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Subject: Re: Contour filling in Polar Stereo  
Posted by afl on Thu, 01 Jun 1995 07:00:00 GMT  
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In article <3qkog1\$47l@kwuz.nerc-keyworth.ac.uk>, wmc@unixa.nerc-keyworth.ac.uk (William Connolley) writes:

|> Having spent a day over this, I thought I'd share the results...  
|>  
|> I have geographical data, and use polar stereos (around the S pole).  
|> Simple contours are fine, but filled ones cause trouble. OK, so the manual  
|> says that this is liable to happen with certain projections. What I have  
|> found is that filling works, but only if you specify CELL\_FILL and \*don't\*  
|> specify C\_LABEL. Since my "contour wrapper" routine added c\_labels  
|> automatically,  
|> my routine kept screwing up.  
|>  
|> So, if I have a question, it is: why does c\_label stop the fill working?

Here's my guess!

When you are contour filling you cannot see the contour labels anyway!  
IDL is confused by the request for labels which will be invisible.  
As an example, try the following...

Example 1: contour, dist(20), /follow, /cell\_fill, /xs, /ys  
Example 2: contour, dist(20), /cell\_fill, /xs, /ys

Notice the first example asks for line labeling, and the cell\_fill option goes ignored, whereas the second example gets cell\_filled, but there are, of course, no line labels. For example 2, and for your problem, use /over to get the line labels. For example 2 one could add...

contour, dist(20), /over, /follow, color=1 ;Choose a visible color entry

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