
Subject: Mapping an ascii image in ENVI

Posted by [surajchem](#) on Fri, 11 May 2007 18:58:37 GMT

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hi

i have a netcdf file which is lambert projection showing the air concentration for the whole earth with central meridian going through pacific region. i wanted to change the projection to lambert with central meridian passing through china and then extract the china domain. since ENVI doesn't take netcdf data directly i converted it into an ASCII file (1 band, 164 x 97 grids) and then opened it up in ENVI. i think in order to do map conversion i would first have to first edit the header and i think i am going wrong somewhere because when i try to view the coastline the (create world boundaries it exactly doesn't match it, it seems shifted to the upper left these are the map info in the netcdf file (in bracket is what i think it means) lambert proj.

GDTYP=2

P_ALP=25 (first parallel lat)

P_BET=40 (second parallel lat)

P_GAM=110 (central meridian)

XCENT=110

YCENT=34

XORIG=-2934000 (first corner coordinates)

YORIG=-1728000

XCELL=36000 (grid size in meter)

YCELL=36000

i made a new map proj based on this.

somehow i cannot make it to work (also how can i convert xorig to degs)

any suggestion

any help would be really appreciated

suraj
