

## QGIS Application - Bug report #12403

### Labels get cut off from map canvas for some rotation / aspect ratio combinations

2015-03-18 11:28 PM - Mike Taves

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Labelling	
<b>Affected QGIS version:</b> 2.8.1	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> duplicate
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 20577

#### Description

Since QGIS 2.8, labels are removed from the canvas that would normally showed in QGIS 2.6. Consider some gridded point data, provided from PostGIS:

```
DROP TABLE IF EXISTS qqgistest;
CREATE TABLE qqgistest(
  gid serial PRIMARY KEY,
  name character(7)
);
SELECT AddGeometryColumn('qqgistest', 'geom', 2193, 'POINT', 2);
INSERT INTO qqgistest(geom)
SELECT ST_SetSRID(ST_MakePoint(i * 1000 + 1200000, j * 1000 + 5000000), 2193)
FROM generate_series(0, 20) AS i, generate_series(0, 15) AS j;
UPDATE qqgistest SET name = substring(md5(geom::text) for 7);
```

Create a default sized map composer (e.g. A4) with a map placed in the center with a scale of about 50000. I've also added a North arrow. The points should have a label.

With most map rotations, such as 0° or 180°, everything looks normal:

<http://i.imgur.com/uelRB4v.png>

With a rotation of 90°, labels are clipped off the left and right sides:

<http://i.imgur.com/3i91pjs.png>

And similar at 270° too. From the last image, it appears that the labels that were clipped off have the same width as the height of the map.

Using a different aspect ratio shows a similar phenomena, but now clipped on the top and bottom sides:

<http://i.imgur.com/RWqRvl5.png>

Also note that the phenomena happens near 90°/270°, for example here is 75°:

<http://i.imgur.com/1CJF3zJ.png>

But you wouldn't suspect a problem at 60°

<http://i.imgur.com/Y8ykeKj.png>

#### History

#1 - 2015-03-19 12:20 AM - Mike Taves

- *Tag set to rotation*
- *Category set to Labelling*

**#2 - 2015-03-19 04:59 AM - Nyal Dawson**

- *Resolution set to duplicate*
- *Status changed from Open to Closed*

Duplicate of #12388