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Subject: Re: I'm doing something wrong with map\_image  
Posted by [David Fanning](#) on Tue, 31 May 2011 22:05:18 GMT  
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almost\_like\_a\_metaphor writes:

> I have a map image in cylindrical projection (so basically the sides  
> of my map are lat-90 to 90 and lon -180 to 180), so I'm using map\_set  
> with /cylindrical. The image, is around 3000x1500 pixels  
>  
> I want to plot data on a small 3x3 degree slice of this map, say  
> centered on lat=10, lon=10. I can set my map\_set properly, but my  
> map\_image does not seem to be doing what I want it to. I want to get  
> that 3x3 slice of the image displayed, place my map\_grid over it, then  
> plot my points, and I can't.  
>  
> It's got to be a gloriously simple thing that I'm missing.

Here is an example. Suppose this image is map projected  
(I'm not sure it is):

```
cgloadct, 0
image = congrid(shift(cgDemoData(7), 180, 0), 3000, 1500)
cgimage, image, /keep, position=p
map_set, /noerase, position=p
map_grid
map_continents
plots, [20, 20, 0, 0, 20], [20, 0, 0, 20, 20], color=cgcolor('blue')
plots, 10, 10, psym=4, color=cgcolor('yellow')
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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