

QGIS Application - Bug report #9343

Raster artefacts on data / no data border

2014-01-15 04:22 AM - Radim Blazek

Status: Closed	
Priority: Normal	
Assignee: Radim Blazek	
Category: Rasters	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 17946

Description

Artefacts appear within raster extent on the left/right side of no null data and on the left / right side of raster extent in pixels with no data, i.e. in pixels which should be transparent.

The artefacts only appear when rendered on screen, screen saved as image or if printed via composer. They don't appear if the raster is saved as rendered image. It means that the raster chain seems to be OK and the artefacts are somehow generated when rendered raster QImage is painted on canvas (blended?).

The artefacts appear in following small patterns

```
0 0 0 0 or 0 1 1 1
1 0 0 0 0 0 1 1
1 1 0 0 0 0 0 1
1 1 1 0 0 0 0 0
```

In attached artefacts1.png snapshot is background color set to black, raster no null values are rendered green and white are artefacts.

History

#1 - 2014-01-15 05:03 AM - Radim Blazek

The artefacts have the same color as RGB part of QgsRasterRenderer::NODATA_COLOR = qRgb(255, 255, 255, 0). It means that the artefact pixels are somehow rendered with alpha = 255 instead of 0.

#2 - 2014-01-15 09:25 AM - Radim Blazek

- Status changed from Open to Closed

Fixed in commit:00efc46784.

This bug was caused by first attempts to fix #9101.

Files

artefacts1.png	4.56 KB	2014-01-15	Radim Blazek
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