# QGIS Application - Bug report #14639
## Zonal statistics generates wrong numbers under Linux

2016-04-08 02:55 AM - Paolo Cavallini

| | | | |
|---|---|---|---|
| **Status:** | Closed | | |
| **Priority:** | Normal | | |
| **Assignee:** | Victor Olaya | | |
| **Category:** | Processing/QGIS | | |
| **Affected QGIS version:** | master | **Regression?:** | No |
| **Operating System:** | Linux | **Easy fix?:** | No |
| **Pull Request or Patch supplied:** | No | **Resolution:** | |
| **Crashes QGIS or corrupts data:** | No | **Copied to github as #:** | 22603 |

**Description**

Generating zonal stats from processing (the qgis command) results in numbers that are not correctly sorted (see attached).

## Associated revisions

**Revision 77d95b0d - 2016-04-26 07:44 PM - Alexander Bruy**

[processing] don't write NaN's to attribute table (fix #14639)

**Revision 6b02745e - 2016-04-26 07:45 PM - Alexander Bruy**

[processing] don't write NaN's to attribute table (fix #14639)

(cherry picked from commit 77d95b0d655022ab5c9f1927fa0a8ddb492b44df)

## History

**#1 - 2016-04-08 04:34 AM - Alexander Bruy**

*- Status changed from Open to Feedback*

Can not reproduce with my test data using latest master under Linux. Can you share sample?

**#2 - 2016-04-08 05:24 AM - Paolo Cavallini**

Try the geomorpho example form the training manual.
Thanks.

**#3 - 2016-04-08 07:39 AM - Alexander Bruy**

Checked https://github.com/qgis/QGIS-Documentation/blob/master/source/docs/training_manual/processing/geomorpho.rst and it does not contains any links to sample data. I can use any DEM raster for it, right?

**#4 - 2016-04-09 12:04 AM - Paolo Cavallini**

Data are here: https://github.com/qgis/QGIS-Documentation/tree/master/source/docs/training_manual/exercise_data/processing/more_backends

**#5 - 2016-04-09 01:43 AM - Giovanni Manghi**

*- File zs.dbf.zip added*

if by wrong results you mean this

https://lists.osgeo.org/pipermail/qgis-developer/attachments/20160407/902f8dd0/attachment.png

then no, I cannot confirm here (result attached).

**#6 - 2016-04-09 01:53 AM - Paolo Cavallini**

*- File zs2.zip added*

Interesting. Then it might be due to local factors (IT locale?). My command:

"/usr/share/qgis/python/plugins/processing/algs/qgis/ZonalStatistics.py", line 230, in processAlgorithm
        attrs.insert(idxMin, float(masked.min()))

Results attached.

**#7 - 2016-04-09 02:32 AM - Giovanni Manghi**

*- Subject changed from Zonal statistics generates wrong numbers to Zonal statistics generates wrong numbers under Linux*

*- Status changed from Feedback to Open*

*- Operating System set to Linux*

*- Affected QGIS version changed from 2.14.0 to master*

it is just a Linux thing.

**#8 - 2016-04-26 10:44 AM - Alexander Bruy**

*- Status changed from Open to Closed*

Fixed in changeset commit:"77d95b0d655022ab5c9f1927fa0a8ddb492b44df".

**Files**

| | | | |
|---|---|---|---|
| zs.dbf.zip | 119 KB | 2016-04-08 | Giovanni Manghi |
| zs2.zip | 115 KB | 2016-04-08 | Paolo Cavallini |