Subject: Re: Using map projections to display images Posted by davidf on Tue, 25 Aug 1998 07:00:00 GMT

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Sean Rumelhart (seanr@possys.com) writes:

- > I'm trying to take digital air photo data with a known ground sample distance
- > resolution and a single georeference point (taken from a GPS receiver) and
- > display it in an arbitrary map projection. I have looked at the documentation
- > for MAP SET, MAP IMAGE, and MAP PATCH. Using the example provided in the
- > documentation of MAP PATCH, I have managed to get the image to come up in the
- > right projection, but I am unsure how to keep the resolution of the image the
- > same.

IDL just doesn't have the capability to display an arbitrary map projection on an image. You must do the opposite and display an image on an arbitrary map projection. Thus, it is VERY likely that the "resolution" of your image is going to change. Just no way around it at the moment, I'm afraid, although I do hear from several people a month who would like to see this kind of functionality.

> Sean P. Rumelhart Positive Systems, Inc.

> seanr@possys.com 250 Second St. East

> PH: 406.862.7745 Whitefish MT 59937 ^^^^^

Is it just my imagination, or is IDL showing up everywhere?! Whitefish, Montana is in the heart of God's Country, for goodness sake. Can you imagine sitting on the deck writing IDL programs with Glacier National Park looming up behind you. If there is a clearer vision of heaven on earth, I can't imagine what it would be. I'll be taking some time off from this newsgroup while I relocate. :-)

Cheers.

David