

Re: Lunar Illusion

Source: <http://sci.tech--archive.net/Archive/sci.astro/2005-06/msg00190.html>

- *From:* "Jeff R" <contact.me@xxxxxxx>
 - *Date:* Sat, 25 Jun 2005 11:44:11 +1000
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"imipak" <imipak@xxxxxxxxx> wrote in message
news:1119662924.626668.201770@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

- > The illusion of the moon being larger, when close to the horizon, is
- > well-known and well-documented. Explanations are varied and range from
- > a page or so of text to entire books. Ptolemy's explanation of the
- > illusion was that there is a frame of reference near the ground and not
- > in the sky. This explanation is generally held to be the most likely.
- >
- > The illusion does NOT occur if you close one eye, and also does NOT
- > occur when using a conventional modern camera.
- >
- > This, however, does NOT answer the question of whether the effect
- > exists when using a stereoscopic camera. These have existed since
- > Victorian times, so somebody has presumably taken a picture of this
- > kind. Does anyone know whether the illusion shows up in this case?

Not sure I understand your reasoning here.
(I've taken lots of stereo pairs, so I understand *them* !)

The effect is a naked-eye effect.

If reproduced photographically, then the "size" of the moon is dependant on focal length, enlargement etc etc; i.e. it is dependant on the reproduced image size.

Are you suggesting that a stereograph will reproduce the image scale of the moon larger than a simple single photo? ...or that the combination of the two images will tend to "enlarge" them?

Sorry.
I'm not making myself clear.

My question:
How could a stereograph perpetuate this illusion?

--
Jeff R.

- *Follow-Ups:*
 - ◆ **Re: Lunar Illusion**
 - ◇ *From:* imipak

- *References:*
 - ◆ **Lunar Illusion**
 - ◇ *From:* imipak

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