

QGIS Application - Bug report #11333

TWD 67 projection CRSs are not correct

2014-10-05 07:52 PM - Yu-Hsuan Tu

Status: Closed	
Priority: Normal	
Assignee:	
Category: Projection Support	
Affected QGIS version: 2.4.0	Regression?: No
Operating System: Windows	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: end of life
Crashes QGIS or corrupts data: No	Copied to github as #: 19627

Description

The built-in TWD 67 / TM2 zone 119 and zone 121 are not correct. Their default parameters are stated as below:

```
+proj=tmerc +lat_0=0 +lon_0=119 +k=0.9999 +x_0=250000 +y_0=0 +ellps=aust_SA +units=m +no_defs  
+proj=tmerc +lat_0=0 +lon_0=121 +k=0.9999 +x_0=250000 +y_0=0 +ellps=aust_SA +units=m +no_defs
```

However, these setting cannot match those features in TWD 67 to the right positions. Here are the correct parameters for TWD 67 / TM2 zone 119 and 121:

```
+proj=tmerc +ellps=GRS67 +towgs84=-752,-358,-179,-.0000011698,.0000018398,.0000009822,.00002329 +lon_0=121 +x_0=250000  
+k=0.9999 +to +proj=tmerc +datum=WGS84 +lon_0=119 +x_0=250000 +k=0.9999  
+proj=tmerc +ellps=GRS67 +towgs84=-752,-358,-179,-.0000011698,.0000018398,.0000009822,.00002329 +lon_0=121 +x_0=250000  
+k=0.9999 +to +proj=tmerc +datum=WGS84 +lon_0=121 +x_0=250000 +k=0.9999
```

Hope they can be fixed at the next release.

History

#1 - 2017-05-01 01:08 AM - Giovanni Manghi

- Easy fix? set to No
- Regression? set to No

#2 - 2019-03-09 03:12 PM - Giovanni Manghi

- Resolution set to end of life
- Status changed from Open to Closed

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>