

QGIS Application - Bug report #11919

Calculation of areas in feet off by a factor of 10 in Illinois east projection

2014-12-26 04:41 PM - Doug Newcomb

| | | |
|--|---------|------------------------------|
| Status: | Closed | |
| Priority: | High | |
| Assignee: | | |
| Category: | Vectors | |
| Affected QGIS version: | 2.6.1 | Regression?: No |
| Operating System: | | Easy fix?: No |
| Pull Request or Patch supplied: | | Resolution: duplicate |
| Crashes QGIS or corrupts data: | | Copied to github as #: 20128 |
| Description | | |
| <p>When digitizing in EPSG:3435 (Illinois East (ftUS)) and calculating areas from the \$area value in the field calculator, the areas given are 1/10th of the true value. When digitizing the same area with the projection set to EPSG:26971 (Illinois East (meters)) the \$area measurement is the correct value. Not sure if it's an epsg problem or internal meters to feet conversion problem.</p> <p>I am uploading sample polygons in each projection for the same area covering a square field a bit over 16 ha (40 acres). Platform is ubuntu 14.04 using qgis 2.6.1 from the ubuntuqgis unstable ppa</p> | | |

History

#1 - 2014-12-26 05:15 PM - Doug Newcomb

WMS service for background imagery to see field digitized http://gis.apfo.usda.gov/arcgis/services/NAIP/Illinois_2014_1m_NC/ImageServer/WMSServer

#2 - 2014-12-26 05:17 PM - Doug Newcomb

Using area calculation measurement tool in toolbar gives correct area in meters.

#3 - 2014-12-29 09:06 AM - Giovanni Manghi

- Operating System deleted (Ubuntu Linux 64 bit)
- Category changed from Attribute table to Vectors
- Status changed from Open to Feedback
- OS version deleted (14.04)

it seems to me that this issue is duplicate of #10966, please leave feedback.

#4 - 2015-05-10 02:25 AM - Giovanni Manghi

- Resolution set to duplicate
- Status changed from Feedback to Closed

Files

| | | | |
|-----------------|---------|------------|--------------|
| bch2.zip | 1.62 KB | 2014-12-26 | Doug Newcomb |
| BCH3_meters.zip | 1.63 KB | 2014-12-26 | Doug Newcomb |