

## QGIS Application - Bug report #15559

### Processing: Clip raster by mask (GDAL) throws an error if the output is a temporary file

2016-09-13 01:40 AM - Filipe Dias

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Victor Olaya	
<b>Category:</b>	Processing/GDAL	
<b>Affected QGIS version:</b>	2.16.2	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 23482
<b>Description</b>		
It works if the user selects "save to file".		
2016-09-13T09:33:17 0 GDAL execution console output		
2016-09-13T09:34:01 0 GDAL execution console output		
2016-09-13T09:34:01 2 Error loading result layer:		
Traceback (most recent call last):		
File "/usr/share/qgis/python/plugins/processing/gui/Postprocessing.py", line 75, in handleAlgorithmResults		
out.name))		
File "/usr/share/qgis/python/plugins/processing/tools/dataobjects.py", line 199, in load		
+ '\		
Check the processing framework log to look for errors')		
RuntimeError: Could not load layer:		
/tmp/processing7a958fa4c8b246d492f2bfb458dc7fcb/d75a7af7c70740fb95780428b2fbf124/OUTPUT.tif		
Check the processing framework log to look for errors		

## History

### #1 - 2016-09-13 01:47 AM - Victor Olaya

just tried in master and it works

Can you confirm that the file is not created?

Aslo, other algorithms work when using temporary filenames?

### #2 - 2016-09-13 02:19 AM - Filipe Dias

The file is correctly generated. I went to:

/tmp/processing7a958fa4c8b246d492f2bfb458dc7fcb/d61725a001ca42c39103e38932849a37

and loaded "Extent.tif" into QGIS sucessfully.

It seems there is something wrong with the import

### #3 - 2016-09-13 02:20 AM - Filipe Dias

I only tried this with GDAL Slope and works as expected

**#4 - 2016-09-15 02:04 AM - Alexander Bruy**

Are you sure that file correctly generated? Because path from your comment

```
/tmp/processing7a958fa4c8b246d492f2bfb458dc7fcb/d61725a001ca42c39103e38932849a37
```

is not the same as path in the error message

```
/tmp/processing7a958fa4c8b246d492f2bfb458dc7fcb/d75a7af7c70740fb95780428b2bfb124
```

**#5 - 2016-09-15 02:16 AM - Filipe Dias**

Yes, I am sure. The paths are different because I tried to run it a second time.

**#6 - 2016-09-15 04:38 AM - Alexander Bruy**

Works for me with QGIS 2.16.2 (7854fe2). Also tested with master and master\_2 — same result, works fine.

**#7 - 2016-09-15 05:32 AM - Filipe Dias**

- *File screenshot.png added*

I've narrowed it down. With the attached files do the following:

- use "Polygon from layer extent" on "shape.shp" and save it as temporary file
- use the above temporary file in "Clip raster by mask layer"
- result in the screenshot

**#8 - 2016-09-15 05:32 AM - Filipe Dias**

- *File issue.tar.gz added*

**#9 - 2016-09-15 06:09 AM - Victor Olaya**

The error is that it is creating a Extent.tif file...while it should be called OUTPUT.tif

No idea why that is happening. I will check

**#10 - 2016-09-15 06:20 AM - Alexander Bruy**

This happens because of exporting vector layers (to handle selection) and updating command with new layer names/paths. Already fixed in master,

master\_2 and backported to 2.14 and 2.16. Please test with latest versions and report.

**#11 - 2016-09-15 08:58 AM - Filipe Dias**

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

Great. I will keep and eye out for this bug in the next point release.

Files			
screenshot.png	287 KB	2016-09-15	Filipe Dias
issue.tar.gz	819 KB	2016-09-15	Filipe Dias