

The background of the slide is a collage of Jupiter images. At the top, there is a horizontal row of 12 vertical slices of Jupiter, showing different cloud patterns and colors. Below this, on the left and right sides, are two larger images of the Juno spacecraft in orbit around Jupiter. The spacecraft has three large solar panel arrays and a central body. The main title is centered over the collage.

Juno - Unveiling the Mysteries of Jupiter



Jupiter





If Jupiter were the size of a beach ball, Earth would be the size of ...

A. A Bowling Ball

B. A Tennis Ball

C. A Golf Ball

D. A Marble

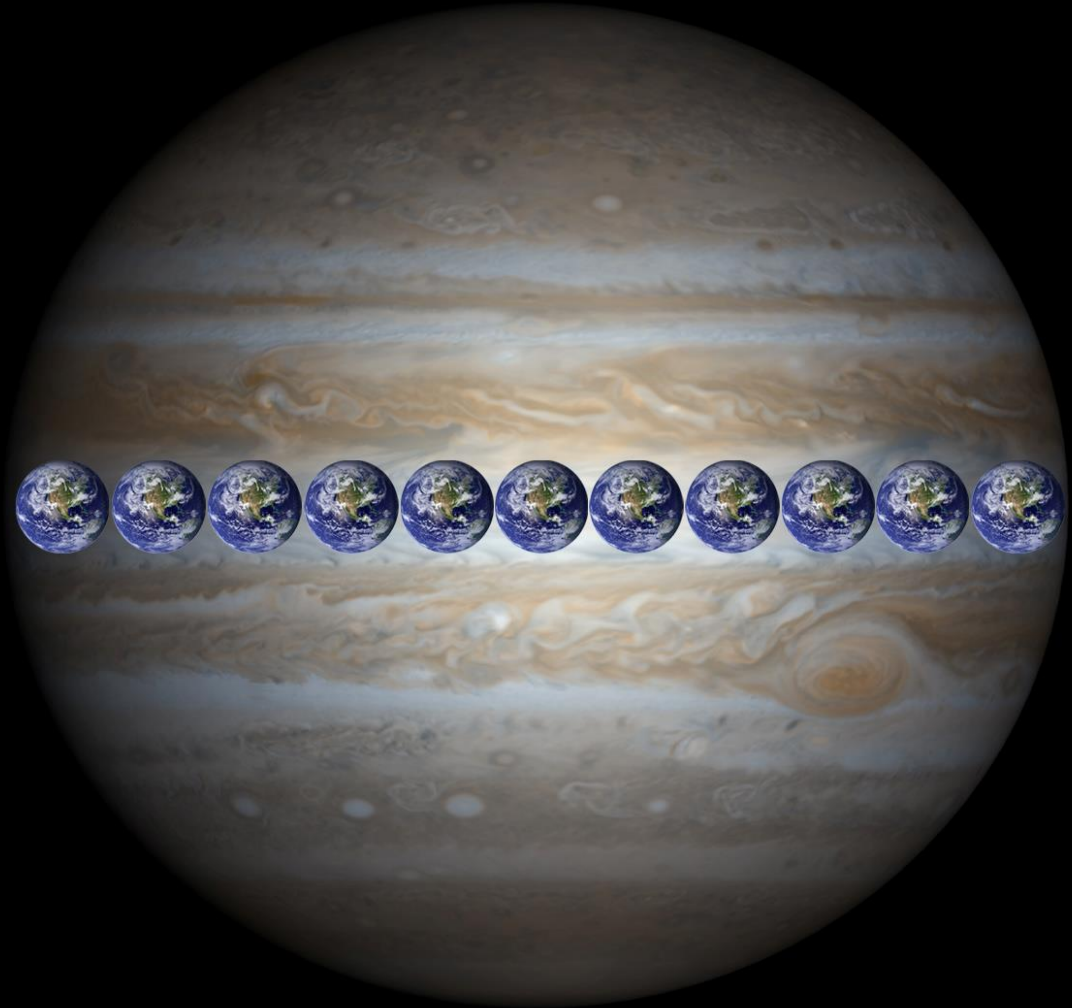
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Imagining the size of Jupiter





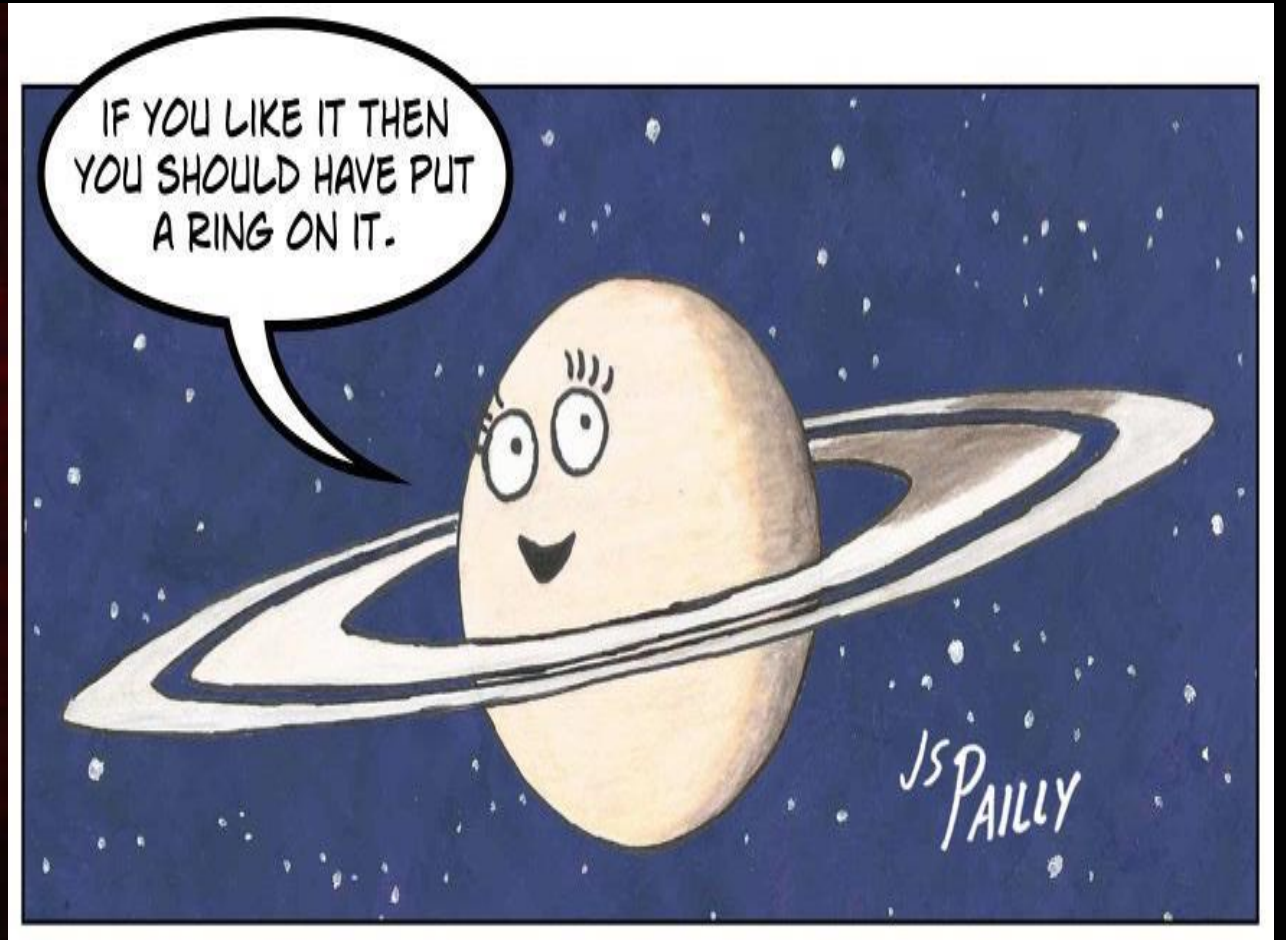
Jupiter's Orbit

12 years!!!





Rings?



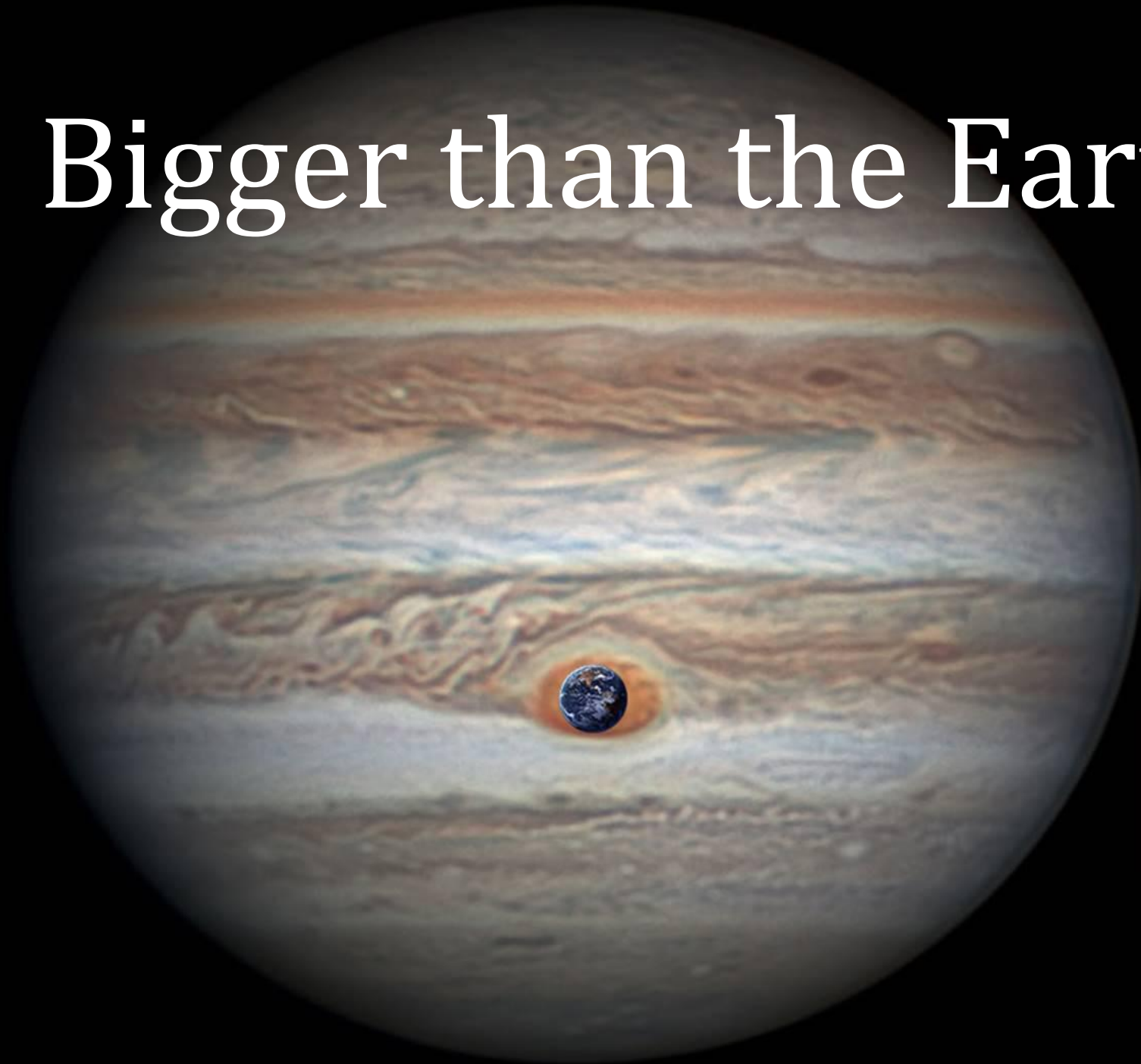
Jupiter's Storms



The Great Red Spot

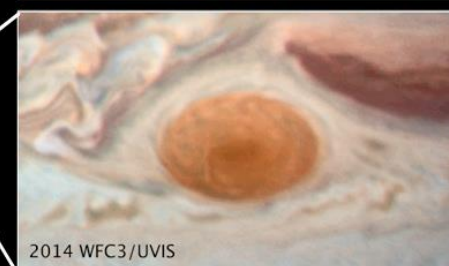
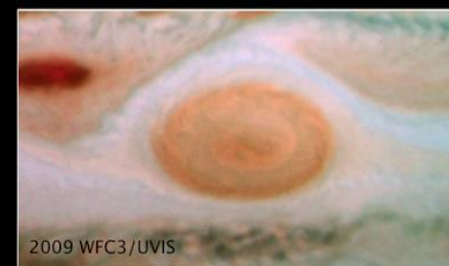
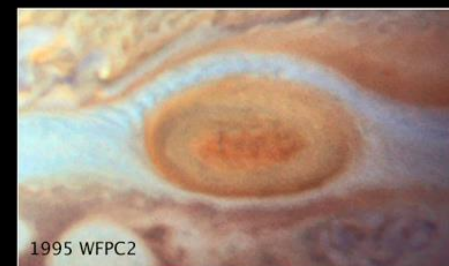
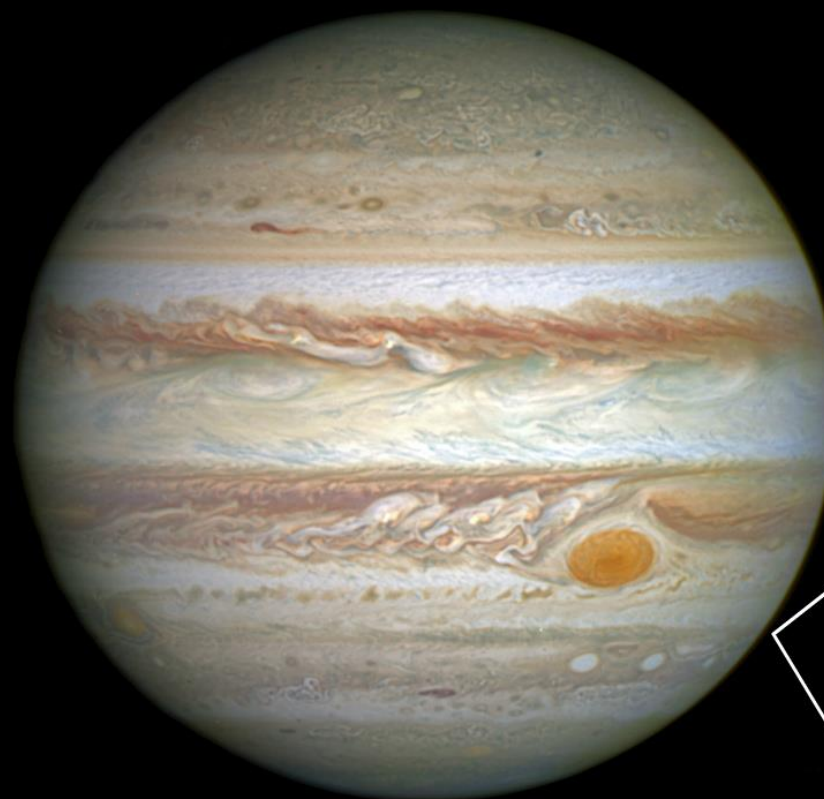
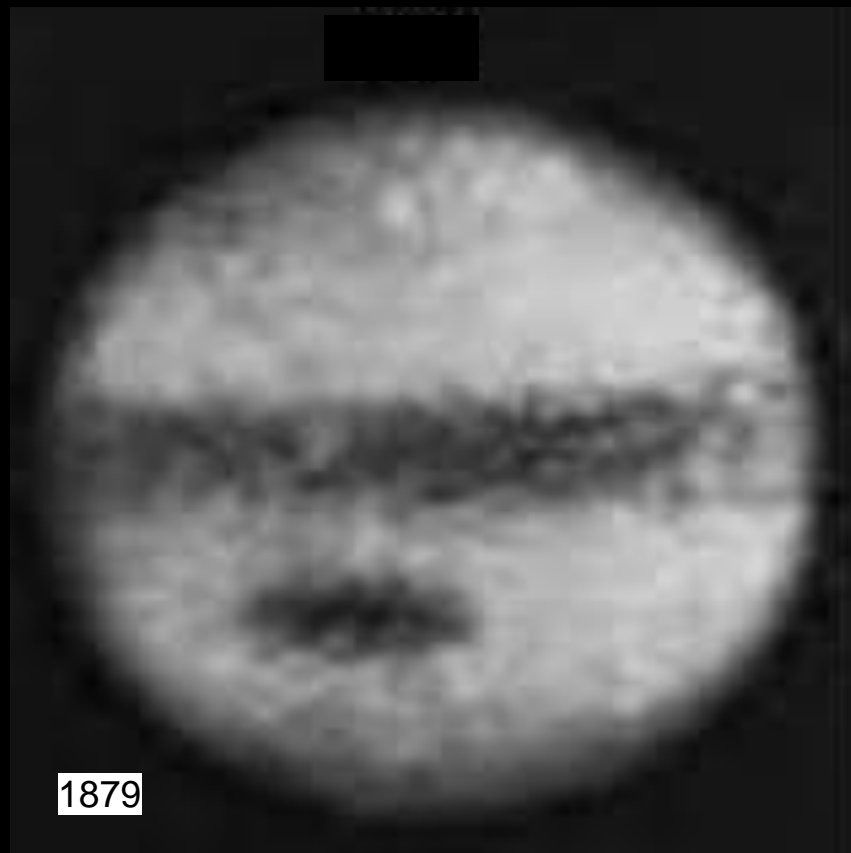
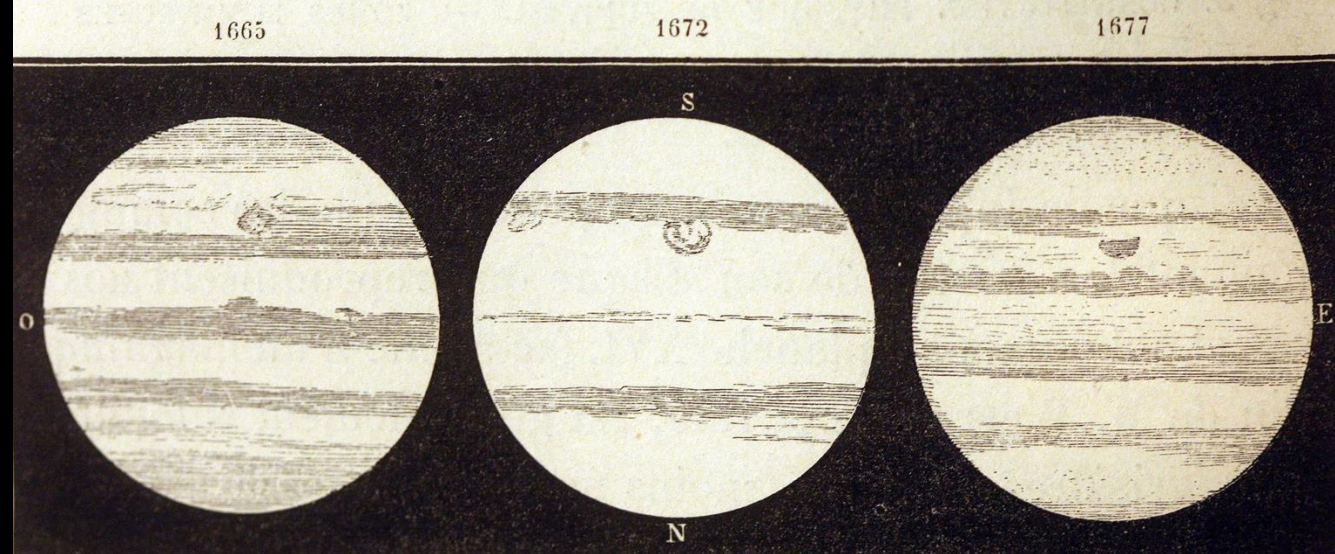


Bigger than the Earth!



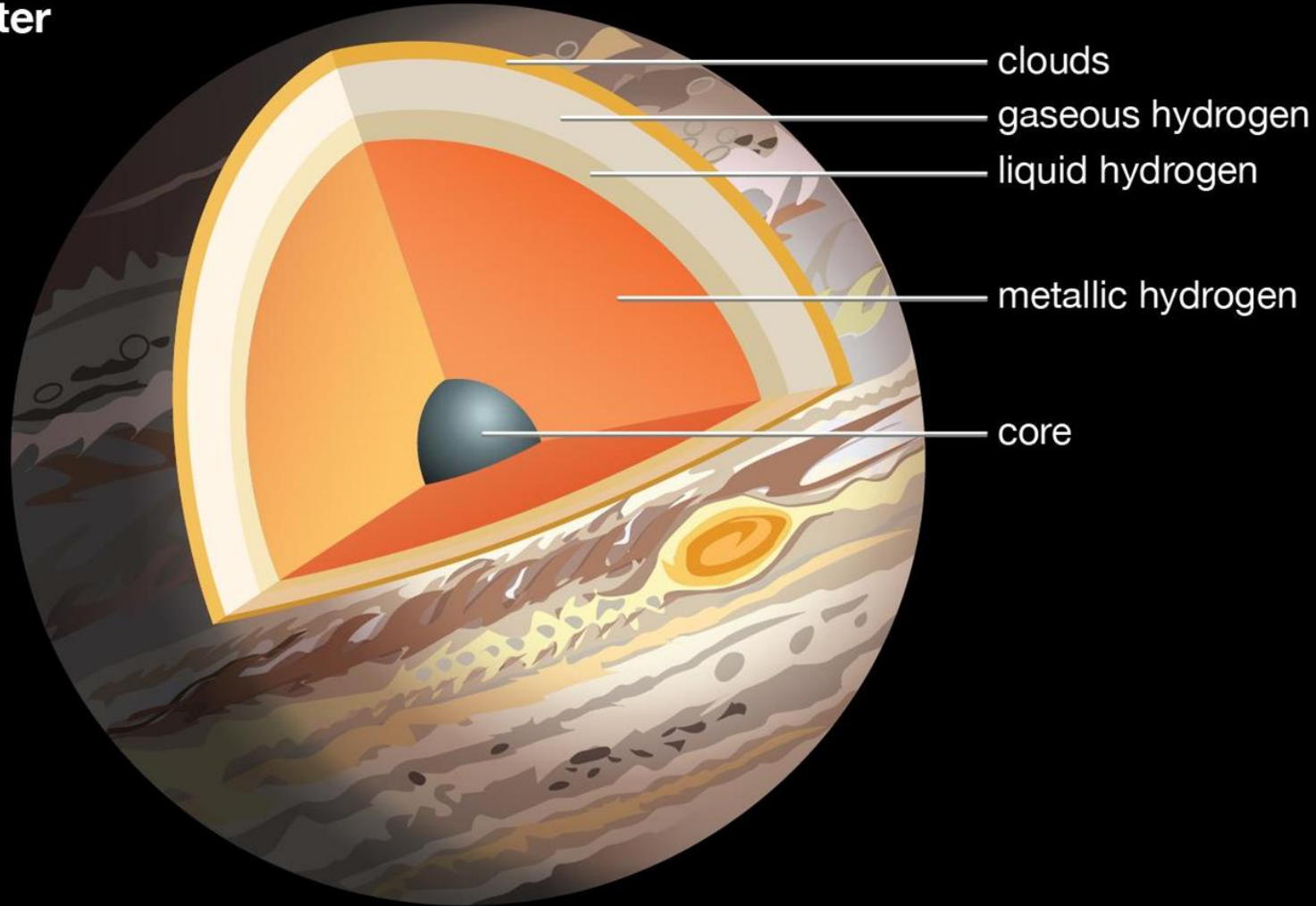






What's *inside* Jupiter???

Jupiter



GALILEO'S JUPITER: A REVELATION!



RECORD YOUR OBSERVATIONS!



How many moons does Jupiter have?

A. 4

B. 13

C. 53

D. 79

How many moons does Jupiter have?

A. 4 << Galilean Moons

B. 13 << Moons around Neptune

C. 53 << Saturn has 53 known moons

D. 79 << Correct!

Life on Europa?



Where does that heat come from?

- A. The heat from the sun is enough, even that far away
- B. Jupiter is very hot and warms up the moon
- C. Some kind of heating from inside the surface of the moon
- D. Aliens with big heaters??

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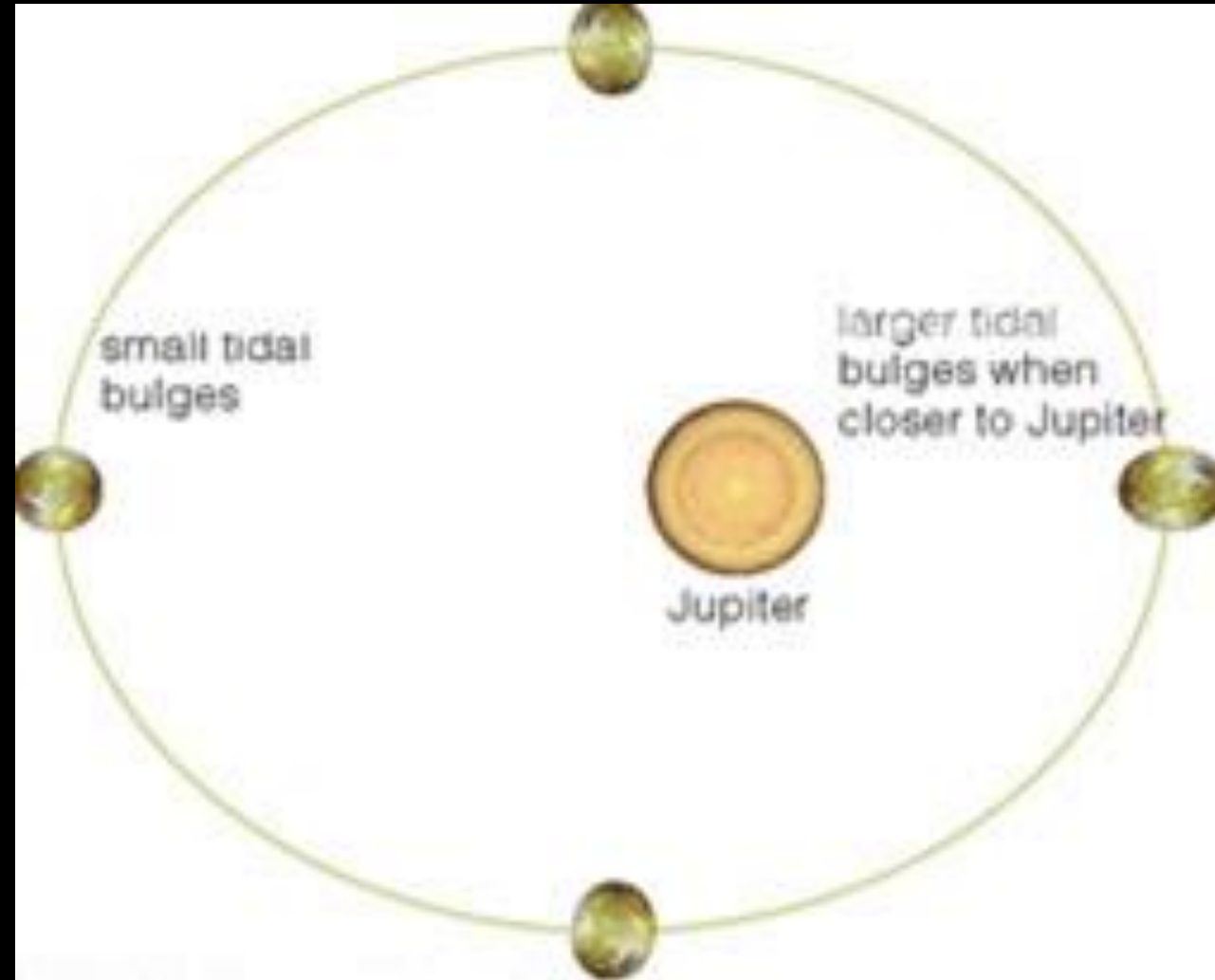
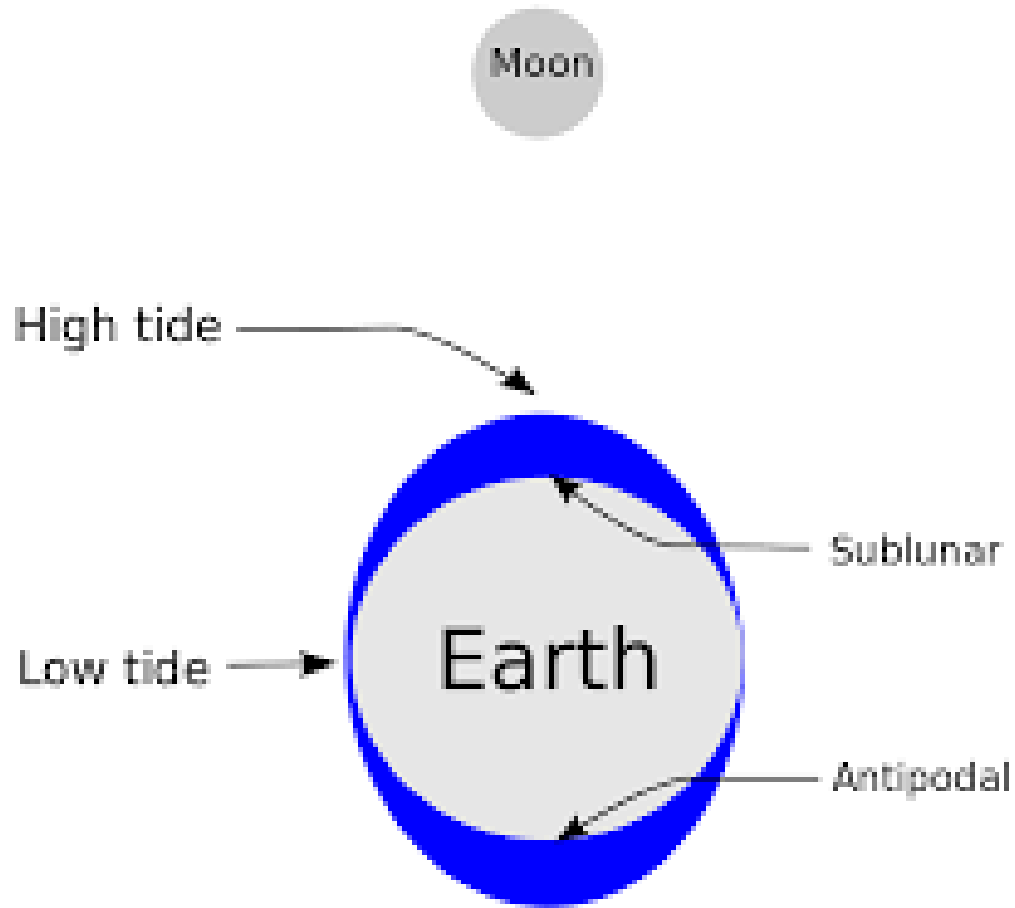
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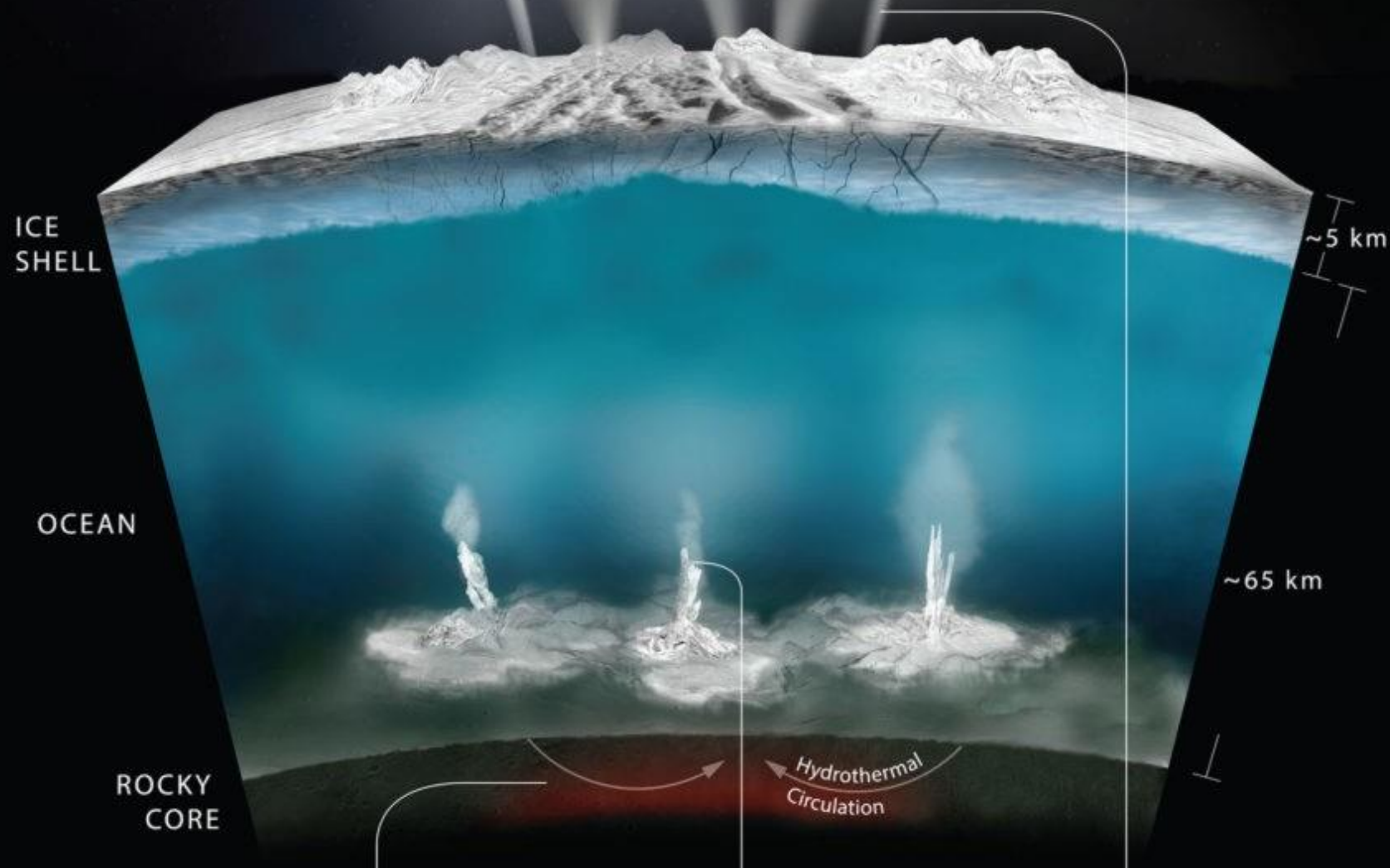
D. Aliens with big heaters??



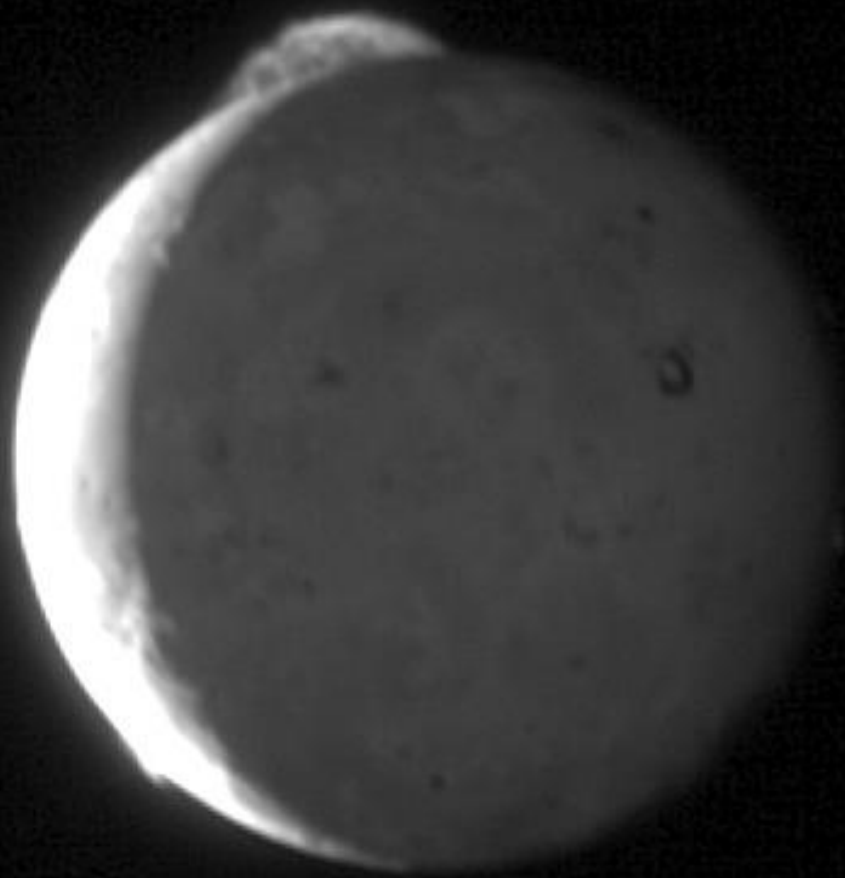
Tidal Heating



Life on Europa?



What is this?



Just what was that plume?

- A. Water getting shot into space
- B. Dust knocked up by some kind of collision
- C. A volcano shooting ash up into space
- D. Other

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Volcanos on Io



Aurora on Earth, from space



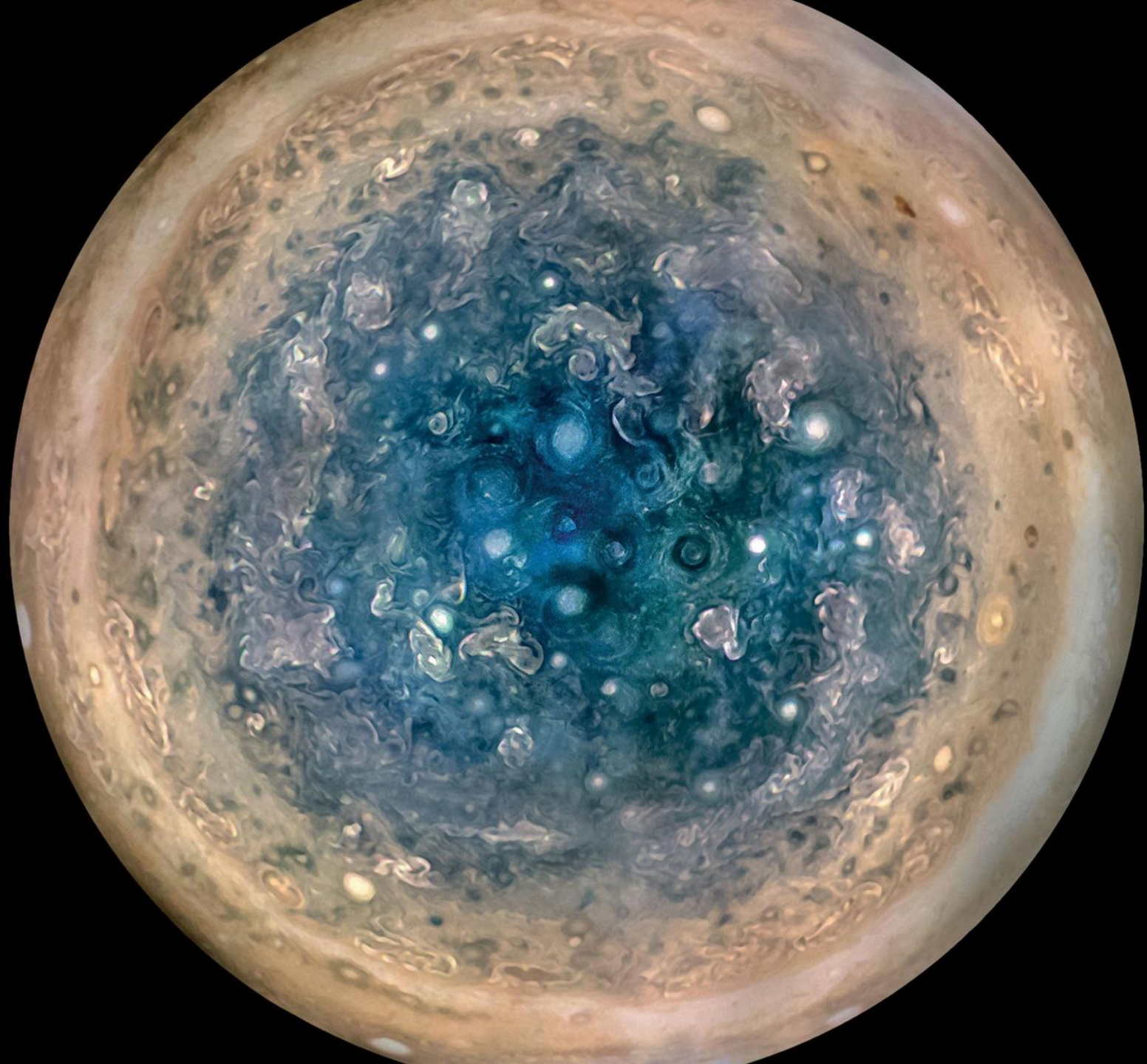


Jupiter's aurora as seen by the
Hubble Telescope

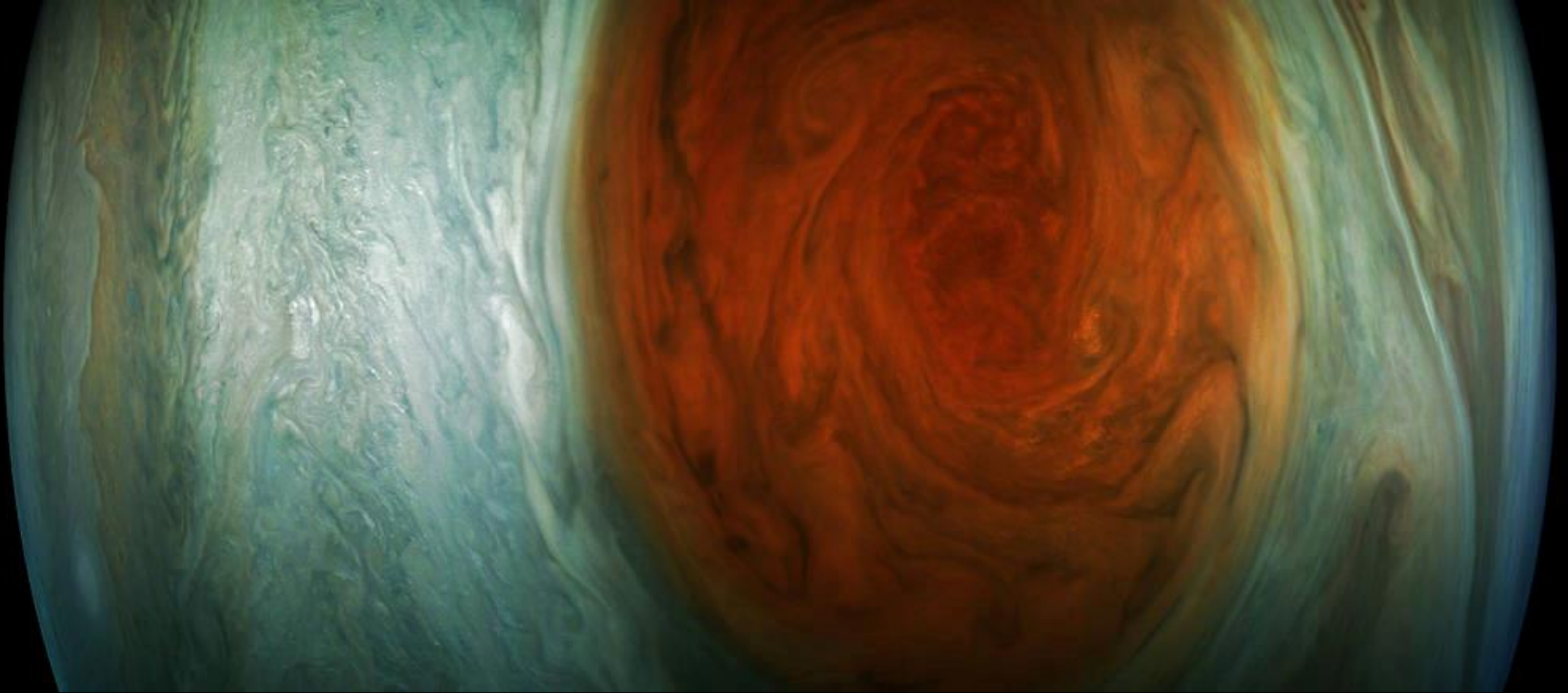
Juno!



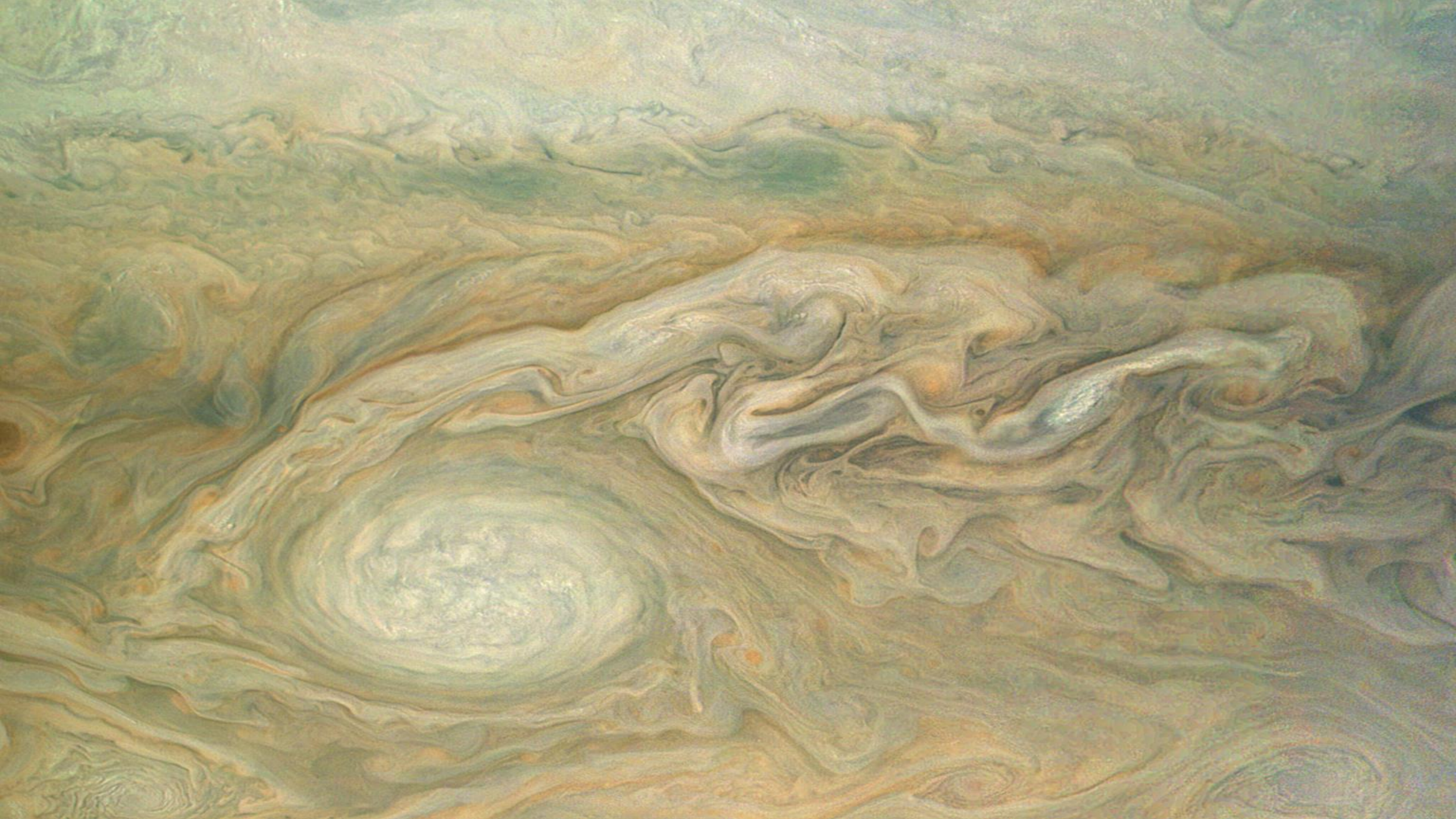




The Great Red Spot







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Juno

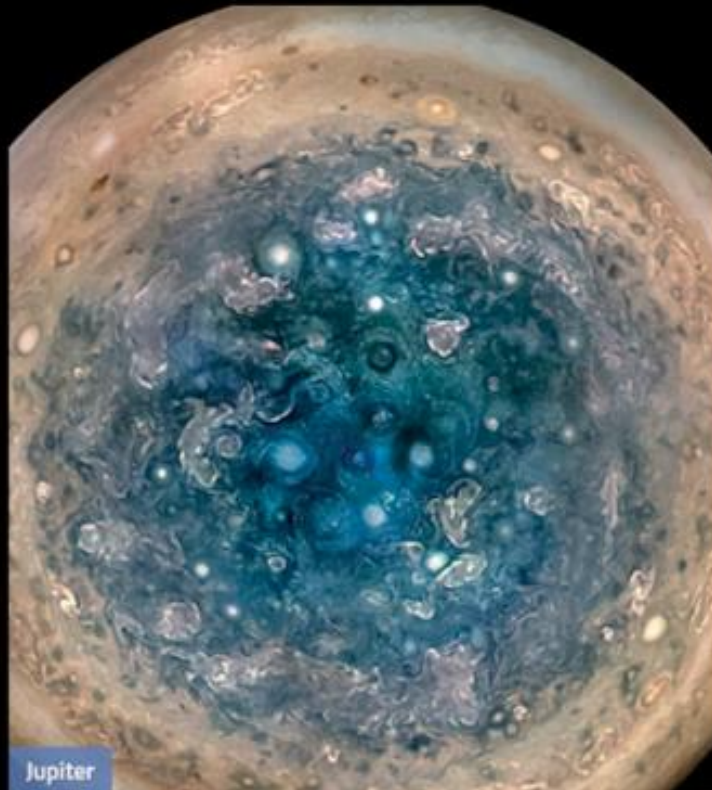
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Jupiter

A Whole New Jupiter: First Science Results from NASA's Juno Mission



Jupiter

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Jupiter

NASA's Juno Spacecraft Completes Fifth Science Pass of Jupiter



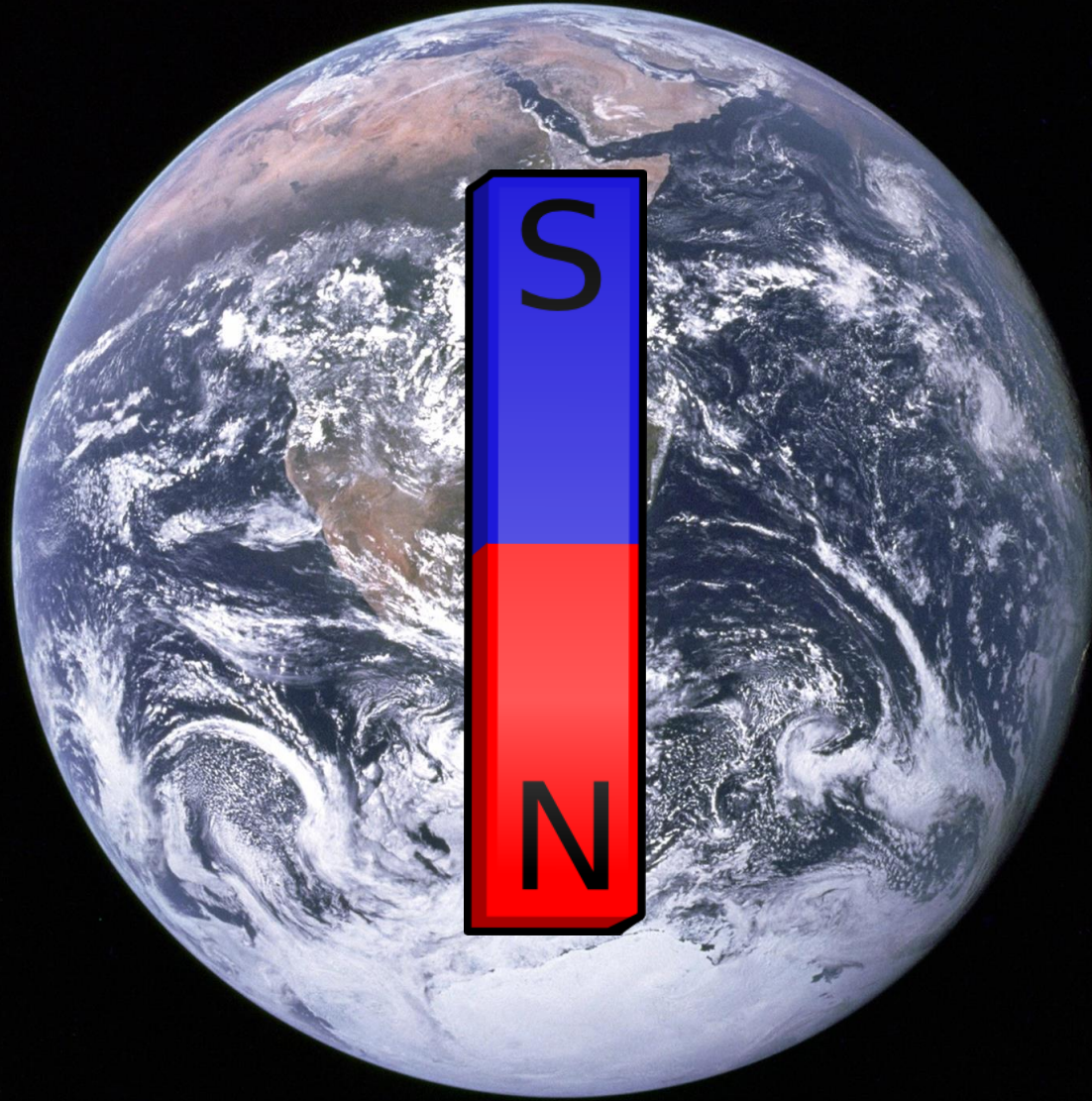
Video: Juno Mission Trailer

Secrets lie deep within Jupiter, shrouded in the solar system's strongest magnetic field and most lethal radiation belts.

[Watch video](#)

Questions
or
Extras!

Earth Has a Magnetic Field



Jupiter Has One Too!

