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Subject: Re: Satellite projection contour plots

Posted by [David Fanning](#) on Wed, 30 Mar 2011 16:37:21 GMT

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Matt writes:

> I'm trying to create a few contour plots on a satellite map  
> projection. Mostly they look great, but from some viewing angles (the  
> lon/lat that the 'satellite' is over), there seems to be some strange  
> artifacts in my eps and png output. For example, I've put a plot up  
> here (<http://dl.dropbox.com/u/13779929/h00200.png>) which looks good in  
> the tropics, but goes a little crazy at the high-latitudes.

This might be the best you can do these older graphics  
commands. They often go a little crazy at high latitudes,  
where the math jumbles up at the singularity of the pole.  
I'll be interested to see if the new IDL 8 mapping functions  
are any better at this.

I note that there is a seminar on this topic at the  
IDL user group meeting in Washington, D.C. in a couple  
of weeks. I'll see if I can take some notes.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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