

QGIS Application - Bug report #3330

Bug: Glitches in Pretty Breaks graduated rendering

2010-12-13 09:04 PM - Alister Hood

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Symbology	
Affected QGIS version:	master	Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 13390
Description		
<p>With some data when using "Pretty Breaks" mode the graduated renderer creates unnecessary categories which are larger than the maximum value in the data. The biggest category still has the maximum value as its upper limit.</p> <p>e.g. in the screenshot attached where the ZN column is used, the maximum value in the data is 1.58</p> <p>in the screenshot where the CU column is used, the maximum value in the data is 0.145</p> <p>Because so many extra columns are created in the CU example the effect on the map is much worse, as all the data ends up in a narrow slice of the colour ramp (all the data is be yellow).</p> <p>I've joined most of the attribute data to some made up shapes and attached it for an example (a few of the shapes got deleted when using the "join attributes" tool for some reason, but it still has the same problems when using "Pretty Breaks").</p>		

Associated revisions

Revision 9d8b9fcb - 2012-10-02 12:47 AM - Giuseppe Sucameli

compute the correct number of categories using Pretty Breaks mode (fix #3330)

History

#1 - 2010-12-14 02:11 PM - Alister Hood

Sometimes using "Pretty Breaks" mode the graduated renderer creates unnecessary categories which are larger than the maximum value in the data. The biggest category still has the maximum value as its upper limit.

Sorry, that explanation might not be clear enough. See the attached screenshots.

#2 - 2011-12-16 01:49 PM - Giovanni Manghi

- Target version changed from Version 1.7.0 to Version 1.7.4

#3 - 2012-04-16 06:24 AM - Paolo Cavallini

- Target version changed from Version 1.7.4 to Version 1.8.0

- Crashes QGIS or corrupts data set to No

- Affected QGIS version set to master

#4 - 2012-05-29 08:48 PM - Alister Hood

- File `fix_pretty_breaks.diff` added
- Assignee deleted (*nobody* -)
- Pull Request or Patch supplied set to Yes
- Status info deleted (0)
- OS version deleted (XP)
- Operating System changed from Windows to All

This fixes it.

**#5 - 2012-08-19 11:50 PM - Alister Hood**

- Priority changed from Low to Normal

I think I was mistaken assigning "Low" priority.

**#6 - 2012-09-04 12:02 PM - Paolo Cavallini**

- Target version changed from Version 1.8.0 to Version 2.0.0

**#7 - 2012-10-01 03:48 PM - Giuseppe Sucameli**

- Status changed from Open to Closed

Fixed in changeset commit:"9d8b9fcb38eb6f0b3177967bc9de7460a91a0a36".

**Files**

pretty_breaks.PNG	24.7 KB	2010-12-13	Alister Hood
pretty_breaks1.PNG	41.5 KB	2010-12-13	Alister Hood
test_temporal_data.zip	2.91 KB	2010-12-13	Alister Hood
fix_pretty_breaks.diff	506 Bytes	2012-05-29	Alister Hood