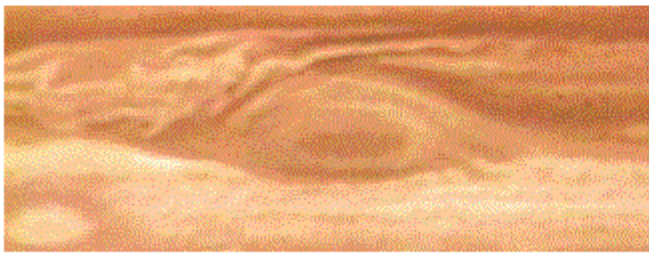
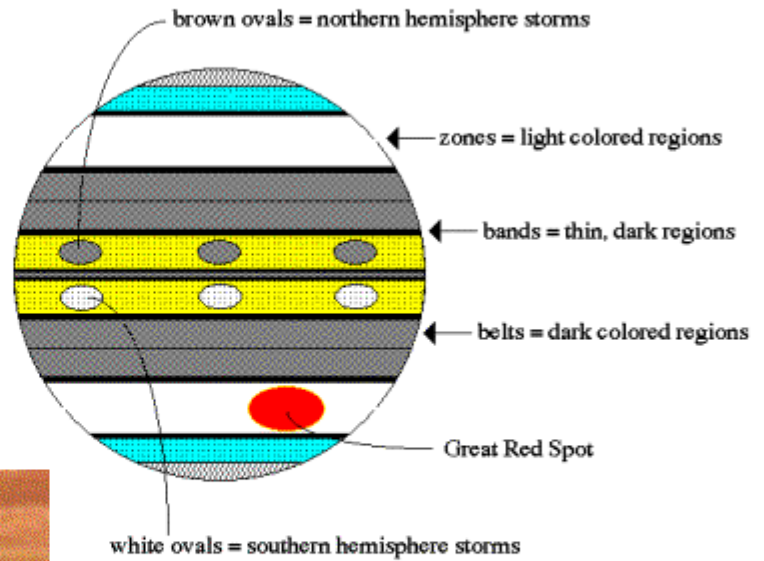


On Jupiter we also see clearly that the cloud belts contain oval structures.

These are storms; the most famous being the Great Red Spot.

This is a hurricane which has been raging for hundreds of years. It measures about 40000km by 14000km

Winds to the north and south of the Great Red Spot blow in opposite Directions; winds within the Spot blow counterclockwise, completing One revolution in about 6 days.

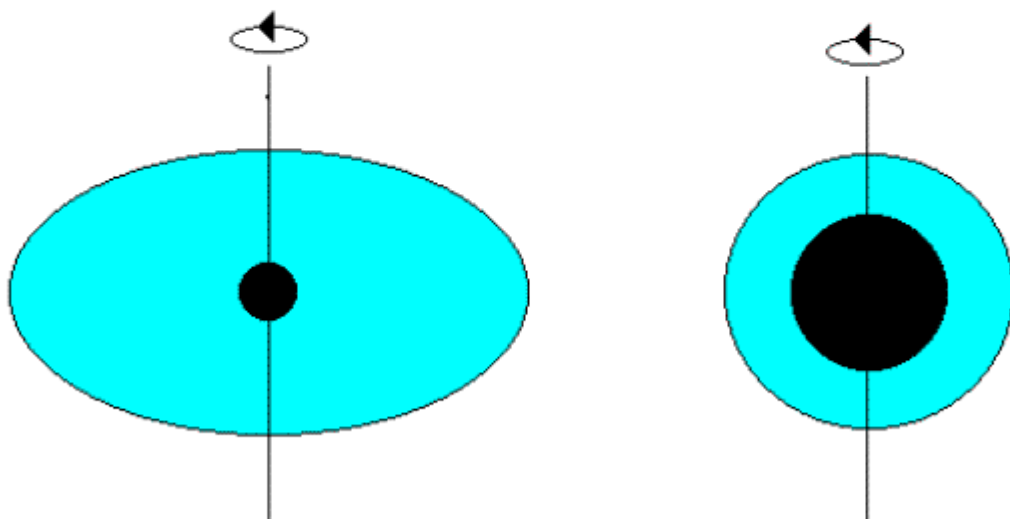


The Jovian planets are significantly flattened, or **oblate**.

The effect is most pronounced for Jupiter and Saturn, which have relatively smaller cores

e.g. for Jupiter, polar diameter = 133708km (6.5% less than equatorial diameter)

high rotation rate + fluid planetary structure = oblateness



the smaller the core of a Jovian world, the more oblate its shape