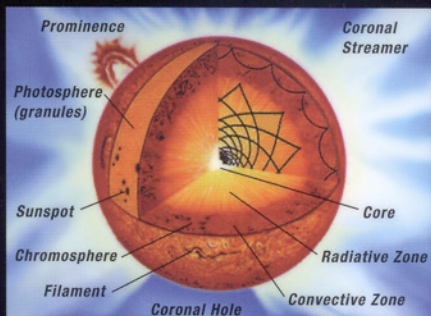


Sun Statistics



- ☀ The Sun is the largest object in our solar system—it contains 98% of the total solar system mass.
- ☀ 109 Earths would fit across the Sun's disk.
- ☀ The interior could hold 1.3 million Earths.

CORE — 15,000,000 degrees Celsius

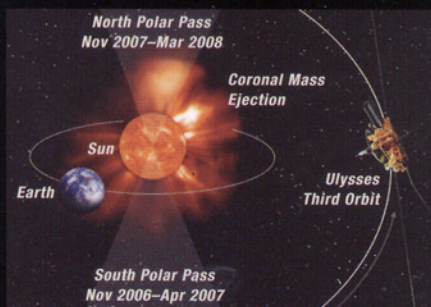
PHOTOSPHERE — 6,000 degrees Celsius

CHROMOSPHERE — Layer above the photosphere

CORONA — 1,000,000 degrees Celsius

SUNSPOTS — 4,000 degrees Celsius

Ulysses' Solar Orbit



The spacecraft is beginning its third solar orbit, heading for its third south polar and north polar passes to continue studies of the three-dimensional heliosphere.

Learn More <http://ulysses.jpl.nasa.gov>
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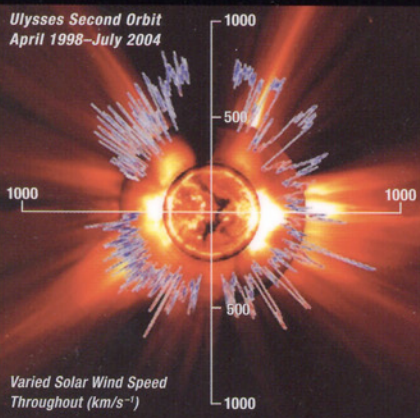
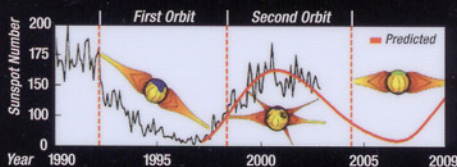
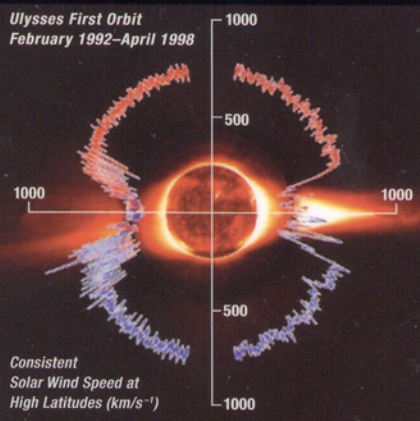
European Space Agency
 Agence spatiale européenne

Ulysses

Solar Exploration & Observation

Solar Wind and Sunspots

Solar conditions changed during Ulysses' first and second orbits. During the second orbit, solar wind speeds varied throughout, sunspot number increased, and the polarity of the solar magnetic poles was reversing.



■ Outward Interplanetary Magnetic Field (IMF)
 ■ Inward IMF