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	**Regression?:**	No
Operating System:	Windows 10 - 64	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	worksforme
Crashes QGIS or corrupts data:	No	**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

Files

srtm_41_19.tif	1.06 MB	2019-01-16	Janneke van Dijk