
Subject: Re: contour/cgcontour question regarding latitude order?

Posted by [David Fanning](#) on Fri, 31 May 2013 12:15:39 GMT

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rjp23@le.ac.uk writes:

> I'm using cgcontour to plot some temperature data onto a map. It's working great but my latitude array is from 90 to -90 and I found buried in the contour help page that latitude values must be increasing for cell_fill to work correctly.

>

> There's no such disclaimer in cgcontour but as it's built on contour I was wondering if the same applies and if it does, what happens if latitude is descending instead?

In general, cgContour is subject to the same fundamental limitations as the Contour command, as you point out. But, I've never seen the restriction you mention (and can't find it now). It sounds to me like one of those things I would read in the documentation and only half believe anyway. I think that "monotonically increasing" in the documentation should always be read as "monotonically increasing or decreasing". You should give it a try and then give us a report on how it goes.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
