

# QGIS Application - Bug report #4324

## wrong scale in print composer?

2011-09-26 08:18 AM - Otto Dassau

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Map Composer/Printing	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b> Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> worksforme
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 14261

### Description

Hi,

using the print composer there are sometimes sudden scale changes within a map window. They appear in raster layers (aerial imagery) and vector shape layer (parcel boundaries). Details are visible in the desktop segment of the program interface and in the resulting generated print. See figures scale\_dependent\_shift1.png and scale\_dependent\_shift2.tif.

What could be the reason for it?

Thanks a lot  
Otto

### History

#### #1 - 2011-09-27 05:16 AM - Bill Williamson

Hi Otto,  
there was a ticket a while back lodged by Nathan which was consistent with my experience, there was an offset problem when generating pdf maps directly out of composer. We found that printing to an installed pdf printer did not have the problem. I can't find the old ticket and presume there has been some fix, but perhaps the same territory as your problem.

I don't fully understand your example (I see a problem but the blue arrow points to ? and I don't read German)

Any more detail from your end?

cheers

#### #2 - 2011-11-12 05:51 AM - Tim Sutton

- Target version changed from Version 1.7.1 to Version 1.7.2

#### #3 - 2011-11-30 12:40 PM - Giovanni Manghi

- Target version changed from Version 1.7.2 to Version 1.7.3

#### #4 - 2011-12-16 10:54 AM - Giovanni Manghi

- Target version changed from Version 1.7.3 to Version 1.7.4

#### #5 - 2012-04-16 06:29 AM - Paolo Cavallini

- Crashes QGIS or corrupts data set to No

- Target version changed from Version 1.7.4 to Version 1.8.0

- Affected QGIS version set to master

**#6 - 2012-07-10 08:43 AM - Marco Hugentobler**

- Status changed from Open to Feedback

Is this still true with latest master?

**#7 - 2012-09-04 11:57 AM - Paolo Cavallini**

- Target version changed from Version 1.8.0 to Version 2.0.0

**#8 - 2013-05-18 09:07 AM - Giovanni Manghi**

- Status changed from Feedback to Closed

- Resolution set to worksforme

closing for lack of feedback, reopen if necessary.

**#9 - 2013-10-28 07:41 AM - Thaddeus -**

- Status changed from Closed to Reopened

I just came across this erratic behavior of the scale on the Map object of the Composer: after reopening the QGS file, the scale edit box shows a different number (from 240 to 244) and features on the Map object are off the original place.

Also, when manually setting the Map Extents and switching to the Map tab and back to Map Extents, the map corners are rounded off to slightly different numbers, eg, from -7073732.123 to -7073732.118.

Tried this on QGIS 1.8 and 2.0 on Linux and also on MSWin with same results.

My 2 cents:

The ComposerMap entry on the main XML file is saving the map corners in scientific notation rounding off the number to the closets 10m number: it's using only 5 decimal places.

On my test, the CRS is a Modified Mercator (900913) that needs numbers as large as 26706198.518000 meters.

```
<Composer title="Composer 5" visible="1">
  <ComposerMap ... >
    <Extent ymin="5.56758e+06" xmin="-7.07373e+06" ymax="5.56764e+06" xmax="-7.07363e+06"/>
    ...
  </ComposerMap>
  ...
</Composer>
```

**#10 - 2014-04-06 06:03 AM - Jürgen Fischer**

- Category changed from 33 to Map Composer/Printing

**#11 - 2014-06-28 07:40 AM - Jürgen Fischer**

- Target version changed from Version 2.0.0 to Future Release - Lower Priority

**#12 - 2014-10-22 12:23 AM - Nyall Dawson**

- Status changed from Reopened to Feedback

Is this still an issue? I can't reproduce it and suspect it's been solved.

**#13 - 2014-11-22 10:12 AM - Giovanni Manghi**

- Status changed from Feedback to Closed

closing for lack of feedback, reopen if necessary.

#### Files

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scale_dependent_shift1.png	253 KB	2011-09-26	Otto Dassau
scale_dependent_shift2.tif	245 KB	2011-09-26	Otto Dassau