
Subject: Re: Plot on Maps

Posted by [David Fanning](#) on Mon, 03 May 2004 03:40:12 GMT

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Tianle Yuan writes:

- > I have a set of samples that I divide into several categories according to
- > their geographical locations. Now I want to produce a plot using some
- > symble,say a circle filled with color,to represent each catagory and the
- > area of the symble to represent the size of that catagory.
- >
- > I know how to creat a map contour, but I don't know how to do plots on top
- > of that.

You want to use POLYFILL (and maybe PLOTS) to draw and fill your circles. Here is an article that describes how to create a filled circle in IDL:

http://www.dfanning.com/tips/make_circle.html

In the end, you will probably want to use the NASA Goddard Astronomy Library routine TVCIRCLE. The article will tell you where to get it. When you place the circles on your map, be sure to use DATA coordinates.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
