
Subject: Error in georeferencing using map_patch?
Posted by [willmccarty](#) on Thu, 18 Dec 2003 19:10:16 GMT
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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

Subject: Re: Error in georeferencing using map_patch?
Posted by [Chris Lee](#) on Fri, 19 Dec 2003 10:31:48 GMT
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In article <ed54c901.0312181110.753ca81f@posting.google.com>, "Will McCarty" <willmccarty@knology.net> wrote:

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> 50km satellite footprint. In displaying the image, I noticed that they
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> 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.
