Jupiter

King of the Gods and Planets
318 x Earth’s Mass
11 x Earth’s Radius
1/1000 Sun’s Mass

Jupiter’s Cloud layers

_________ (at the top)
_________________
_________________
_________ (lowest layer)

Clouds, clouds, clouds

Rotation rate – __________
________________________⇒ turbulence, and storms
The Great Red Spot

___________ old Storm
____ x size of the Earth

Aurora \(\rightarrow\) magnetic field

What’s Jupiter’s magnetic field like?

How is it produced?
Jupiter’s Ring System

Satellites of Jupiter
60+ satellites
4 largest are the Galilean Satellites

Io - The Volcanic World
Continual volcanic eruptions
Why?
Europa - The Ice World
Ganymede - The Largest Moon
Callisto - The Cratered Moon

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