

Re: Fair orbital question

Source: <http://sci.tech-archive.net/Archive/sci.physics/2008-06/msg01184.html>

- *From:* oriel36 <geraldkelleher@xxxxxxxxxx>
 - *Date:* Tue, 10 Jun 2008 11:22:33 -0700 (PDT)
-

On Jun 10, 7:53 pm, "Greg Neill" <gneill...@xxxxxxxxxxxxxxxxxx> wrote:

"Spaceman" <space...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

news:EdKdnb_WO_pVJdPVnZ2dnUVZ_rLinZ2d@xxxxxxxxxx

"Greg Neill" <gneill...@xxxxxxxxxxxxxxxxxx> wrote in message
[news:484eb10f\\$0\\$25318\\$9a6e19ea@xxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:484eb10f$0$25318$9a6e19ea@xxxxxxxxxxxxxxxxxxxxxxxxxx)

That's silly. Think about it. If the seasonal change is uniform, then you'll be swapping same for same, with no resulting difference.

No swapping is necessary for seasonal change Greg, even with no tilt, Earth would still have seasons, but without the elliptical orbit, Earth would not.

Well, that's true enough. But they would be just

about opposite to what we have now (hottest during our winter and coolest during our summer), and the size of the variation would be miniscule, maybe a couple of degrees average variation over the year for a given location.

the tilt does "enhance it", but it is not the cause".
the orbit is the cause, the tilt is the enhancement.

Nope. The major component of the seasons is caused

Re: Fair orbital question

by the tilt. Do the energy balance calculation, James.

'Tilt' is nothing more than axial rotation, if there were no axial rotation there would be no 'tilt' therefore axial 'tilt' is not a thing in itself. In fact, the more accurate term is rotational orientation, the fact that the Earth spins, points in one direction in space and causes day and night covers the limits of axial rotation but somehow you give it a magic property to cause seasonal variations in daylight/darkness.

The real point of this thread is what action causes the seasonal differences in daylight and darkness, you say 'tilt' and the real answer is a separate motion attached to the orbital motion of the Earth, a simple 360 degree motion a location has as it swings around the central Sun.

I am delighted to see you place so much on 'tilt' but that is as far as it goes

Incorrect. The length of daylight hours and angle of incidence of the sun's rays at any given place on the planet is an effect of the tilt.

nope,
that is the effect for the seasonal swap.
not the seasons themselves.
again, you need to remove the dang tilt and think

Re: Fair orbital question

instead of just a "read only memory" use.

I've done both, James. That's what comes of reading to understand rather than to entertain.

LOL

You have not checked it out enough without reading Greg.

LOL

Without the elliptical orbit the seasons would be gone even with the tilt left.

Well, you're definitely wrong on this point, as the calculations would show you. That you are of a fixed mindset regarding it only highlights your characteristic denial of inconvenient (to you) facts.

Hey James, why do suppose it is that people using photovoltaic cells to produce electricity take care to aim their solar panels so that they are perpendicular to the Sun's rays?– Hide quoted text –

– Show quoted text –