

QGIS Application - Bug report #9151

zonal stats gives wrong results when features are not overlapped to any raster pixels

2013-12-02 02:28 PM - Giovanni Manghi

Status: Closed	
Priority: High	
Assignee: Marco Hugentobler	
Category: C++ Plugins	
Affected QGIS version: master	Regression?: No
Operating System: Windows	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: No	Copied to github as #: 17784
Description	
<p>Take the linked sample data and run the zonal stats tool.</p> <p>https://www.dropbox.com/s/jb452t5e64j6m70/zs.tar.gz</p> <p>The raster is 1m resolution and all pixels have value = 1.</p> <p>Then the "count" and "sum" columns should have the same value.</p> <p>It happens that for 5 features of the polygon layers the values of this two columns are not the same and are a bit odd.</p> <p>In fact the value of this columns for those features should be "0" or "NULL" because no pixel is overlapped with them.</p> <p>Tested on qgis master. I'll tag this as high priority because it returns wrong results and user may be lead to further issues.</p>	
Related issues:	
Related to QGIS Application - Bug report # 9349: QGis Zonal Statistics Plugin...	Closed 2014-01-15

History

#1 - 2014-03-24 06:29 AM - Alexander Bruy

Dataset not available anymore. Is it possible to upload a new one?

#2 - 2014-03-24 06:34 AM - Giovanni Manghi

Alexander Bruy wrote:

Dataset not available anymore. Is it possible to upload a new one?

Hi Alex, maybe I can upload it later, but anyway it is just enough to use a raster and a polygon features that just partially overlaps the raster (the rest overlaps nulls or even outside the extent of the raster).

#3 - 2014-03-24 06:34 AM - Giovanni Manghi

- Status changed from Open to Feedback

#4 - 2014-03-24 06:42 AM - Alexander Bruy

- File test-shp.zip added

Just tested with raster from QGIS test data (tests/testdata/tenbytenraster.asc) and attached shapefile. Seems works as expected.

#5 - 2014-03-24 06:45 AM - Giovanni Manghi

Alexander Bruy wrote:

| *Just tested with raster from QGIS test data (tests/testdata/tenbytenraster.asc) and attached shapefile. Seems works as expected.*

I will try and let you know.

#6 - 2014-06-20 01:32 PM - Giovanni Manghi

- *Resolution set to fixed/implemented*

- *Status changed from Feedback to Closed*

Files

test-shp.zip	1.51 KB	2014-03-24	Alexander Bruy
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