

QGIS Application - Bug report #7117

SAGA Grid Calculator does not work when "Use NoData" is set to "Yes"

2013-02-07 02:50 AM - Michal Belcik

Status: Closed	
Priority: Normal	
Assignee: Victor Olaya	
Category: Processing/SAGA	
Affected QGIS version: 2.4.0	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 16190
Description	
When "Use NoData" is set to "Yes", it is not working - works fine only if it is set to "No".	

History

#1 - 2013-02-07 02:56 AM - Giovanni Manghi

- Subject changed from SAGA Grid Calculator to SAGA Grid Calculator does not work when "Use NoData" is set to "Yes"

#2 - 2013-02-07 03:44 PM - Victor Olaya

- Status changed from Open to Feedback

Works fine for me here in both cases. Can you tell us if you have no data values or not in your layer, and the formula used? The SAGA console output will also be helpful

Thanks!

#3 - 2013-02-07 11:13 PM - Giovanni Manghi

Victor Olaya wrote:

Works fine for me here in both cases. Can you tell us if you have no data values or not in your layer, and the formula used? The SAGA console output will also be helpful

Thanks!

the operation is like

$a^{(-0.1)}$

the sample raster is uploading (will post the link in a few minutes)

and the saga output is

SAGA execution console output

1. ## ##### ##

1. ### ## ###

2. ### ## ### ##
 3. ##### ## # #####
 1. # ## ##### # ##
-

library path: /usr/lib/saga
library name: libio_gdal
module name : GDAL: Import Raster
author : (c) 2007 by O.Conrad (A.Ringeler)

go...

Parameters

Grids: No objects
Files: "/home/gio/Desktop/rivers_d_r.tif"

loading: /home/gio/Desktop/rivers_d_r.tif

Driver: ????(null)

Cells: x 2799, y 2786

Bands: 1

Transformation x' = 797460.170000 + x * 10.001518 + y * 0.000000

Transformation y' = 417040.130000 + x * 0.000000 + y * -10.000808

Save grid: /tmp/sextante/1360306986.594.sgrd...

ready

okay

Unknown option 'USE_NODATA'

Usage: Grid Calculator -GRIDS <str> -RESULT <str> [-FORMULA <str>] [-NAME <str>] [-FNAME]

-GRIDS:<str> Grids

Grid list (input)

-RESULT:<str> Result

Grid (output)

-FORMULA:<str> Formula

Text

-NAME:<str> Name

Text

-FNAME Take Formula

Boolean

1. ## ##### ##

1. ### ## ###

2. ### ## ##### ##

3. ##### ## # #####

1. # ## ##### # ##
-

library path: /usr/lib/saga
library name: libgrid_calculus

module name : Grid Calculator
author : Copyrights (c) 2003 by Andre Ringeler

go...

error: Grid file could not be opened.

error: input file [/tmp/sextante/sagagridcalculator73b52d704b404e27963bd67673f69357.tif.sgrd]

error: empty input list [GRIDS]

error: executing module [GDAL: Export Raster]

1. ## ##### ##

1. ### ## ###

2. ### ## ##### ##

3. ##### ## # #####

1. # ## ##### # ##

library path: /usr/lib/saga

library name: libio_gdal

module name : GDAL: Export Raster

author : O.Conrad (c) 2007

go...

Load grid: /tmp/sextante/sagagridcalculator73b52d704b404e27963bd67673f69357.tif.sgrd...

failed

#4 - 2013-02-07 11:21 PM - Giovanni Manghi

Victor Olaya wrote:

Works fine for me here in both cases. Can you tell us if you have no data values or not in your layer, and the formula used? The SAGA console output will also be helpful

Thanks!

Oh well,

the sample data may not be necessary after all, the culprit seems to be te

Unknown option 'USE_NODATA'

does this depends on the SAGA version?

I'm on Ubuntu but pretty sure that the same issue comes up also on Windows...

#5 - 2013-02-07 11:27 PM - Giovanni Manghi

Victor Olaya wrote:

Works fine for me here in both cases. Can you tell us if you have no data values or not in your layer, and the formula used? The SAGA console output will also be helpful

Thanks!

<https://www.dropbox.com/s/ly0zvsxvo4uss6e/rivers.tar.bz2>

#6 - 2014-10-04 11:56 AM - Giovanni Manghi

- *Project changed from 78 to QGIS Application*
- *Crashes QGIS or corrupts data set to No*
- *Affected QGIS version set to 2.4.0*
- *Category deleted (56)*

#7 - 2014-10-04 11:57 AM - Giovanni Manghi

- *Category set to Processing/SAGA*

#8 - 2015-05-24 05:42 AM - Giovanni Manghi

- *Status changed from Feedback to Closed*