QGIS Application - Bug report #11049
Wrong properties statistics and style minimum and maximum for grids

2014-08-13 07:36 PM - Miroslav Umlauf

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 #:**	19385

Description

I have geotif grids created by GDAL/QGIS (1 band, Float32) which come up with wrong minimum and maximum values in QGIS. Very dangerous problem for me actually.

As example one grid with double checked min/max values:
minimum: 0, maximum: 13.832950

In the properties statistics of QGIS:
STATISTICS_MAXIMUM=8.1215000152588
STATISTICS_MEAN=0.70247567682259
STATISTICS_MINIMUM=9.9999997171807e-010
STATISTICS_STDDEV=1.2959636169154

Load min/max in style tab in QGIS:
Min: 1e-09
Max: 8.1215

The same if I make 1e-09 as **additional no data value** in transparency tab:
Min: 1e-08
Max: 13.8329

Attached image:
Proof that grid has values over 8.1215 (10 m contour, >10 values both in info tool and value tool)

Related issues:

Related to QGIS Application - Bug report # 10617: Wrong handling no data valu...	**Closed**	**2014-06-18**

History

#1 - 2014-10-23 01:04 PM - Jürgen Fischer

- Category set to Rasters

#2 - 2014-12-02 08:38 PM - Miroslav Umlauf

- File wrong_value.png added

Still the same issue in master. Any chance to get this updated? It has obviously to do something with wrong handling of values - "Float" in python?

#3 - 2014-12-03 12:38 AM - Giovanni Manghi

- Affected QGIS version changed from 2.4.0 to master

- Priority changed from High to Normal

#4 - 2017-05-01 01:08 AM - Giovanni Manghi

- Easy fix? set to No

- Regression? set to No

#5 - 2019-03-09 04:09 PM - Giovanni Manghi

- Resolution set to end of life

- Status changed from Open to Closed

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

wrong_statistics_01.png	82.7 KB	2014-08-13		Miroslav Umlauf
wrong_value.png	19.2 KB	2014-12-02		Miroslav Umlauf