

QGIS Application - Feature request #6754

Add logarithmic distribution to raster symbology

2012-11-23 07:22 AM - Giovanni Manghi

Status:	Open	Resolution: Copied to github as #: 15910
Priority:	Normal	
Assignee:		
Category:	Rasters	
Pull Request or Patch supplied:	No	
Easy fix?:	No	
Description		
see for example here		
http://wiki.gis.com/wiki/index.php/Geometric_Interval_Classification		
"This classification method is used for visualizing continuous data that is not distributed normally".		
The method is already implemented (as "log distribution") in a QGIS plugin called "1 band color table" available in this repo		
http://www.bc-consult.com/free/plugins.xml		

History

#1 - 2017-05-01 12:48 AM - Giovanni Manghi

- Easy fix? set to No

#2 - 2017-09-20 09:36 AM - Richard Duivenvoorde

- Description updated

- File logscale.jpg added

I was looking for a logarithmic (ten) scale for vector data too...

I think (for vector data) it would need some inputs though, like:

- number of classes
- minimum exponent (optionally based on data minimum)
- maximum exponent (optionally based on data minimum)
- if minimum and maximum should be ranges or just 'bigger then' and 'smaller then' as borders of the ranges

A nice default color ramp to use would be range between HSV colors between 0 and 0.6 (see screendump for examples):

see <http://doc.qt.io/qt-4.8/qcolor.html> about HSV coloring

But should maybe be a separate feature request :-)

Files

logscale.jpg	30.5 KB	2017-09-19	Richard Duivenvoorde
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