

QGIS Application - Bug report #4731

Layer Properties dialog, General tab reports incorrect CRS

2012-01-01 10:49 AM - Bob English

<div>Status:Closed</div> <div>Priority:Normal</div> <div>Assignee:</div> <div>Category:Projection Support</div> <div>Affected QGIS version:master</div> <div>Operating System:Windows 7</div> <div>Pull Request or Patch supplied:</div> <div>Crashes QGIS or corrupts data:</div>	<div>Regression?:No</div> <div>Easy fix?:No</div> <div>Resolution:worksforme</div> <div>Copied to github as #:14603</div>
<div>Description</div> <div>First:</div> <div>From http://www.mass.gov/mgis/dd-over.htm</div> <div>The EPSG (European Petroleum Survey Group) code for this coordinate system is 26986.</div> <div>The Massachusetts State Plane Coordinate System, Mainland Zone meters is defined as follows:</div> <div>Projection: Lambert Conformal Conic</div> <div>Spheroid: GRS 80</div> <div>Central Meridian: -71.5</div> <div>Reference Latitude: 41</div> <div>Standard Parallel 1: 41.716666666667</div> <div>Standard Parallel 2: 42.683333333333</div> <div>False Easting: 200000</div> <div>False Northing: 750000</div> <div>From TOWNS_POLY.prj downloaded from MassGIS</div> <div>PROJCS["NAD_1983_StatePlane_Massachusetts_Mainland_FIPS_2001",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["Lambert_Conformal_Conic"],PARAMETER["False_Easting",200000.0],PARAMETER["False_Northing",750000.0],PARAMETER["Central_Meridian",-71.5],PARAMETER["Standard_Parallel_1",41.7166666666667],PARAMETER["Standard_Parallel_2",42.6833333333333],PARAMETER["Latitude_Of_Origin",41.0],UNIT["Meter",1.0]]</div> <div>From QGIS Reference System Selector EPSG:26986</div> <div>+proj=lcc +lat_1=42.68333333333333 +lat_2=41.71666666666667 +lat_0=41 +lon_0=-71.5 +x_0=200000 +y_0=750000</div> <div>+ellps=GRS80 +towgs84=0,0,0,0,0,0 +units=m +no_defs</div> <div>- Note that lat_1 and lat_2 are reversed in QGIS</div> <div>SECOND:</div> <div>1) load a vector layer in MA State Plane coordinates into QGIS v1.71 (please check v1.73 for the same error) (EPSG:26986) see attached file</div> <div>2) change the projection for the layer to EPSG: 26986</div> <div>3) save the layer (possibly with a new name)</div> <div>4) open the saved layer in QGIS</div> <div>5) the EPSG for the saved layer is reported by QGIS as EPSG:2805</div>	

History

#1 - 2012-01-02 05:41 AM - Giovanni Manghi

- Status changed from Open to Feedback
- File teste1_shp.zip added

Not confirmed, I'm using qgis-master and I tried the following:

- added the attached vector
- changed its CRS to EPSG 26986
- saved a copy of the vector with EPSG 26986

after adding the result in QGIS it shows coorectly as EPSG 26986.

I attach the vector. Please test qgis-master (with the osgeo4w installer) and leave feedback.

#2 - 2012-01-19 11:08 AM - Bob English

Thanks for looking at this issue. I didn't have my email notifications set properly in my tracker account, so I didn't get notified of your comment. I will try to download and install the master from OSGeo when I have time and see if I can repeat the error.

#3 - 2012-01-28 04:09 PM - Giovanni Manghi

- Resolution set to worksforme
- Status changed from Feedback to Closed

Closing for lack of feedback. Reopen if necessary.

Files			
towns.7z	421 KB	2012-01-01	Bob English
teste1_shp.zip	661 KB	2012-01-02	Giovanni Manghi