

Importing Spreadsheets or CSV files

QGIS Tutorials and Tips



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Translations by

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

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signif.txt - Notepad

File Edit Format View Help

| 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 | 3 | 1001 | 4 | 67 |
| | | | | | | 155 |
| | | | | | 79 | 340 |
| 350 | 10 | | | | | |
| | 2 | | | | | |
| 438 | | | | | | |
| 119 | | 477 | 9 | 25 | | |
| | | 139 | Tsu | 551 | 7 | 9 |
| | | | | 147 | | 558 |
| 549 | 9 | 12 | | | 12 | 25 |
| | 715 | | | | 5.5 | |
| 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 :menuselection: `Layers --> Add Delimited Text Layer` .

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` `OK`.



- ## 6. QGIS 安装与使用

