
Subject: map_set stereographic projection

Posted by [dvila](#) on Thu, 27 Apr 2006 12:50:50 GMT

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Hi all,

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

Thanks!

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