

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	
<p>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.</p> <p>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.</p>	

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 -