

# VENUS

- Venus is virtually the same size as earth and is the second closest planet to sun.
- Venus has an extremely thick atmosphere of carbon dioxide with clouds made up of sulfur dioxide (it rains sulfur dioxide).
- Due to greenhouse effect, Venus has a maximum surface temperature of 460 degrees C (860 degrees F--hot enough to melt lead). This is hotter than the s.t. of Mercury.



- As viewed from earth, Venus is the brightest planet in the solar system.

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- Because the atmosphere is so thick, atmospheric pressure on the surface is over 90 times that on earth. The few spacecraft that have landed have melted and been crushed within hours.
- Venus's magnetic field is due to the interactions of solar winds with its ionosphere. It has not magnetic field intrinsically due to its core.
- Venus rotates very slowly. In fact, it's day is longer than it's year. In fact, in fact, you could WALK faster than the planet rotates.
- One year on Venus takes 225 solar days on earth.
- Venus has an iron core and many inactive volcanoes with NO tectonic activity.
- Venus is the only planet in the s.s. that rotates clockwise (as viewed from its north pole).

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