
Subject: Re: Grid lines misaligned when using CONTOUR and MAP_SET

Posted by [DavidF\[1\]](#) on Thu, 07 Mar 2013 22:46:35 GMT

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On Thursday, March 7, 2013 3:23:19 PM UTC-7, Bogdanovist wrote:

> I want to do something pretty simple, which is to create a map with continents and overlay contours. The bare bones of the key part of the code looks like this:

```
>
>
>
> position = [pos_xmin,pos_ymin,pos_xmax,pos_ymax]
>
> Contour,data,lons,lats, /Fill, Levels=contourLevels, c_colors=contourColours,position=position
>
> Map_set,0,180,/continents,/cyl,/grid,/NoErase,position=position
>
>
>
```

> It looks like map_set (or actually map_grid) is making grid lines within the region specified by position, but is leaving room for some non-existent annotation and therefore becomes misaligned with respect to the co-ordinates established by CONTOUR.

```
>
>
>
> How can this be done correctly?
```

Sigh... You could use cgContour. Or, you could probably just set XStyle=1 and YStyle=1 keywords on the brain dead Contour command. :-)

Cheers,

David
