

---

Subject: mapping/zooming

Posted by [delp](#) on Thu, 10 Aug 1995 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I'm trying to display a map of the north polar region.

First, I'd like to have the window initialized with the continents between 55-90 degrees lat displayed. I've tried

```
map_set, 90, /grid, /continent, /azimuthal, limit=[55,-180,90,180]
```

but I get floating point errors. Any ideas?

Second, I'd like to draw a bounding box and have it's contents zoomed to fill the display. I've written the code to draw the bounding box, I'm assuming that all I need to do is recreate my map projection with the new center and dimension parameters. Is this correct?

Third, does IDL provide routines to convert screen coordinates to lat/lon in a given projection (and vice-versa)?

Thanks alot,

Steve

---