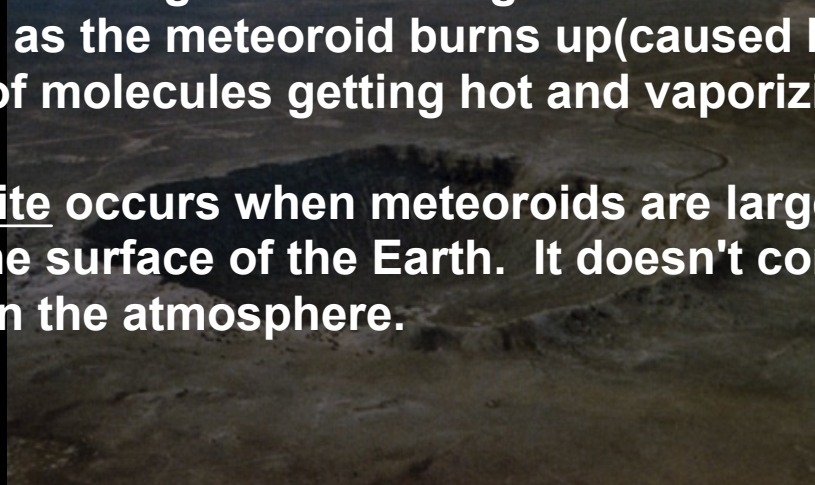


Meteors and Meteorites

A meteoroid is a lump of rock and metal trapped by Earth's gravity and pulled down to earth's atmosphere. (large ones are caused by asteroids in Earth's orbit that cross Earth's orbit, smaller caused by debris left behind by comets)

A meteor is a bright streak of light seen across the night sky as the meteoroid burns up (caused by rubbing of molecules getting hot and vaporizing)

A meteorite occurs when meteoroids are large enough and hit the surface of the Earth. It doesn't completely burn up in the atmosphere.



Comets



A comet is a chunk of frozen matter (gases, rocks and dust) that travels in an orbit around the sun.

comets have tails a few million km long

most of the time orbiting comets are far out in the solar system, but as it gets closer to the sun it is warmed and the gases are heated causing it to become more visible.

There are many comets that have regular revolutions around the sun i.e. Halley's Comet has a revolution of 76 years.



Video



Complete Other Objects in Space
Assignment
Pass in once complete

Attachments

A_Spin_around_the_Solar_System__The_Small_Pieces__Asteroids__Comets__and_Pluto.wmv