
Subject: Re: Interpolation and creating profiles from contour maps.

Posted by [Kenneth Bowman](#) on Tue, 26 Mar 2013 15:42:47 GMT

[View Forum Message](#) <> [Reply to Message](#)

On 2013-03-22 18:56:39 +0000, gpeterso@ucsc.edu said:

- > I have a very large 2d data array 824 by 912 of elevation points. I
- > have successfully contoured it and I am wondering if anyone has any
- > advice on how to create profiles using the interpolate command of areas
- > on the contour map I find specifically interesting. My data goes from
- > 0-90s latitude and 270-360 longitude.

Once you figure out how the keyword parameters work, you can use MAP_2POINTS to generate an equally-spaced line of points along a great circle arc. Then use INTERPOLATE to interpolate to those points. You can use the CURSOR procedure to interactively select the end points of the arc.

Ken Bowman
