
Subject: Map Projections and Contour Plots.

Posted by [Grady Daub](#) on Thu, 10 Jun 1999 07:00:00 GMT

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I have data that corresponds to latitude and longitude.

example. data=40 , lat=20, lon=20

How would I...

...make the correct arrays expected by CONTOUR?

/IRREGULAR and TRIANGULATION work, but, I think they're causing problems.

...smooth the contours?

The documentation says something about MIN_CURVE_SURF, but, it seems to need the same format array as CONTOUR.

...plot the contours correctly over a map projection?

When I try to CONTOUR over a map projection, I get some lines across the

plot. The lines look like the contour tried to plot from, say, longitude

180 to -180.

So far, I'm only able to put a map ONTO a CONTOUR, not the other way around. This doesn't help me when I want to use, say, /MOLLWEIDE.

-Grady Daub
GFDI

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