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Subject: Re: map\_image and latmin/latmax, lonmin/lonmax - edges or centres?  
Posted by [Andy Sayer](#) on Thu, 26 Sep 2013 17:11:15 GMT

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Right, I agree in principle, but sometimes you want to take images from different sources and warp them to a common map projection to make a direct comparison. And if there is a map\_image function in IDL, one would hope that it would work in a manner similar to intuition and/or the documentation.

Andy

On Thursday, September 26, 2013 1:08:00 PM UTC-4, David Fanning wrote:

> David Fanning writes:

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>

>> I think that is what is happening here. The five values of our image are

>

>> analogous to the locations of five vertical lines that we are using to

>

>> "separate" the colors. We can only separate them into four colors with

>

>> five lines. So, I think this is just the way interpolation works.

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>

>

> This is one reason, of course, why most people who work with images and

>

> map projections would NEVER think of using Map\_Proj\_Image or Map\_Image,

>

> either. Interpolation fools around with your very hard to acquire and

>

> expensive image pixel values.

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> It makes MUCH more sense to associate a map projection with the image

>

> itself. In other words, leave the image alone, and just associate the

>

> map projection with the image. This allows you to annotate the image

>

> with map information without actually changing the shape or pixel values

>

> of the image itself.

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> Cheers,  
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>  
>  
> David  
>  
> --  
>  
> David Fanning, Ph.D.  
>  
> Fanning Software Consulting, Inc.  
>  
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
>  
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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