

## QGIS Application - Bug report #1196

### projection parameter +no\_uoff is not applied to layer SRS; affects Michigan GeoRef

2008-07-31 05:39 PM - Steven Mizuno

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> nobody -	
<b>Category:</b> Projection Support	
<b>Affected QGIS version:</b>	<b>Regression?:</b> No
<b>Operating System:</b> All	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 11256
<b>Description</b>	
<p>background: the PROJ.4 definitions for Michigan [[GeoRef]] (EPSG:3078, 3079) don't work properly unless +no_uoff is included in the definition. There is PROJ.4 mailing list traffic about this.</p> <p>A Custom Projection can be created for Michigan [[GeoRef]] by copying the 3078 parameters and adding +no_uoff. This can be saved ok and the parameters test ok.</p> <p>When this custom projection is applied to a layer the +no_uoff parameter disappears from the SRS string on the General tab of layer properties and the layer is not projected properly.</p>	

#### History

##### #1 - 2008-09-01 01:17 AM - Maciej Sieczka -

- Resolution set to invalid

- Status changed from Open to Closed

Current stable GDAL interprets EPSG:3078 in the following way:

```
$ epsg_tr.py 3078 -proj4
# NAD83 / Michigan Oblique Mercator
<3078> +proj=omerc +lat_0=45.30916666666666 +lonc=-86 +alpha=337.25556 +k=0.9996 +x_0=2546731.496 +y_0=-4354009.816
+ellps=GRS80 +datum=NAD83 +units=m +no_defs <>
```

As you see there is no no\_uoff parameter above. Since QGIS CRS is created according to GDAL's interpretation of EPSG codes (epsg\_tr.py output) this is not a QGIS issue but a GDAL one.

Please report it to GDAL devs. Once it is fixed in GDAL (i.e. epsg\_tr.py produces a correct proj4 representation of EPSG codes in question) add a notice to this ticket and QGIS CRS database will be updated.

##### #2 - 2009-08-22 12:57 AM - Anonymous

Milestone Version 1.0.0 deleted