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Subject: plotting colored contours on a map  
Posted by [Josh](#) on Tue, 26 Jun 2007 17:13:32 GMT  
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Hi,

I've got a bunch of data in arrays that correspond to lats, lons, and elevations at points on a map. I'd like to create an elevation map with this data. The problem is that not every point on the map has data associated with it (the array entries are linear tracks across the map - data taken by satellite fly-overs). I've been successful in plotting these position data points.

Something as simple as plotting points whose color correspond to an elevation would work, but I would prefer a contour plot. I read the portion of David's website regarding contour plots(  
[http://www.dfanning.com/color\\_tips/fill\\_colors.html](http://www.dfanning.com/color_tips/fill_colors.html) ), but I'll admit that a lot of that code was over my head. I'm very new to programming in IDL, and have a rudimentary (at absolute best) understanding of using colors.

Any thoughts are appreciated!

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