

QGIS Application - Bug report #20080

Saving Memory Layer to a file misses Scaling part of the CRS

2018-10-11 06:28 PM - Keith Johnson

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	Projection Support		
Affected QGIS version:	3.2.3		
Operating System:	unspecified		
Pull Request or Patch supplied:	No		
Crashes QGIS or corrupts data:	No	Regression?:	No
		Easy fix?:	No
		Resolution:	
		Copied to github as #:	27902
Description			
<p>I created a custom CRS based on a state plane, and added a +k_0 parameter to make ground references in an image measure correctly.</p> <p>I reprojected a layer of existing vectors into this new CRS in a temporary/memory layer. The features projected correctly onto the map.</p> <p>However, when I used "Layer/Save As..." to save to a file, the saved layer "jumped" to a new location (tested with both geopackage and shapefiles, same behavior).</p> <p>The CRS listed in the Source Tab for the layer properties is NOT my named custom projection, but a USER:100.... that does not include a +k_0 parameter.</p> <p>When I select my custom projection to change the CRS, the feature jumps back to its proper location.</p> <p>So apparently, when saving a layer to a file, not all of the PROJ4 parameters are being included in the CRS of the saved file. This may affect more parameters than just scaling, but I have not tested any others.</p> <p>Keith</p>			
Related issues:			
Related to QGIS Application - Bug report # 20079: CRS with Scaling in PROJ4 c...		Closed	2018-10-11

History

#1 - 2018-10-11 09:43 PM - Saber Razmjooei

- Related to Bug report #20079: CRS with Scaling in PROJ4 causes Vertex Tool to fail added

#2 - 2018-10-12 11:08 AM - Giovanni Manghi

- Operating System deleted (MacOS)