

QGIS Application - Bug report #12695

GDAL Rasterize does not rasterize vectors with field 0

2015-05-04 12:39 PM - Paolo Cavallini

Status:	Closed	
Priority:	Normal	
Assignee:	Giovanni Manghi	
Category:	Processing/GDAL	
Affected QGIS version:	2.8.1	Regression?: No
Operating System:	unspecified	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 20801
Description		
All records are rasterized, except those with value of the selected field = 0. This seems inappropriate		

History

#1 - 2015-05-04 01:46 PM - Giovanni Manghi

- Status changed from Open to Feedback
- Assignee changed from Victor Olaya to Giovanni Manghi

Cannot confirm on qgis master. Please attach sample data.

#2 - 2015-05-04 10:14 PM - Paolo Cavallini

Done with the basins from exercise data.  
Thanks.

#3 - 2015-05-05 01:25 AM - Giovanni Manghi

Paolo Cavallini wrote:

Done with the basins from exercise data.  
Thanks.

if you mean the training manual exercise data then I cannot see any "basins" layer. Better attach the data is giving you problems.

#4 - 2015-05-05 09:55 AM - Paolo Cavallini

See: [https://github.com/qgis/QGIS-Documentation/tree/master/source/docs/training\\_manual/exercise\\_data/processing/extents](https://github.com/qgis/QGIS-Documentation/tree/master/source/docs/training_manual/exercise_data/processing/extents)

#5 - 2015-05-07 01:24 AM - Giovanni Manghi

I tested on both QGIS master and 2.8.1 on both Linux and Windows and in all cases, with the provided vector, there are no issues and the polygon with attribute = 0 are correctly rasterized to pixels with value = 0.

If you use the tool and choose "byte" as type for output you must pay attention to the value used for nodata, as -9999 cannot fit in such type and so it is automatically changed to 0.

**#6 - 2015-05-07 01:47 AM - Paolo Cavallini**

Got it, thanks. Perhaps a better default could be chosen for nulls?

**#7 - 2015-05-07 02:05 AM - Giovanni Manghi**

maybe is better to change the default type to int16?

**#8 - 2015-05-07 09:16 AM - Paolo Cavallini**

Fixed with commit:fb141e76feb45ee544136b78b356d55e6b19b587

Thanks.

**#9 - 2015-05-07 09:16 AM - Paolo Cavallini**

- *Resolution set to fixed/implemented*

- *Status changed from Feedback to Closed*