Subject: Re: Confusions with map_image!
Posted by David Fanning on Fri, 12 Jun 2009 12:37:57 GMT

hethomas writes:

> Having spend the last couple of weeks trying to figure this out, I
> gather this isn't an uncommon problem, but hope that someone might be
> able to clarify -
>
> I have taken some global satellite data, and rebinned this into
> 0.25x0.25 degree pixels. Now I want to plot my data as an image for
> display. The data was originally in the format lat, long, data, but I
> formed data into a grid of 1440 x 720 in order to plot.
>
> The issue I am having is that there appears to be so many variables
> regarding the use of MAP_IMAGE, which seem to change my values
> significantly that I am not unsure what the "right" answer is! For
> example, the maxiumum value in my original grid could be 50, yet after
> using MAP_IMAGE this is reduced to say 35. The main factor which
> seems to affect this is the window size - I have set this to
> xsize=1453, ysize=749 in order to have a resulting image size of
> x=1440, y=720, but the values (although close) are still different.
>
> If anyone can shed any light on this I would be really greatful!

I think it is likely that this is completely the wrong
approach. :-)

Why don't you tell us more about the image (where you
got it, etc.) and maybe we can suggest something that
will work.

Cheers,

David

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