
Subject: Map Projection

Posted by [morganlsilverman](#) on Tue, 22 Oct 2013 14:47:26 GMT

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Hello,

I'm trying to create a basic plot with a map of the US and trajectory data plotting on top. I'm trying to follow the map projection method using `mapCoord = Obj_New('cgmap', 'Lambert Azimuthal', Limit=limit)`.

I keep coming across an ellipsoid statement in most of the examples I've found but I can't find any explanation as to what it is. Different examples have use `ellipsoid=24`, `ellipsoid=19`, `ellipsoid=WGS84`, etc...I don't know if I need this or how to set it if I do.

Can someone please explain what the ellipsoid statement is? And, is `mapCoord=Obj_New('cgmap', ....)` the best way to go about plotting a map of the United States? Thank you.

Sincerely,
Morgan
