Subject: Re: MAP_SET vs MAP_PROJ_*
Posted by Liam Gumley on Wed, 10 Nov 2004 21:20:18 GMT

James Kuyper wrote:
> Liam Gumley wrote:
> ...
>
>> For example, how do do you define a Lambert Azimuthal Equal Area
>> Projection in direct graphics centered at a given lat/lon with a
>> specified resolution, such as 1000 meters per pixel?
>
>
> Since the pixels per centimeter can be different for the x and y axis,
> you'll have to decide which axis it is that you want to be at 1000
> meters per pixel. Assuming that it's the Y-axis, this should do it:
>
> lat = 22
> lon = 90
> resolution = 1000.0
> MAP_SET,lat,lon,/LAMBERT,scale=resolution*100*!D.Y_PX_CM,/hi res,/grid,/label
>
>
> You didn't ask for the coastlines, the grid, or the labels, but I
> thought it would be good to have something to tell whether the MAP_SET
> was correct.

Thanks James, I am quite familiar with using MAP_SET in this fashion. I
am interested in learning how to achieve the same result with the
MAP_PROJ commands.

Cheers,
Liam.
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