
Subject: Re: map: integerized sinusoidal

Posted by [Roman](#) on Wed, 18 Feb 2009 16:47:36 GMT

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On 18 Feb., 17:31, David Fanning <n...@dfanning.com> wrote:

> Roman writes:

>> Thanks for all your comments ! Below you find the way I did it

>> succesfully in IDL:

>

> Well, I have to admit, it appears to be a miracle to me.

> But if it works, it works. :-)

>

> One question:

>

>> ; transform into UTM coordinates

>> mapStruct = map_proj_init('integerized sinusoidal', \$

>> center_longitude=0., false_northing = 0., \$

>> false_easting = 0., is_zones=86400.0, \$

>> sphere_radius = 6371007.181)

>

> Where did you come up with that number, 86400, for the

> IS_ZONES keyword? I thought there were a total of 648

> "tiles" or "zones" in an integerized sinusoidal projection.

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Coyote's Guide to IDL Programming (www.dfanning.com)

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

the details I got from here:

http://modland.nascom.nasa.gov/developers/is_tiles/is_gctp.html

I will try to install the MODIS RTool to cross check the reprojection.

But as you say: it works in IDL (IDL 6.4) :) !

Cheers, Roman
