Subject: Re: map projections webinar Posted by David Fanning on Wed, 19 Oct 2011 08:38:11 GMT

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David Fanning writes:

- > Mark's files are probably not complete yet, but I noticed
- > one map projection task conspicuously missing. I would say
- > more than half the time when I am working with map projections
- > I have an image that has already been projected. What I want
- > to do is set up a map data coordinate space that is
- > coincident with the image, so I can draw continental
- > outlines, grid lines, station plots, etc. I am thinking,
- > for example, of any geoTiff image that I might download.

>

- > If Mark wanted to take this on for his webinar, here
- > is an appropriate image.

>

http://www.idlcoyote.com/misc/AF03sep15b.n16-VIg.tif.gz

>

- > I would be particularly interested in how to set up the
- > map data coordinate space for this image in function
- > graphics, for example. I've been able to create such
- > a coordinate system and display the image. But all goes
- > to hell when I resize the window. :-(

I made an attempt at this tonight, as sleep still eludes me. :-(

I put the Coyote Graphics file here:

http://www.idlcoyote.com/misc/cg_geotiff_image.pro

And I put an attempt at a Function Graphics file here:

http://www.idlcoyote.com/misc/ng_geotiff_image.pro

I cannot size the image appropriately, or even leave room in the window for the title. If someone could make it work, I would be *extremely* grateful. :-)

Going to bed now. :-)

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.")