

QGIS Application - Bug report #21650

calculator not returning correct area

2019-03-21 11:33 PM - garret w

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|--|------------------|-------------------------------------|
| Status: | Rejected | |
| Priority: | Normal | |
| Assignee: | | |
| Category: | Field calculator | |
| Affected QGIS version: | 3.4.4 | Regression?: No |
| Operating System: | ubuntu | Easy fix?: No |
| Pull Request or Patch supplied: | No | Resolution: invalid |
| Crashes QGIS or corrupts data: | No | Copied to github as #: 29466 |
| Description | | |
| <p>while using field calculator to calculate acres from ft (state plane 3435 (ft) > acres). I am not getting expected results. I've tried this on QGIS 3.4.4, and 2.18.28.</p> <p>My formula is:</p> <p>\$area * 0.0000229568</p> <p>I double checked in postgis. This is returning expected numbers:</p> <p>st_area(geom) * 0.0000229568</p> | | |

History

#1 - 2019-03-21 11:57 PM - Nyal Dawson

- Resolution set to invalid
- Status changed from Open to Rejected

They are two totally different calculations - the PostGIS one is the equivalent of QGIS'

`area($geometry)*0.0000229568`

The other is an ellipsoidal area, calculated using the settings from your project properties.

#2 - 2019-03-22 04:31 PM - garret w

Ah, I see. Thanks!