Subject: Re: plot irregularly gridded map data Posted by davidf on Wed, 04 Aug 1999 07:00:00 GMT

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Tom Spisz SRM (tom.spisz@jhuapl.edu) writes:

- > I have an irregularly gridded latitude/longitude data set. Although the
- > data is in a polar (radius, azimuth) format like a radar swath, I have
- > the exact lat/lon position for each point. I cannot plot the data using
- > map image because that requires a regular grid. I used map patch
- > successfully on small portions of the data. Unfortunately, any attempts
- > to plot larger portions of the data using map patch result in the error:

>

- % TRIANGULATE: Points are co-linear, no solution.
- > % Error occurred at: MAP_PATCH 181
- /usr/local/rsi/idl_5.2/lib/map_patch.pro

>

- > Does anyone know:
- a) how to plot this type of "radar swath" data onto a map?
- b) how to sort the data in a way to work around the problem of
- > "co-linear" points?

I've always recommended Liam Gumley's ImageMap program for this kind of mapping. I don't think it gets much better than that. :-)

http://cimss.ssec.wisc.edu/~gumley/imagemap.html

Cheers,

David

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