

## 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

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	Vectors	
<b>Affected QGIS version:</b>	2.6.1	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> duplicate
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 20128
<b>Description</b>		
<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](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