

## QGIS Application - Feature request #15746

### Processing: enable GDALWARP\_IGNORE\_BAD\_CUTLINE YES by default

2016-10-24 04:02 AM - Paolo Cavallini

|   |                 |   |
|---|-----------------|---|
| <b>Status:</b>  | Closed          | <b>Resolution:</b><br><b>Copied to github as #:</b> 23668 |
| <b>Priority:</b>  | Normal          |   |
| <b>Assignee:</b>  | Victor Olaya    |   |
| <b>Category:</b>  | Processing/GDAL |   |
| <b>Pull Request or Patch supplied:</b>  | No              |   |
| <b>Easy fix?:</b>   | No              |   |
| <b>Description</b>  |                 |   |
| <p>Currently gdalwarp fails in Processing and elsewhere:</p> <pre>gdalwarp -ot Float32 -q -of GTiff -cutline watersheds.shp -co<br/>COMPRESS=DEFLATE -co PREDICTOR=1 -co ZLEVEL=6 -wo OPTIMIZE_SIZE=TRUE<br/>dem25.tif OUTPUT.tif</pre> <p>and I get</p> <p>GDAL command output:<br/>Warning 1: Self-intersection at or near point 583.00000000000182 326<br/>ERROR 1: Outline is not valid after transformation</p> <p>A reasonable solution is to add GDALWARP_IGNORE_BAD_CUTLINE YES by default, and perhaps an extra option to disable it.</p> <p>See <a href="https://lists.osgeo.org/pipermail/gdal-dev/2016-October/045341.html">https://lists.osgeo.org/pipermail/gdal-dev/2016-October/045341.html</a> for a detailed explanation.</p> |                 |   |

#### Associated revisions

**Revision 323c6582 - 2016-10-25 04:48 PM - Alexander Bruy**

[processing] add workaround for GDAL regression with cutlines (fix #15746)

#### History

**#1 - 2016-10-24 04:06 AM - Even Rouault**

The above mentionned GDAL 2.1.0 regression will be fixed in the upcoming GDAL 2.1.2 per <https://trac.osgeo.org/gdal/ticket/6694>

**#2 - 2016-10-25 07:48 AM - Alexander Bruy**

Fix pushed to master. Please test

**#3 - 2016-10-25 07:50 AM - Alexander Bruy**

- Status changed from Open to Closed

Fixed in changeset commit:"323c6582c605362dfe6e6db734a40923c9fc3e21".

