
Subject: shapefile not in lat/lon

Posted by [natha](#) on Thu, 28 Nov 2013 15:59:03 GMT

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Hi gurus,

I have a set of shapefiles defining some regions but the content is not in lat/lon coordinates. I guess I should use the projection defined in the prj file but I don't exactly know how to do it. I am hoping for some help here.

This is the content of the prj file:

```
PROJCS["NAD_1983_MTM_8",GEOGCS["GCS_North_American_1983",DATUM[
"D_North_American_1983", SPHEROID["GRS_1980",6378137.0,298.257222101]],
PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION[
"Transverse_Mercator"], PARAMETER["False_Easting",304800.0],PARAMETER["False_Northing
",0.0], PARAMETER["Central_Meridian",-73.5],PARAMETER["Scale_Factor ",0.9999],
PARAMETER["Latitude_Of_Origin",0.0],UNIT["Meter",1.0]]
```

Using this information how could I get the lat/lon values of the area defined as:

```
xx=[314000.00,314000.00,315000.00,315000.00,314000.00]
yy=[4987000.0,4988000.0,4988000.0,4987000.0,4987000.0]
```

Thank you very much in advance,
natha
