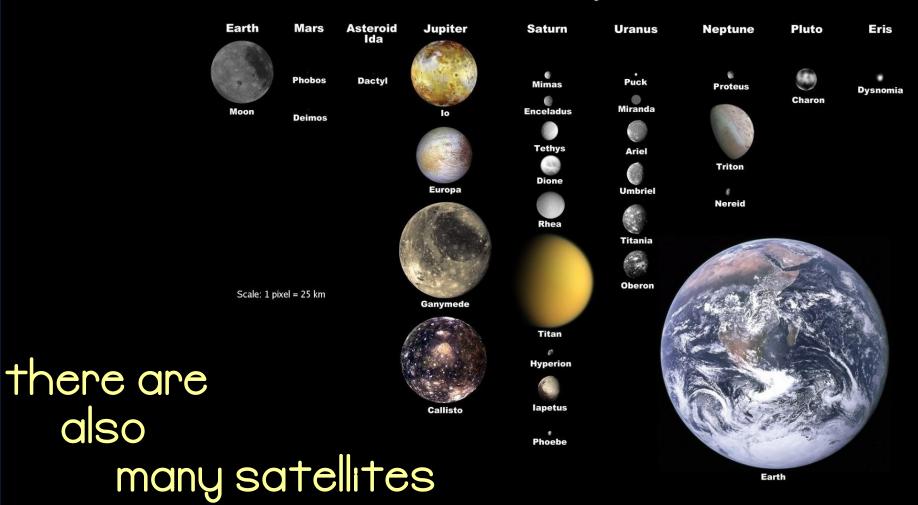


Selected Moons of the Solar System, with Earth for Scale



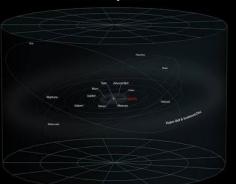
also



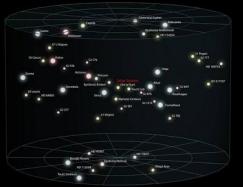
we are just a small point in the Universe

Earth

Solar System



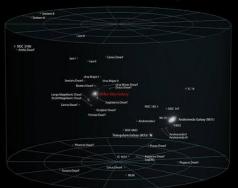
Solar Interstellar Neighborhood



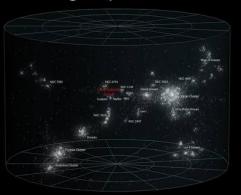
Milky Way Galaxy



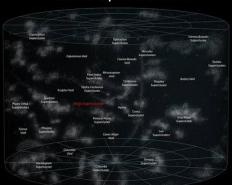
Local Galactic Group



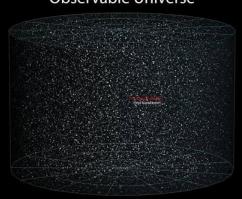
Virgo Supercluster

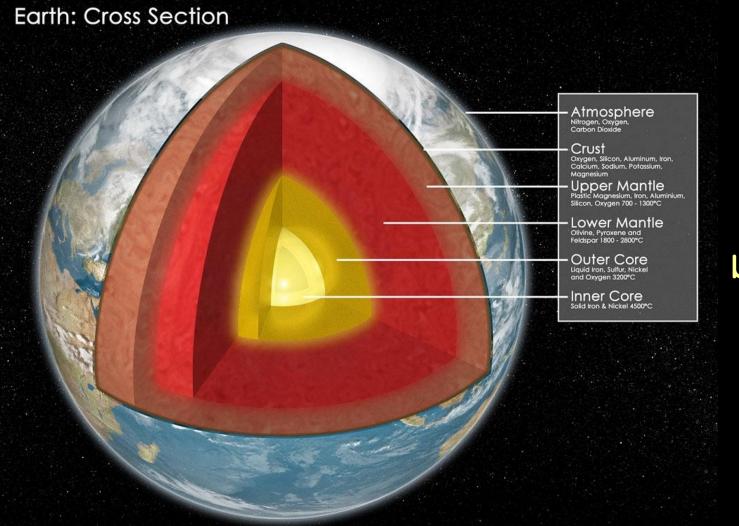


Local Superclusters



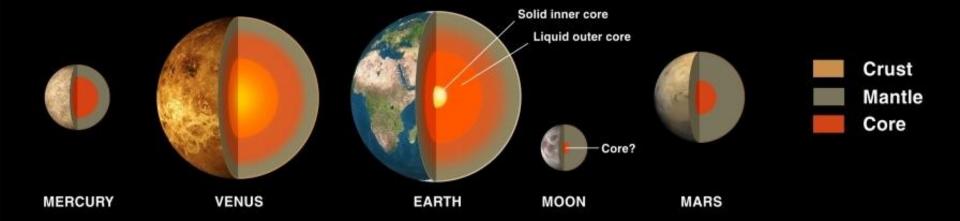
Observable Universe

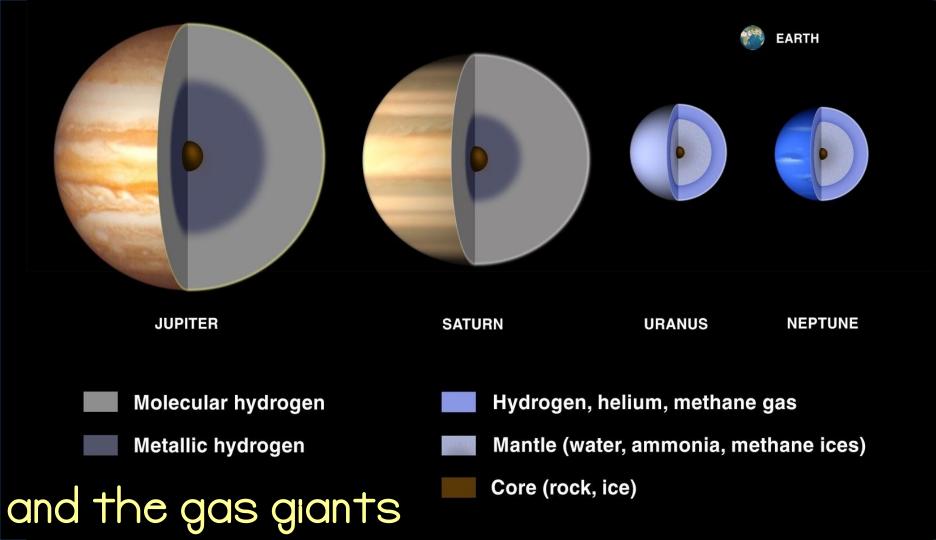


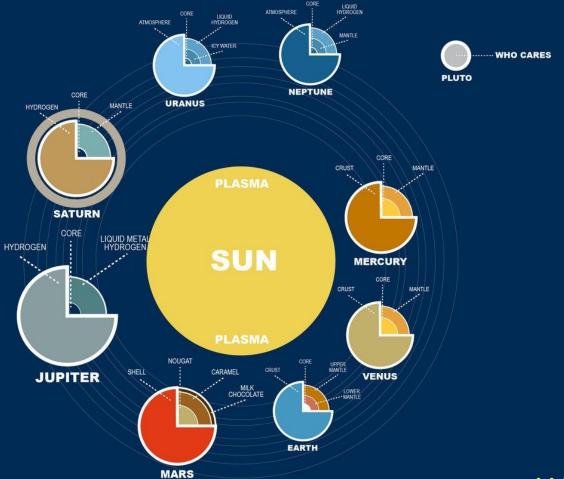


the Earth has very warm core and some layers

just like the other rocky planets







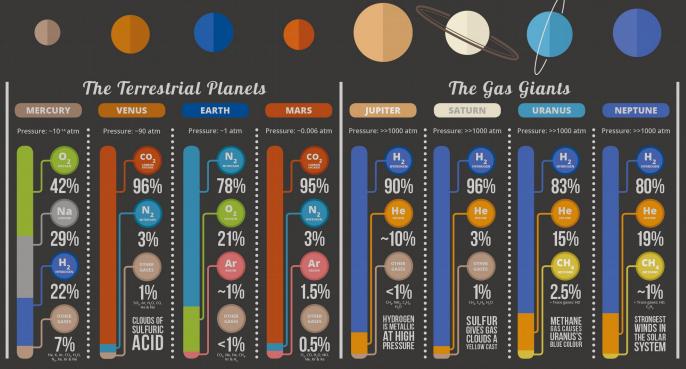
this is where We live

Saturn's Satellites and Ring Structure Telesto . Helene « Calypso • Prometheus Janus Pan Atlas Hyperion Phoebe Pandora Epimetheus Mimas Enceladus Dione Rhea Titan **Iapetus** Saturn All bodies are to scale except for Pan, Atlas, Telesto, Calypso, and Helene, whose sizes have been exaggerated by a factor of 5 to show rough topography Not shown: Pan 2.22 Rs 20.3 Rs 2.28 Rs 24.6 Rs 2.31 Rs Iapetus 59.1 Rs Pandora 2.35 Rs 214.9 Rs Phoebe E Ring Encke thickness Division Voyager 2 (6.3 Rs) Pioneer 11 (2.78 Rs) (FWHM) Voyager 2 (2.88 Rs) Epimetheus Cassini 30,000 km Pioneer 11 (2.92 Rs) Division 20,000 km D Ring Dione 10,000 km Tethys Enceladus Saturn . 0 km 10,000 km 20,000 km 30,000 km E Ring Cassini SOI

Crossings Distance from Saturn Center (Rs) This graphic is available in color if required.

Saturn's rings are impressive

ATMOSPHERES OF THE SOLAR SYSTEM



Note: Planet sizes not to scale. Pressures for terrestrial planets are surface pressures. Mercury's atmosphere is not an atmosphere in the strict sense of the word, being a trillion times thinner than Earth's.

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Planets
STRONGEST WINDS IN SYSTEM

sthinner than Earth's.

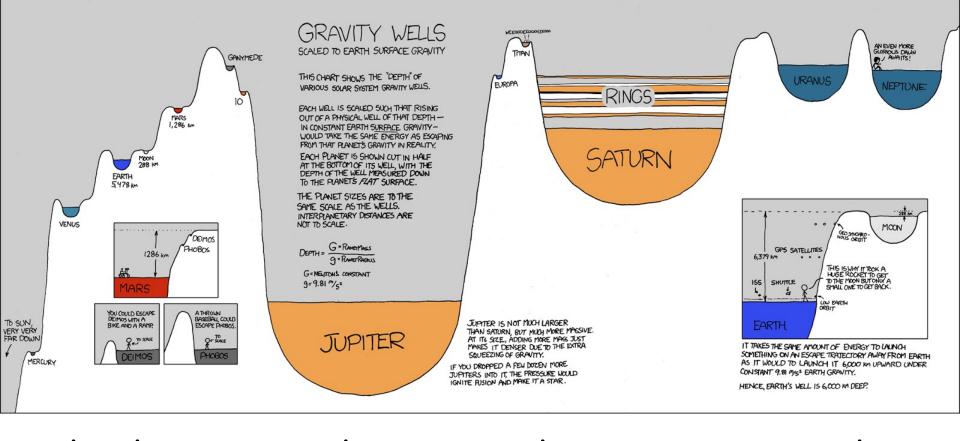
THE PLANE STRONGEST WINDS IN THE SULAR SYSTEM

sthinner than Earth's.

THE PLANE SYSTEM

Planets

have



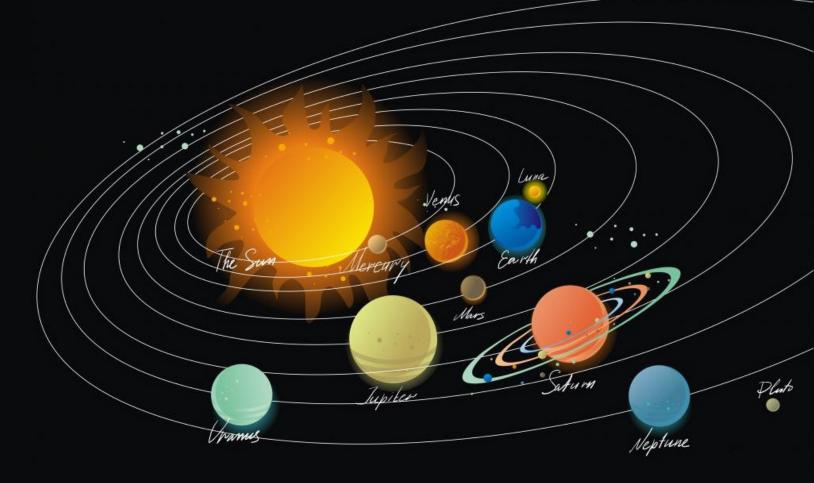
the bigger a planet is, the more it weights, and the more it attracts other objects

The Solar System in "Color Space"

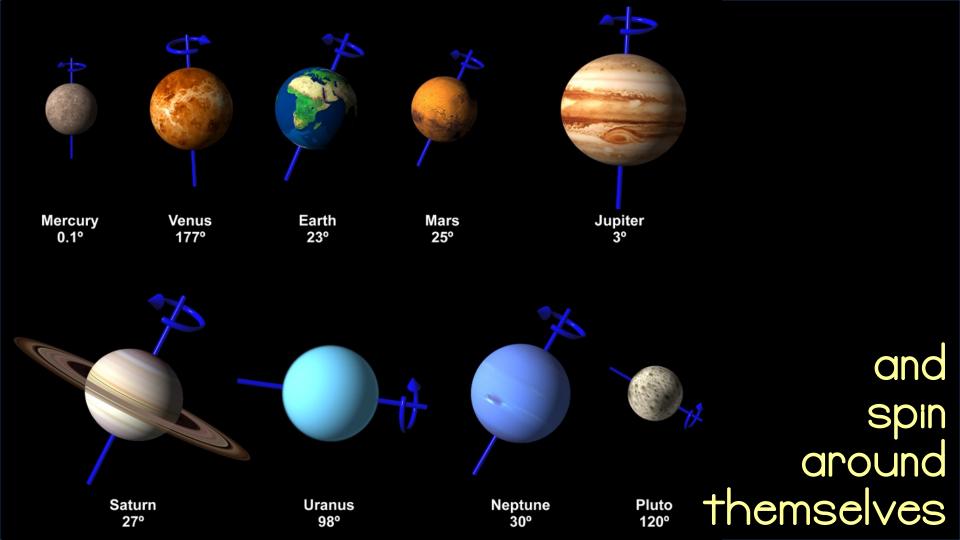
Neptune Venus Mercury Jupiter Saturn

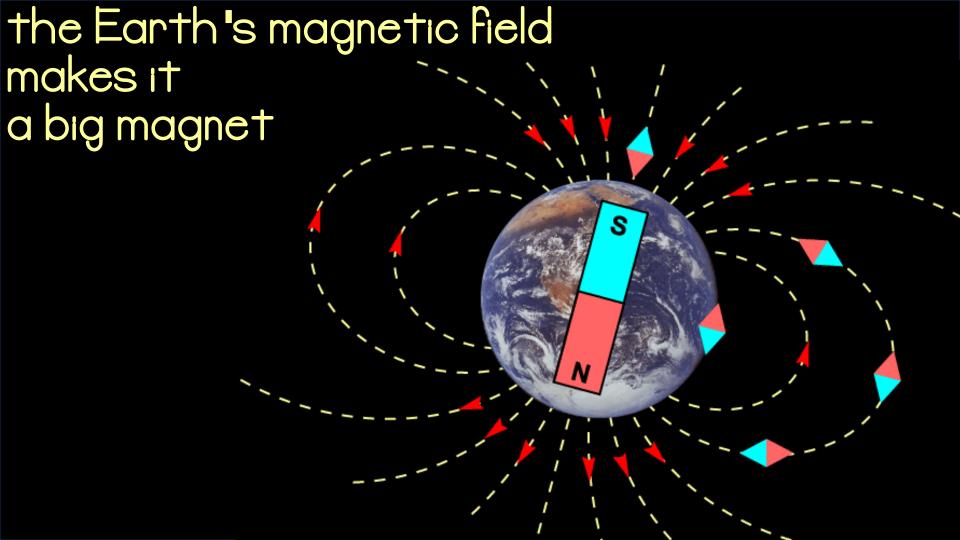
Ratio of red to green light

Their color depends on which materials they are made of

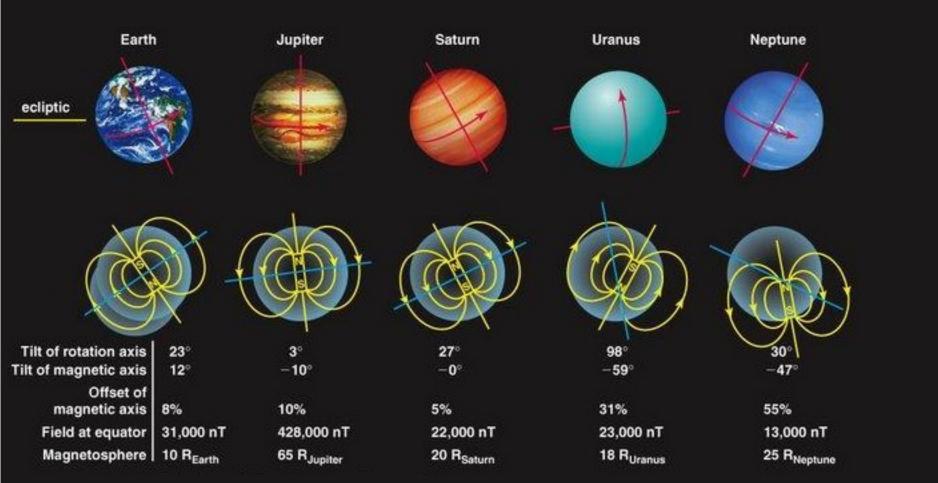


the planets orbit around the Sun

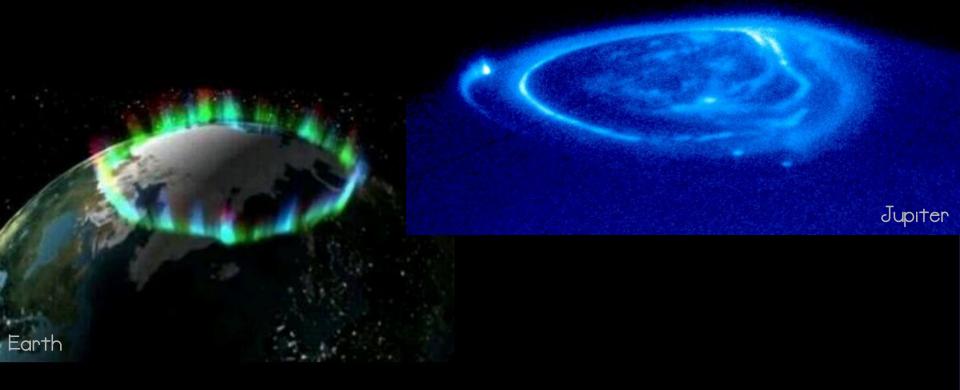




other planets have magnetic fields too



when the solar wind collide with them they cause the auroras



there are many things in our Solar System

