
Subject: BUG? MAP_SET, /STEREO in IDL 3.6.1
Posted by [scott](#) on Fri, 26 Aug 1994 17:51:49 GMT
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We make a lot of contour plots and wind vector plots on various map bases.

One of our users works with arctic-only data, and routinely makes plots on a polar stereographic projection of the Arctic region (60N to NP).

An app written for IDL 3.5.1 uses the commands

```
MAP_SET, 90., 0., -90., /STEREO, LIMIT=[60., -180., 90., 180]
```

to set this projection up. Then the plot is drawn and finally we do

```
MAP_CONTINENTS  
MAP_GRID
```

to get the map outline overlayed on the plot.

We just installed IDL 3.6.1 and this code no longer seems to work.
Now we get total garbage when plotting, and even the extremely simple command sequence

```
MAP_SET, 90., 0., -90., /STEREO, LIMIT=[60., -180., 90., 180]  
MAP_GRID
```

produces several screensful of error messages (Floating overflow) from MAP_GRID in map_set.pro. Then a couple of random lines appear on the plot frame, and we're back to the IDL plot.

Has anybody else reported this problem? Is there a quick fix? If you type the two lines of code above in your implementation, do you get the same errors?

Please respond via email or post. I will be glad to summarize.

Thanks in advance!

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A. Scott Denning (303)491-8346
<scott@abyss.atmos.colostate.edu>
Dept. of Atmospheric Science
Colorado State University
Fort Collins, CO 80523
