
Subject: Re: latitude/ longitude legend outside the map
Posted by [Liam E. Gumley](#) on Wed, 13 Feb 2002 15:40:12 GMT
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Marco Trommler wrote:

```
> I would like to generate a Map with grid lines and a legend with the values
> of the latitude or longitude of the grid lines outside of the image (aligned
> to the map border)
>
> WINDOW, ...
> MAP_SET .....,/cylindrical, xmargin=3,ymargin=3
> MAP_GRID, LABEL=2, LATDEL=5, LONDEL=10, LONLAB=reg.latmin[r]
>
> prints the values of the longitude on the min. latitude grid line of my map
> (at the lower border but inside the map)
>
> MAP_GRID, LABEL=2, LATDEL=5, LONDEL=10, LONLAB=reg.latmin[r]-0.5
>
> should print the values with space 0.5 under the lowest border, but the
> program doesn't make it..... Where is the mistake???
```

Try using the MAP_GRID keyword BOX_AXES:

```
map_set, 43, -89.5, scale=10e6, $
  /usa, xmargin=[3, 3], ymargin=[3,3]
map_grid, latdel=2, lonel=2, charsize=0.75, /box_axes
```

Cheers,
Liam.
Practical IDL Programming
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