

QGIS Application - Bug report #3630

Coordinate reference system ETRS89/UTM zone 33N (EPSG: 25833) is wrong

2011-03-16 12:11 PM - monokultur -

Status: Closed	
Priority: Low	
Assignee: nobody -	
Category: Projection Support	
Affected QGIS version:	Regression?: No
Operating System: OS X	Easy fix?: No
Pull Request or Patch supplied:	Resolution: worksforme
Crashes QGIS or corrupts data:	Copied to github as #: 13689
Description	
The polygons of shape-files created/converted in zone ETRS89/UTM 33N (EPSG: 25833) are at the wrong place (about 1000 km to far west). The facts have been checked with other GIS programs.	

History

#1 - 2011-03-16 12:54 PM - Giovanni Manghi

Replying to [monokultur](#):

| . The facts have been checked with other GIS programs.

this means it only happens in qgis or in all the sw you have tested?

#2 - 2011-03-16 01:02 PM - monokultur -

It only happens in qgis. All other gis programs are projecting the polygones at the right place.

#3 - 2011-03-16 01:04 PM - Giovanni Manghi

can you please attach a sample data?

#4 - 2011-03-16 01:29 PM - monokultur -

The attached file shows some fields in north-east germany. you can check with the digital ortho photos (wms-server url: http://www.geodaten-mv.de/dienste/adv_dop) if they are at the right place (the photos are visible only at a certain scale)

#5 - 2011-03-16 02:46 PM - Jürgen Fischer

Replying to [comment:4 monokultur]:

| The attached file shows some fields in north-east germany. you can check with the digital ortho photos (wms-server url: http://www.geodaten-mv.de/dienste/adv_dop) if they are at the right place (the photos are visible only at a certain scale)

In [\[\[EPSG25833|http://spatialreference.org/ref/epsg/25833\]\]](#) the x coordinates usually has only 6 digits. Unfortunately what MV (and also Brandenburg) calls EPSG25833 is EPSG25833 with an offset of 33000000m (and formerly only 3000000m). On [\["Hinweise Geowebdienste - \[\[GeoPortal\]\] Mecklenburg-Vorpommern|http://www.geoportal-mv.de/land-mv/GeoPortalMV_prodde/Geowebdienste/Hinweise_Geowebdienste/index.jsp#epsgportal\]](#) this is called EPSG35833 and explicitly marked as not OGC conformant. I've also found [\["sources"\]](#) that call this BBG:25833 and also have "our" definition of EPSG:25833.

I'm not sure how we should deal with this.

#6 - 2011-03-16 02:56 PM - Jürgen Fischer

Replying to [\[comment:5 jef\]](#):

Same for the shape moved 33000000m westward and set to EPSG:25833.

#7 - 2011-03-16 04:24 PM - monokultur -

Is it possible to integrate EPSG: 35833 into qgis?

#8 - 2011-03-17 12:58 AM - Jürgen Fischer

Replying to [\[comment:7 monokultur\]](#):

[\[?\]](#)
Is it possible to integrate EPSG: 35833 into qgis?

[\[?\]](#)
Does that help? E.g. it won't on OGC services that are advertised with EPSG:25833.

[\[?\]](#)
BTW which other softwares did you try this with?

#9 - 2011-05-31 02:44 AM - Jürgen Fischer

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

closing for the lack of feedback.

Files

Shape_UTM.zip

71.6 KB

2011-03-16

monokultur -