Subject: Re: new graphics map coords Posted by Paul[3] on Tue, 01 Feb 2011 21:53:26 GMT

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On Jan 31, 12:57 pm, Chris Torrence <gorth...@gmail.com> wrote:

> On Jan 28, 5:10 pm, Paul <paulsta...@gmail.com> wrote:

>

- >> I wish to contour some global data in a Robinson projection, and then
- >> put a zonal mean plot of the same data to the right of the Robinson
- >> projection. However, the Robinson projection distorts latitudinally,
- >> so the zonal mean curves aren't quite lined up with the corresponding
- >> features on the Robinson projection.
- >> Is there a way to have my zonal mean plot for each projection have the
- >> same vertical coordinates as the Robinson projection so that the two
- >> are directly comparable side-by-side? (I've tried using the
- >> CONVERTCOORD method...)

- > Hi Paul,
- > In IDL 8.1 you will be able to plot onto a map projection using the
- > Plot() function, and it will warp the plot data to that projection.
- > For right now, you might try added a new map projection next to your
- > existing map, and then using the Polyline() function to plot the
- > actual points. However, I'm not sure how you would add the Axis...
- > -Chris
- > ITTVIS

Thanks, Chris. You folks there at ITT are great. Clever workaround with the polyline. I'll see if I can do that w/o warping it horizontally.