
Subject: Re: Map_Proj_* Problems Re: Overlay images from WMS servers
Posted by [liamgumley](#) on Fri, 10 Feb 2006 18:52:46 GMT

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The following works pretty much the way you would expect it to:

```
;- Lambert Azimuthal Equal Area (Great Lakes)
map = map_proj_init(111, center_lat=45, $
  center_lon=-85, limit=[40, -95, 50, -75])

;- Default position
window, /free
plot, map_uv_box[[0, 2]], map_uv_box[[1, 3]], $
  xstyle=5, ystyle=5, /nodata
gshhs_plot, 'gshhs_i.b', level=2, map=map, noclip=0
map_grid, /label, /box, map=map

;- Default position (isotropic)
window, /free
plot, map_uv_box[[0, 2]], map_uv_box[[1, 3]], $
  xstyle=5, ystyle=5, /nodata, /isotropic
gshhs_plot, 'gshhs_i.b', level=2, map=map, noclip=0
map_grid, /label, /box, map=map

;- Position specified
window, /free
plot, map_uv_box[[0, 2]], map_uv_box[[1, 3]], $
  xstyle=5, ystyle=5, /nodata, $
  position=[0.1, 0.1, 0.6, 0.6]
gshhs_plot, 'gshhs_i.b', level=2, map=map, noclip=0
map_grid, /label, /box, map=map

;- Position specified (isotropic)
window, /free
plot, map_uv_box[[0, 2]], map_uv_box[[1, 3]], $
  xstyle=5, ystyle=5, /nodata, $
  position=[0.1, 0.1, 0.6, 0.6], /isotropic
gshhs_plot, 'gshhs_i.b', level=2, map=map, noclip=0
map_grid, /label, /box, map=map
```

Subject: Re: Map_Proj_* Problems Re: Overlay images from WMS servers
Posted by [David Fanning](#) on Fri, 10 Feb 2006 19:05:29 GMT

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Liam writes:

> The following works pretty much the way you would expect it to:

Yes, OK. So is my problem really just with the UTM map projection? Could be, I suppose. I did, at one point, fool around with other projections, but that may have been in one of my totally confused periods. These do seem to work properly.

Thanks, Liam.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
