

QGIS Application - Bug report #18870

SAGA ... Channel Network and Drainage Basins fails due to Threshold being passed as a Real when Integer is required

2018-04-27 08:32 PM - Garth Fletcher

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Processing/SAGA	
Affected QGIS version:	3.1(master)	Regression?: No
Operating System:	Mac OS X 10.12.6	Easy fix?: Yes
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 26702
Description Processing > SAGA > Terrain Analysis - Channels > "Channel Network and Drainage Basins" requires only 2 inputs: Elevation (DEM file) and Threshold (Strahler) value. In the Processing dialog, Threshold is handled as a Real (i.e., displayed as 5.000) and the function fails; the log messages panel contains "'5.0' is not a correct numeric value for option 'THRESHOLD'." and shows that the function call included "-THRESHOLD 5.0" In the log's "Usage: saga_cmd ta_channels..." section it describes: -THRESHOLD:<num> Threshold Integer Minimum: 1 Default: 5 Thus the problem appears to be caused by a Real format value being supplied where an Integer value is required. This error does occur in QGIS 3.0.0, 3.0.1 and 3.0.2 This error does NOT occur in QGIS 2.18.15 Note: other SAGA routines also expect an integer Strahler Threshold value and might have similar issues. If someone could tell me how to edit the call I would be happy to test if changing '5.0' to '5' solved the problem.		
Related issues: Related to QGIS Application - Bug report # 19205: SAGA -> Terrain Analysis - ... Closed 2018-06-16		

Associated revisions

Revision c2f224b4 - 2018-05-01 08:55 PM - Nyall Dawson

[processing][saga] Fix "channel network and drainage basins" alg

Fixes #18870

Revision d15b9016 - 2018-05-03 03:23 AM - Nyall Dawson

[processing][saga] Fix "channel network and drainage basins" alg

Fixes #18870

(cherry-picked from c2f224b446)

History

#1 - 2018-05-01 08:55 PM - Nyal Dawson

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|c2f224b4462887bcc252a48b2c3c602bf5aee6bc.

#2 - 2018-06-18 10:39 AM - Jürgen Fischer

- Related to Bug report #19205: SAGA -> Terrain Analysis - Profiles -> Cross profiles gets a float where an integer is required added