

QGIS Application - Bug report #4592

Incorrect PRJ file for EPSG:27200 NZGD49 / New Zealand Map Grid

2011-12-01 03:42 PM - Mike Taves

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Projection Support	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 14497
Description		
When exporting (Save As) layer data from QGIS master to Shapefile, the associated .prj file has incorrect projection WKT. Info for projection: - http://spatialreference.org/ref/epsg/27200/ - http://www.linz.govt.nz/geodetic/datums-projections-heights/projections/new-zealand-map-grid Here is the WKT in the .prj file from an export of a layer with source projection srid=27200 from QGIS master (code fecb0de): <pre>PROJCS["New_Zealand_Map_Grid",GEOGCS["GCS_International_1909 (Hayford)",DATUM["D_unknown",SPHEROID["intl",6378388,297]],PRIMEM["Greenwich",0],UNIT["Degree",0.017453292519943295]],PROJ 295]],PROJECTION["New_Zealand_Map_Grid"],PARAMETER["latitude_of_origin",-41],PARAMETER["Longitude_Of_Origin",173],PARAME 3],PARAMETER["false_easting",2510000],PARAMETER["false_northing",6023150],UNIT["Meter",1]]</pre> This should be something more like: <pre>PROJCS["NZGD49 / New Zealand Map Grid",GEOGCS["NZGD49",DATUM["D_New_Zealand_1949",SPHEROID["International_1924",6378388,297]],PRIMEM["Greenwich",0],UNIT ich",0],UNIT["Degree",0.017453292519943295]],PROJECTION["New_Zealand_Map_Grid"],PARAMETER["latitude_of__origin",-41],PARAME 1],PARAMETER["central_meridian",173],PARAMETER["false_easting",2510000],PARAMETER["false_northing",6023150],UNIT["Meter",1]] ["Meter",1]]</pre> (see also "select srtext from spatial_ref_sys where srid=27200;" from PostGIS)		

History

#1 - 2011-12-16 02:09 PM - Giovanni Manghi

- Target version set to Version 1.7.4

#2 - 2012-04-16 06:32 AM - Paolo Cavallini

- Crashes QGIS or corrupts data set to No

- Affected QGIS version set to master

- Target version changed from Version 1.7.4 to Version 1.8.0

#3 - 2012-09-04 11:56 AM - Paolo Cavallini

- Target version changed from Version 1.8.0 to Version 2.0.0

#4 - 2013-02-24 03:49 AM - Andre Joost

- Status changed from Open to Closed

- % Done changed from 0 to 100

Current Version of Qgis Master writes the following .prj file:

```
PROJCS["NZGD49_New_Zealand_Map_Grid",GEOGCS["GCS_New_Zealand_1949",DATUM["D_New_Zealand_1949",SPHEROID["International_1924",6378388,297]],PRIMEM["Greenwich",0],UNIT["Degree",0.017453292519943295]],PROJECTION["New_Zealand_Map_Grid"],PARAMETER["latitude_of_origin",-41],PARAMETER["Longitude_Of_Origin",173],PARAMETER["false_easting",2510000],PARAMETER["false_northing",6023150],UNIT["Meter",1]]
```

so I assume that it is already fixed in current GDAL 1.9.2