

# QGIS Application - Bug report #2304

## In GRASS plugin, r.water.outlet is not working

2009-12-20 01:21 AM - Micha Silver

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> Lorenzo Masini	
<b>Category:</b> GRASS	
<b>Affected QGIS version:</b>	<b>Regression?:</b> No
<b>Operating System:</b> All	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 12364

### Description

I cannot get expected results with the r.water.outlet GRASS module in QGIS 1.3.0. I've tried in a few different locations, on both win and linux setups, and I always get a uniform raster with value 0 covering the whole region.

I recall this working properly in earlier versions of QGIS (pre-1.0)

To duplicate the issue:

In the North Carolina database, run r.watershed using the elevation raster to create flow direction, streams and catchments rasters. Then run r.water.outlet using the resulting flow direction, and a drainage outlet point on the streams raster. Results are always a black raster covering the whole region.

Working in GRASS, outside of QGIS, using the same GRASS database, flow direction, and same easting-northing values results in a correct drainage basin.

### History

#### #1 - 2010-01-06 01:40 AM - Redmine Admin

Works for me (svn trunk) but the output map displayed in qgis with default color map (grayscale) is black.

Are you sure that really the values are 0, try r.stats -c? Try to change in raster layer options the colormap to pseudo color in qgis.

I believe, that the bug is in qgis in rendering of a layer with values 0 and 1 using grayscale colormap. If you confirm this, please close this ticket as invalid and create a new one for this problem.

#### #2 - 2010-01-06 06:20 AM - Micha Silver

- Resolution set to invalid

- Status changed from Open to Closed

Quite right! I apologize for mis-reporting. The module r.water.outlet indeed works, but QGIS displays grayscale values of 0 and 1 as all black, so there's no differentiation of the final watershed. Changing the symbology to pseudocolor (or any other color ramp) will show the resulting watershed correctly.