
Subject: Re: Trouble with IDL 5.0.2 (filled contours)
Posted by [wmc](#) on Mon, 26 Jan 1998 08:00:00 GMT
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In article 41C6@io.harvard.edu, Martin Schultz <mgs@io.harvard.edu> writes:
> William Connolley wrote:

>> I too have been irritated by this problem of contour colouring when
>> moving from 4 to 5.

> Is this only about contours on maps? I experienced something similar
> with a simple XY contour plot: IDL did not want to fill in any color
> for the lowest level, i.e. the level *below* the first level entry.

I thought it applied to maps and xy too.

As I see it there are 4 possible filling-in modes:

1. fill above max level and below min (1 more col than level)
2. only fill between max and min (1 less col than level)
3. fill below min but not above max (cols=levs)
4. fill above max but not below min (cols=levs)

IDL, I think, implements 4 (but without ever saying so explicitly?)
It would be rather sensible to be able to select which of 1-4 you want, as an option
to contour.

My big bitch with IDL at the moment is that it adds spurious "spikes" to my
colour contour plots - see <ftp://ftp.nbs.ac.uk/pub/wmc/idl.gif> for an example.
This might be IDL, or it might be X on DEC alphas, who knows? We shall move up to
5.0.3 soon, hopefully it will be cured then. Ho ho.

- William

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