
Subject: Re: map_proj_* help

Posted by [David Fanning](#) on Mon, 08 Jun 2009 02:45:19 GMT

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Ken Mankoff writes:

- > Google Earth 5.x now supports defining the corners of an image
- > overlay, not just the edges. Still, it does not line up, presumably
- > because this is Polar Stereographic and Google Earth expects
- > Equirectangular. My attempts to warp this using map_proj_* got
- > nowhere. I've successfully warped a similar image when the 4 middle-of-
- > edge points were defined, along with a scale of 250 m/pixel.

I have never been particularly successful warping images from one projection to another with IDL. At NSIDC we use a program called mapx to do the warping. It is a UNIX-only piece of software, hard to install (although freely available), poorly documented, and it works great after the resident expert shows you how it works a half-dozen times or so.

But I recommend you go look up Frank Warmerdam and FWTools. Frank and others have written a suite of tools that do just about everything it is possible to do with maps and map projections. GDAL is what you are looking for to do image warping.

<http://fwtools.maptools.org/>

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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