**QGIS Application - Bug report #21011**

raster calculator in processing does not work with Aspect raster

2019-01-16 01:53 PM - Janneke van Dijk

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Alessandro Pasotti</td>
</tr>
<tr>
<td>Category:</td>
<td>Processing/QGIS</td>
</tr>
</tbody>
</table>

**Affected QGIS version:** 3.4.3  
**Operating System:** Windows 10 - 64  
**Pull Request or Patch supplied:** No  
**Crashes QGIS or corrupts data:** No

**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