

## QGIS Application - Bug report #13092

### Voronoi polygons wrong if adding a 1 m buffer

2015-07-08 07:26 AM - Paolo Cavallini

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Victor Olaya	
<b>Category:</b>	Processing/QGIS	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>		<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> 21159
<b>Description</b>		
<p>When running the exercise john snow from the training manual, the voronoi polygons from QGIS algs are calculated correctly whn using buffer 0, but are wrong if a buffer = 1 m is added. See attached image (a polygon with two points, an one empty)</p>		

#### History

##### #1 - 2015-07-15 04:37 PM - Andrew Bevitt

This looks like a duplicate of #8002

##### #2 - 2015-07-16 01:48 AM - Paolo Cavallini

The phenomenon is different; unsure if the underlying problem is the same.

##### #3 - 2015-07-22 03:52 PM - Andrew Bevitt

If it is a duplicate then the empty polygon is partially covered by the polygon which appears to have two points. Try changing the layer transparency to see if this is the case.

##### #4 - 2015-07-23 02:22 AM - Paolo Cavallini

It is not.

Thanks.

##### #5 - 2015-07-31 10:56 AM - Giovanni Manghi

- Status changed from Open to Closed

- Resolution set to duplicate

The voronoi result with buffer with the "pumps" vector from the training manual dataset has indeed overlapping polygons, and indeed the patch proposed in #8002 solves the issue, at least the one described in this ticket.

##### #6 - 2018-07-31 10:35 AM - Håvard Tveite

The errors caused by using buffer (correct polygons when not using buffer - incorrect when using buffer) still existed in 3.2.

The buffer error should be fixed with a recently merged pull request (<https://github.com/qgis/QGIS/pull/7469>).

#7 - 2018-07-31 10:47 AM - Paolo Cavallini

This is apparently a duplicate. Please add your comment to the other ticket. Thanks.

Files

voronoi.png	19.9 KB	2015-07-08	Paolo Cavallini
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