

29:52 Exploration of the Solar System
Homework Assignment # 6
Assigned: March 24, 2008
Homework Quiz Due: March 31, 2008, 8 AM

1. We can see the surface of Venus via radio waves, although we cannot see it with visible light. What is an analogous process here on Earth, in everyday life?
2. What is unusual about the rotation of Venus? How do we know that?
3. Use Wien's Law to calculate the wavelength at which the Earth "shines" brightest.
4. How high above the surface of Venus would you have to go to find a comfortable temperature (you would still need a supply of oxygen)? **Hint:** Forage around in the textbook. This is a graph-based question.
5. What feature of Venus leads to speculation that it might have had oceans very long ago?
6. Question # 8, p230 of textbook.