The Earth

Scale Notes for 1-meter Earth
- The scaled Sun would be 109 meters across, or the length of a football field.
- The Sun would be 12km/7miles away.
- The Asteroid Belt would begin 12km in the opposite direction, and continue for 14km/9mi.

Red dots indicate the locations of impact craters. More than 170 confirmed impact craters have been identified around the world. Not all of these craters are visible from space. Some were found due to gravitational measurements of the Earth.

A large impact in the Yucatan Peninsula 65 million years ago left this 180km/110mi crater. The objects that created the geyser were about 100m/300ft across and its impact caused worldwide devastation. The resulting volcanoes and wildfires created an inhospitable environment for life and caused the mass extinction of many life forms.

The First 10 Asteroids Discovered

1 Ceres
2 Pallas
3 Juno
4 Vesta
5 Asterea
6 Hebe
7 Iris
8 Flora
9 Metis
10 Hygiea

Night Sky Network
www.NightSkyNetwork.org

The same asteroid magnified 15 times

An artist's view of a billion-meteor shower generally associated with the Perseids or Lyrids.