

QGIS Application - Bug report #12308

Raster fails to load at correct coordinates

2015-03-03 02:04 PM - James Keener

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Rasters	
Affected QGIS version:	2.8.1	Regression?: No
Operating System:	Ubuntu	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 20486

Description

gdalinfo and the properties in QGIS show that the geo info (proper extents and crs) in the tiff are correct, but QGIS makes the extends (0,0) - (pixel width, - pixel height).

gdalinfo:

```
Driver: GTiff/GeoTIFF
Files: /home/jim/Downloads/morningside-overlay.tiff
Size is 2245, 1982
Coordinate System is:
GEOGCS["WGS 84",
  DATUM["WGS_1984",
    SPHEROID["WGS 84",6378137,298.257223563,
      AUTHORITY["EPSG","7030"]],
    AUTHORITY["EPSG","6326"]],
  PRIMEM["Greenwich",0],
  UNIT["degree",0.0174532925199433],
  AUTHORITY["EPSG","4326"]]
Origin = (-79.929058753299998,40.483000685199997)
Pixel Size = (0.000002500000000,0.000002500000000)
Metadata:
  AREA_OR_POINT=Area
Image Structure Metadata:
  INTERLEAVE=BAND
Corner Coordinates:
Upper Left ( -79.9290588, 40.4830007) ( 79d55'44.61"W, 40d28'58.80"N)
Lower Left ( -79.9290588, 40.4879557) ( 79d55'44.61"W, 40d29'16.64"N)
Upper Right ( -79.9234463, 40.4830007) ( 79d55'24.41"W, 40d28'58.80"N)
Lower Right ( -79.9234463, 40.4879557) ( 79d55'24.41"W, 40d29'16.64"N)
Center ( -79.9262525, 40.4854782) ( 79d55'34.51"W, 40d29' 7.72"N)
Band 1 Block=2245x3 Type=Byte, ColorInterp=Gray
```

QGIS Layer > Properties > Metadata > Properties

```
Driver
GDAL provider
VRT
Virtual Raster
Dataset Description
```

Band 1
STATISTICS_MAXIMUM=255
STATISTICS_MEAN=79.984881333519
STATISTICS_MINIMUM=0
STATISTICS_STDDEV=69.159725482519
Dimensions
X: 2245 Y: 1982 Bands: 1
Origin
-79.9291,40.488
Pixel Size
2.5e-06,-2.5e-06
No Data Value
NoDataValue not set
Data Type
Byte - Eight bit unsigned integer
Pyramid overviews
Layer Spatial Reference System
+proj=longlat +datum=WGS84 +no_defs
Layer Extent (layer original source projection)
0.0000000000000000,-1982.0000000000000000 : 2245.0000000000000000,0.0000000000000000
Band
Band 1
Band No
1
No Stats
No stats collected yet

History

#1 - 2015-03-03 05:23 PM - Nyal Dawson

- Status changed from Open to Feedback

Please test with master or the ltr-dev version. This should already be fixed.

#2 - 2015-03-03 11:39 PM - Paolo Cavallini

- Subject changed from Raster fails to load at correct coordinates to Raster fails to load at correct coordinates

#3 - 2015-03-05 10:21 AM - James Keener

- Status changed from Feedback to Closed

1) Apologies for not proofreading the title.

2) As of 2844005 it appears to be correctly loading the file.

Closing. Will reopen if any future revision regresses.

Files

morningside-overlay.tiff

4.25 MB

2015-03-03

James Keener