Subject: Need help with map projection conversion in IDL or ENVI
Posted by zcwjtt on Sat, 15 Mar 2014 01:06:42 GMT

I've been fighting with this problem for days and have finally given
up on solving it myself. I hope that someone with more experience
manipulating maps in IDL/ENVI can offer me some advice and guidance.

I have a geostationary satellite image file (actually many such files) that is written as an hdf. The
data in the file only have latitude and longitude values corresponding to the pixels in the image in
the file,
but without projection parameters.

I guess it is the "Satellite" projection, since the ranges of latitudes and longitudes covers a sphere.

I would like to read partial data and change them to another projection type, such as Mercator.
But I don't have any good idea where to start with.

Any suggestions would be most welcome.