

Re: suppose there was an earth sized watermelon?

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Scott Robinson <dscotr@bellatlantic.net> wrote in message
news:<b1a7q0pemprtgV0a1529toCbe73475ri0d@4ax.com>...

>

> *That's the whole point. Stretch an egg out to the size of a planet*

> *and it's essentially flat. Far worse than the sides of the egg.*

>

We are confusing two things, impact strength and strength with respect to uniform force. For resistance to uneven force the flat surface is weaker. But for resistance to uniform force an infinitely large flat surface should be strong. The force of gravity is constant and always perpendicular to the surface, and there is no weakest point. There is no center to sag and collapse.

Look at a surf board. They are very light and strong, and the skin is quite thin. With the foam interior they are rather like a watermelon.

> >

> > *And you have extensive experience with hen's eggs the size of a planet?*

> >

No, but I have 15 years of melon planet experience. Mostly Cannonballs, a few cantelopes and an experimental gourd project. Hen's eggs are 28th century.

> *A water planet would be hot at the center.*

I'm inclined to believe it, but then why does the ocean get colder as one descends, while earth grows hotter?