
Subject: Re: Error in georeferencing using map_patch?

Posted by [Chris Lee](#) on Fri, 19 Dec 2003 10:31:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <ed54c901.0312181110.753ca81f@posting.google.com>, "Will McCarty" <willmccarty@knology.net> wrote:

> I'm working with a 30x90 array that is basically representative of a
> 50km satellite footprint. In displaying the image, I noticed that they
> seem to be slightly off (coastlines apparent in the image, for example,
> don't line up with coastlines mapped by IDL). I'm trying to figure out
> a simple answer, though. I'm sure my code is correct, so I'm not too
> worried about that. I'm just curious, since I'm applying a small array
> to a large area (the image corresponds to, basically, a very large
> meridional portion of north america), how the map_patch program handles
> the referencing of each point to a given latitude and longitude. The
> given lat and lon correspond to the center of the pixel. Is this how
> map_patch applies it? I'm basically trying to figure out if it is an
> error in idl or in the georeferencing of the data? Lets see what else.
> I'm using a lambert projection. Georeferencing was not done by me, but
> came with the dataset. Thanks for some insight.
> Will

Try getting IDL to plot a few points near some other known locations, on the equator say, or the southern tips of Africa and South America, find out what the georeferences of the coastline should be from a map.

(The answer to your question is "I don't know" :)

Chris.
