Subject: Re: Converting distance to degrees
Posted by Kenneth P. Bowman on Thu, 16 Jun 2011 13:32:44 GMT
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In article
<33651085-7428-4309-a843-8d4a6bb9f330@e17g2000prj.googlegroups.com>,
 Ashley Berg <ashley.berg@gmail.com> wrote:

> I have an ASCII grid of 1-km data values across the conterminous US,
> 4629 cols x 2931 rows. I was wondering if there is some kind of
> routine in IDL that will convert kilometers to degrees? I need to
> convert the 1-km data to a 0.5x0.5 degree grid.

Since the Earth is a sphere (approximately), it is
not possible to have a regular 1 km grid over any large area
of the Earth's surface.

You probably need to check with the data set's creator
to find out what kind of grid it really is.

Ken Bowman