

QGIS Application - Bug report #18323

Multi-part Polygon is not mapped with shortest segments

2018-03-03 08:49 PM - Michael Miller

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Projection Support	
Affected QGIS version:	2.18.16	Regression?: No
Operating System:	Microsoft Windows Pro 10, version 1709	Easy fix?: No
Pull Request or Patch supplied:		Resolution: duplicate
Crashes QGIS or corrupts data:		Copied to github as #: 26213
Description I loaded the edna coverage from USGS into QGIS 2.18.16 and the display with Google Physical as backdrop is attached as an image. The second polygon from the top is not using shortest path segments to construct the internal area (blue). Seems to me like a major issue if its occurrence within the program is unpredictable.		
Related issues: Duplicates QGIS Application - Bug report # 13380: reprojection of lat/long li... Closed 2015-09-18		

History

#1 - 2018-03-03 10:16 PM - Michael Miller

- File *ge.png* added
- File *tatuk.png* added

Revision: I misunderstood what I saw earlier. After opening the same file in Tatuk viewer, it looks like the big polygon over Alaska and the small triangle over Siberia are not being separated properly, because they appear to be combined by QGIS into a single polygon. The file is available from the USGS at <https://dds.cr.usgs.gov/ee-data/coveragemaps/shp/ee/edna/edna.zip>

#2 - 2018-03-03 10:18 PM - Giovanni Manghi

- Priority changed from *High* to *Normal*
- Assignee deleted (*Victor Olaya*)
- Category changed from *Processing/Modeller* to *Projection Support*

Michael Miller wrote:

Revision: I misunderstood what I saw earlier. After opening the same file in Tatuk viewer, it looks like the big polygon over Alaska and the small triangle over Siberia are not being separated properly, because they appear to be combined by QGIS into a single polygon. The file is available from the USGS at <https://dds.cr.usgs.gov/ee-data/coveragemaps/shp/ee/edna/edna.zip>

the problem is a projection one, you have features crossing the dateline, and they are always a pain. I'm sure there is/are other tickets about it, please try do a search, if you find any close this as duplicate.

#3 - 2018-03-03 10:18 PM - Giovanni Manghi

- Status changed from *Open* to *Feedback*

#4 - 2018-08-23 01:00 AM - Giovanni Manghi

- Status changed from Feedback to Closed
- Resolution set to duplicate

Duplicate of #13380

#5 - 2018-08-23 09:18 AM - Jürgen Fischer

- Duplicates Bug report #13380: reprojection of lat/long lines across 180 in mercator map fails added

Files

ednaPolygons.png	226 KB	2018-03-03	Michael Miller
tatuk.png	22 KB	2018-03-03	Michael Miller
ge.png	503 KB	2018-03-03	Michael Miller