

Importing Spreadsheets or CSV files

QGIS Tutorials and Tips



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Translations by

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GIS 2024 10 10 10:00 AM. 10 10/2024 10:00 AM 10:00 AM
GIS 2024 10 10 10:00 AM.



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NOAA's [National Ocean Service](#) reports that 2150 people were killed in the 2004 Indian Ocean tsunami. [Learn more.](#)

Download [Significant Earthquake Database](#) text file.

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1. 000 000 0000 000000. 0 0000 QGIS 00 0000 0000 000000 00 00000. 000 000 X, Y000 000 00 2000 00000. 00000000000 00 00000 '00 0000 00 Save As'000 0000 **Tab Delimited File** 00 `Comma Separated Values (CSV)` 0 000 000. 00 00 0 000 0000 000 000 000000 00 000 00000000 000 000 000 0 0000. 000000000 0000 00 00 0000000 000 000000 0000 0000 000000000. 0 000 000 0000 000 0 0 0000.

The screenshot shows a Notepad window with the following text content:

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			
					51	57
	UKRAINE	UKRAINE: BLACK SEA	44.700	33.300		
	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					

2. QGIS ☐ ☐ :menuselection: `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 000 0000 0000. 00 Latitude 00 0-0000 0000 **Y** 000 000. 00000
00 Longitude 00 0-0000 0000 **X** 000 000.

Create a Layer from a Delimited Text File

File Name:

Layer name: Encoding:

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: Y field: ☐ 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. □□ □□□□□□ □□□□□□ □□□ □□□. □ □□□ □□ 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

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



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

