

3D Lunar transformation *on Titan*?

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In article <5IydnRtlF6WeEybcRVn-vQ@comcast.com>,

Paul Hyndman <nospam@me> wrote:

>Aloha!

>

>I was quite intrigued with a unique process J. -P. Metsavainio shared in
>this month's Sky and Telescope... lunar reprojction! Simply stated, an
>image of the moon is plonked onto a sphere which can be rotated to unfurl
>the details held in the limbs.

Have you tried doing this with the raw images just coming in from Cassini at Titan?

<http://www.chiark.greenend.org.uk/~twomack/titan/tipics.zip>

contains my hastily-processed versions of three shots [two before and one after closest approach]; this is a view south-east (I think; I'm not sure where the North Pole and the Equator are on Titan) of the 'bay' region that was visible on the 26th October images. I think if you remap those onto a sphere and rotate, you'll be getting the best available views of bits of the solar system hitherto invisible.

OK, the haze gets worse near the horizon, but there's certainly another figure-eight-shaped complex of dark surfaces coming into view.

Tom