
Subject: Re: xpalette -> error messages

Posted by [davidf](#) on Sat, 27 Nov 1999 08:00:00 GMT

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Dominik Brunner (dbrunner@dbrunner.demon.nl) writes:

- > I am using IDL extensively for contour plots on maps.
- > Often I would like to change the contour colors using xpalette.
- > The problem is now that changing a color or interpolating between colors
- > generates hundreds of error messages stating that some points are
- > out of lat/lon range. Why is this and how can I turn this off?

Whatever this is, it is NOT because you are changing colors. :-)

Rather, I suspect some kind of programming error. How exactly are you trying to use XPalette to change colors in your contour plot? Is this in a widget program? Do you leave XPalette on the display, while you try to change colors? I suspect this is probably the case.

I'm going to guess, in the absence of any evidence, that you are overplotting something onto your map display while XPalette is still on the display. What I think is happening is that you are using the axes ranges determined by the graphic displays in XPalette rather than the axes ranges determined by your map projection. If this is the case, simply save the axes ranges and restore them before you try to overplot. Typically with this kind of application you save !X, !Y, !P, and !Map. You probably don't need them *all*, but in this case overkill usually solves more problems than it creates. :-)

Cheers,

David

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