

## QGIS Application - Bug report #15598

### QGIS fails to display features near 180 degrees longitude at some scales

2016-09-21 12:57 PM - Brent Wood

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	Map Canvas	
<b>Affected QGIS version:</b>	2.16.2	<b>Regression?:</b> No
<b>Operating System:</b>	Linux	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> not reproducible
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 23521
<b>Description</b>		
<p>We have a Specify collection database (native non spatial MySQL: <a href="http://specifyx.specifysoftware.org/">http://specifyx.specifysoftware.org/</a>)</p> <p>I have set up a Postgis database using Postgres FDW to access the MySQL tables, &amp; create a view for bio observations with a Postgis point feature for the location.</p> <p>I can open this view in QGIS &amp; plot the points (around New Zealand).</p> <p>To ensure points across 180 are displayed in a 180 centric map, the points are in EPSG:4326, lat/long degrees, but the project CRS is EPSG:3994.</p> <p>When zoomed out any points near the 180 line of longitude are not displayed - there is a gap in the map.</p> <p>As I zoom in, these points "magically" appear.</p> <p>To check for a Postgis issue - I have save the Postgis points layer as a shapefile and opened that as well. The same behaviour is exhibited.</p> <p>I'm using QGIS v2.16.</p> <p>I may be able to provide some funding for a bug fix, if necessary.</p> <p>3 images provided - the points not being displayed change with scale, the 3rd file seems to plot all the points as the scale increases (zooming in)</p> <p>This is in QGIS v2.16.2, but also occurs in earlier versions tested.</p>		

#### History

##### #1 - 2016-09-21 12:58 PM - Brent Wood

I'm not sure if the files attached - can provide shapefile & images if required...

##### #2 - 2016-09-25 07:29 PM - Brent Wood

Probably related - if I use the select rectangle tool for points crossing 180, I get a selection which lies W of the region I drew on the map, not the region I selected.

##### #3 - 2016-10-03 05:59 AM - Martin Dobias

Please attach the screenshots and the shapefile for testing - there are no attachments in this ticket...

**#4 - 2016-10-03 05:59 AM - Martin Dobias**

- *Status changed from Open to Feedback*

**#5 - 2017-01-03 07:49 AM - Giovanni Manghi**

- *Resolution set to not reproducible*

- *Category changed from Browser to Map Canvas*

- *Status changed from Feedback to Closed*

- *Operating System changed from Linuz to Linux*

Closing for lack of feedback, please reopen if necessary.