
Subject: Re: Contour mapping of elevation points
Posted by [David Fanning](#) on Tue, 26 Feb 2013 03:31:06 GMT
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gpeterso@ucsc.edu writes:

```
> So I have successfully loaded the coyote library but when I try and run the program there is an
error that says x,y, or Z dimensions are incompatible. i tried changing the code to
> lons=scale_vector(dindgen(s), 270, 360)
> lats=scale_vector(dindgen(s), 0, 90)
>
> to form two dimension arrays for longitude and latitude. When I ran it there was no system
errors. However, the nothing really graphed.
```

Oh, duh! I had this:

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

And, of course, it should have been this:

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

Really bad day today. It all started when I misspelled "aerosol" as
"areosol". But, it's a long story. :-(

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.")
