
Subject: Re: difference between iconour and contour?
Posted by [David Fanning](#) on Fri, 13 Oct 2006 02:56:36 GMT
[View Forum Message](#) <> [Reply to Message](#)

EArnold writes:

```
> I would like to make a contour plot with the north pole as center of
> the map. The data and coordinates are stored in three fields,
> f_data(i,j), f_longitude(i,j), f_latitude(i,j).
>
> First I set the projection via
> map_set, /stereographic, 90, 0, /isotropic, limit = [0, -180, 90, 180],
> /grid, /continents, latdel=20, londel=20
>
> followed by the contour-plot
> contour, f_data, f_longitude, f_latitude, /fill, /over
>
> The result is correct, as expected. The field is displayed, including
> the pole.
```

Well, except the colors are wrong and the contours are not exactly where they are suppose to be, since you used the FILL keyword and not the CELL_FILL keyword that is required for contours on map projections:

http://www.dfanning.com/color_tips/fill_colors.html

I don't know anything about the rest of your question, sorry. But I thought you might want to know about this. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
