Subject: Re: Trouble with plotting ASCII grid.
Posted by David Fanning on Sun, 04 Jan 2009 03:15:22 GMT
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mbweller@gmail.com writes:

> How do you plot a simple ascii grid of values spatially? I have a .dat
> file that contains 180 rows and 360 columns corresponding to a range
> of 90 to -90 (180:rows:latitude) and 0 to 360
> (360:columns:longitude). I believe that the position of the cell at
> Column 1, Row 1 corresponds to a cell of position 90n, 89n, 180w, 179w
> but
> cannot be sure until it is mapped. So, I need each cell value to
> correspond to a 1x1 deg lat/lon cell size when plotting. Is there a
> way to do this easily?

I don't know. I've seen this request twice, and it still looks like
an image to me, but what do I know. :-(

I'd display it like this:

    IDL> ImgWin, asciiData, XRange=[0,360], YRange=[-90,90]

Then, you can interactively play around with the data
and learn its value at a particular latitude and longitude.

   http://www.dfanning.com/catalyst/imgwin.html

Cheers,

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