Subject: Re: MAP_SET annoyances Posted by Liam Gumley on Tue, 08 Sep 1998 07:00:00 GMT View Forum Message <> Reply to Message

Kenneth P. Bowman wrote:

```
> Annoyance #1:
```

>

> If I do:

- > WINDOW, XSIZE = 400, YSIZE = 400
- MAP_SET, 90, 0, -90, /AZIMUTHAL, LIMIT = [0, 0, 90, 360], /ISOTROPIC, \$
- /GRID, GLINESTYLE = 0L, LATDEL=30, LONDEL=90, /CONTINENTS

>

- > I get a polar-equidistant plot of the northern hemisphere. It has the
- > annoying rectangular border, which is supposed to be 1% larger than the
- > map. In this case, however, there is a small space between the map and
- > the border on the left and right sides, but the top and bottom edges of
- > the map are flush with the border. (So is it isotropic or not?)

Have you tried experimenting with the IDL 5.0 SCALE keyword in place of the ISOTROPIC and LIMIT keywords? For example

window, /free, xsize=400, ysize=400 map_set, 90, 0, /azim, scale=225e6, /cont, /grid, /label, /noborder

I've found that the SCALE keyword often gives more pleasing results.

Cheers, Liam.