

# Facts About The Sun



## **Basic Solar Information**

1. The Sun is an ordinary star with eight planets and various dwarf planets and asteroids orbiting around it.
2. The Sun is 865,000 miles in diameter (about 109 times the diameter of the Earth)
3. The Sun's mass is 333,000 times the mass of the Earth.
4. The surface temperature of the Sun is 10,000 degrees F.
5. The temperature at the center of the Sun is 27 million degrees F.
6. The Sun rotates with a period ("day") of 26 days, 21 hours.
7. The Sun is 750 times bigger than everything else in the solar system combined.

## **Sunspot Information**

1. Sunspots are areas of cooler gas on the surface of the Sun and therefore appear darker.
2. Sunspots are from 6000 to 8000 degrees F.
3. Sunspots are magnetic storms on the surface of the Sun