Subject: Re: Contour plots on maps
Posted by Simon de Vet on Mon, 15 May 2000 07:00:00 GMT
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David Fanning wrote:

> There are several articles that you will really want to
> read on my web page, but I would start with this one,
> because you definitely have "holes" in your contour plots:

I found this site, and already have incorporated the solution into my code. If I plot my filled contours without a map projection, it plots beautifully, with no holes or gaps.

This is the problem: first, the lowest few contours are filled in. Then they are all overwritten in white, and the next are filled in. These are also whited out, and the last couple are plotted. Only the last ones are visible when the plotting is complete.

I am outputting all my plots to postscript files, and not to the screen

I have also tried changing the centre of the plot, as you mentioned, so that the data border corresponds to the plot border (Greenwhich on the edge, instead of the middle.) This eliminates the odd diagonal lines, but does nothing to the filled contour troubles.

These problems occur for all map projection types, and never if map projection is turned off.

Simon