Subject: Re: map_set stereographic projection Posted by David Fanning on Thu, 27 Apr 2006 14:23:21 GMT

View Forum Message <> Reply to Message

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

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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