
Subject: grid lines misaligned when using CONTOUR in conjunction with MAP_SET
Posted by [Matt Francis](#) on Thu, 07 Mar 2013 22:20:01 GMT

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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
Map_set,0,180,/continents,/cyl,/grid,e_grid={lon del:10.,lat del:10.},$
/NoErase,limit=[self.lat_min,self.lon_min,self.lat_max,self.lon_max],$
position=position,m_linethick=5.
```
