

Re: AHH, Shouldn't we panic about the ASTEROID coming near Earth tomorrow??

Re: AHH, Shouldn't we panic about the ASTEROID coming near Earth tomorrow??

Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2006-07/msg00421.html>

- *From:* "PD" <TheDraperFamily@xxxxxxxxxx>
 - *Date:* 4 Jul 2006 06:24:16 -0700
-

guskz@xxxxxxxxxxxx wrote:

PD wrote:

guskz@xxxxxxxxxxxx wrote:

http://www.whatistheword.com/story/SciTech_895.html

They say there is nothing to fear since the Asteroid (1/2 mile wide) will be passing around NOON (Eastern time) at 1.1 the distance from Earth to the Moon on July 3....

.....call me CRAZY ***would*** we be WORRIED if it came at 0.1 distance (instead of 1.1) from the Earth??

But it won't.

The distance from Dallas, TX to El Paso, TX is 570 miles.
The distance from Dallas, TX to Lincoln, NE is 555 miles.

This does not mean that Lincoln NE is 15 miles from El Paso TX.

Do you see the connection?

They say the Asteroid is traveling at 8 moon distance per hour but either way, I presume the Moon which takes 1 month to orbit the Earth is probably on the opposite side of the Earth during the asteroid's trajectory....

Either way, that's too close for my comfort!!! (especially when gravity vs velocity is involved)

Re: AHH, Shouldn't we panic about the ASTEROID coming near Earth tomorrow??

Re: AHH, Shouldn't we panic about the ASTEROID coming near Earth tomorrow??

Don't be concerned. You can consider it in comparison with the moon's effect on the earth, which does little but raise the oceans by a couple of feet (tides).

Now, if the asteroid passes on the opposite side of the Earth from the moon's orbit, it's effect on the moon would be comparatively 1/4th as big, if the asteroid were the same size as the moon. But it is not the same size as the moon. It appears to be at least a billion times smaller. So its effect on the moon would be a billion times smaller than the moon's effect on the earth, which ain't much.

PD

Why you ask? Because that's the asteroids distance from the Moon,
therefore