
Subject: Re: Expand Polar Contour

Posted by [David Fanning](#) on Fri, 09 Jul 2004 19:41:20 GMT

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Patrick writes:

> The data I am using is radar data, which is in polar coordinates. I
> am overlaying this data onto a map, which is in lat/lon and centered on
> the radar so that the both have the same origin. But the result is
> that the radar data does not "expand out" over the map domain; instead
> it is centered about the origin (the radar) and much smaller than the
> map domain, which has been configured to match the calculated lat/lon
> limits of the radar data. Sorry for the confusion.

Humm. This seems right. You don't have some kind of axis autoscaling going on, do you? You have set your axes to exact scaling? And you have set the X and Y scales for your data plot? And you have positioned your map and plot into the same place in the window with the POSITION keyword, right? If you have done all that, I think it should work.

I've never used POLAR_CONTOUR. If it were me, I would have probably converted my polar radar data into map coordinates and just laid it on the map directly. I think that is what I've done in the past when I was displaying NexRad radar data. I'd have to check.

Cheers,

David

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