
Subject: Re: get lat/lon from modis SIN grid
Posted by [David Fanning](#) on Tue, 18 Oct 2011 13:25:39 GMT
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Jenny writes:

- > Hi, has anybody implemented the formulas for Coordinate conversion for
- > the MODIS sinusoidal projection included in the MODIS Burned Area
- > product User Guide appendix2 (on p24)?
- > Link to the Guide:
- > [http://www.fao.org/fileadmin/templates/gfims/docs/MODIS_Burn ed_Area_User_Guide_2.0.pdf](http://www.fao.org/fileadmin/templates/gfims/docs/MODIS_Burned_Area_User_Guide_2.0.pdf)
- >
- > Based on those formulas, one could get lat/lon information from
- > column, row, horizontal, and vertical coordinates of the tile for each
- > pixel in a tile. It seems to be too easy to be true? I haven't seen
- > any post on this. Has any body tried it?

I think it would be much easier (and less prone to error)
to simply use the Map_Proj_*** routines, which are designed
to do this very thing.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: get lat/lon from modis SIN grid
Posted by [Mark Piper](#) on Tue, 18 Oct 2011 14:57:26 GMT
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On 10/18/2011 7:25 AM, David Fanning wrote:

- > Jenny writes:
- >
- > I think it would be much easier (and less prone to error)
- > to simply use the Map_Proj_*** routines, which are designed
- > to do this very thing.
- >

Aha! I'm doing a set of webinars later this week which demonstrate the
use of the MAP_PROJ_* routines. I'll make the announcement in a separate
post.

David, I owe you a dollar for setting me up so nicely.

mp

Subject: Re: get lat/lon from modis SIN grid
Posted by [Brian Wolven](#) on Tue, 18 Oct 2011 17:39:54 GMT
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I think we all owe him at least a dollar. =)

Subject: Re: get lat/lon from modis SIN grid
Posted by [Jeremy Bailin](#) on Tue, 18 Oct 2011 19:50:22 GMT
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On 10/18/11 1:39 PM, Brian Wolven wrote:
> I think we all owe him at least a dollar. =)

<http://www.idlcoyote.com/store/index.php?act=viewCat&catId=4&ccSID285e73f64c04744fc5f33ff68f529742=sqol50okvvgg12 slpubb3srp922>

-Jeremy.

Subject: Re: get lat/lon from modis SIN grid
Posted by [envi35@yahoo.ca](#) on Fri, 21 Oct 2011 02:35:36 GMT
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On Oct 18, 9:25 am, David Fanning <n...@dfanning.com> wrote:
> Jenny writes:
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>
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>

> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks, David. Webpage from Jeremy's link is well said of our appreciation! <http://www.idlcoyote.com/store/index.php?act=viewCat&catId=4&ccSID285...>
