

QGIS Application - Bug report #19409

[processing] GDAL fillnodata gets wrong mask

2018-07-13 10:34 AM - David Arango

Status:	Closed	
Priority:	Normal	
Assignee:	Luigi Pirelli	
Category:	Processing/GDAL	
Affected QGIS version:	3.3(master)	Regression?: No
Operating System:	everyone	Easy fix?: Yes
Pull Request or Patch applied:	Yes	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 27237
Description		
<p>Using the processing gdal.fillnodata algorithm the input mask is different from the selected raster mask.</p> <p>The command line doesn't use the correct mask and it uses the following mask: "-mask /home/cartolab/Escritorio/resultados/4_out_Z_heights.tif"</p> <pre>gdal_fillnodata.py -md 10 -b 1 -mask /home/cartolab/Escritorio/resultados/4_out_Z_heights.tif -of GTiff /home/cartolab/Escritorio/resultados/4_out_Z_heights.tif /home/cartolab/Escritorio/out_fill_4.tif</pre> <p>This bug is reported by Geomove project, developed by Cartolab</p>		

Associated revisions

Revision 95246e76 - 2018-07-13 11:47 AM - Luigi Pirelli

Mask parameter was wrongly set. Fixes #19409

Revision e2a740be - 2018-07-13 03:19 PM - Luigi Pirelli

Merge pull request #7408 from luipir/fix_gdalfillnodata_issue19409

[processing] Fix wrongly set mask in gdal:fillnodata Fixes #19409

Revision b9e5f4a2 - 2018-07-16 01:00 AM - Luigi Pirelli

Mask parameter was wrongly set. Fixes #19409

History

#1 - 2018-07-13 10:52 AM - Luigi Pirelli

seems the algorithm is affected of different problems

- 1) mask is not passed correctly (wrong interpretation of the parameter use)
- 2) result is not loaded automatically (if set) (not confirmed)

btw seems that mask is not used correctly by gdal command, but this can be a gdal problem that have to be investigated

#2 - 2018-07-13 10:52 AM - Luigi Pirelli

- Easy fix? changed from No to Yes

#3 - 2018-07-13 12:23 PM - Luigi Pirelli

- Pull Request or Patch supplied changed from No to Yes

PR <https://github.com/qgis/QGIS/pull/7408>

with tests

#4 - 2018-07-13 12:59 PM - Luigi Pirelli

Luigi Pirelli wrote:

seems the algorithm is affected of different problems

1) mask is not passed correctly

~~2) result is not loaded automatically (if set) (not confirmed)~~

btw seems that mask is not used correctly by gdal command, but this can be a gdal problem that have to be investigated

mask is processed correctly because they are the selection of nodatavalue areas that have to be processed

#5 - 2018-07-13 03:19 PM - Luigi Pirelli

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|95246e76cdccc6206fd491466553badef08dc578.

#6 - 2018-07-13 04:00 PM - Luigi Pirelli

ported to 3.2 <https://github.com/qgis/QGIS/pull/7410> waiting for merge