

does the rotation of Earth give us magma?

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Magma: Created by Planetary Elongation and High Rotation

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Abstract

All planets or moons that have active volcanoes with magma, such as Earth and Io, have a satellite or is a satellite. A second factor is needed for magma, a similar mass of planet and satellite. The third factor needed for planets or moons to have magma is a high rotation speed. Both Earth and Io rotate at high speeds. Earth rotates in 24 hours and Io in 1.7 days. All other satellites and planets in our solar system rotate at roughly 15 days and have zero volcano activity. See table 1.

all pictures at <http://www.kfcircuits.com/magma3.pdf>

Introduction

The old theory of where magma comes from is that there is pressure on the planet from itself. This is not possible if other planets or moons similar to Earth have no volcanoes and magma. If this were true, the planets of Mars and Venus would have active volcanoes.

Table 1: Rotation Speeds of Planets and Moons

planet or moon rotation speed – days

earth 1  
earth's moon 0  
Venus 20  
Mars (no large  
Satellites) 1.05  
Sun 25  
Mercury 58.6462  
Jupiter(no large  
Moons) .41354  
Io 1.769138

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Europa 3.55

Ganymede 7.15

Callisto 16.689

Since high rotation is needed for the creation of magma, looking at table one, it is noted that all planets of moons with low rotation speeds have zero volcanic activity. And Earth and Io have high rotation speeds giving way to volcanic activity. Mars has a satellite with a rotation speed of 1.05 days and would therefore have magma but the two moons of Mars are very small with a mass of Deimos at  $1.8 \times 10^{15}$  kg and Phobos at  $1.08 \times 10^{16}$  kg compared to the mass of Earth's Moon Luna at  $7.36 \times 10^{22}$  kg. Earth's Moon Luna would have magma if it rotated but does not rotate. Jupiter has a high rotation speed at .41354 days but does not have a moon with similar mass.

Looking a figure 1 one can see that the planet is forced to be elliptical with high rotation giving way to the Earth's crust bending with friction and creating magma.

The tides on earth have two low and two high. In the same way tides exist due to the elongation of the planet by the moon. Old faithful in Yellowstone Park has a period similar to the moon's tide but stems from the earth magma. Since the tides of Earth and magma of Earth have similarities, Earth's moon, Luna, creates both. Old Faithful has almost a daily burst to the hour. However, the Luna rotates every 27.5 days around the Earth. Therefore in days the number is  $27.5/30$  in a month of 30 days. Equal to .916 days, that is, for every Earth day, Luna rotates .916. Old Faithful is active every .916 days showing that Luna is the source of activity. As said earlier a third factor is needed, high rotation of the planet. As Earth rotates in 24 hours in the elongation of a .916 day of Luna, friction is given on the crust giving magma and energy for Old Faithful.

### Three Layers

If the planet's magma is set from elongation and high rotation, the core of the planet would be different than what is known as having a Crust, Mantle and Inner Core. The new theory would apply to the inner core as being solid not magma-like. Going to the planet's surface, the planet would have just one layer of magma near the planet's crust. See Figure 2. With the elongation and high rotation theory, the inner area of the planet is known as the Seed Core with a Magma Layer and Crust.

### Magnetic Poles

In theory if the high rotation of a planet and being with a satellite creates magma other variables must result. The magnetic force of Earth's two magnetic poles must also be from these two

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factors. As the planet rotates with a moon the planet acts as a giant turbine creating a magnetic current and two poles. In theory all planets and moons with elongation and high rotation, will have magnetic poles and planets and moons without will have none.

#### Sun's Hot Surface

It is possible in theory that if the large planets such as Uranus, Jupiter and Saturn give the Sun elongation and with the Sun's rotation at 25 days as being a high speed since the Sun's mass is large, the hot surface with solar flares maybe the result of elongation and high rotation speed. A high tide on Earth is when the Moon, the Sun and Earth line up to force the waters of the ocean at high levels. In the same way over a greater distance, the large planets of this solar system may force the Sun into elongation and create a hot surface. Earth's magma and the Sun's liquid surface maybe the result of elongation and high rotation.

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