Subject: Re: Help needed in remapping data using IDL
Posted by David Fanning on Wed, 05 May 2010 12:50:35 GMT

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kaba writes:

>
> Hello Guys, I am relative a new IDL programer who would appreciate
> some help in how to remap a sample data from satellite projection to
> Lambert Conformal.
>
> Here are the detail of What I have done so far:
> ...
>
> When I plot this using on a window, the map projection looks right but
> the data does not seem to be remapped correctly.
> This is my first time using map_proj_init and map_pro_image. Please
> help.

It seems natural to want to work with latitude and
longitude coordinates when you are working with map
projections, but resist that thought! To do this kind
of reprojection properly, you want to be in XY space.
(IDL sometimes calls this UV space, but in any case
it is a rectangular space where things make a lot of
sense, as opposed to, say, lat/lon space where they
don't.)

Have a look at this article for additional information:

   http://www.dfanning.com/map_tips/warpimage.html

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.")