

## QGIS Application - Bug report #333

### indexed GeoTIFF raster displays grayscale

2006-10-04 01:54 PM - Redmine Admin

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>	Tim Sutton	
<b>Category:</b>	Rasters	
<b>Affected QGIS version:</b>		<b>Regression?:</b> No
<b>Operating System:</b>	Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 10392
<b>Description</b>		
<p>I am using the Windows version of v0.8 "Titan" Preview 2.</p> <p>The [[GeoTIFF]] file is an 8-bit color raster that has an indexed palette, but it tries to display it as grayscale values.</p> <p>My [[GeoTIFF]] Specs from tiffinfo</p> <pre>\$ tiffinfo.exe O34086-G7.TIF TIFFReadDirectory: Warning, O34086-G7.TIF: unknown field with tag 33550 (0x830e) encountered. TIFFReadDirectory: Warning, O34086-G7.TIF: unknown field with tag 33922 (0x8482) encountered. TIFFReadDirectory: Warning, O34086-G7.TIF: unknown field with tag 34735 (0x87af) encountered. TIFFReadDirectory: Warning, O34086-G7.TIF: unknown field with tag 34737 (0x87b1) encountered. TIFF Directory at offset 0x522f48   Image Width: 4774 Image Length: 5784   Resolution: 1, 1 (unitless)   Bits/Sample: 8   Sample Format: unsigned integer   Compression Scheme: [[PackBits]]   Photometric Interpretation: min-is-black   Orientation: row 0 top, col 0 lhs   Samples/Pixel: 1   Rows/Strip: 1   Planar Configuration: single image plane   Color Map: (present)   Software: IMAGINE TIFF Support   Copyright 1991 - 1999 by ERDAS, Inc. All Rights Reserved   @(#)\$RCSfile: etif.c \$ \$Revision: 1.11 \$ \$Date\$     Tag 33550: 2.400000,2.400000,0.000000     Tag 33922: 0.000000,0.000000,0.000000,511424.042000,3859011.495000,0.000000     Tag 34735: 1,1,0,6,1024,0,1,1,1025,0,1,1,1026,34737,236,0,3072,0,1,26716,3073, 34737,209,236,3076,0,1,9001     Tag 34737: IMAGINE [[GeoTIFF]] Support   Copyright 1991 - 2001 by ERDAS, Inc. All Rights Reserved   @(#)\$RCSfile: egtf.c \$ \$Revision: 1.11.2.3 \$ \$Date: 2004/11/24 09:12:56EST \$   Projection Name = NAD_1927_UTM_Zone_16N   Units = meters   [[GeoTIFF]] Units = meters IMAGINE [[GeoTIFF]] Support   Copyright 1991 - 2001 by ERDAS, Inc. All Rights Reserved   @(#)\$RCSfile: egtf.c \$ \$Revision: 1.11.2.3 \$ \$Date: 2004/11/24 09:12:56EST \$   UTM Zone 16N</pre>		

Ellipsoid = Clarke 1866  
Datum = NAD27|

## History

### #1 - 2006-10-04 02:13 PM - Redmine Admin

Sample is available upon an email request. It is about 1.8MiB Zipped.

### #2 - 2006-11-07 12:04 AM - Gavin Macaulay -

It displays fine for me under Linux with gdal 1.3.2. I suspect that the problem is with gdal rather than qgis - hopefully the next windows package of qgis will use 1.3.2 and should fix the problem.

### #3 - 2006-11-08 12:06 PM - Gavin Macaulay -

With gdal 1.3.1 under linux the file also displays incorrectly, so this appears to be a gdal problem that is resolved in 1.3.2. The next windows build of qgis should then fix this ticket.

### #4 - 2006-11-09 04:02 PM - Gavin Macaulay -

- Resolution set to fixed
- Status changed from Open to Closed

The preview of the windows preview 3 version of qgis, which uses gdal 1.3.2, fixes this problem.

### #5 - 2009-08-22 12:46 AM - Anonymous

Milestone Version 0.8 deleted

## Files

qgis_geotiff_grayscale_bug.png	94.4 KB	2006-10-04	Redmine Admin
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