
Subject: Re: map_set stereographic projection
Posted by [David Fanning](#) on Thu, 27 Apr 2006 14:23:21 GMT
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dvila writes:

> I'm trying to deal with a pre-projected polar stereographic image with
> this geometrical characteristics:
>
> # It is a 1121x881 polar stereographic grid.
> # Point (1,1) is at 23.117N 119.023W.
> # Point (1,881) is at 53.509N 134.039W.
> # Point (1121,1) is at 19.805N 80.750W.
> # Point (1121,881) is at 45.619N 59.959W.
> # The y-axis is parallel to 105W.
> # The resolution is 4.7625km at 60N.
> # The pole point is (I,J) = (400.5,1600.5)
>
> I don't know how may I set the map_set routine to fit the map with the
> data. Is it possible to work with pre-projected data?

On occasion. See, for example:

http://www.dfanning.com/map_tips/georeference.html

> On the other hand, can I change the projection to a regular lat-lon
> grid in IDL?

Probably not. :-)

I don't know the definitive answers to these questions, but
I have a reason to find out. Where can I find one of these
images you are trying to fit a map projection to?

Cheers,

David

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