

# QGIS Application - Bug report #19409

## [processing] GDAL fillnodata gets wrong mask

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

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Luigi Pirelli	
<b>Category:</b> Processing/GDAL	
<b>Affected QGIS version:</b> 3.3(master)	<b>Regression?:</b> No
<b>Operating System:</b> everyone	<b>Easy fix?:</b> Yes
<b>Pull Request or Patch Applied:</b> Yes	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 27237
<b>Description</b>	
<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|95246e76cdccc6206fd491466553bade08dc578.

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

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