

Re: Question, what do things do when they freeze?

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Source: <http://sci.tech-archive.net/Archive/sci.geo.geology/2007-04/msg00625.html>

- *From:* "Wille1" <wille1@xxxxxxxxxxxxx>
 - *Date:* Wed, 25 Apr 2007 08:19:07 -0700
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"Jonathan" <write@xxxxxxxxxxxxx> wrote in message
[news:gohXh.3863\\$np4.1292@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:gohXh.3863$np4.1292@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Don't they get larger?

Neil Adams animations

Animation of expanding Europa

http://www.youtube.com/watch?v=hH_5SFHXszo&mode=related&search=

Animation of expanding Ganymede

<http://www.youtube.com/watch?v=5Fsg1XJTbKA&mode=related&search=>

Animation of expanding Mars

http://www.youtube.com/watch?v=d44Jj_3gp-M&mode=related&search=

Animation of expanding earth

<http://www.youtube.com/watch?v=VjgidAICoOI&mode=related&search=>

Wikipedia section of EE theory

http://en.wikipedia.org/wiki/Expanding_earth_theory

I have difficulty with the plate tectonics for two main reasons. The first is that tectonics appears to be an incomplete view. All self organized systems are comprised of two basic processes. One would be a static process of simple, predictable change such as sea floor spreading. Combined with it's opposite chaotic attractor such as periodic catastrophic change. Plate tectonics appears to explain only the static attractor behavior, and thus seems incomplete.

I envision an evolutionary process where the crust

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hardens completely, the internal heat steadily builds up until a sudden catastrophic period of expansion occurs. And over again. Much like is thought to happen on Venus.

The second reason I have trouble with plate tectonics is the notion the earth's diameter would remain relatively unchanged throughout the course of solar system evolution. We live in a universe where nothing at all remains unchanging. Even the universal constants evolve over time. Plate tectonics as it is now seems counter intuitive.

s

You really need to read a good book like "Igneous and Metamorphic Petrology", by Turner and Verhoogen or even better yet ,Any beginning geology text to get a handle on current thinking. I suggest "The Interior of the Earth" by H.P. Bott for starters. (He addresses the issues of EE as well.) You are side tracking. Will E.