

QGIS Application - Bug report #21650

calculator not returning correct area

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

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

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.

My formula is:

```
$area * 0.0000229568
```

I double checked in postgis. This is returning expected numbers:

```
st_area(geom) * 0.0000229568
```

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!