

# QGIS Application - Bug report #2088

## Buffer produces incorrect results

2009-11-13 07:47 AM - jaanvajakas -

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> Borys Jurgiel	
<b>Category:</b> Python plugins	
<b>Affected QGIS version:</b>	<b>Regression?:</b> No
<b>Operating System:</b> Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> duplicate
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 12148
<b>Description</b>	
<p>To reproduce:</p> <ol style="list-style-type: none"><li>1. Create a new project in QGIS.</li><li>2. Add layer kirdem2.epg4326.shp using Layers -&gt; Add vector layer...</li><li>3. Tools -&gt; Geoprocessing tools -&gt; Buffer(s), set buffer distance to -0.00003, choose output file, click OK.</li></ol> <p>Expected result: an inner buffer of the polygons in platte carree distance (not real distance, as interpreting degrees as meters would be ambiguous)</p> <p>Actual result: certainly not a buffer neither in platte carree distance nor in real geodetic distance nor any other projection. In some places, the buffer exceeds the original polygon border (see qgis_buffer_bug1.png); in some places, the buffer has "pixel artifacts" (qgis_buffer_bug1.png); some islands are missing altogether (qgis_buffer_bug2.png).</p> <p>The input data kirdem2.epg4326.shp is part of the publicly available dataset '01.09.2009a. asustusüksus SHP' (zip - 13,65 MB, 6.11.2009 ) on <a href="http://www.maaamet.ee/index.php?lang_id=1&amp;#38;page_id=272&amp;#38;menu_id=0">http://www.maaamet.ee/index.php?lang_id=1&amp;#38;page_id=272&amp;#38;menu_id=0</a> (I cut a small part out and converted to EPSG:4326 using QGIS).</p>	

### History

#1 - 2009-11-13 07:53 AM - jaanvajakas -

- Resolution set to duplicate

- Status changed from Open to Closed

#2 - 2009-11-13 07:55 AM - jaanvajakas -

Sorry, I somehow managed to create two tickets. The right one is

<https://trac.osgeo.org/qgis/ticket/2089>