

# Importing Spreadsheets or CSV files

QGIS Tutorials and Tips



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Translations by

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# CSV

GIS Excel  
/

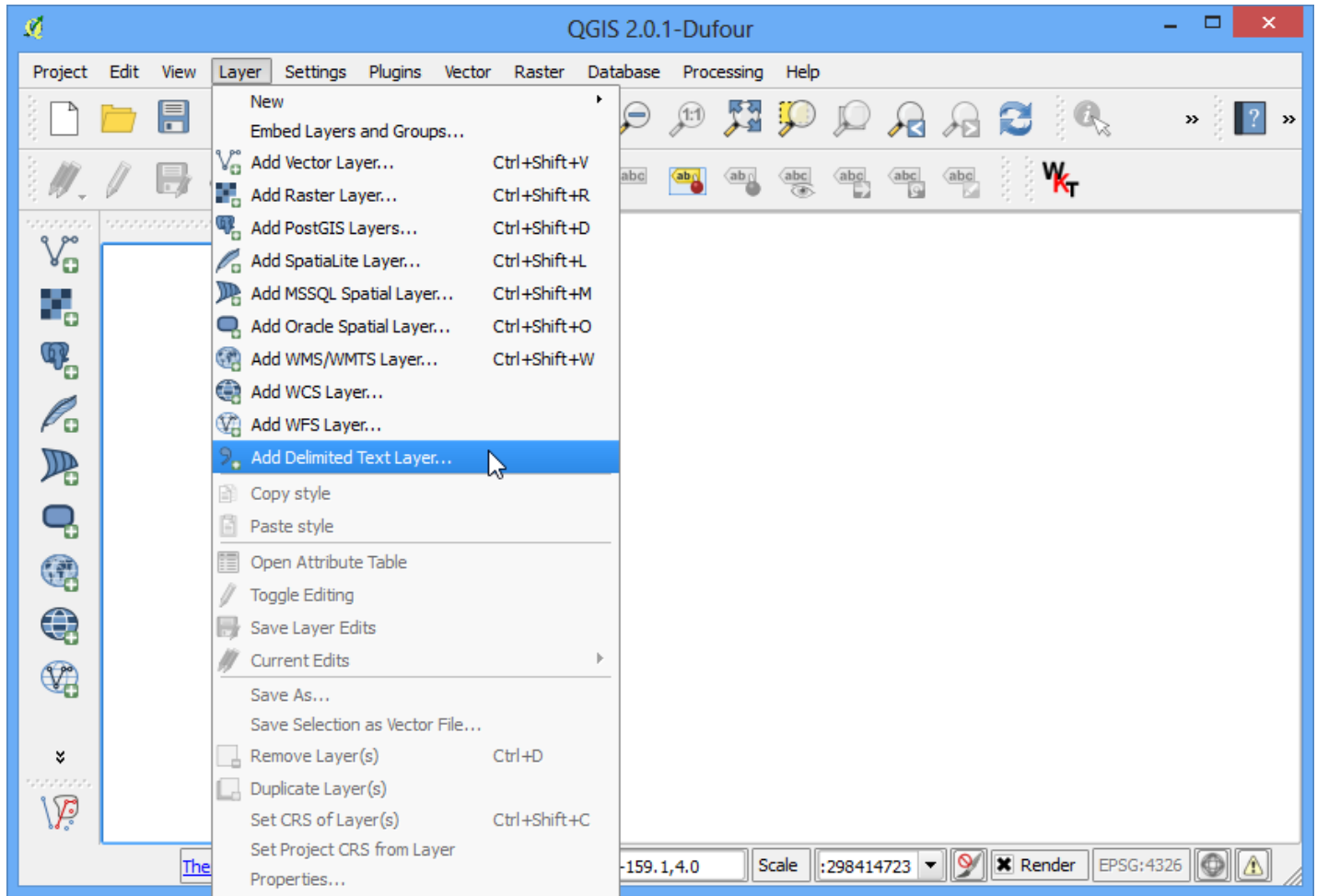
QGIS

NOAA's National Geophysical Data Center  
2150  
Learn more.

Significant Earthquake Database  
[NGDC]

1. QGIS  
2  
X Y  
Save As Tab Delimited File Comma Separated Values (CSV)  
Notepad  
Significant Earthquake Database





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

### Note

X Y  
 Y  
 X

File Name  Browse...

Layer name  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  ☒ First record has field names


Field options ☐ Trim fields ☐ Discard empty fields ☐ Decimal separator is comma

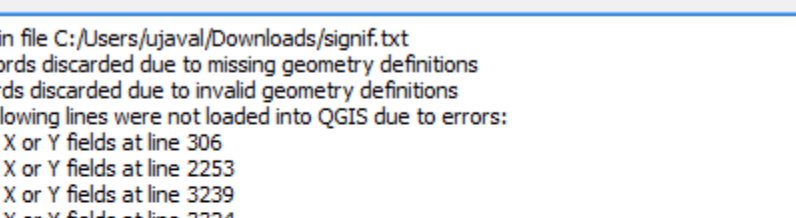
Geometry definition ☒ Point coordinates ☐ Well known text (WKT) ☐ No geometry (attribute only table)

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								

4. 

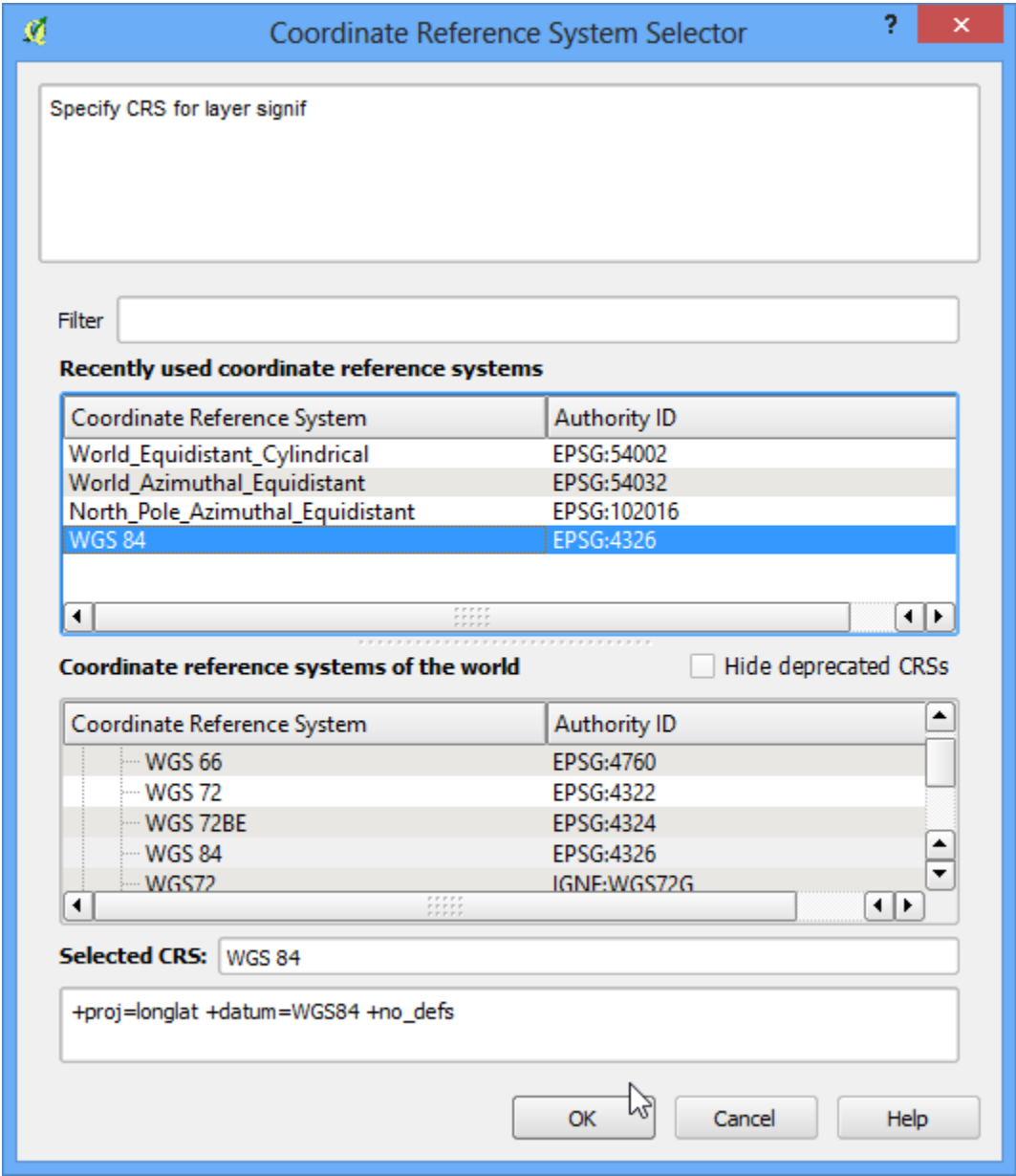


Delimited text file errors

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. How to select a Coordinate Reference System (CRS) for a layer in QGIS?
- coordinate reference system
- WGS 84 OK



6. How to set the CRS for a layer in QGIS?

