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Subject: Re: Inverse Map Projection Help  
Posted by [mankoff](#) on Mon, 25 Feb 2008 14:56:50 GMT  
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On Feb 24, 2:54 pm, Paul Levine <paul.lev...@ucla.edu> wrote:  
> On 2008-02-22 09:48:38 -0800, mankoff <mank...@gmail.com> said:  
>  
>  
>  
>>>> Polar Stereographic projection with 71=B0S as the latitude of true scale  
>>>> and 0=B0E as the central meridian.  
>  
>> ;; this is the projection the data is distributed on  
>> stereo = map\_proj\_init('Polar Stereographic', /GCTP, DATUM=8, \$  
>> CENTER\_LONGITUDE=0, CENTER\_LATITUDE=-90)  
>  
> You must change the CENTER\_LATITUDE to -71  
>  
> Polar stereographic projections are free of areal distortion at only  
> one latitude, with areal distortion increasing both north and south of  
> this latitude. In the case of your data, that latitude is 71 south.  
> FWIW, the northern-hemisphere sea ice data distributed by the NSIDC is  
> centered at 70 north.  
>  
> HTH,  
> Paul

It does help. Image is better aligned. But still not accurate :(.

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