Name Period

Video - The Universe: Jupiter (The Giant Planet)

1. Jupiter is 84% and % helium.
2. Jupiter is so large that Earth’s could easily fit inside it.
3. Explain how the presence of Jupiter may have allowed life to form on Earth.
4. The comet Shoemaker-Levy 9 impacts of July 1994 were similar in magnitude to the impact that killed the dinosaurs. The Shoemaker-Levy 9 impacts were equivalent to

 to times the energy of the world’s nuclear weapons.

1. Wind speeds within the Great Red Spot are mph.
2. Unlike hurricanes on Earth, the Great Red Spot does not contain this compound:

 .

1. Jupiter’s moon Io has volcanoes the size of this state: .
2. Ganymede is times the size of the Earth’s Moon.
3. Callisto has this distinguishing feature: .
4. Europa has ice and is similar to .
5. Europa may have more water than the Ocean.
6. The magnetic field of Jupiter extends out to the orbit of .
7. What can you detect with your car radio?

over

1. Describe the probable origin of Jupiter’s ring.
2. Explain why the ring of Jupiter is getting larger.