

Quick guide: How to read SALSA TXT data using Google sheets

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1. Get your data. Go to SALSA archive and click the "TXT" link next to the data you want to save. Save the TXT file with a suitable name on your computer (e.g. "LON45LAT0.txt").

2020-11-10 16:30	user	44:51:13.3	0:10:19.0	2.5	1,420.4	60	Vale	FITS	PNG	TXT
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2. Create a new Google spreadsheet. Click "File-->Spreadsheet settings". Make sure "Locale" is set to "United States". This is to ensure we use decimal point "." instead of decimal comma ",". Click "Save".

Settings for this spreadsheet

General Calculation

Locale
United States
This affects formatting details such as functions, dates, and currency.

Time zone
(GMT+01:00) Stockholm
Your spreadsheet's history will be recorded in this time zone. This will affect all time-related functions.

Display language: English

3. Import data. Click "File--> Import --> Upload --> Select file" and select the file you saved, e.g. "LON45LAT0.txt". Change "Separator type" to "Custom" and put one space in the empty box. This ensures we split values by spaces. Make sure the last "Convert" option is "Yes", and click "Import data".

Import file

File: spectrum_33377.txt

Import location

Create new spreadsheet
 Insert new sheet(s)
 Replace spreadsheet
 Replace current sheet
 Append to current sheet
 Replace data at selected cell

Separator type

Detect automatically
 Tab
 Comma
 Custom:

Convert text to numbers, dates, and formulas

Yes
 No

Import data Cancel

4. Select all values in columns A and B, ignoring the first 8 header lines.

	A	B	C
1	#	BEGINHEADER	
2	#	This file	
3	#	DATE=2020-11-10T15:30:12	
4	#	GLON and	
5	#	GLON=44.8537083176	
6	#	GLAT=0.17193931462	
7	#	DATA in	
8	#	ENDHEADER	
9	260.5855085	0.000318163988	
10	258.5243645	0.5288192525	
11	258.4822226	4.316774886	

5. Click "Insert" --> "Chart". A figure will appear.

Untitled spreadsheet

File Edit View Insert Format Data Tools Add-on

11 Rows above
11 Rows below

260.585508492

A

1 # BEGI
2 # This
3 # DATE
4 # GLON
5 # GLON
6 # GLAT
7 # DATA
8 # ENDI

2 Columns left
2 Columns right
Cells and shift down
Cells and shift right

Chart

