
Subject: Horrible map reprojections

Posted by [Ben Marriage](#) on Thu, 07 Sep 2000 11:31:15 GMT

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Hi all,

```
IDL> print,!VERSION  
{ x86 linux unix 5.3 Nov 11 1999}
```

I'm trying to set up a particular map reprojection, and get some rather horrible results. Can somebody try this on their machine to see if it is reproducible please?

```
window,0,xs=1000,ys=300  
map_set,0,180,0,limit=[-30,-180,30,180],xmar=0,$  
  ymar=0,noborder=1,/grid,clip=0,/iso,/mercator  
map_continents,/hires
```

One effect is that the reprojection does not extend all the way to the right hand side of the plotting area (should be 0 deg long, instead it is about -10 deg long). Another problem is this produces lines cutting across the window (caused by the map_continents part).

This is only part of the problem, when trying to contour some data using a similar reprojection, I get lines cutting across the contour plot. I thought it might be a missing data problem, so set all missing data to !VALUES.F_NAN. No difference.

Has anybody else had a similar problem/solution?

Thanks,
Ben
