

# QGIS Application - Bug report #19676

## Crash while setting style on loading raster

2018-08-23 02:10 PM - Nicholas Boyko

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b> Symbology	
<b>Affected QGIS version:</b> 3.0.3	<b>Regression?:</b> Yes
<b>Operating System:</b> Windows 10 Professional	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> no timely feedback
<b>Crashes QGIS or corrupts data:</b> Yes	<b>Copied to github as #:</b> 27501

### Description

### User Feedback

QGIS crashes every time I load a style on a specific raster. The raster should be rectangular, running SW->NE, but appears as a large bounding rectangle, whereas similar files created the same way appear as the correct shape of rectangle, so I suspect that the raster itself is faulty, causing the crash, although a crappy raster should not bring down QGIS.

### Report Details

**Crash ID:** 73aa49d2ddb692c383e6d1f2cd365390189da717

### Stack Trace

```
QgsColorRampShader::shade :
QgsSingleBandPseudoColorRenderer::block :
QgsBrightnessContrastFilter::block :
QgsHueSaturationFilter::block :
QgsRasterResampleFilter::block :
QgsRasterProjector::block :
QgsRasterIterator::readNextRasterPart :
QgsRasterDrawer::draw :
QgsRasterLayer::draw :
QgsRasterLayer::previewAsImage :
QgsRasterLayerProperties::sync :
QgsRasterLayerProperties::syncToLayer :
QgsRasterLayerProperties::loadStyle_clicked :
QMetaObject::activate :
QAction::activate :
QMenu::actionGeometry :
QMenu::actionGeometry :
QMenu::mouseReleaseEvent :
QWidget::event :
QMenu::event :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QApplicationPrivate::sendMouseEvent :
QSizePolicy::QSizePolicy :
QSizePolicy::QSizePolicy :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QGuiApplicationPrivate::processMouseEvent :
QWindowSystemInterface::sendWindowSystemEvents :
QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
```

```
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QMenu::exec :
QDialogPrivate::operator= :
QMetaObject::activate :
QAbstractButton::clicked :
QAbstractButton::mousePressEvent :
QWidget::event :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QApplicationPrivate::sendMouseEvent :
QSizePolicy::QSizePolicy :
QSizePolicy::QSizePolicy :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QGuiApplicationPrivate::processMouseEvent :
QWindowSystemInterface::sendWindowSystemEvents :
QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main :
BaseThreadInitThunk :
RtlUserThreadStart :
```

#### QGIS Info

QGIS Version: 3.0.3-Girona  
QGIS code revision: commit:8a899c8758  
Compiled against Qt: 5.9.2  
Running against Qt: 5.9.2  
Compiled against GDAL: 2.2.4  
Running against GDAL: 2.2.4

#### System Info

CPU Type: x86\_64  
Kernel Type: winnt  
Kernel Version: 10.0.17134

## History

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### #1 - 2018-08-23 06:17 PM - Giovanni Manghi

- Priority changed from Normal to High
- Description updated
- Status changed from Open to Feedback

Please attach the raster and the style. With the same data and style works as expected on 2.18?

### #2 - 2018-08-23 06:42 PM - Nicholas Boyko

It works for longer on 2.18, but does eventually crash if you move the view around. When loaded on its own in an empty project, QGIS makes it past setting the style, but crashes once you start panning around. It seems that once the raster is outside of the viewing area, it starts to have trouble and crash. I don't

think I am able to share this data as it has not been delivered to client yet, but I can run more tests. QGIS sets the raster's data range to NaN to NaN on import anyway.

## Report Details

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**Crash ID:** 021b1217b1f40c7be6bb467812fca1c5d76ae52b

### Stack Trace

```
QgsColorRampShader::shade :
QgsSingleBandPseudoColorRenderer::block :
QgsBrightnessContrastFilter::block :
QgsHueSaturationFilter::block :
QgsRasterResampleFilter::block :
QgsRasterProjector::block :
QgsRasterIterator::readNextRasterPart :
QgsRasterDrawer::draw :
QgsRasterLayerRenderer::render :
QgsMapRendererCustomPainterJob::doRender :
QgsMapRendererCustomPainterJob::staticRender :
QgsMapRendererJob::renderingTime :
QThreadPoolPrivate::reset :
QThread::start :
BaseThreadInitThunk :
RtlUserThreadStart :
```

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### System Info

CPU Type: x86\_64  
Kernel Type: winnt  
Kernel Version: 10.0.17134

### #3 - 2018-08-23 08:08 PM - Giovanni Manghi

Nicholas Boyko wrote:

*It works for longer on 2.18, but does eventually crash if you move the view around. When loaded on its own in an empty project, QGIS makes it past setting the style, but crashes once you start panning around. It seems that once the raster is outside of the viewing area, it starts to have trouble and crash. I don't think I am able to share this data as it has not been delivered to client yet, but I can run more tests. QGIS sets the raster's data range to NaN to NaN on import anyway.*

without the data (or sample of) and the style it could be hard to help/fix.

### #4 - 2018-11-08 01:31 PM - Giovanni Manghi

Please try on QGIS 3.4.1, if the issue is still valid change the affected version, thanks.

### #5 - 2018-12-27 11:17 AM - Nyal Dawson

- Resolution set to no timely feedback  
- Status changed from Feedback to Closed