

QGIS Application - Bug report #14229

Raster in projected CRS is not rendered in geographic CRS if the extent exceeds -180,-90,180,90

2016-02-04 01:26 AM - Radim Blazek

Status: Closed	
Priority: High	
Assignee:	
Category: Rasters	
Affected QGIS version: 2.18.7	Regression?: Yes
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: No	Copied to github as #: 22227
Description	
<p>Raster in projected CRS is not rendered if OTFR is on, project is in geographic CRS and canvas extent exceeds -180,-90,180,90.</p> <p>How to reproduce:</p> <ul style="list-style-type: none">- set OTFR on- set project CRS to EPSG:4326- open qgis_sample_data/raster/landcover.img <p>Nothing is displayed until you zoom to area within -180,-90,180,90 covered by landcover.img</p> <p>It is probably caused by https://github.com/qgis/QGIS/blob/27f1637f/src/core/qgsmrendererjob.cpp#L152</p> <pre>extent = QgsRectangle(-DBL_MAX, -DBL_MAX, DBL_MAX, DBL_MAX);</pre> <p>and consequently https://github.com/qgis/QGIS/blob/27f1637f/src/core/raster/qgsrasterlayerrenderer.cpp#L85 tells "draw request outside view extent".</p>	

Associated revisions

Revision c09c96b0 - 2017-11-14 01:30 PM - Even Rouault

Raster renderer: fix so that raster in projected CRS is not rendered in geographic CRS if the extent exceeds -180,-90,180,90 (fixes #14229)

Revision eefcb318 - 2017-11-14 01:34 PM - Even Rouault

Raster renderer: fix so that raster in projected CRS is not rendered in geographic CRS if the extent exceeds -180,-90,180,90 (fixes #14229)

History

#1 - 2016-02-04 10:58 AM - Giovanni Manghi

- Target version changed from Future Release - High Priority to Version 2.14

#2 - 2017-02-28 12:16 AM - Giovanni Manghi

- Target version changed from Version 2.14 to Version 2.18

- Affected QGIS version changed from master to 2.18.4

#3 - 2017-04-30 05:08 PM - Giovanni Manghi

- *Regression? set to Yes*

#4 - 2017-04-30 05:08 PM - Giovanni Manghi

- *Priority changed from Severe/Regression to High*

#5 - 2017-05-01 01:10 AM - Giovanni Manghi

- *Easy fix? set to No*

#6 - 2017-05-05 01:57 PM - Giovanni Manghi

- *Description updated*

- *Affected QGIS version changed from 2.18.4 to 2.18.7*

#7 - 2017-11-14 01:30 PM - Even Rouault

- *% Done changed from 0 to 100*

- *Status changed from Open to Closed*

Applied in changeset commit:qgis|c09c96b03e5ed6bf043145471974eede2e34bb16.