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Subject: map all-sky image

Posted by [knielsen](#) on Wed, 08 Jan 2003 16:26:38 GMT

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Hi,

I have an all-sky image (180 degree FOV using equidistant projection to image onto the image plane) which I want to map to an altitude of app. 85 km.

Is there any function in IDL that can do that ??

Thanks,  
Kim

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Subject: Re: map all-sky image

Posted by [R.G. Stockwell](#) on Thu, 09 Jan 2003 21:33:04 GMT

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Kim Nielsen wrote:

> Hi,  
>  
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> to image onto the image plane) which I want to map to an altitude of  
> app. 85 km.  
> Is there any function in IDL that can do that ??  
>  
> Thanks,  
> Kim  
>

Hi Kim,  
this may sound like a strange response,  
but go ask Prof. Mike Taylor at your university.  
(or did he assign this to you?)  
He has done the flat fielding of OH infrared all sky images,  
on the off chance that this is what you are asking about.

Cheers,  
bob stockwell

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Subject: Re: map all-sky image

Posted by [knielsen](#) on Fri, 10 Jan 2003 03:20:28 GMT

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"R.G. Stockwell" <sorry@noemail.now> wrote in message  
news:<3E1DEA90.9050505@noemail.now>...

> Kim Nielsen wrote:

>

>> Hi,

>>

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>> Thanks,

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> Hi Kim,

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> (or did he assign this to you?)

> He has done the flat fielding of OH infrared all sky images,

> on the off chance that this is what you are asking about.

>

> Cheers,

> bob stockwell

Thanks,

I just came over some old images and wanted to play around with them.

Mike is actually my advisor so I will go and ask him :)

Kim

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Subject: Re: map all-sky image

Posted by [R.G. Stockwell](#) on Fri, 10 Jan 2003 13:29:53 GMT

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Kim Nielsen wrote:

...

>

> Thanks,

> I just came over some old images and wanted to play around with them.

> Mike is actually my advisor so I will go and ask him :)

>

> Kim

>

I have not done flat fielding, so unfortunately I can't give you code for that. But if you want to just play around, perhaps you can select a subset of the image near zenith, and ignore the flat fielding (should be ok for the middle ~15 or 20 degrees). Or just assume the ground and the oh layer are parallel, and do the simple trig to project the image. Good luck!

Cheers,  
bob stockwell

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