
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.
