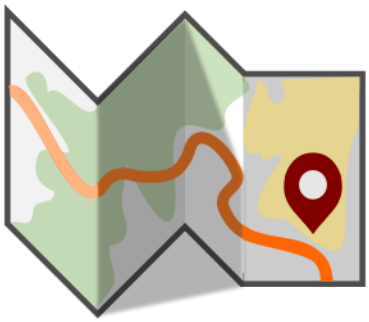
Importing Spreadsheets or CSV files

QGIS Tutorials and Tips



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http://google.com/+UjavalGandhi

Translations by

SongHyun Choi

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NOAA□ □□□□□□□□□□□□ □□□□ 2150□□□□□□ □□□□□ □□□□ □□ □□□□□□□□ □□□□□ □□□□□. Learn more.

Download Significant Earthquake Database text file.

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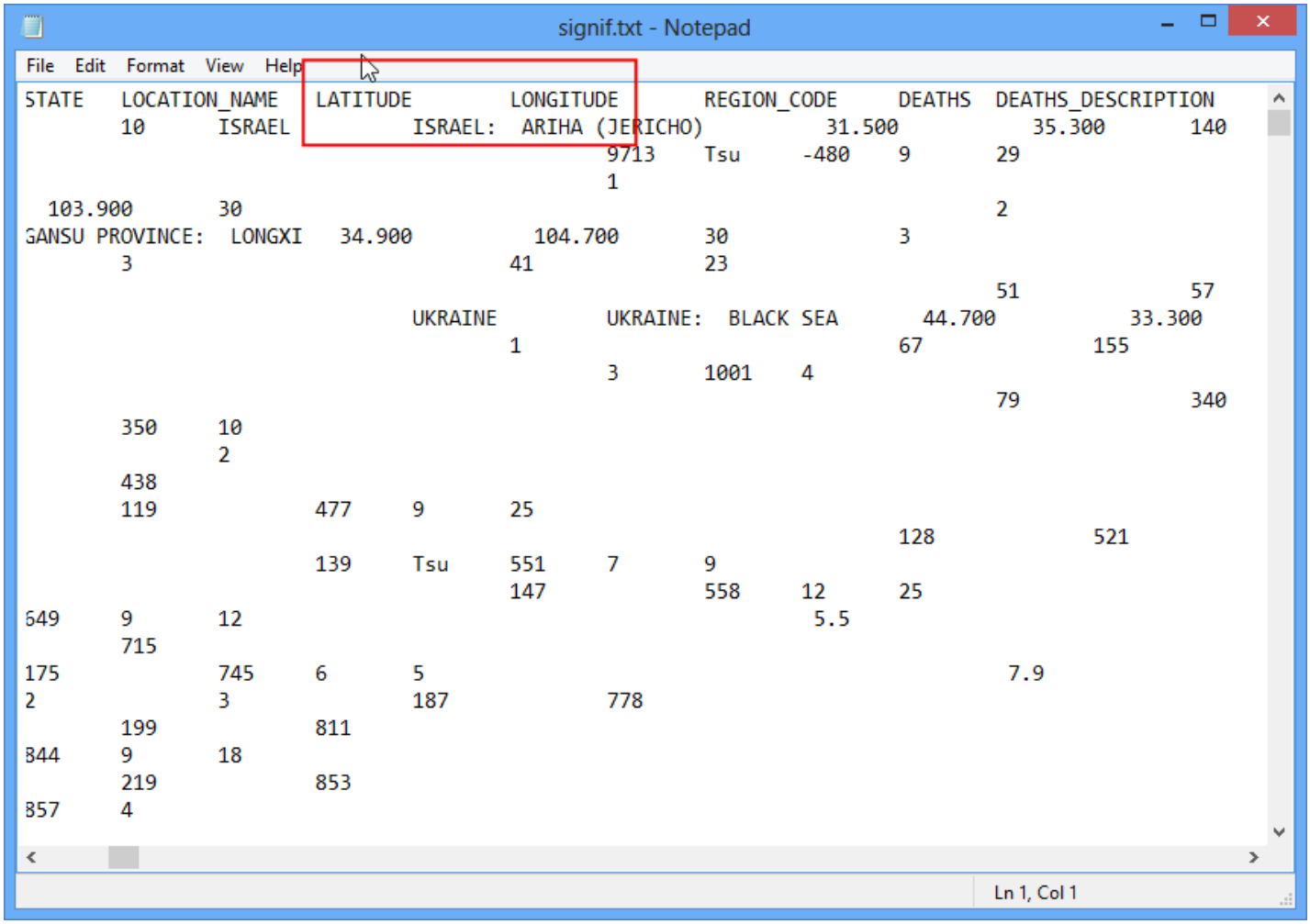
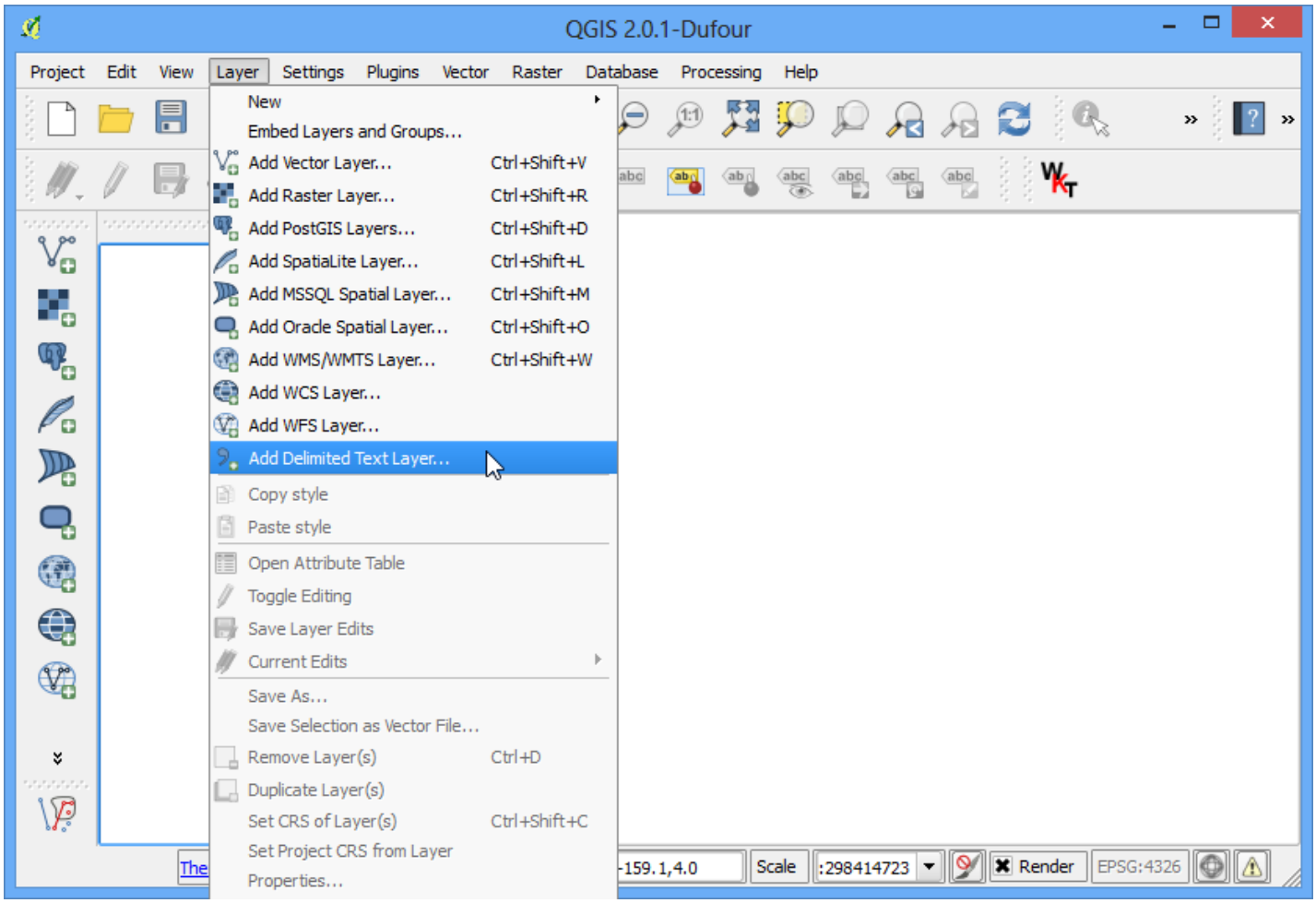


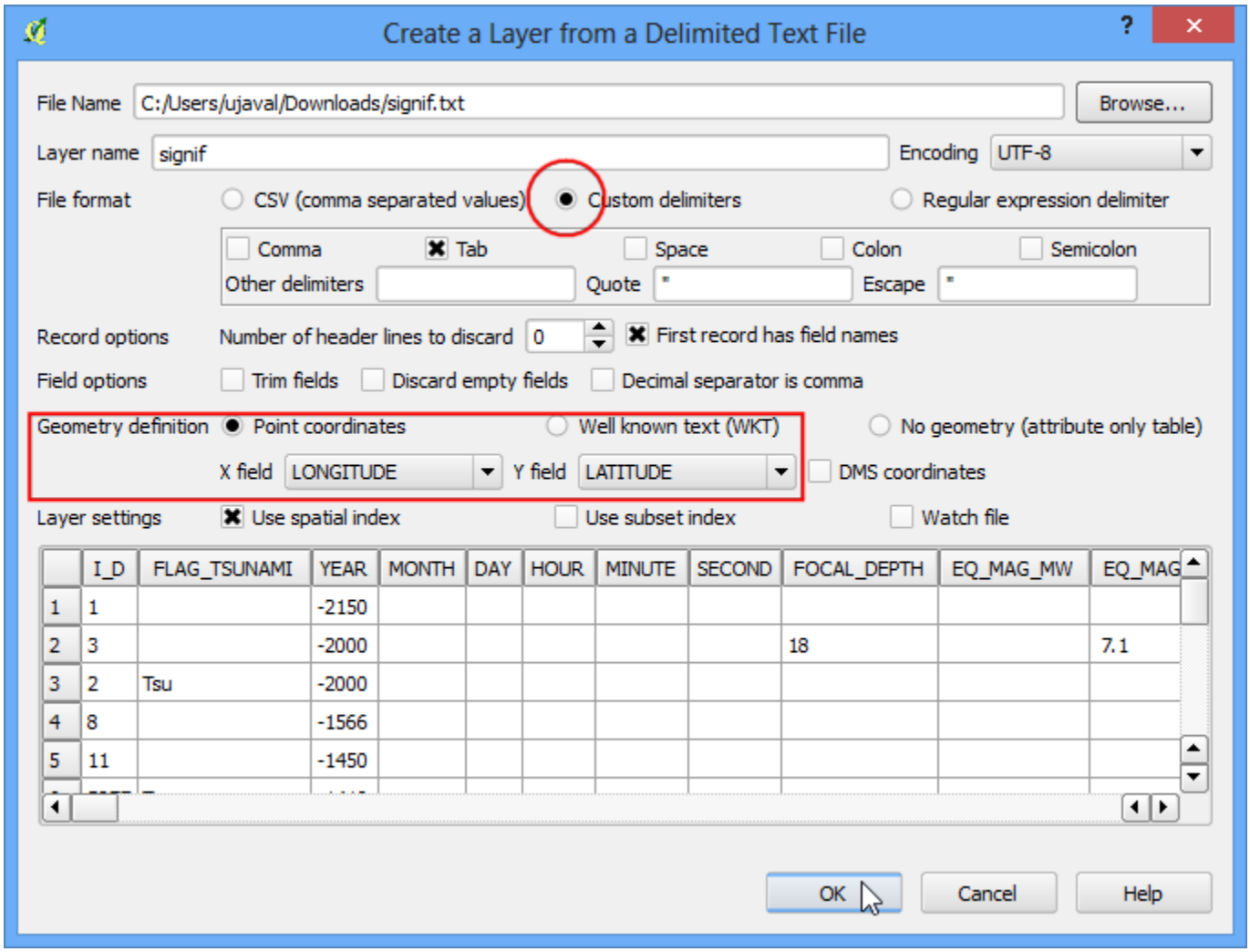
2. QGIS□ □□ :menuselection:`Layers --> Add Delimited Text Layer`□ □□□□□□.



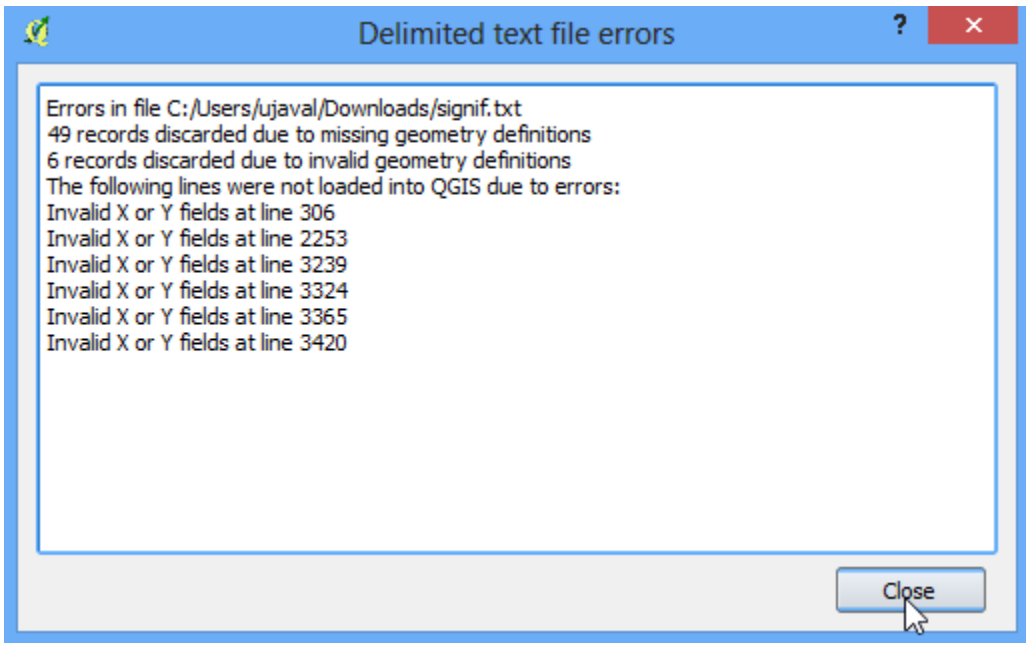
3. Create a Layer from a Delimited Text File □□□□□□□ Browse □ □□□□ □□□□□ □□□□□□ □□□ □□□□. :guilabel:`File format`□□ :guilabel:`Custom delimiters`□ □□□□ :guilabel:`Tab`□ □□□□□. :guilabel:`Geometry definition`□□□ □□□ X, Y□□□ □□□□ □□□□□ □□□ □□□□□. □□□□ *LONGITUDE*□ *LATITUDE*□□□. □□ □□□ □□□ □□□□□ □□□ □ □ □□□□. :guilabel:'OK'□ □□□□□.

Note

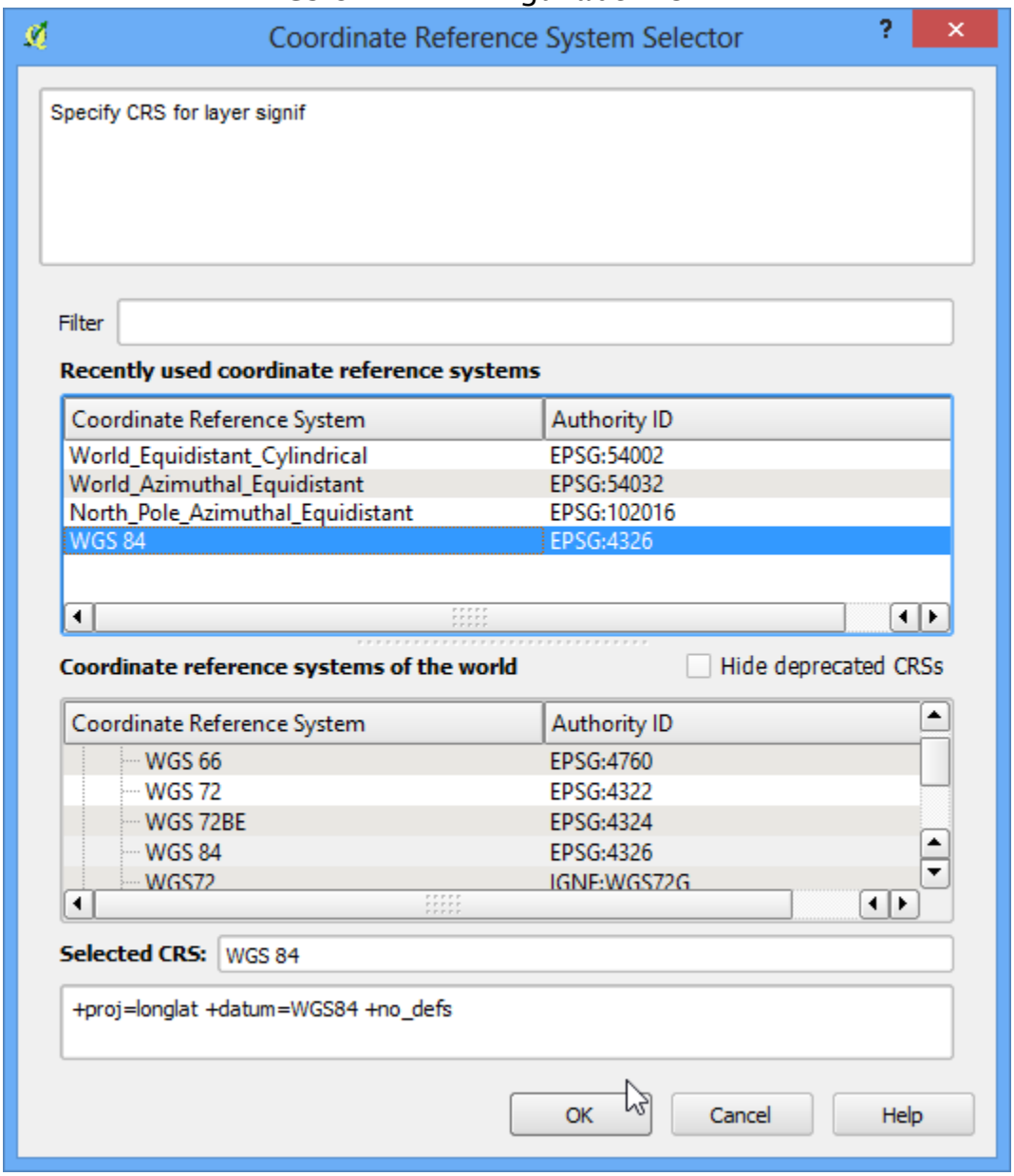
X□ Y□ □□□ □□□□ □□□□. □□ Latitude□ □□ □-□□□□ □□□□ **Y**□□□ □□□. □□□□□ □□ Longitude□ □□ □-□□□□ □□□□ **X**□□□ □□□.


Create a Layer from a Delimited Text File
File Name
C:/Users/ujaval/Downloads/signif.txt
Browse...
Layer name
signif
Encoding
UTF-8
File format
CSV (comma separated values)
Custom delimiters
Regular expression delimiter
Comma
Tab
Space
Colon
Semicolon
Other delimiters
Quote
"
Escape
"
Record options
Number of header lines to discard
0
First record has field names
Field options
Trim fields
Discard empty fields
Decimal separator is comma
Geometry definition
Point coordinates
Well known text (WKT)
No geometry (attribute only table)
X field
LONGITUDE
Y field
LATITUDE
DMS coordinates
Layer settings
Use spatial index
Use subset index
Watch file
I_D FLAG_TSUNAMI YEAR MONTH DAY HOUR MINUTE SECOND FOCAL_DEPTH EQ_MAG_MW EQ_MAG
1 1 -2150
2 3 -2000 18 7.1
3 2 Tsu -2000
4 8 -1566
5 11 -1450
OK
Cancel
Help

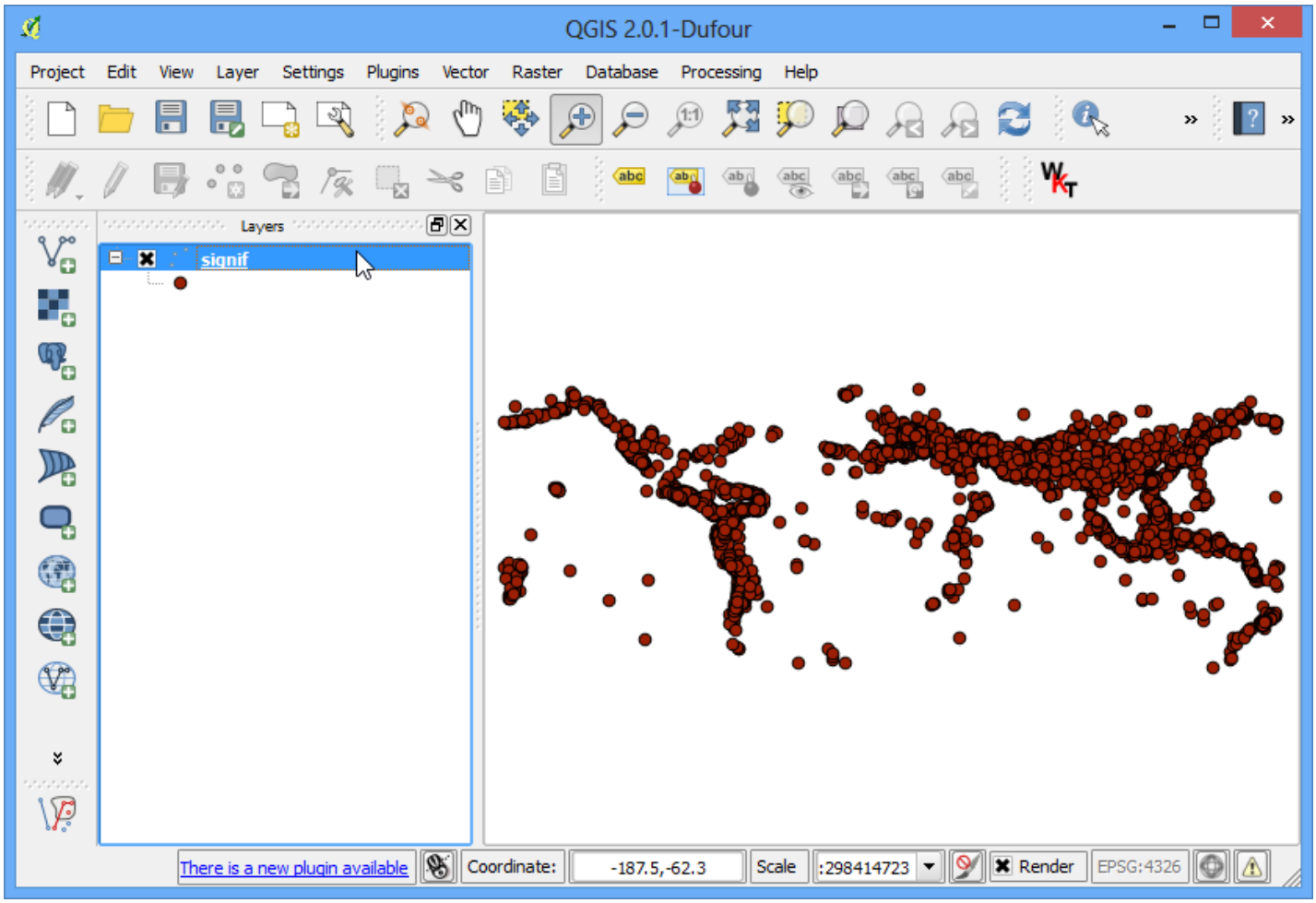
4. □□ □□□□□□□□ □□□□□□□ □□□□ □□□□. □ □□□□ □□ X, Y□□□□ □□□□ □□ □□□□□□. □ □□□□□□ □□□□ □□□□□ □□□□ □ □□□□□. □□□□□ □□□□ □□□□□□ □□□□□□.


Delimited text file errors
Errors in file C:/Users/ujaval/Downloads/signif.txt
49 records discarded due to missing geometry definitions
6 records discarded due to invalid geometry definitions
The following lines were not loaded into QGIS due to errors:
Invalid X or Y fields at line 306
Invalid X or Y fields at line 2253
Invalid X or Y fields at line 3239
Invalid X or Y fields at line 3324
Invalid X or Y fields at line 3365
Invalid X or Y fields at line 3420
Close

5. □□□□ :guilabel:`Coordinate Reference System Selector`□□ □□□ CRS□ □□□□ □□□. □□ □□□ □□□ □□□□□ `WGS 84'□ □□□□ :guilabel:`OK'□ □□□□□.



6. □□□ □□□□ □□□□□□ QGIS□□□□ □□□□ □□ □ □ □□ □□□□.


QGIS 2.0.1-Dufour
Project
Edit
View
Layer
Settings
Plugins
Vector
Raster
Database
Processing
Help
Layers
signif
There is a new plugin available
Coordinate:
-187.5,-62.3
Scale
:298414723
Render
EPSG:4326