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Subject: Re: contour over a map and 180 degrees off or problems with dateline  
Posted by [David Fanning](#) on Wed, 02 May 2007 18:07:37 GMT  
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teich@atmsci.msrc.sunysb.edu writes:

> I want to contour data on a map projection and have something like  
> this:  
>  
> field=fltarr(72,46)  
> lon=fltarr(72)  
> lat=fltarr(46)  
>  
> My lon array is indexed from -177.5 to +177.5. My lat array is  
> indexed from -89.0, -86.0, ..., +86.0, +89.0.  
>  
> After mapset (using default map and centered at 0,0), I do  
> contour,field,lon,lat. What I get is displaced by 180 degrees. If I  
> change my lon to go from 0.25 to 357.5, then the map looks correct,  
> but the contours do not connect at the dateline.  
>  
> Can anyone help with this?

Can we see the commands you are using to display the map  
projection and the contour?

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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