
Subject: Re: Maps - ellipsoids in map_set ('scale on the central meridian')

Posted by [Andy Sayer](#) on Thu, 16 Jan 2014 22:14:10 GMT

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Actually I was adding the continental outlines after mapping with map_continents (and using /hires and /coast) rather than during map_set.

I experimented a bit with different ellipsoids (guessing 1 and 0.9996 for this mysterious third parameter) but it didn't seem to make a visible difference. So either I am doing it wrong (possible), or the difference between Clarke and WGS 84 ellipsoids is smaller than one data pixel (~100 m).

I'm planning to try the GSHHS stuff in the morning... we will see! But I would really not expect that would make such a difference (~1-2 km mismatch). Then again as the IDL maps don't recognise some countries which have existed for over a decade now, perhaps I should not be surprised. ;)

Andy

On Thursday, January 16, 2014 4:09:19 PM UTC-5, David Fanning wrote:

> AMS writes:

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>> I suspected you might say that, David!

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> Well, aside from MAP_SET just being generally terrible for doing

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> professional map projection stuff, are you sure you are using the HI-RES

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> continental outlines? Is this the kind of thing that can be improved

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> with the GSHHS data?

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> Cheers,

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> David

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> David Fanning, Ph.D.

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> Fanning Software Consulting, Inc.

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- > Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
 - >
 - > Sepore ma de ni thue. ("Perhaps thou speakest truth.")
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