
Subject: Re: google earth projections

Posted by [liamgumley](#) on Mon, 03 Nov 2008 16:34:51 GMT

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On Nov 1, 2:20 pm, "R.G. Stockwell" <notha...@noemail.com> wrote:

> Does anyone know the IDL map projection to use to make a
> ground overlay in a kml file (to be viewed by a geobrowser such
> as google earth?)
>
> I've googled and have seen many different things stated,
> so I am not sure if my use of cylindrical projection is right.
>
> My figures are off, in that my continents do not match earth's continents
> I am initially making a full globe image (-90 to 90 lat , -180 to 180 lon)
> similar to the big blue marble example.
>
> [http://www.earthblog.com/blog/archives/2006/11/blue_marble_time_ani....](http://www.earthblog.com/blog/archives/2006/11/blue_marble_time_ani...)
>
> but my image of the global map, does not reproduce the continents like
> in those images.<http://mw1.google.com/mw-earth-vectordb/kml-samples/bmng12/files/BMNG...>
>
> cheers,
> bob

This is the projection used by Google Earth overlays:

http://en.wikipedia.org/wiki/Plate_carre_projection

Looks like the GCTP Equirectangular projection (#117) supported by
MAP_PROJ_INIT is the one you need.

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>
