

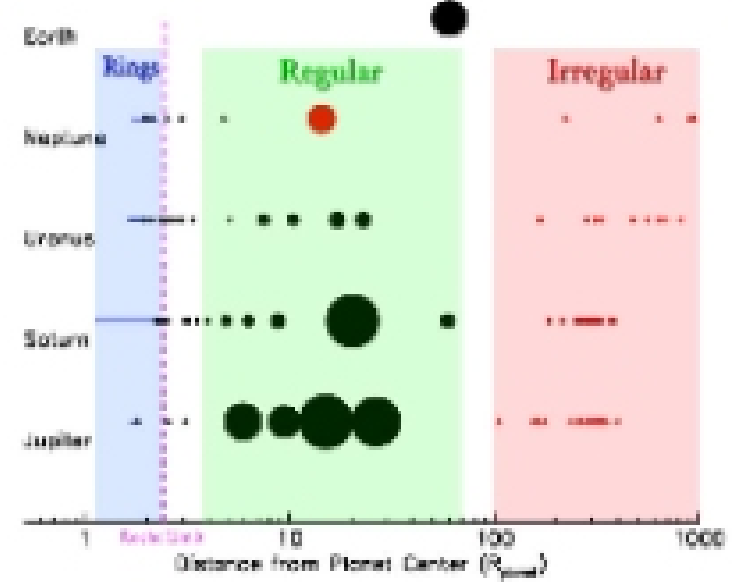
Question of the Day

Outer Moons I - Rings & Dead Worlds

- What are the types/characteristics of giant planet satellites?
- What is the Roche Limit of a Planet?

Dead Worlds - Callisto & Co.

- How are their surfaces similar/different from the Earth's Moon?

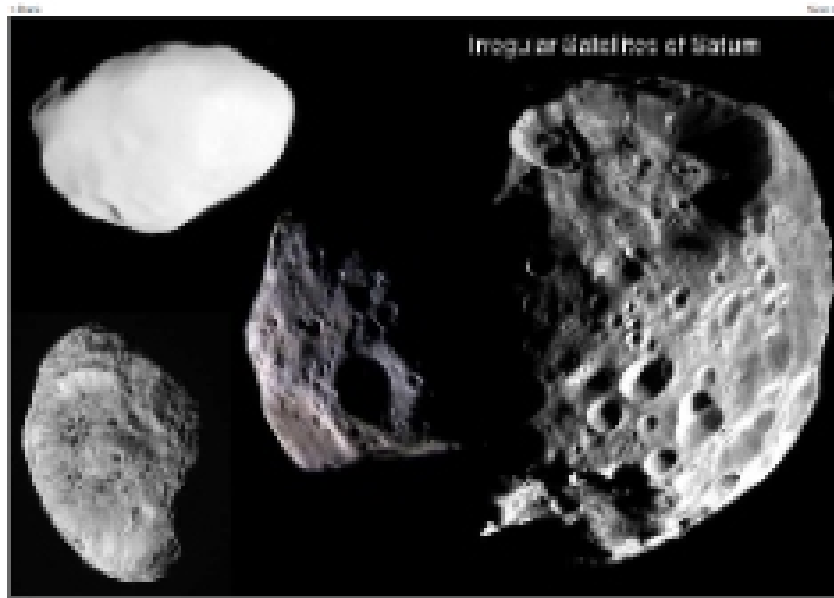


Giant Planet Satellites

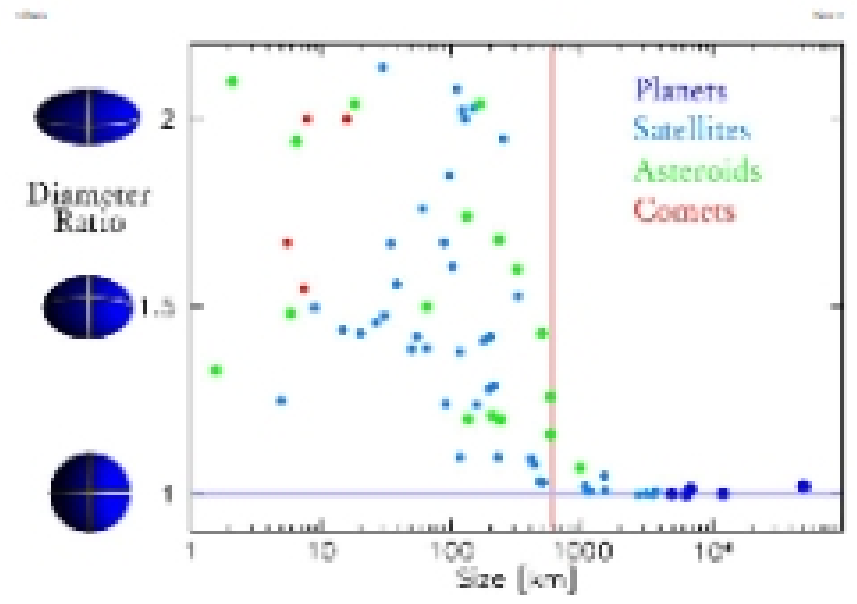
- Rings
- Regular Satellites
- Irregular Satellites

Irregular Satellites

- Small (Asteroid Size)
- Formed by Capture (captured asteroids)
- Orbit:
 - Prograde and Retrograde
 - High Eccentricity
 - High Inclination
 - Far from planet



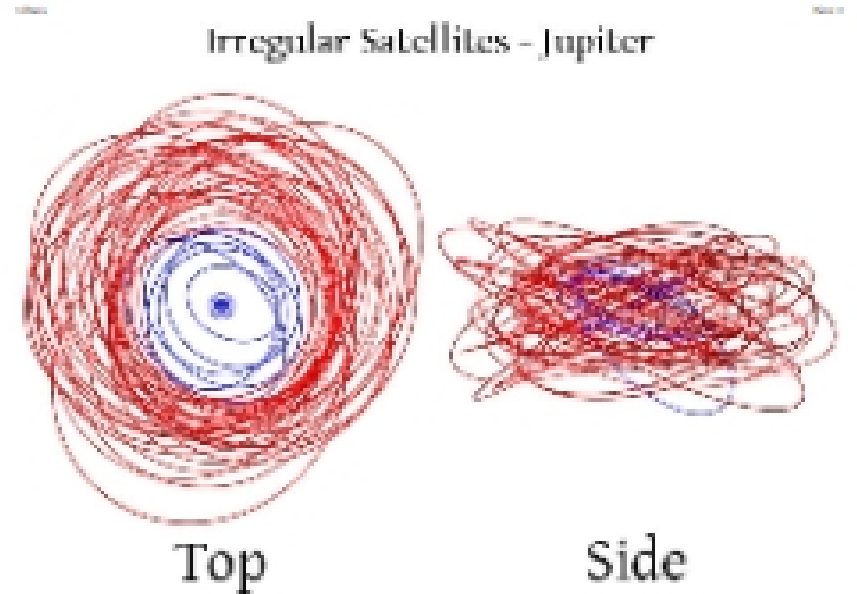
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Regular Satellites

- Large (Earth's Moon Size)
- Formed by Co-Accretion (like solar system)
- Orbit:
 - Prograde
 - Low Eccentricity - Nearly Circular
 - Low Inclination - Orbit above equator
 - Close to planet
- Synchronous Rotation - Same side toward planet
- Composed of Ice and Rock

Regular Satellites - Jupiter

