

QGIS Application - Bug report #4472

Single-band Colormap color wrong on one end of color scale.

2011-10-31 11:09 AM - Thaddeus -

Status: Closed	
Priority: Normal	
Assignee:	
Category: Rasters	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: end of life
Crashes QGIS or corrupts data: No	Copied to github as #: 14399

Description

On the raster layer, the value of 10 should have no color, just like the way it is handled on the other end -- 70 values -- because the color map entered by the user ends on 20 and 70.

This wrong coloring is telling the user that purple color represent values of 20's, such as 20.1, 20.5, 20.999, etc., which is wrong because there are values of 10 too.

History

#1 - 2011-10-31 11:10 AM - Thaddeus -

- File *Test.qgs.png* added

#2 - 2011-11-01 11:24 AM - Thaddeus -

- File *D_sample.png* added

Well, IMHO, this behavior of the color is very confusing and misleading, enough to be called a bug instead of a new feature.

Unless the user is very familiar with the data and calculating the statistics of the band every time he/she loads/test new values/data, big mistakes can be made.

Moreover, some effects can not be realized, such as a mask -- semi-transparent overlay region, say to show tsunami safe areas -- by coloring just the values in the range of 20's (20.1, 20.5, etc, 20.999); for this, one would need to enter two discrete color entries, 20 and 30, resulting in a second unwanted color if a mask is desired (in some cases, when dealing with integer, a work around could be using 100% transparency).

Here are some screenshot:

#3 - 2011-11-01 11:25 AM - Thaddeus -

- File *E_sample.png* added

#4 - 2011-11-01 11:25 AM - Thaddeus -

- File *S_sample.png* added

#5 - 2011-12-16 02:10 PM - Giovanni Manghi

- Target version set to Version 1.7.4

#6 - 2012-04-16 06:31 AM - Paolo Cavallini

- Crashes QGIS or corrupts data set to No

- Affected QGIS version set to master

- Target version changed from Version 1.7.4 to Version 1.8.0

#7 - 2012-09-04 11:56 AM - Paolo Cavallini

- Target version changed from Version 1.8.0 to Version 2.0.0

#8 - 2012-10-05 06:50 AM - Giovanni Manghi

Still confirmed in master.

#9 - 2014-06-28 07:41 AM - Jürgen Fischer

- Target version changed from Version 2.0.0 to Future Release - Lower Priority

#10 - 2017-05-01 01:10 AM - Giovanni Manghi

- Easy fix? set to No

- Regression? set to No

#11 - 2019-03-09 04:04 PM - Giovanni Manghi

- Status changed from Open to Closed

- Resolution set to end of life

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>

Files

Test.zip	17.8 KB	2011-10-31	Thaddeus -
Test.qgs.png	88.9 KB	2011-10-31	Thaddeus -
D_sample.png	18.1 KB	2011-11-01	Thaddeus -
E_sample.png	9.2 KB	2011-11-01	Thaddeus -
S_sample.png	4.89 KB	2011-11-01	Thaddeus -