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Subject: Re: Get Lat/long equivalent based on NEASE grid value  
Posted by [Snow53](#) on Thu, 21 Oct 2010 18:50:54 GMT

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On Oct 21, 12:39 pm, David Fanning <n...@dfanning.com> wrote:

> Snow53 writes:

>> I have a file whose coordinate is in WGS-84 NEASE grid. I would like

>> to determine the lat/long value for each input pixel location. I

>> don't want to actually re-project the file, I just want that value. I

>> have included NEASE in the ENVI map\_proj.txt file.

>

>> Any suggestions as to what might be the best way to do this?

>

> What in the world is a NEASE grid? :-)

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

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

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

It's the polar version of the NSIDC (<http://nsidc.org/data/ease/>)  
grid, based on the Lambert Azimuthal.

So I've tried to use MAP\_PROJ\_INIT to define my projection and then  
feed it into MAP\_PROJ\_INVERSE to get my lat/long, but I haven't  
figured out how to point to the NEASE parameters via MAP\_PROJ\_INIT  
(AHHH!).

I'm assuming that there must be some relatively easy way to do so....

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