

# 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]

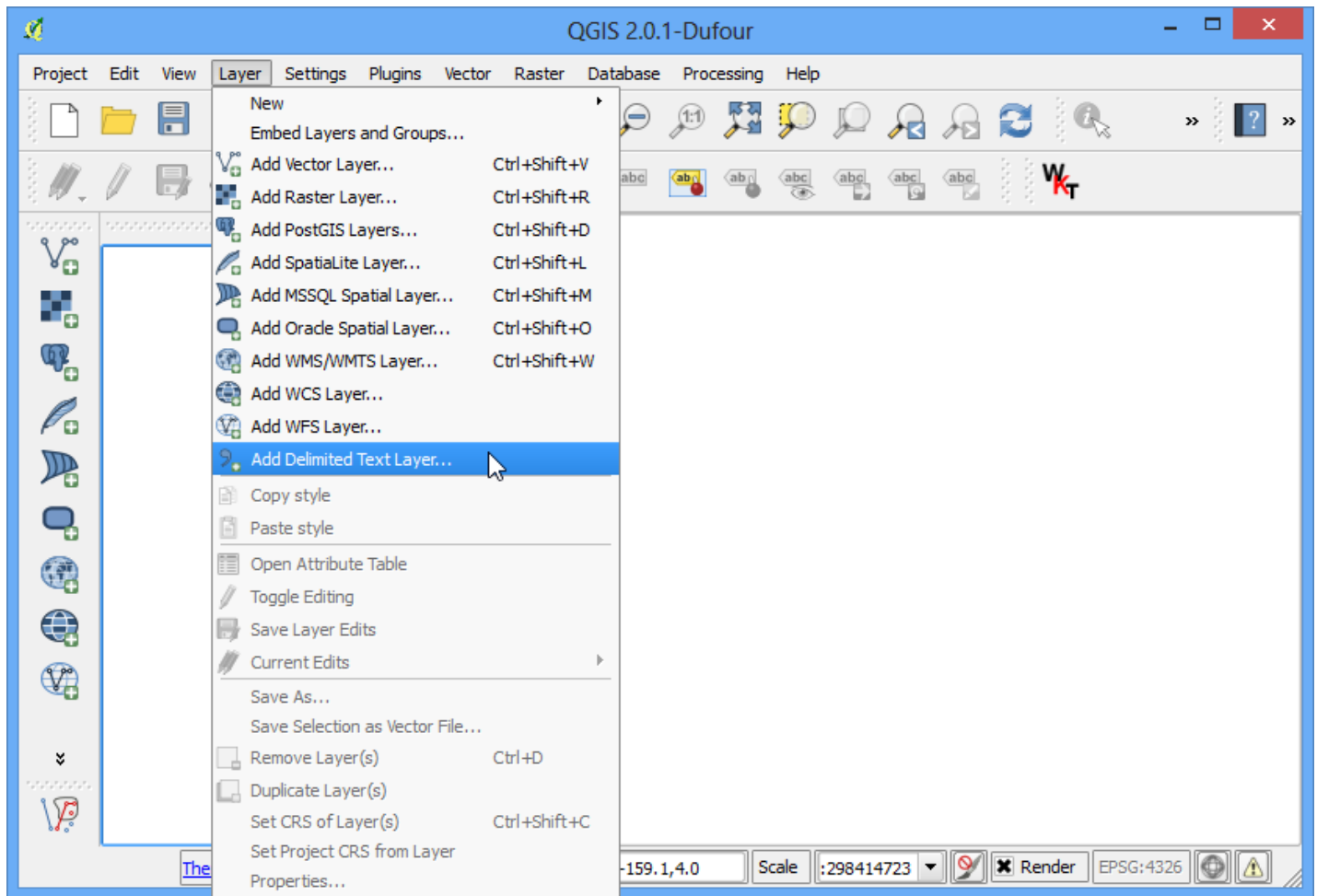
1. QGIS  
2  
X Y  
Save As Tab Delimited File Comma Separated Values (CSV)  
Notepad  
Significant Earthquake Database

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	9
				147	558	12
549	9	12			5.5	25
	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
- File format Custom delimiters Tab Geometry definition
- X Y
- LONGITUDE LATITUDE
- OK

### Note

X Y

Y

X

File name: C:/Users/ujaval/Downloads/signif.txt

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

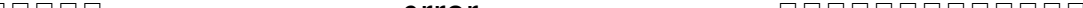
Field options: ☐ Trim fields ☐ Discard empty fields ☐ Decimal separator is comma

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

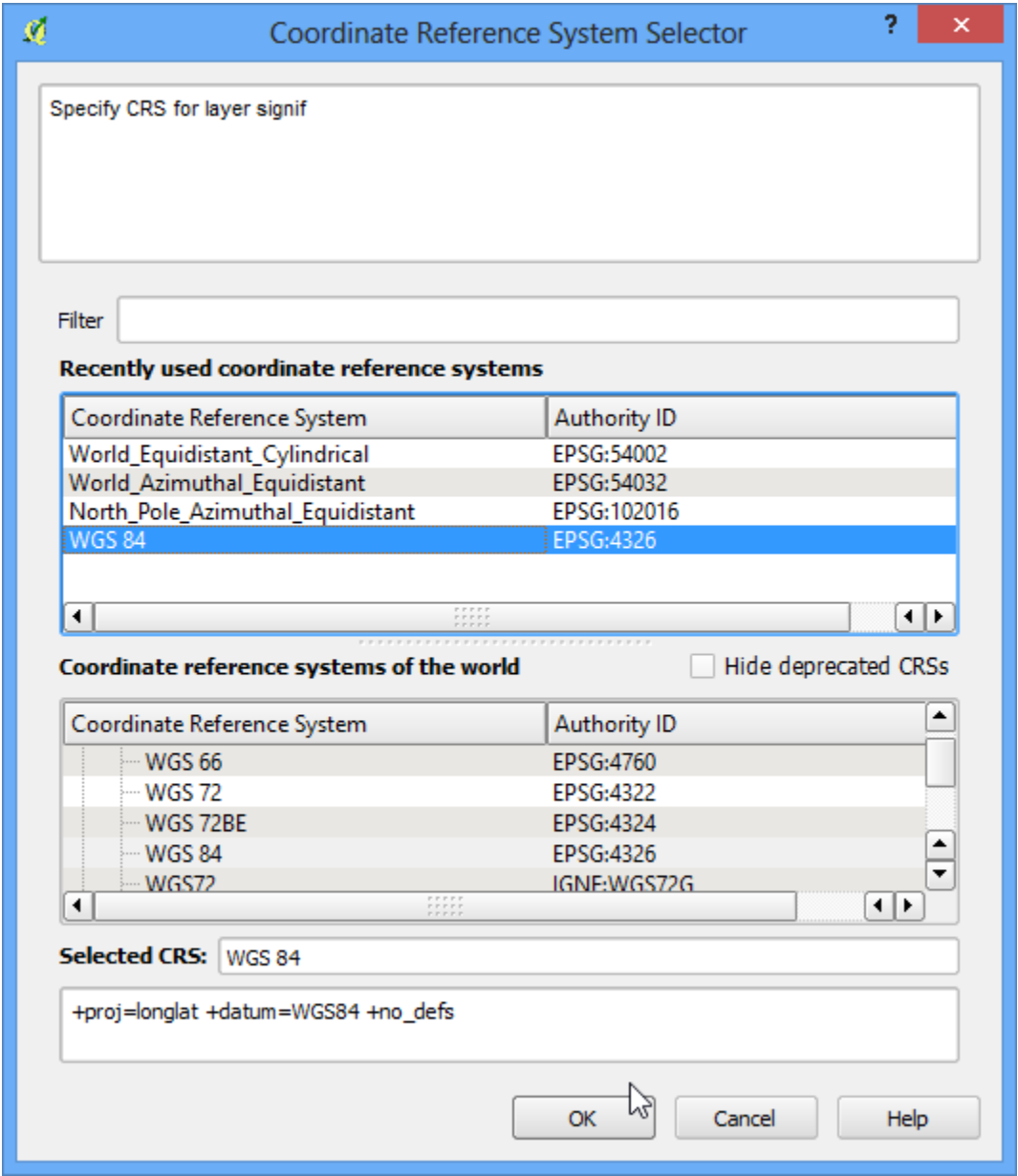
	I_D	FLAG_TSUNAMI	YEAR	MONTH	DAY	HOUR	MINUTE	SECOND	FOCAL_DEPTH	EQ_MAG_MW	EQ_MAG
1	1		-2150								
2	3		-2000						18		7.1
3	2	Tsu	-2000								
4	8		-1566								
5	11		-1450								

4. 

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. 如何 在 QGIS 中 选择 坐标参考系统 (Coordinate Reference System Selector) 对话框 中的 坐标参考系统 (coordinate reference system) 为 WGS 84 并 单击 OK 按钮。



6. 如何 在 QGIS 中 设置 地图的 坐标参考系统 (Coordinate Reference System) 为 WGS 84。

