
Subject: Re: disappearing levels in CONTOUR

Posted by [Andy Loughe](#) on Tue, 12 Nov 1996 08:00:00 GMT

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> Hello, All

>

> I am having a problem with IDL's contour function. The data that I'm
> contouring has latitude and longitude as its coordinates, and I
> overplot that onto a US map using the map_set function. The problem
> is: the data only covers a 5x10 deg square. when I use map_set with
> the lat. and long. limits set to show the whole country, the data
> contours fine (I'm using filled contours), but when I change the
> map_set limits to only plot the lat. and long. that my data covers, not
> all of the levels are being "filled in" with color.

>

> I've tried stepping down the limits, and this does not happen until I am close
> to the limits of my data. I also tried "padding" the data on all sides with
> zeros, but that didn't help either. Does anyone know what's causing this?
> I'm fairly new to IDL, and don't know what else to try.

>

> Thanks,

> Melissa

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Some sample code would help me understand your problem a little better, but
let me suggest using...

contour, data, x, y, /cell_fill,... (along with other keywords)

every time you need to color fill the contours!
