

Importing Spreadsheets or CSV files

QGIS Tutorials and Tips



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How to export data from QGIS to CSV

QGIS is a free and open source GIS. It can be used to create maps, analyze spatial data, and export data to various formats. One of the most common formats is CSV (Comma Separated Values). This tutorial will show you how to export data from QGIS to CSV.

Exporting data from QGIS to CSV

There are two main ways to export data from QGIS to CSV: using the QGIS interface or using the command line.

Exporting data from QGIS to CSV using the QGIS interface

NOAA's National Geophysical Data Center
Significant Earthquake Database
[NGDC]

Exporting data from QGIS to CSV using the command line

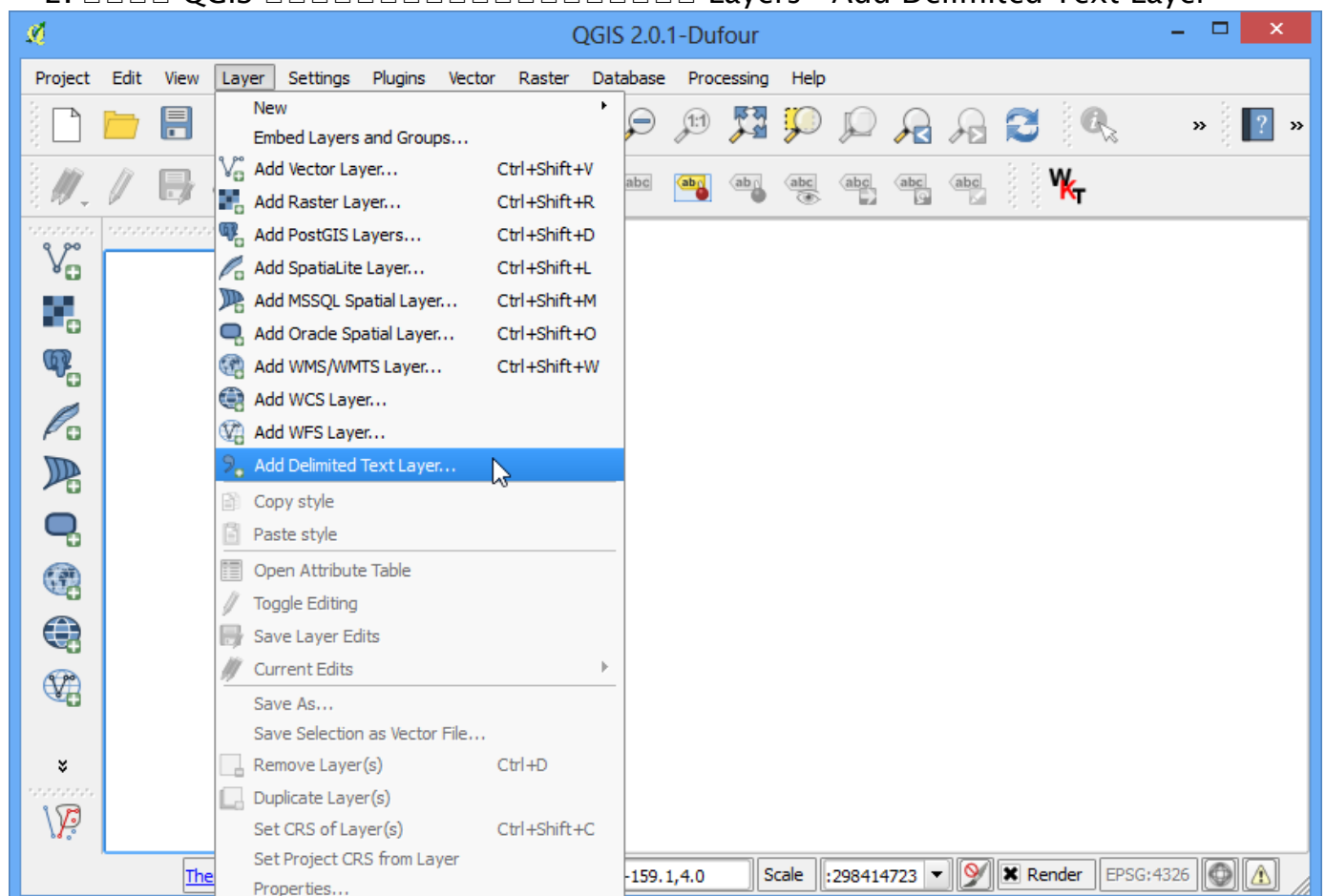
1. Open the QGIS interface and load the data you want to export. In this example, we will use the Significant Earthquake Database. Click on the 'Layer' menu and select 'Save As...'. In the 'Save As' dialog, set the 'Format' to 'CSV' and the 'Encoding' to 'UTF-8'. Click on the 'Save' button. The data will be exported to a CSV file. You can then open this file in a text editor like Notepad.

signif.txt - Notepad

STATE	LOCATION_NAME	LATITUDE	LONGITUDE	REGION_CODE	DEATHS	DEATHS_DESCRIPTION
10	ISRAEL	ISRAEL: ARIHA (JERICHO)	31.500	35.300	140	
		9713	Tsu	-480	9	29
		1				
103.900	30				2	
GANSU PROVINCE:	LONGXI	34.900	104.700	30	3	
		3	41	23		
		UKRAINE	UKRAINE: BLACK SEA	44.700	51	57
		1		67		155
		3	1001	4		
					79	340
	350	10				
		2				
	438					
	119		477	9	25	
			139	Tsu	551	7
			147	9	558	12
					5.5	25
549	9	12				
	715					
175		745	6	5		7.9
2		3		187		
				778		
	199		811			
844	9	18				
	219		853			
857	4					

Ln 1, Col 1

2. QGIS Layers > Add Delimited Text Layer



3. Create a Layer from a Delimited Text File Browse
 File format Custom
 delimiters Tab Geometry definition
 X Y
 LONGITUDE LATITUDE
 OK

Note

X Y
 Y
 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)

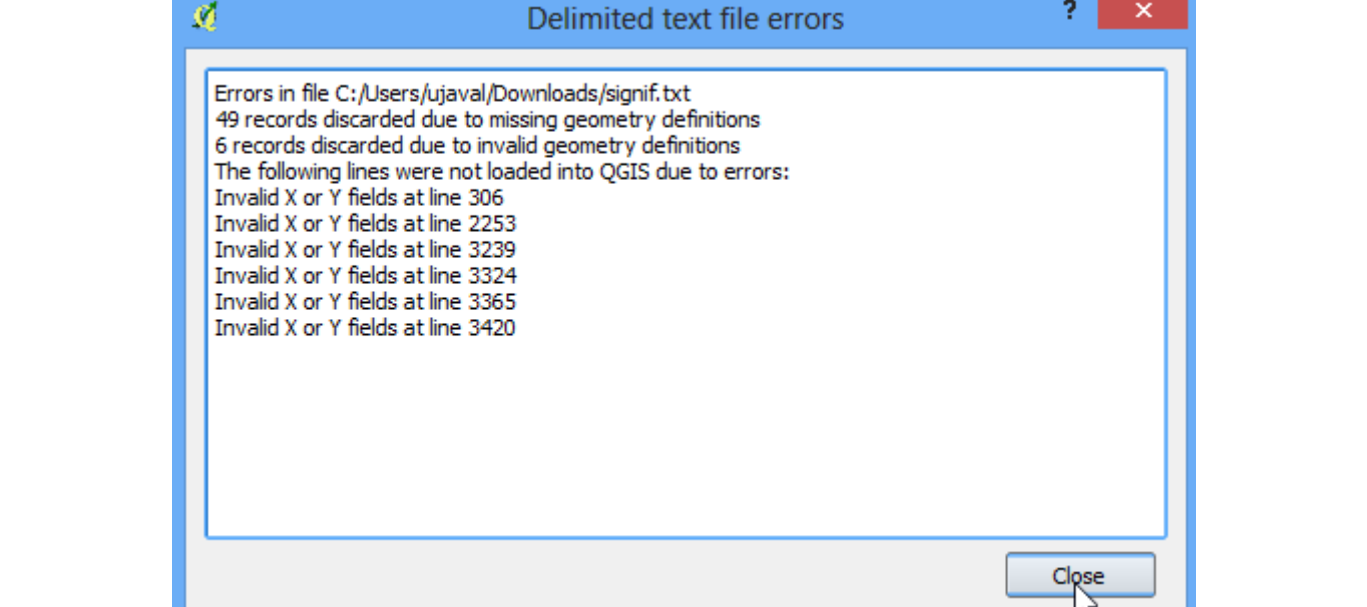
X field: LONGITUDE Y field: LATITUDE ☐ DMS coordinates

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. error
 X Y
 error



- ```

000000 00000000 Coordinate Reference Selector 00000000000000000000
coordinate reference system
00
000000000000 WGS 84 00000000000000000000 OK

```



6. QGIS

