Subject: Re: Contour mapping of elevation points
Posted by David Fanning on Mon, 25 Feb 2013 17:47:32 GMT
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gpeterso@ucsc.edu writes:

> I am trying to create a contour map of elevation points I have. the file is in .txt form and is an
array 824 by 914. I know that each elevation point is equally spaced and the longitude starts at
270 and ends at 360 and the latitude starts at 0 and ends at 90S.
>
> I was able to configure a contour plot of that data, by simply reading in the two-dimensional
elevation data and plotting. However, I am not sure if this is actually an accurate representation of
the data. I've started to create a program that will assign the appropriate longitude and latitude
but I am getting stuck.
>
> If anyone knows how to help me, that would be much appreciated! Thanks

```
s = Size(array, /Dimensions)
lats = Scale_Vector(Findgen(s[0]), 0, 90)
lons = Scale_Vector(Findgen(s[1]), 270, 360)
cgContour, array, lons, lats
```

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")