QGIS Application - Bug report #21011
raster calculator in processing does not work with Aspect raster
2019-01-16 01:53 PM - Janneke van Dijk

Status: Closed
Priority: Normal
Assignee: Alessandro Pasotti
Category: Processing/QGIS
Affected QGIS version: 3.4.3
Operating System: Windows 10 - 64
Pull Request or Patch supplied: No
Crashes QGIS or corrupts data: No

Regression?: No
Easy fix?: No
Resolution: worksforme
Copied to github as #: 28830

Description
Using the raster calculator in processing, using a simple expression (for example "Aspect@1" > 0) results in an invalid output raster. The same expression with the same input works as expected using the raster calculator under Raster.

To reproduce:
1. Processing>raster terrain analysis>aspect, use srtm_41_19.tif for input, leave the rest default (this successfully creates aspect)
2. Processing>raster analysis>raster calculator, select the created aspect layer for input, use eg "Aspect@1" > 0

Result:
output file seems invalid, under information from provider is shows
STATISTICS_VALID_PERCENT=0
AREA_OR_POINT=Area

History
#1 - 2019-01-16 01:57 PM - Luigi Pirelli
thank you for the detailed issue report

#2 - 2019-01-18 08:45 AM - Alessandro Pasotti
- Assignee changed from Luigi Pirelli to Alessandro Pasotti

#3 - 2019-01-24 04:29 PM - Alessandro Pasotti
- Resolution set to worksforme
- Status changed from Open to Feedback

I cannot reproduce on master, can you try on latest master?

Btw, some steps are missing between 1 and 2: unless you select "Reference layers" (or set all parameters) the algorithm a point 2 will fail.

#4 - 2019-01-25 08:44 AM - Janneke van Dijk
Indeed, downloaded the nightly on Windows and now it works as expected...I guess it is advisable to test potential bugs on master before submitting a bug report :-). Glad it works!

#5 - 2019-01-25 12:40 PM - Giovanni Manghi
- Status changed from Feedback to Closed
<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>srtm_41_19.tif</td>
<td>1.06 MB</td>
<td>2019-01-16</td>
<td>Janneke van Dijk</td>
</tr>
</tbody>
</table>