

# Tappecue graphing instructions

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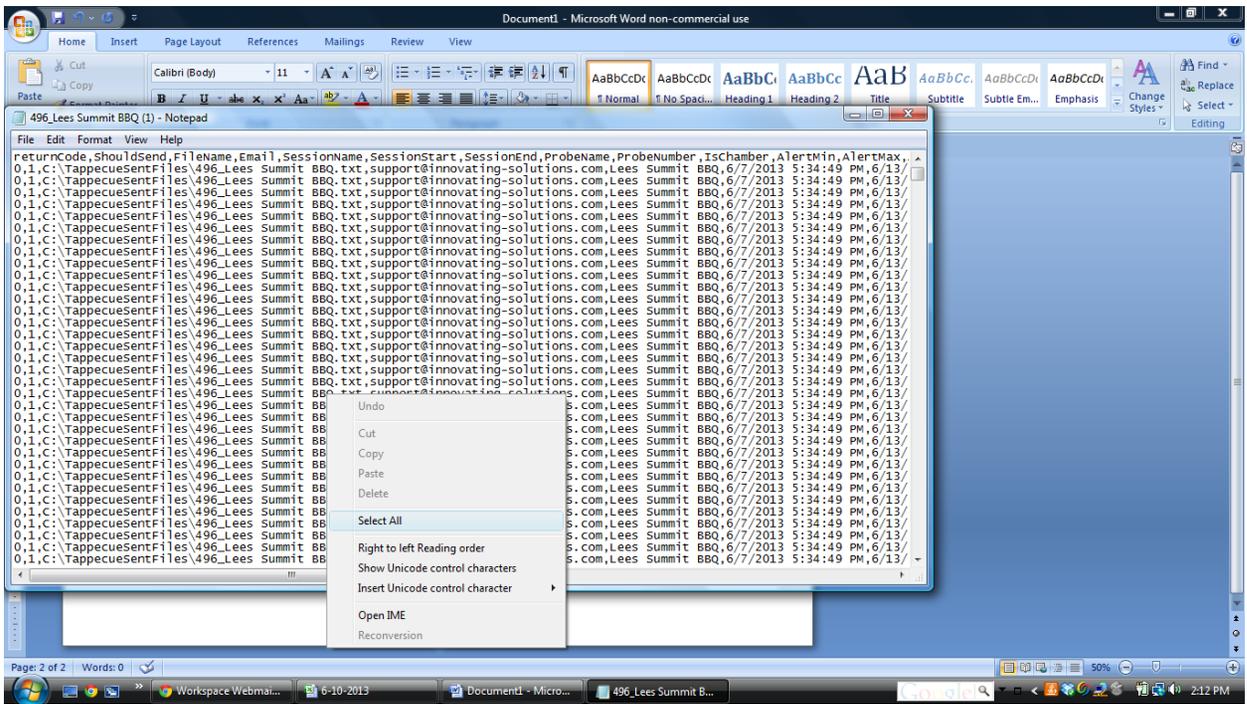
## Using the graphing.xlsm to automatically import and graph

We have included an excel spreadsheet named graphing.xlsm in the downloads section of [www.tappecue.com](http://www.tappecue.com) that has a shortcut key for importing and graphing your session data.

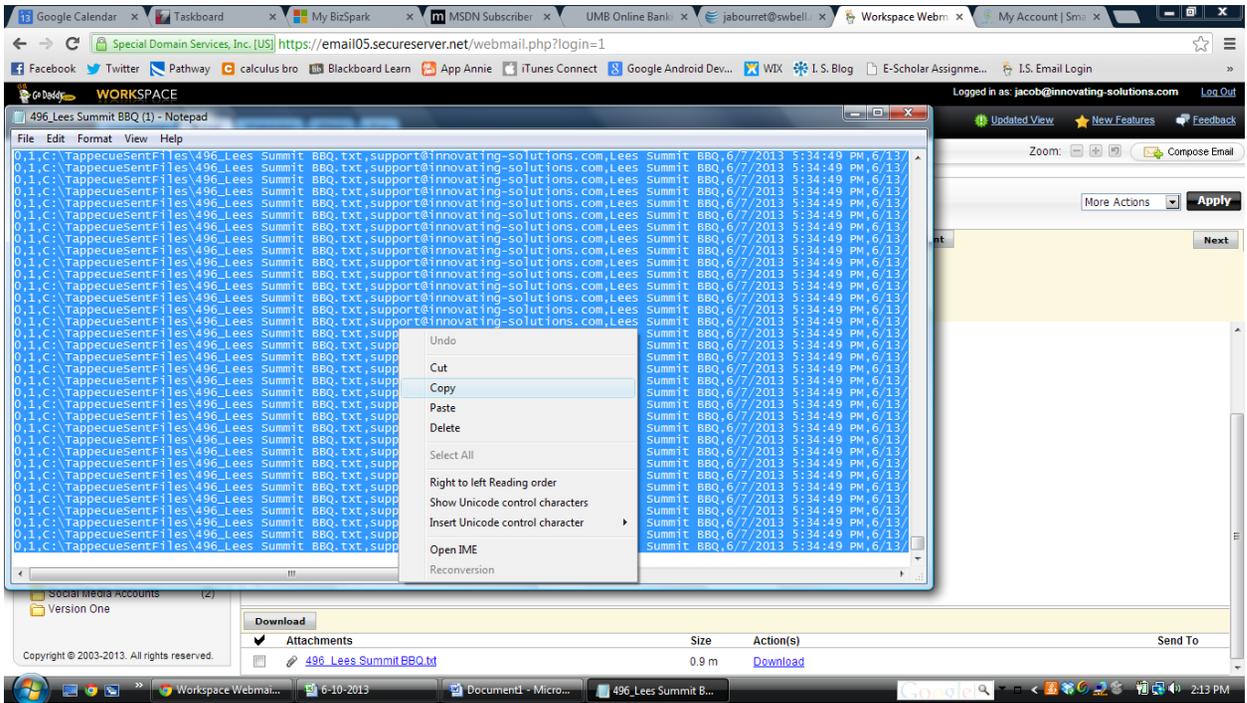
1. Download and save the graphing.xlsm to your computer.
2. From your email save your session data.text file to your computer.
3. Open the graphing.xlsm file.
4. Enable the macro by clicking the security warning options and choosing enable this content.
5. Click CTRL, SHIFT and G at the same time
6. Chose your session data.text file that you saved to your computer through your email attachment.
7. Save as and name your excel sheet so you can use the same empty template to graph your next session.

Note: Instructions for manual importing and graphing are included below if you have any trouble with running the macro.

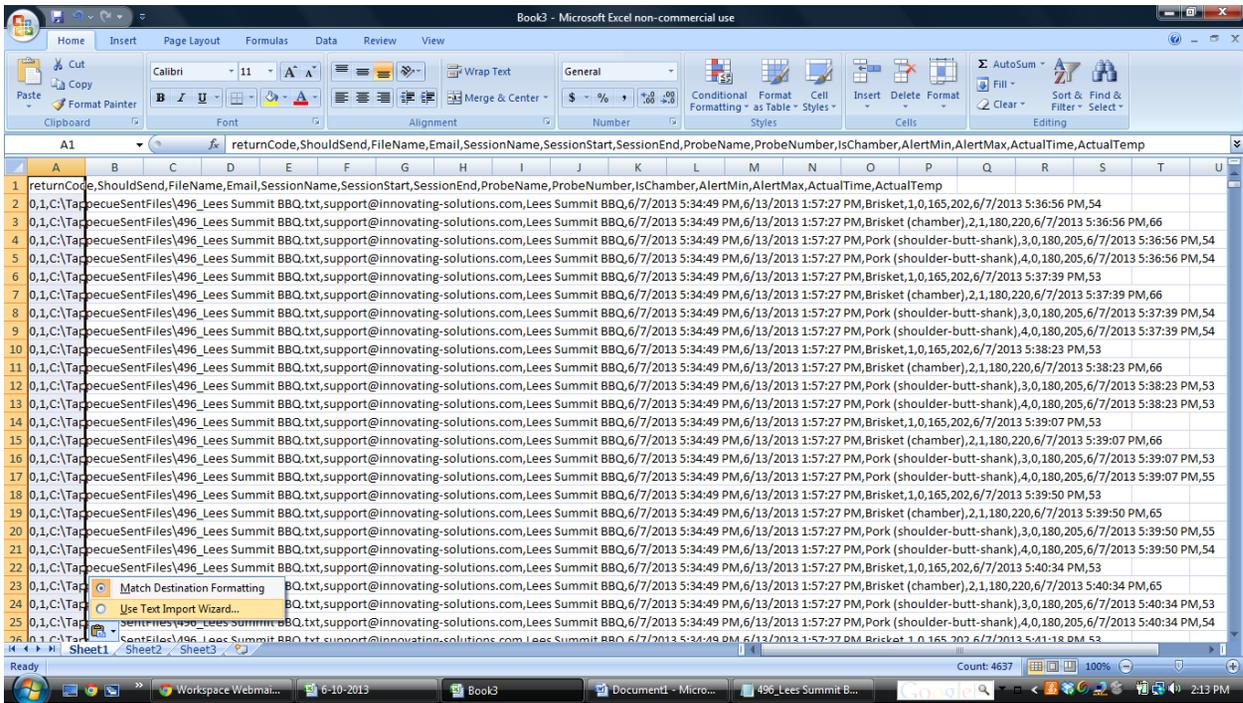




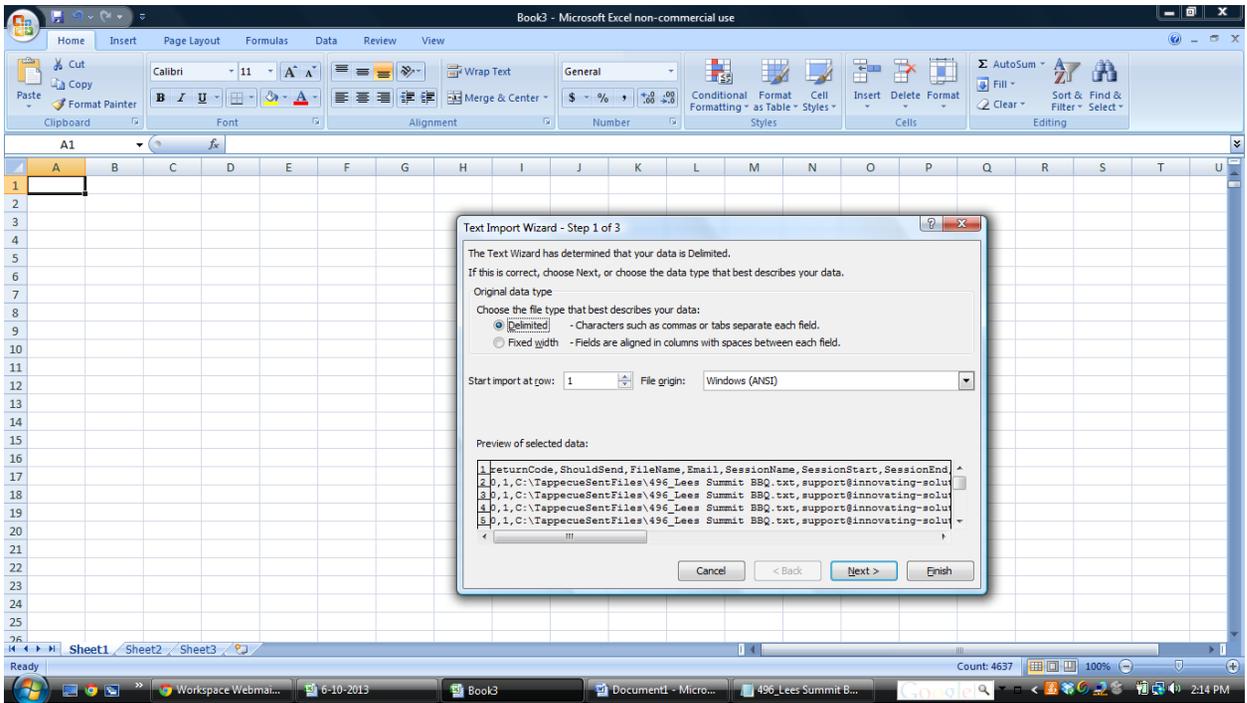
Select All.



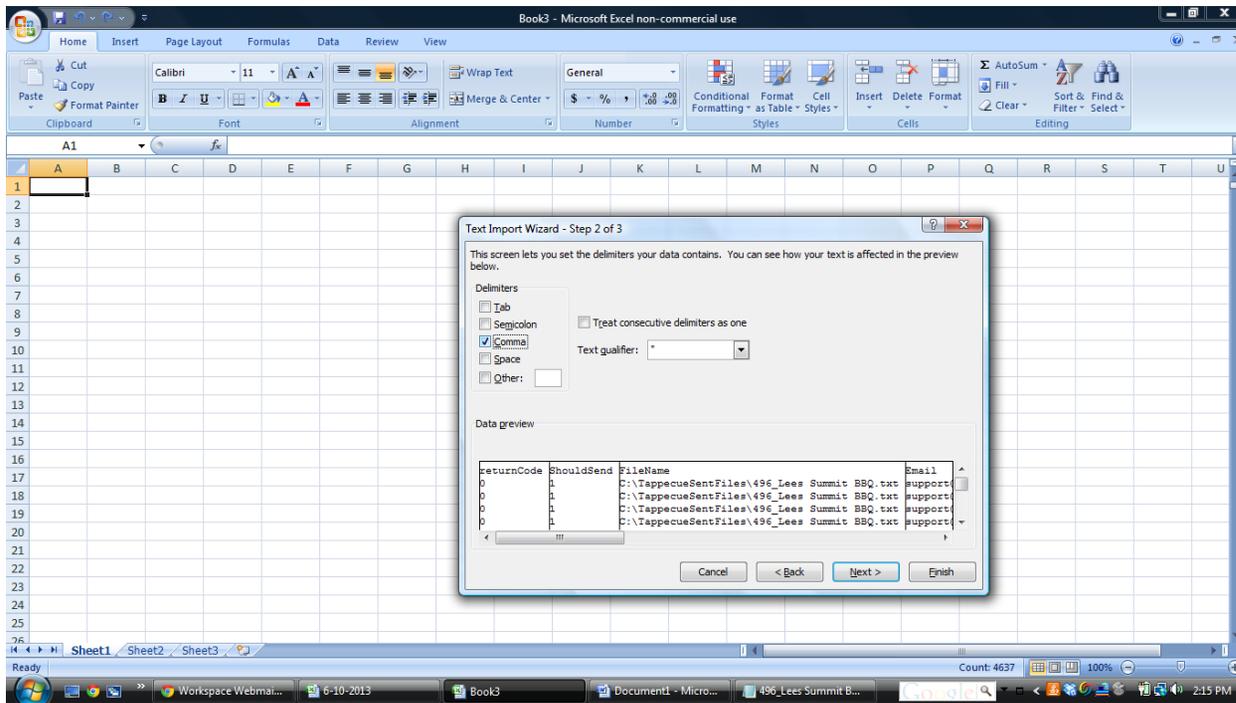
Copy.



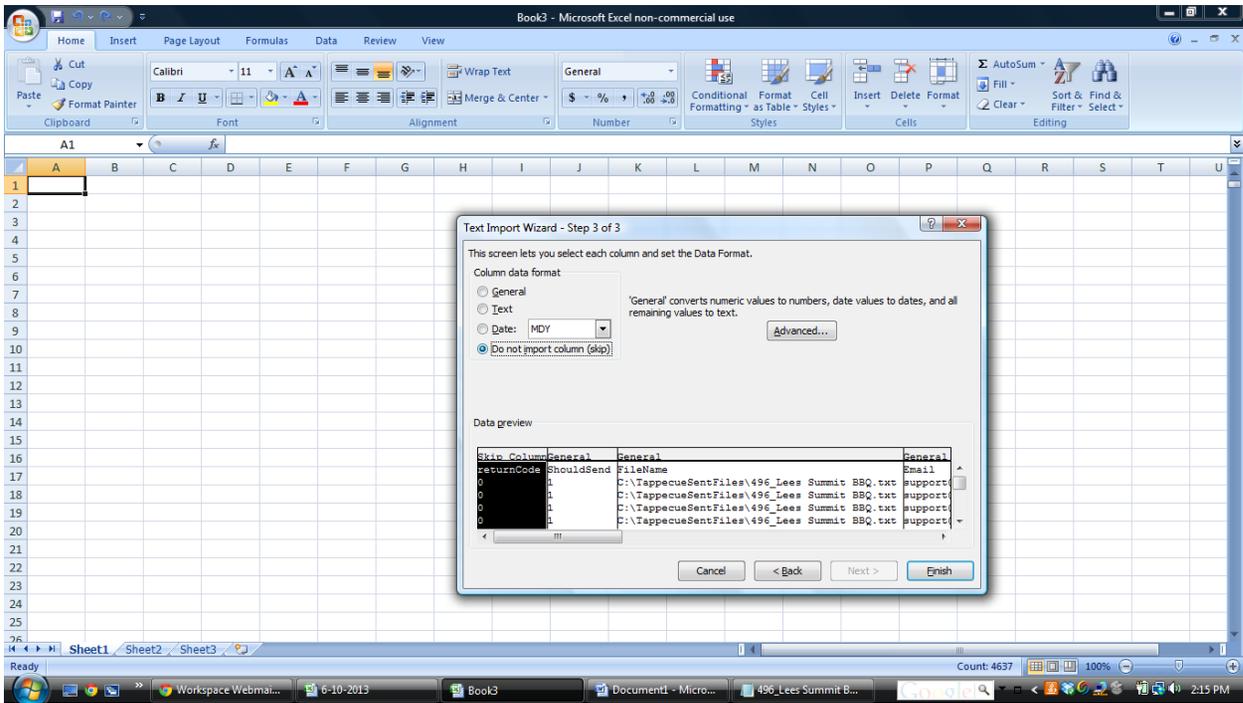
Insert into Excel using text import wizard.



Click next.



Change separator from spaces to commas and click next.



Skip all fields that are unimportant.



Book3 - Microsoft Excel non-commercial use

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

Text Import Wizard - Step 3 of 3

This screen lets you select each column and set the Data Format.

Column data format

- General
- Text
- Date: MDY
- Do not import column (skip)

Advanced...

Data preview

Skip Column	Skip Column	Skip Column	General
ReturnCode	ShouldSend	FileName	Email
0	1	C:\TappcueSentFiles\496_Lees Summit_BBQ.txt	support
0	1	C:\TappcueSentFiles\496_Lees Summit_BBQ.txt	support
0	1	C:\TappcueSentFiles\496_Lees Summit_BBQ.txt	support
0	1	C:\TappcueSentFiles\496_Lees Summit_BBQ.txt	support

Cancel < Back Next > Finish

Ready Count: 4637 100% 2:16 PM

Book3 - Microsoft Excel non-commercial use

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

Text Import Wizard - Step 3 of 3

This screen lets you select each column and set the Data Format.

Column data format

- General
- Text
- Date: MDY
- Do not import column (skip)

'General' converts numeric values to numbers, date values to dates, and all remaining values to text.

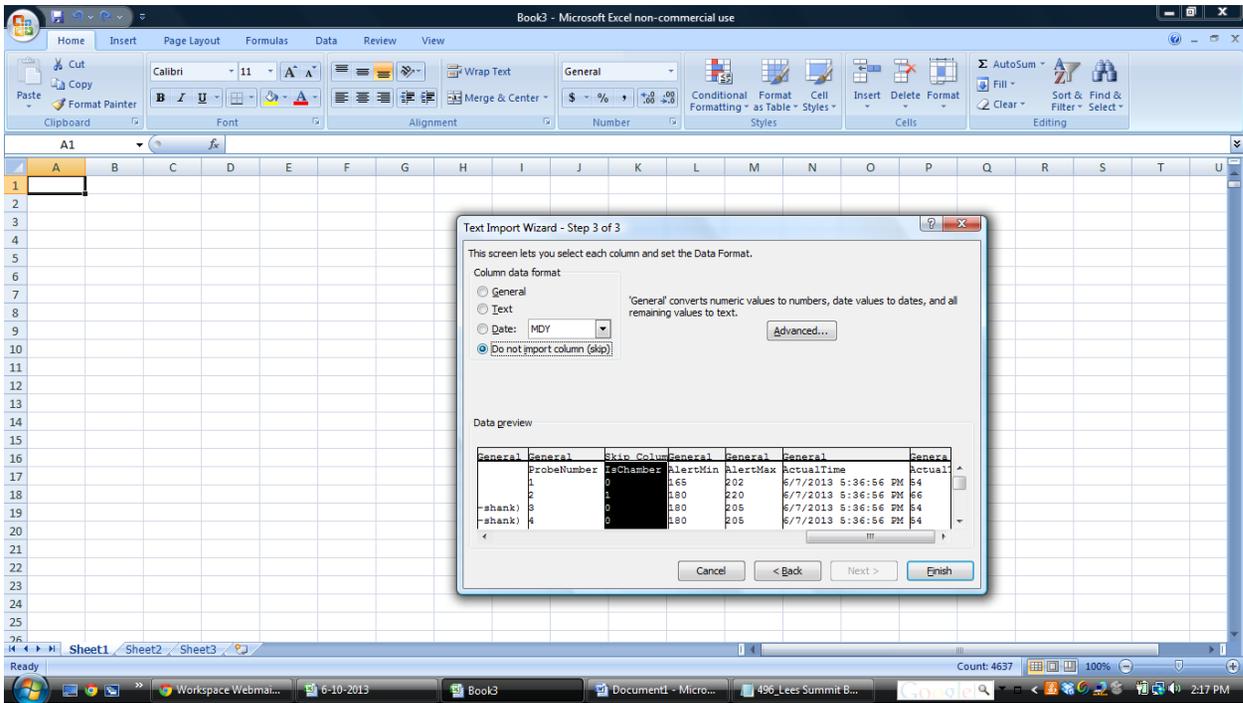
Advanced...

Data preview

Skip Column	General	General	General
email	SessionName	SessionStart	Session
support@innovating-solutions.com	Lees Summit BBQ	6/7/2013 5:34:49 PM	6/13
support@innovating-solutions.com	Lees Summit BBQ	6/7/2013 5:34:49 PM	6/13
support@innovating-solutions.com	Lees Summit BBQ	6/7/2013 5:34:49 PM	6/13
support@innovating-solutions.com	Lees Summit BBQ	6/7/2013 5:34:49 PM	6/13

Cancel < Back Next > Finish

Ready Sheet1 Sheet2 Sheet3 Count: 4637 100% 2:17 PM



Hit Next.

The screenshot shows a Microsoft Excel spreadsheet with the following data structure:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	SessionN	SessionSt	SessionEn	ProbeNan	ProbeNun	AlertMin	AlertMax	ActualTim	ActualTemp												
2	Lees Sum	#####	#####	Brisket	1	165	202	#####	54												
3	Lees Sum	#####	#####	Brisket (ct	2	180	220	#####	66												
4	Lees Sum	#####	#####	Pork (shoi	3	180	205	#####	54												
5	Lees Sum	#####	#####	Pork (shoi	4	180	205	#####	54												
6	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
7	Lees Sum	#####	#####	Brisket (ct	2	180	220	#####	66												
8	Lees Sum	#####	#####	Pork (shoi	3	180	205	#####	54												
9	Lees Sum	#####	#####	Pork (shoi	4	180	205	#####	54												
10	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
11	Lees Sum	#####	#####	Brisket (ct	2	180	220	#####	66												
12	Lees Sum	#####	#####	Pork (shoi	3	180	205	#####	53												
13	Lees Sum	#####	#####	Pork (shoi	4	180	205	#####	53												
14	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
15	Lees Sum	#####	#####	Brisket (ct	2	180	220	#####	66												
16	Lees Sum	#####	#####	Pork (shoi	3	180	205	#####	53												
17	Lees Sum	#####	#####	Pork (shoi	4	180	205	#####	55												
18	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
19	Lees Sum	#####	#####	Brisket (ct	2	180	220	#####	65												
20	Lees Sum	#####	#####	Pork (shoi	3	180	205	#####	55												
21	Lees Sum	#####	#####	Pork (shoi	4	180	205	#####	54												
22	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
23	Lees Sum	#####	#####	Brisket (ct	2	180	220	#####	65												
24	Lees Sum	#####	#####	Pork (shoi	3	180	205	#####	53												
25	Lees Sum	#####	#####	Pork (shoi	4	180	205	#####	54												
26	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												

Your data will be imported like this.

Book3 - Microsoft Excel non-commercial use

Home Insert Page Layout Formulas Data Review View

Clipboard: Cut, Copy, Paste, Format Painter

Font: Calibri, 11, Bold, Italic, Underline, Text Color, Background Color

Alignment: Wrap Text, Merge & Center

Number: \$, %, .00, 00

Styles: Conditional Formatting, Format as Table, Cell Styles

Cells: Insert, Delete, Format

Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select

A1 SessionName

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	SessionNo	SessionSt	SessionEn	ProbeNan	ProbeNun	AlertMin	AlertMax	ActualTim	ActualTemp												
2	Lees Sum	#####	#####	Brisket	1	165	202	#####	54												
3	Lees Sum	#####	#####	Brisket (c	2	180	220	#####	66												
4	Lees Sum	#####	#####	Pork (sho	3	180	205	#####	54												
5	Lees Sum	#####	#####	Pork (sho	4	180	205	#####	54												
6	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
7	Lees Sum	#####	#####	Brisket (c	2	180	220	#####	66												
8	Lees Sum	#####	#####	Pork (sho	3	180	205	#####	54												
9	Lees Sum	#####	#####	Pork (sho	4	180	205	#####	54												
10	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
11	Lees Sum	#####	#####	Brisket (c	2	180	220	#####	66												
12	Lees Sum	#####	#####	Pork (sho	3	180	205	#####	53												
13	Lees Sum	#####	#####	Pork (sho	4	180	205	#####	53												
14	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
15	Lees Sum	#####	#####	Brisket (c	2	180	220	#####	66												
16	Lees Sum	#####	#####	Pork (sho	3	180	205	#####	53												
17	Lees Sum	#####	#####	Pork (sho	4	180	205	#####	55												
18	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
19	Lees Sum	#####	#####	Brisket (c	2	180	220	#####	65												
20	Lees Sum	#####	#####	Pork (sho	3	180	205	#####	55												
21	Lees Sum	#####	#####	Pork (sho	4	180	205	#####	54												
22	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												
23	Lees Sum	#####	#####	Brisket (c	2	180	220	#####	65												
24	Lees Sum	#####	#####	Pork (sho	3	180	205	#####	53												
25	Lees Sum	#####	#####	Pork (sho	4	180	205	#####	54												
26	Lees Sum	#####	#####	Brisket	1	165	202	#####	53												

Ready Average: 17835.06876 Count: 41733 Sum: 578783651.4 100%

Taskbar: Workspace Webmai..., 6-10-2013, Book3, Document1 - Micro..., 496\_Lees Summit B..., 2:19 PM

Select all.

1	SessionName	SessionStart	SessionEnd	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp
2	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:36	54
3	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:36	66
4	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:36	54
5	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:36	54
6	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:37	53
7	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:37	66
8	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:37	54
9	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:37	54
10	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:38	53
11	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:38	66
12	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:38	53
13	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:38	53
14	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:39	53
15	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:39	66
16	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:39	53
17	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:39	55
18	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:39	53
19	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:39	65
20	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:39	55
21	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:39	54
22	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:40	53
23	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:40	65
24	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:40	53
25	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:40	54
26	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:41	53

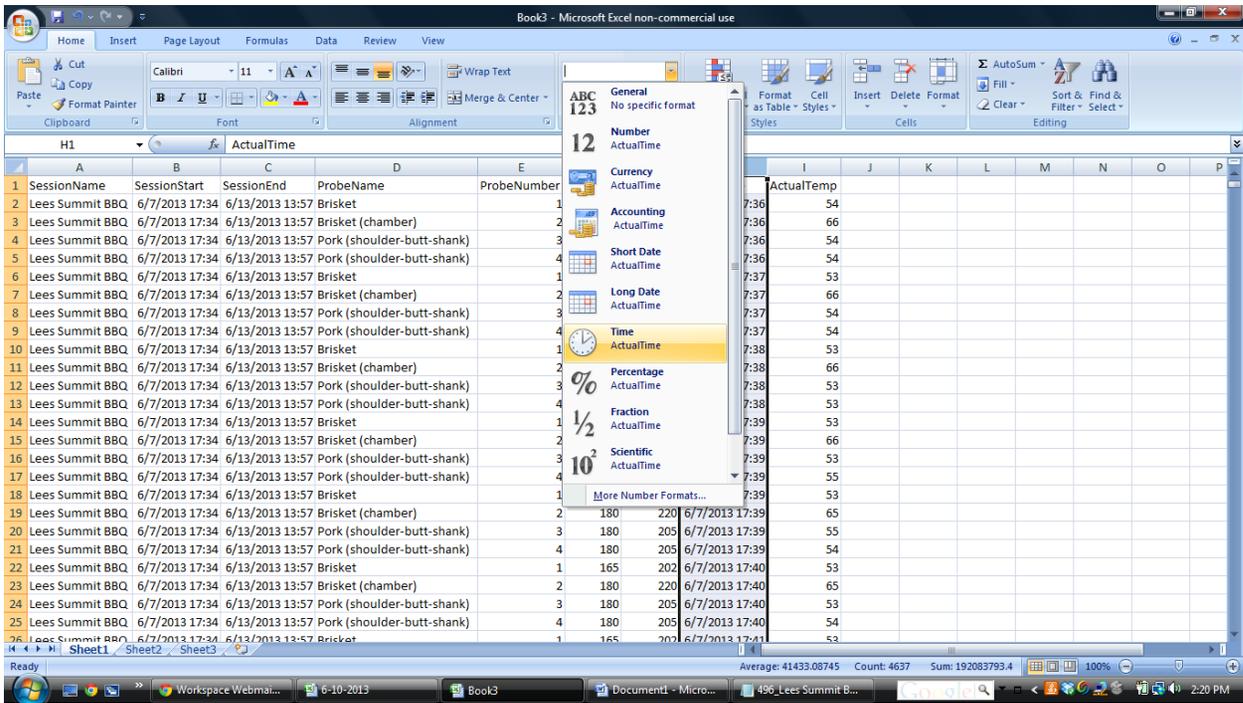
Double click in between any columns to be able to view all fields.

## Formatting to prepare for graphing

The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	SessionName	SessionStart	SessionEnd	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp							
2	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:36	54							
3	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:36	66							
4	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:36	54							
5	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:36	54							
6	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:37	53							
7	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:37	66							
8	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:37	54							
9	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:37	54							
10	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:38	53							
11	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:38	66							
12	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:38	53							
13	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:38	53							
14	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:39	53							
15	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:39	66							
16	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:39	53							
17	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:39	55							
18	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:39	53							
19	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:39	65							
20	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:39	55							
21	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:39	54							
22	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:40	53							
23	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	6/7/2013 17:40	65							
24	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	6/7/2013 17:40	53							
25	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	6/7/2013 17:40	54							
26	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	6/7/2013 17:41	53							

Select column "ActualTime".



In the "Home" tab in "Number" select the dropdown box and select the option for "Time".

The screenshot shows Microsoft Excel with a data table. The 'Insert' tab is active, and the 'Table' button is highlighted. The table data is as follows:

Session	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp
2013 13:57	Brisket	1	165	202	5:36:56 PM	54
2013 13:57	Brisket (chamber)	2	180	220	5:36:56 PM	66
2013 13:57	Pork (shoulder-butt-shank)	3	180	205	5:36:56 PM	54
6/7/2013 17:34	6/13/2013 13:57 Pork (shoulder-butt-shank)	4	180	205	5:36:56 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:37:39 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket (chamber)	2	180	220	5:37:39 PM	66
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket (shoulder-butt-shank)	3	180	205	5:37:39 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	4	180	205	5:37:39 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:38:23 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket (chamber)	2	180	220	5:38:23 PM	66
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	3	180	205	5:38:23 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	4	180	205	5:38:23 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:39:07 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket (chamber)	2	180	220	5:39:07 PM	66
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	3	180	205	5:39:07 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	4	180	205	5:39:07 PM	55
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:39:50 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket (chamber)	2	180	220	5:39:50 PM	65
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	3	180	205	5:39:50 PM	55
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	4	180	205	5:39:50 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket (chamber)	2	180	220	5:40:34 PM	65
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	3	180	205	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Pork (shoulder-butt-shank)	4	180	205	5:40:34 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:41:18 PM	53

Select anywhere inside the data and under the “Insert” tab select “Table”.

The screenshot shows a Microsoft Excel spreadsheet with a table of data. The table has the following columns: SessionName, SessionStart, SessionEnd, ProbeName, ProbeNumber, AlertMin, AlertMax, ActualTime, and ActualTemp. The data rows are numbered 1 through 26. A dialog box titled 'Create Table' is open, asking 'Where is the data for your table?' with the range '\$A\$1:\$I\$27' entered. The checkbox 'My table has headers' is checked. The dialog box has 'OK' and 'Cancel' buttons.

SessionName	SessionStart	SessionEnd	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:36:56 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	5:36:56 PM	66
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	5:36:56 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:36:56 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:37:39 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	5:37:39 PM	66
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	5:37:39 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:37:39 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:39:50 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	5:39:50 PM	65
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	5:39:50 PM	55
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:39:50 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	5:40:34 PM	65
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:40:34 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:41:18 PM	53

Click OK

The screenshot shows an Excel spreadsheet with a table of data. The table has the following columns: SessionName, SessionStart, SessionEnd, ProbeName, ProbeNumber, AlertMin, AlertMax, ActualTime, and ActualTemp. The data is sorted by ProbeNumber in ascending order. A dropdown menu is open for the ProbeNumber column, showing the 'Sort Smallest to Largest' option selected. The table contains 26 rows of data.

SessionName	SessionStart	SessionEnd	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	165	202	5:36:56 PM	54	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (c	180	220	5:36:56 PM	66	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:36:56 PM	54	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:36:56 PM	54	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	165	202	5:37:39 PM	53	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (c	180	220	5:37:39 PM	66	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:37:39 PM	54	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:37:39 PM	54	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	165	202	5:38:23 PM	53	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (c	180	220	5:38:23 PM	66	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:38:23 PM	53	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:38:23 PM	53	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	165	202	5:39:07 PM	53	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (c	180	220	5:39:07 PM	66	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:39:07 PM	53	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shd	180	205	5:39:07 PM	55	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	165	202	5:39:50 PM	53	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (c	180	220	5:39:50 PM	65	
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	5:39:50 PM	55
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:39:50 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)	2	180	220	5:40:34 PM	65
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:40:34 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:41:18 PM	53

Sort your data from smallest to largest by clicking the down arrow on Probe Number.

The screenshot shows the Microsoft Excel interface with the 'Design' tab selected in the 'Table Tools' ribbon. The 'Convert to Range' button is highlighted in the 'Table Tools' group. A data table is visible below, with columns for SessionName, ProbeName, ProbeNumber, AlertMin, AlertMax, ActualTime, and ActualTemp. The table contains 26 rows of data.

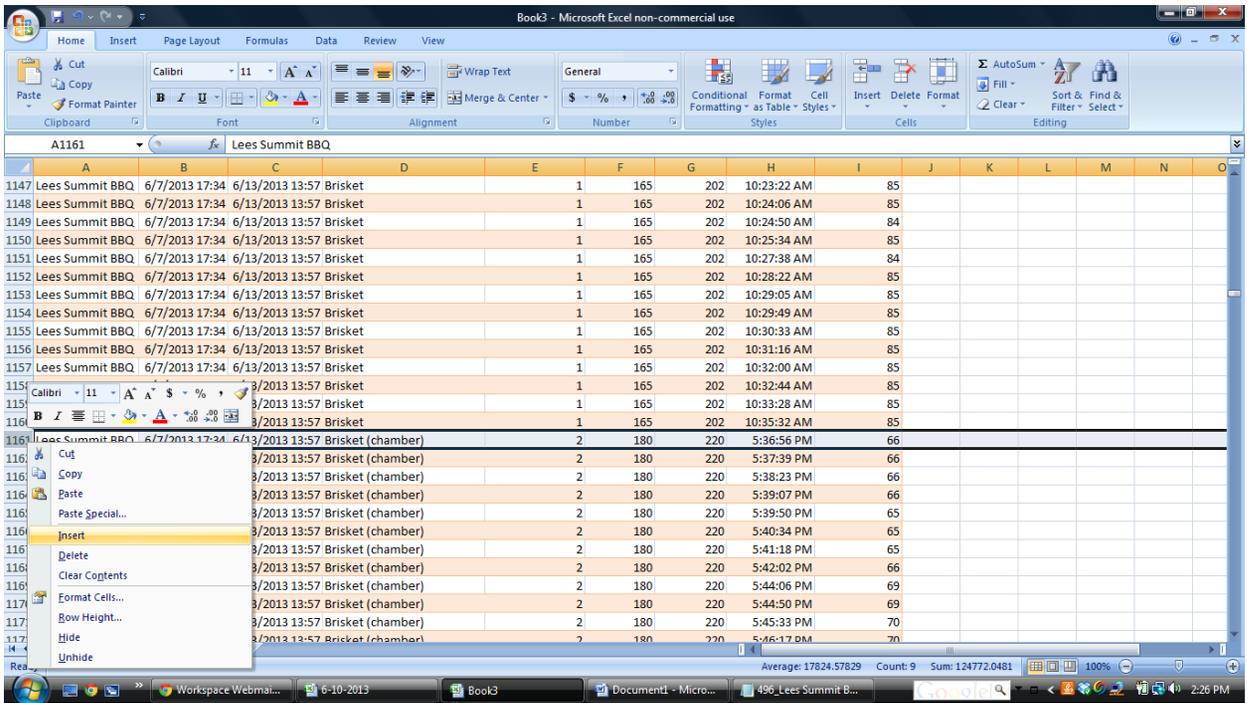
SessionName	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp
Lees Summit	3:57 Brisket	1	165	202	5:36:56 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:37:39 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:38:23 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:39:07 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:39:50 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:41:18 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:42:02 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:44:06 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:44:50 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:45:33 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:46:17 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:47:01 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:47:44 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:48:28 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:49:12 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:49:56 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:52:00 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:52:44 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:53:27 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:54:11 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:54:55 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:55:39 PM	54
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:56:22 PM	53
Lees Summit BBQ	6/7/2013 17:34 6/13/2013 13:57 Brisket	1	165	202	5:57:06 PM	54

In the "Design" tab select the button Convert To Range.

The screenshot shows a Microsoft Excel window with a table of data. The table has columns for SessionName, SessionStart, SessionEnd, ProbeName, ProbeNumber, AlertMin, AlertMax, ActualTime, and ActualTemp. A dialog box is open in the center of the screen, asking "Do you want to convert the table to a normal range?". The dialog box has "Yes" and "No" buttons. The "Yes" button is highlighted, indicating it is the intended action.

SessionName	SessionStart	SessionEnd	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:36:56 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:37:39 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:38:23 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:39:07 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:39:50 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:40:34 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:41:18 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:42:02 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:42:46 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:43:30 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:44:14 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:44:58 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:45:42 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:46:26 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:47:10 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:47:54 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:48:38 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:49:22 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:49:56 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:50:40 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:51:24 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:52:08 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:52:52 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:53:36 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:54:20 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:55:04 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:55:48 PM	54
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:56:32 PM	53
Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:57:16 PM	54

Click Yes.



Scroll down to where your "Probe Number" changes from 1 to 2 and insert a row by right clicking the row and selecting Insert.

Book3 - Microsoft Excel non-commercial use

Home Insert Page Layout Formulas Data Review View

Calibri 11

Clipboard: Cut, Copy, Paste, Format Painter

Font: Bold, Italic, Underline, Text Color, Background Color, Font Color, Font Size, Font Style

Alignment: Merge & Center, Wrap Text

Number: General, Currency, Percentage, Decimals, Text, Fraction, Scientific, Custom

Conditional Formatting, Format as Table, Cell Styles

Insert, Delete, Format

AutoSum, Fill, Clear, Sort & Filter, Find & Select

Editing

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2310	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:25:34 AM	323					
2311	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:27:38 AM	328					
2312	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:28:22 AM	329					
2313	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:29:05 AM	330					
2314	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:29:49 AM	330					
2315	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:30:33 AM	331					
2316	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:31:16 AM	331					
2317	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:32:00 AM	333					
2318	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:32:44 AM	333					
2319	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:33:28 AM	334					
2320	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:35:32 AM	338					
2321	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:36:56 PM	54					
2322	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:37:39 PM	54					
2323	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:38:23 PM	53					
2324	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:39:07 PM	53					
2325	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:39:50 PM	55					
2326	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:40:34 PM	53					
2327	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:41:18 PM	54					
2328	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:42:02 PM	54					
2329	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:44:06 PM	55					
2330	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:44:50 PM	54					
2331	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:45:33 PM	53					
2332	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:46:17 PM	54					
2333	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:47:01 PM	55					
2334	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:47:44 PM	54					
2335	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:48:28 PM	54					

Ready Average: 17820.86401 Count: 9 Sum: 124746.0481 100%

Workspace Webmai... 6-10-2013 Book3 DocumentL - Micro... 496\_Lees Summit B... 2:26 PM

Do the same for 3.

Book3 - Microsoft Excel non-commercial use

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

Calibri 11

General

AutoSum Fill Clear Sort & Find & Select

A3481 Lees Summit BBQ

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
3473	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:29:05 AM	85						
3474	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:29:49 AM	85						
3475	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:30:33 AM	85						
3476	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:31:16 AM	85						
3477	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:32:00 AM	85						
3478	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:32:44 AM	85						
3479	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:33:28 AM	85						
3480	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	3	180	205	10:35:32 AM	85						
3481	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:36:56 PM	54						
3482	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:37:39 PM	54						
3483	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:38:23 PM	53						
3484	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:39:07 PM	55						
3485	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:39:50 PM	54						
3486	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:40:34 PM	54						
3487	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:41:18 PM	53						
3488	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:42:02 PM	54						
3489	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:44:06 PM	54						
3490	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:44:50 PM	54						
3491	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:45:33 PM	54						
3492	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:46:17 PM	54						
3493	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:47:01 PM	55						
3494	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:47:44 PM	54						
3495	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:48:28 PM	55						
3496	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:49:12 PM	54						
3497	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:49:56 PM	54						
3498	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)	4	180	205	5:52:00 PM	55						

Ready Average: 17821.00687 Count: 9 Sum: 124747.0481 100%

2:27 PM

And 4.

## Graphing

The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	SessionName	SessionStart	SessionEnd	ProbeName	ProbeNumber	AlertMin	AlertMax	ActualTime	ActualTemp						
2	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:36:56 PM	54						
3	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:37:39 PM	53						
4	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:38:23 PM	53						
5	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:39:07 PM	53						
6	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:39:50 PM	53						
7	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:40:34 PM	53						
8	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:41:18 PM	53						
9	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:42:02 PM	54						
10	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:44:06 PM	54						
11	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:44:50 PM	53						
12	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:45:33 PM	53						
13	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:46:17 PM	53						
14	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:47:01 PM	53						
15	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:47:44 PM	54						
16	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:48:28 PM	53						
17	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:49:12 PM	53						
18	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:49:56 PM	54						
19	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:52:00 PM	54						
20	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:52:44 PM	53						
21	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:53:27 PM	54						
22	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:54:11 PM	54						
23	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:54:55 PM	53						
24	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:55:39 PM	54						
25	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:56:22 PM	53						
26	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket	1	165	202	5:57:06 PM	54						

Select the Actual Time and Actual Temp data all the way down to the end of Probe 1 as shown below.

Book3 - Microsoft Excel non-commercial use

Home Insert Page Layout Formulas Data Review View

Clipboard: Cut, Copy, Paste, Format Painter

Font: Calibri, 11, Bold, Italic, Underline, Text Color, Background Color, Wrap Text

Alignment: Merge & Center

Number: Time, Currency, Percentage, Decimals

Styles: Conditional Formatting, Format as Table, Cell Styles

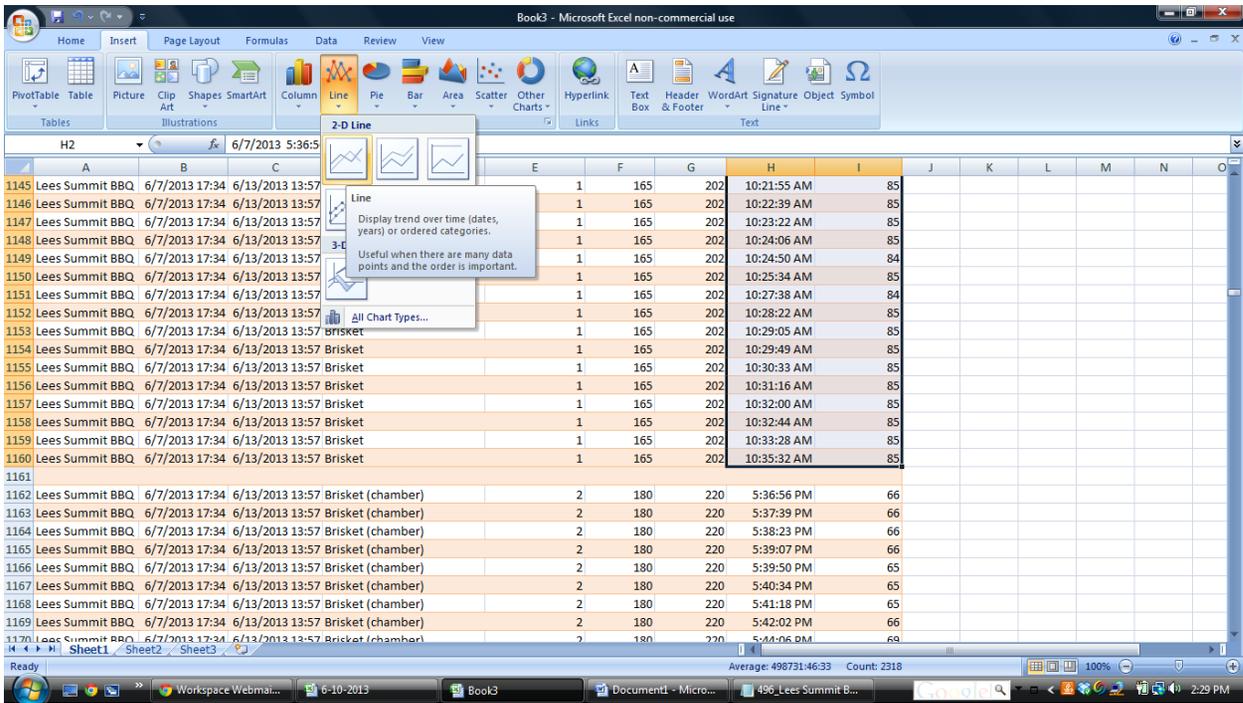
Cells: Insert, Delete, Format

Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select

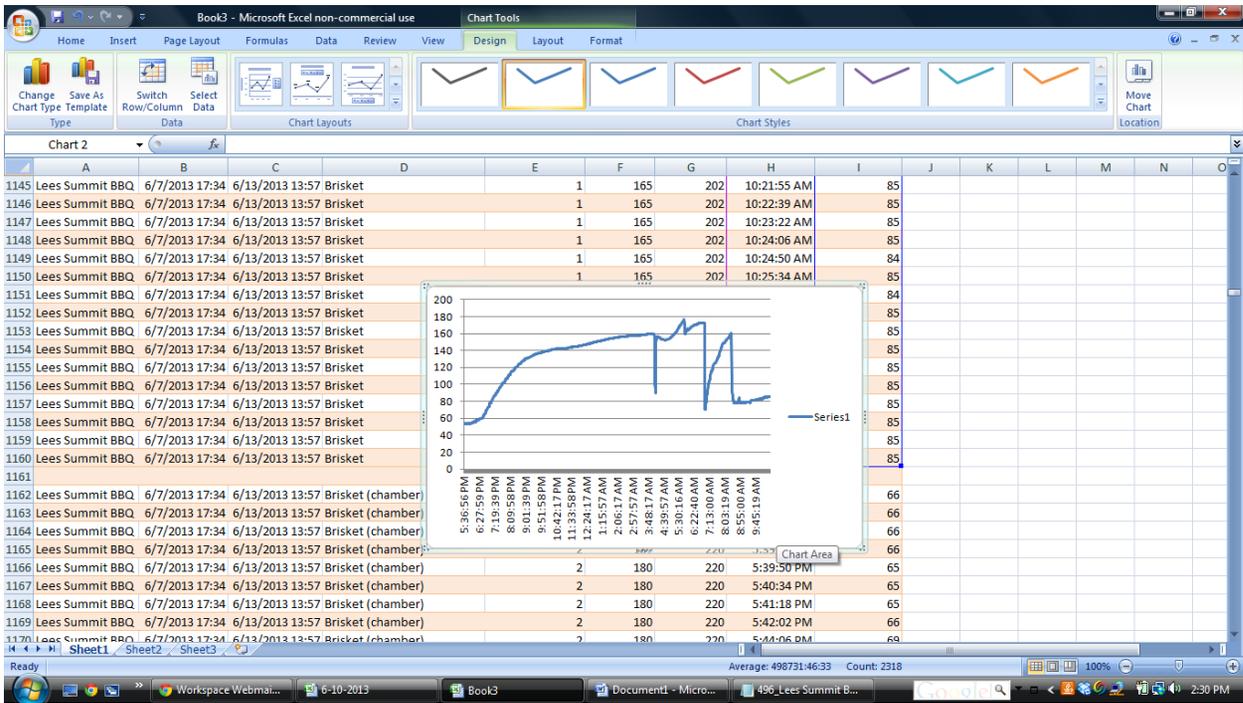
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1145	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:21:55 AM	85					
1146	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:22:39 AM	85					
1147	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:23:22 AM	85					
1148	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:24:06 AM	85					
1149	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:24:50 AM	84					
1150	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:25:34 AM	85					
1151	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:27:38 AM	84					
1152	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:28:22 AM	85					
1153	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:29:05 AM	85					
1154	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:29:49 AM	85					
1155	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:30:33 AM	85					
1156	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:31:16 AM	85					
1157	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:32:00 AM	85					
1158	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:32:44 AM	85					
1159	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:33:28 AM	85					
1160	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket		1	165	202	10:35:32 AM	85					
1161															
1162	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:36:56 PM	66					
1163	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:37:39 PM	66					
1164	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:38:23 PM	66					
1165	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:39:07 PM	66					
1166	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:39:50 PM	65					
1167	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:40:34 PM	65					
1168	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:41:18 PM	65					
1169	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:42:02 PM	66					
1170	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	5:44:06 PM	69					

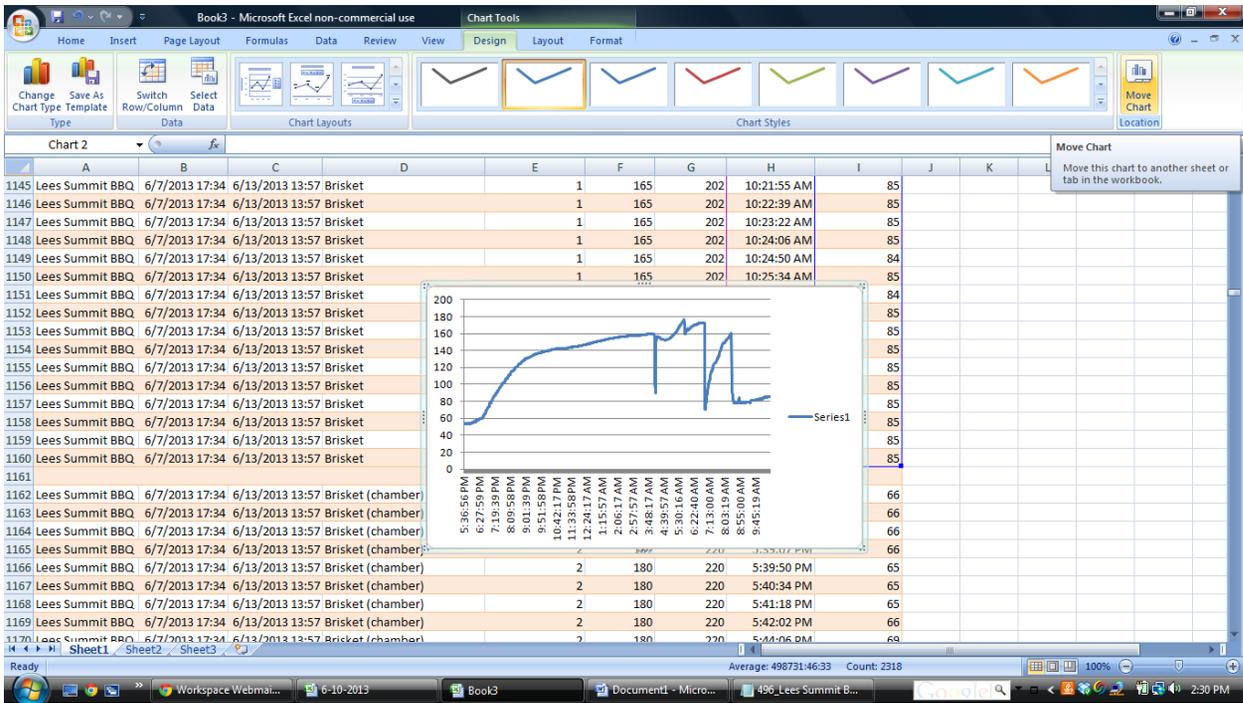
Ready Average: 498731:46:33 Count: 2318 100%

Taskbar: Workspace Webmai..., 6-10-2013, Book3, DocumentL - Micro..., 426 Lees Summit B..., 2:29 PM



Under the "Insert" tab create a 2-D line graph.

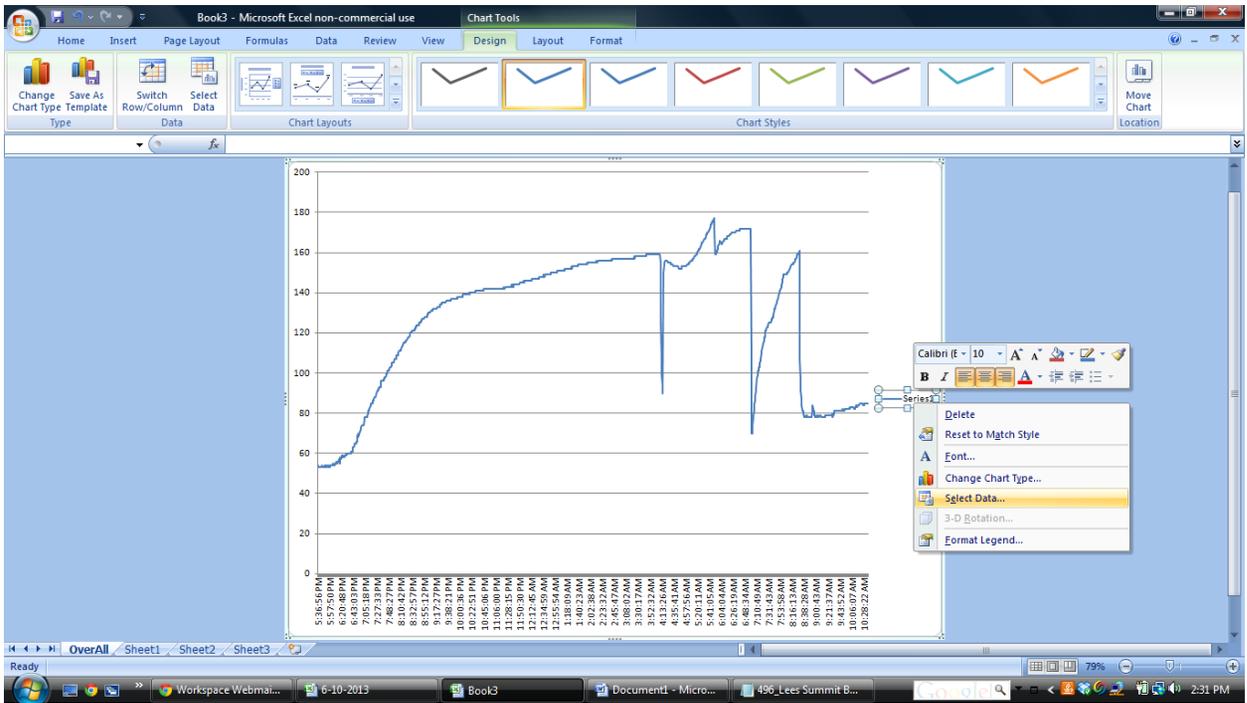




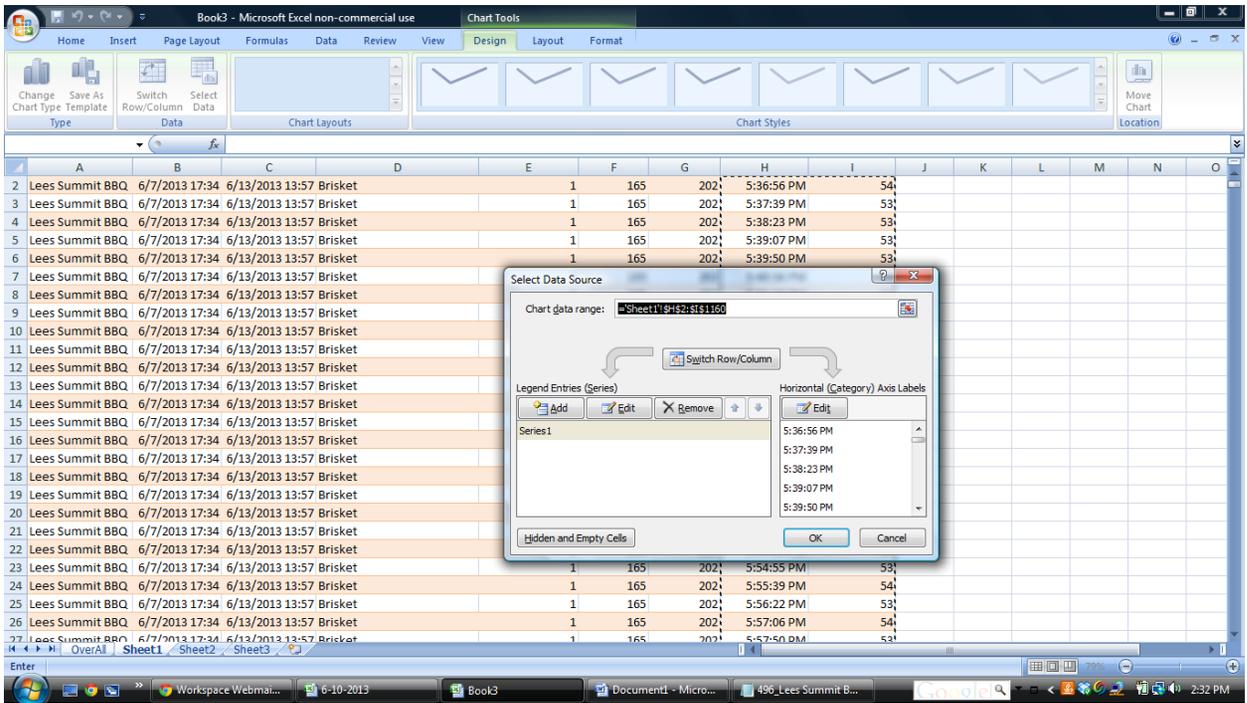
Your line graph should look similar to this. Now click Move Chart in the upper right hand corner.

The screenshot shows the Microsoft Excel interface with the 'Chart Tools' ribbon active. A 'Move Chart' dialog box is open, allowing the user to choose where to place the chart. The 'New sheet' option is selected with the name 'OverAll'. The 'Object in' option is set to 'Sheet1'. The background spreadsheet contains data for 'Lees Summit BBQ' with columns for date, time, and other metrics. A line chart is visible in the background, showing data points over time.

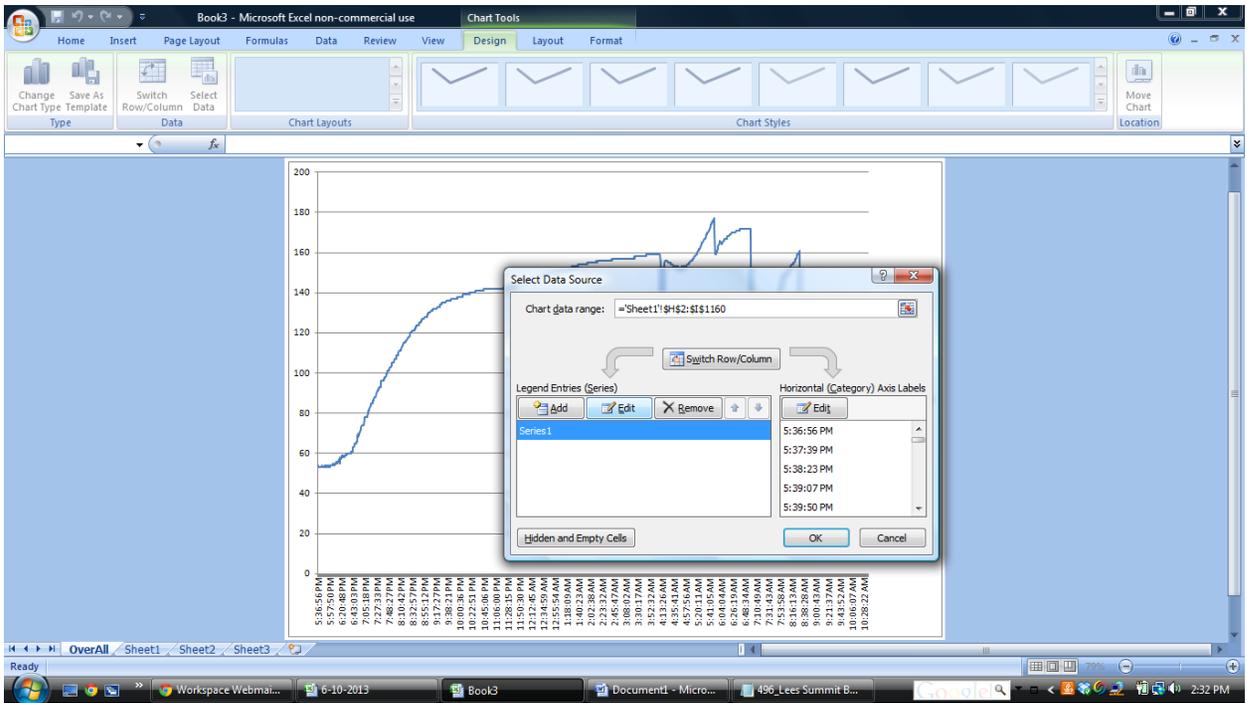
Move the Chart to a New Sheet and name it whatever you'd like.



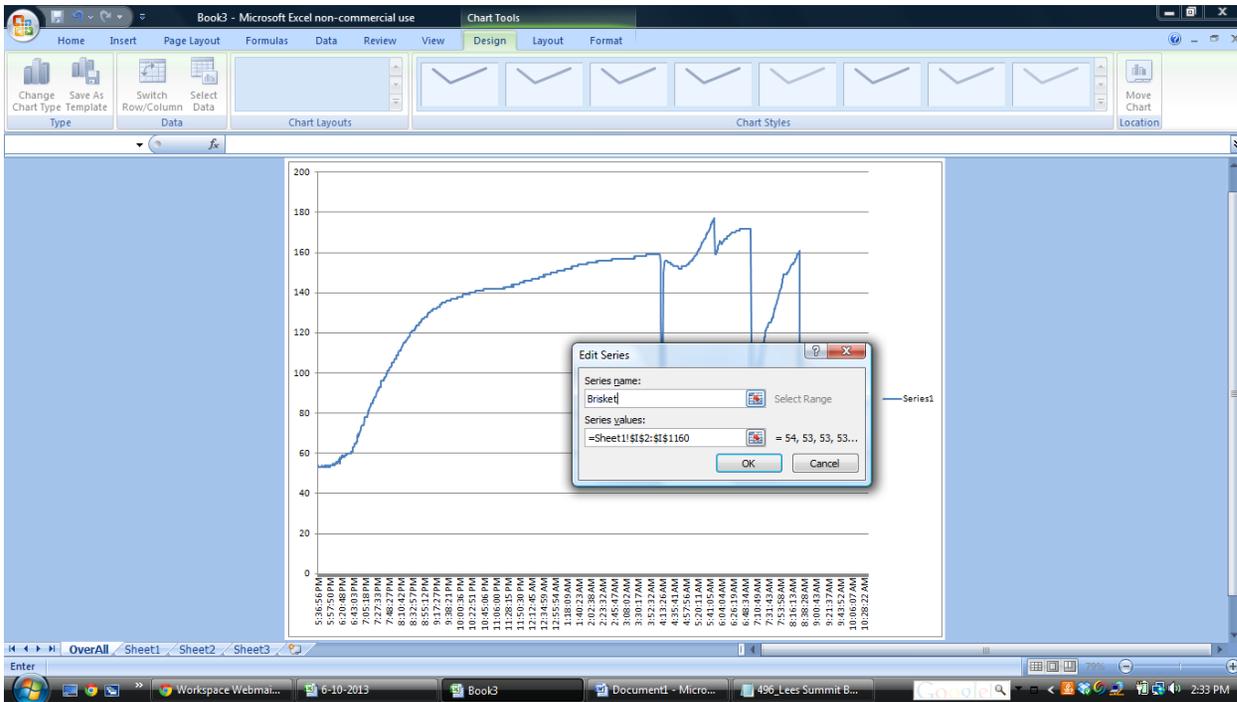
This is where it gets a little complicated. Right click the series name and select "Select Data..."



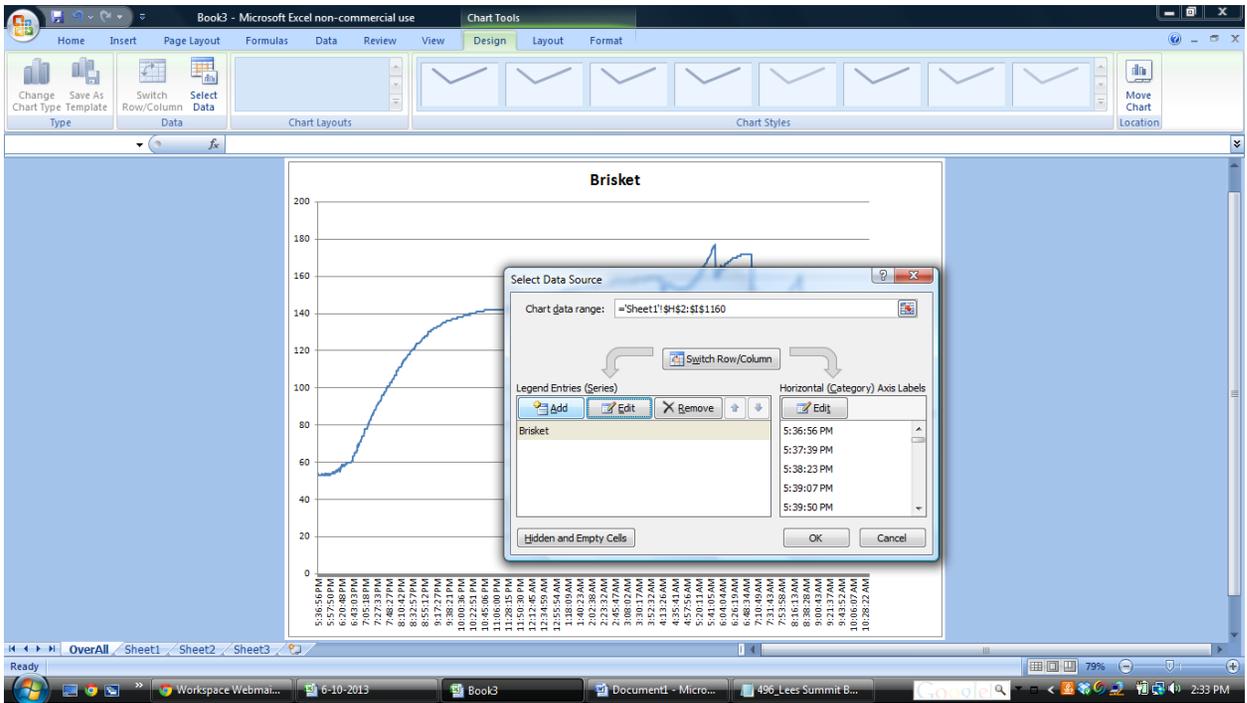
Select Data Source will pop up.



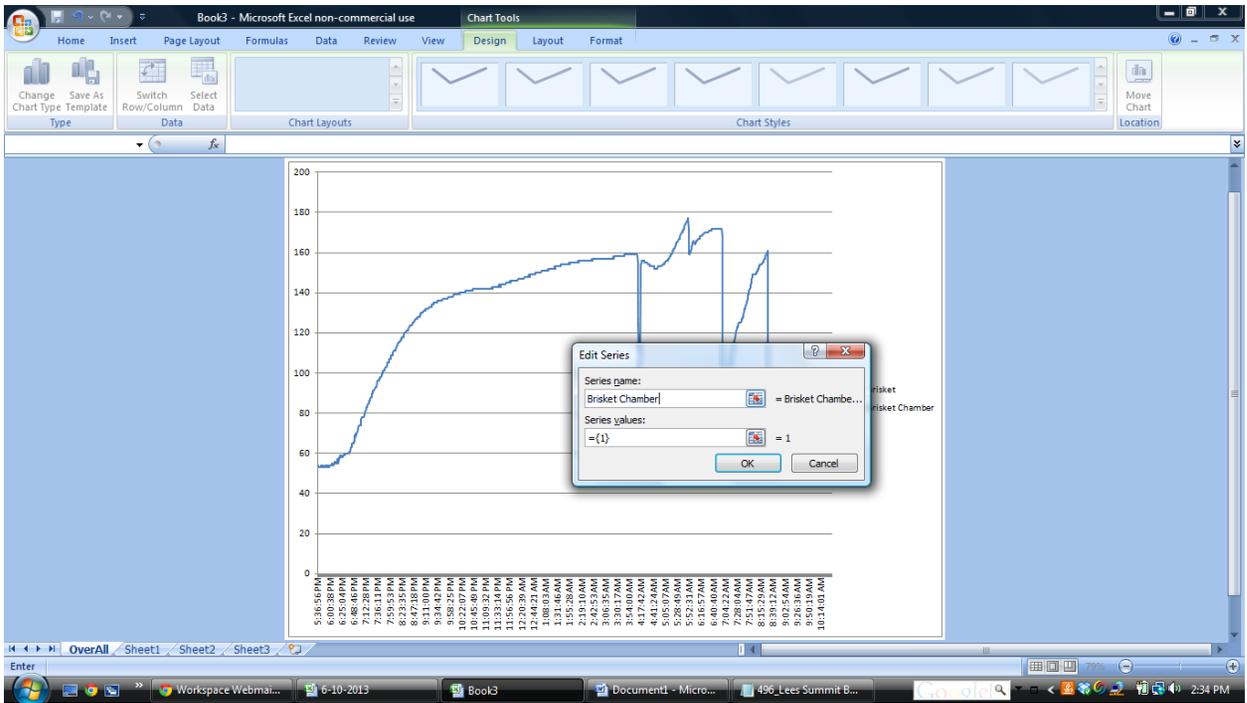
You'll want to select your Series 1 and press Edit.



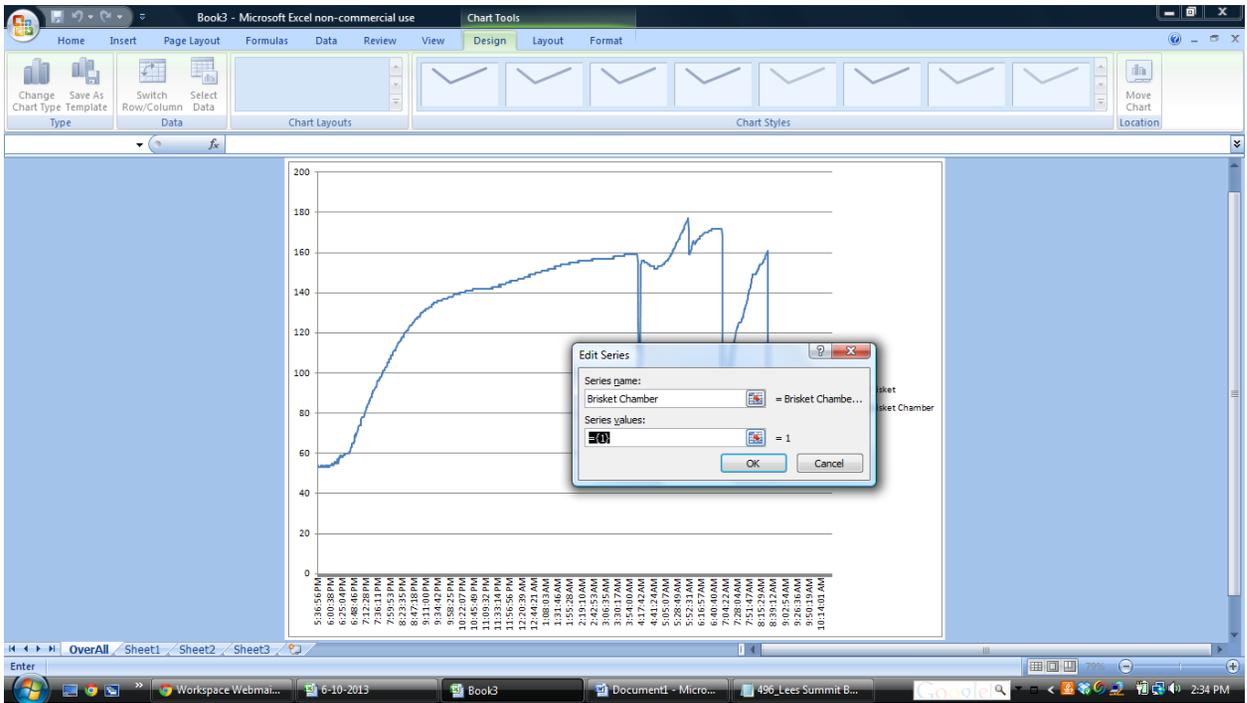
Within the Edit Series box you can change your Series name. In this case my series was Brisket. Select OK.



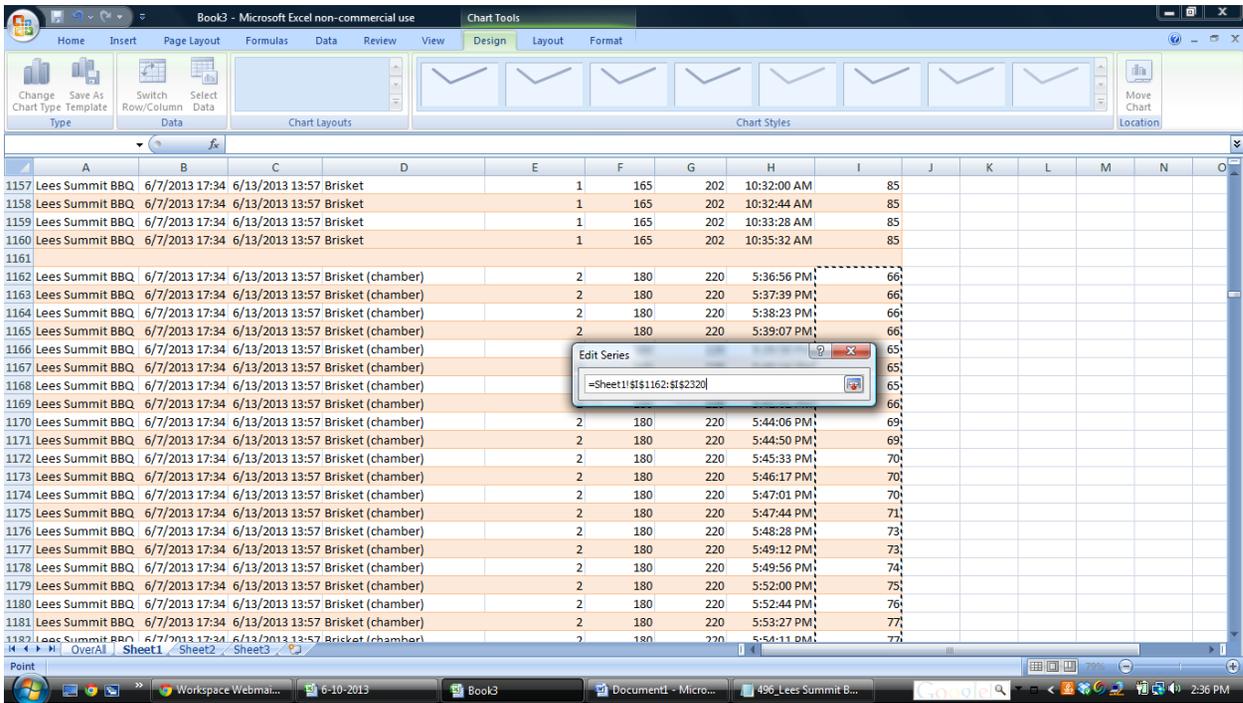
Next you will want to add your other 3 probe temperatures. Select the Add button on the left.



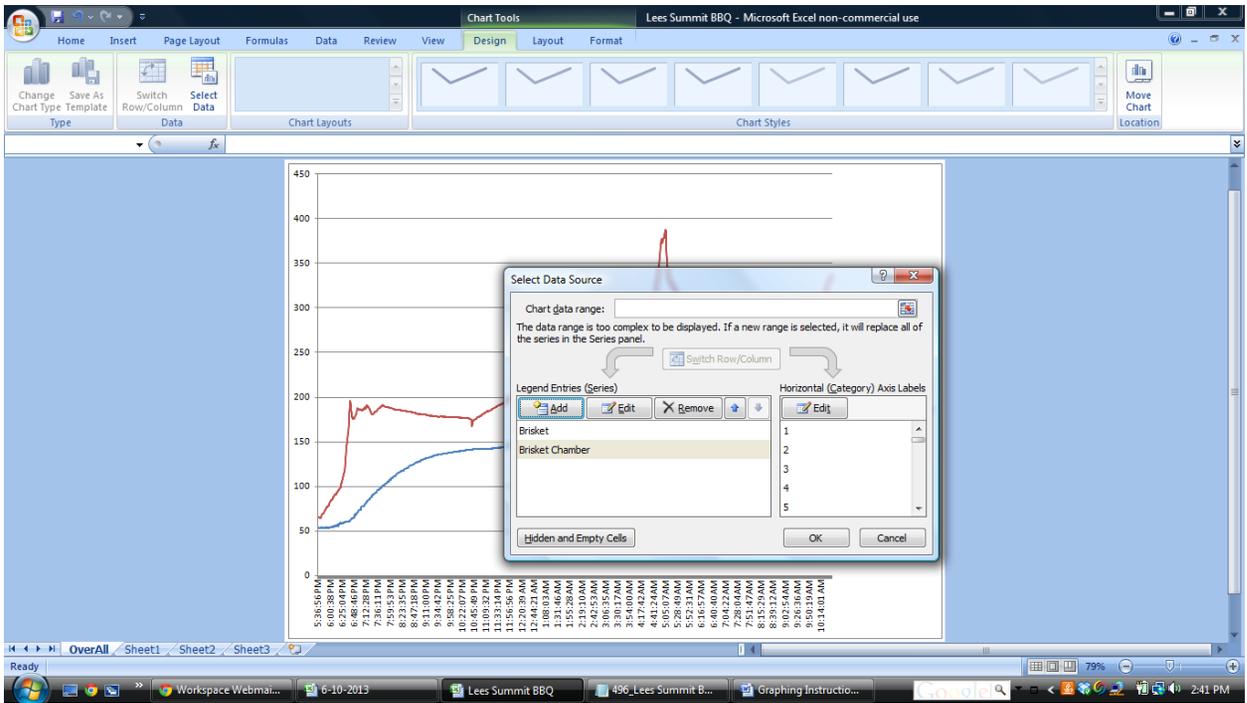
Name your series like before.

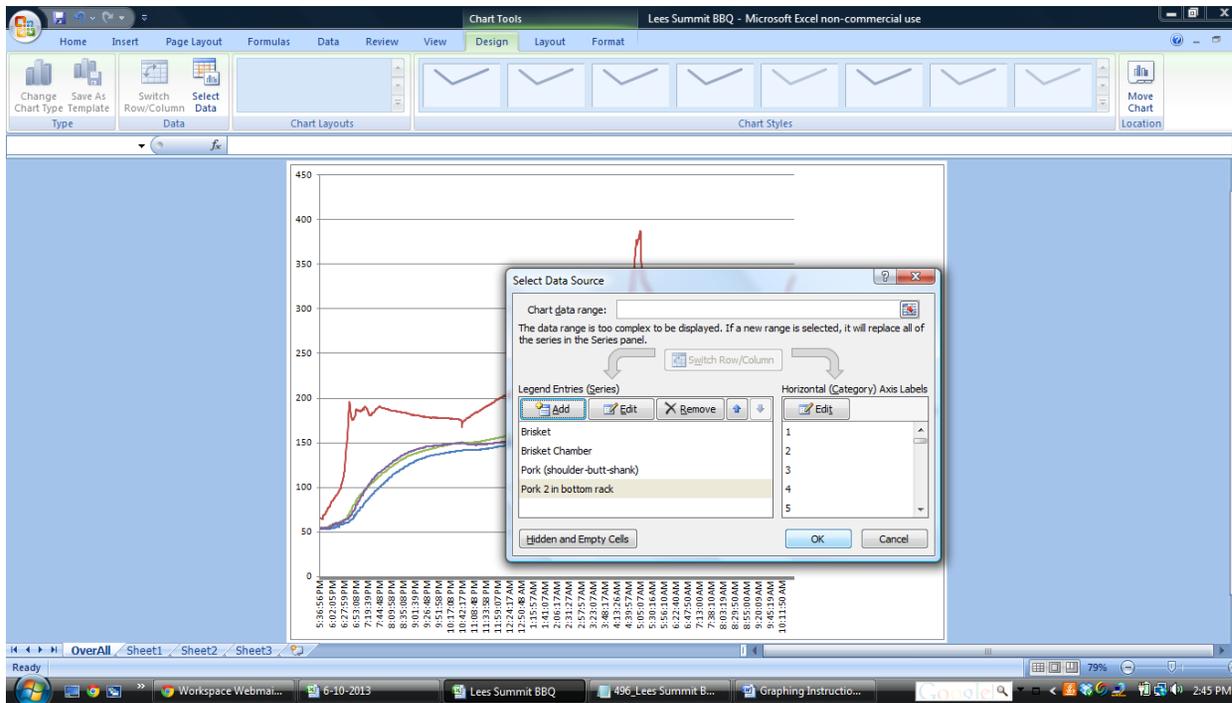


Select the button to the right of Series Values:.

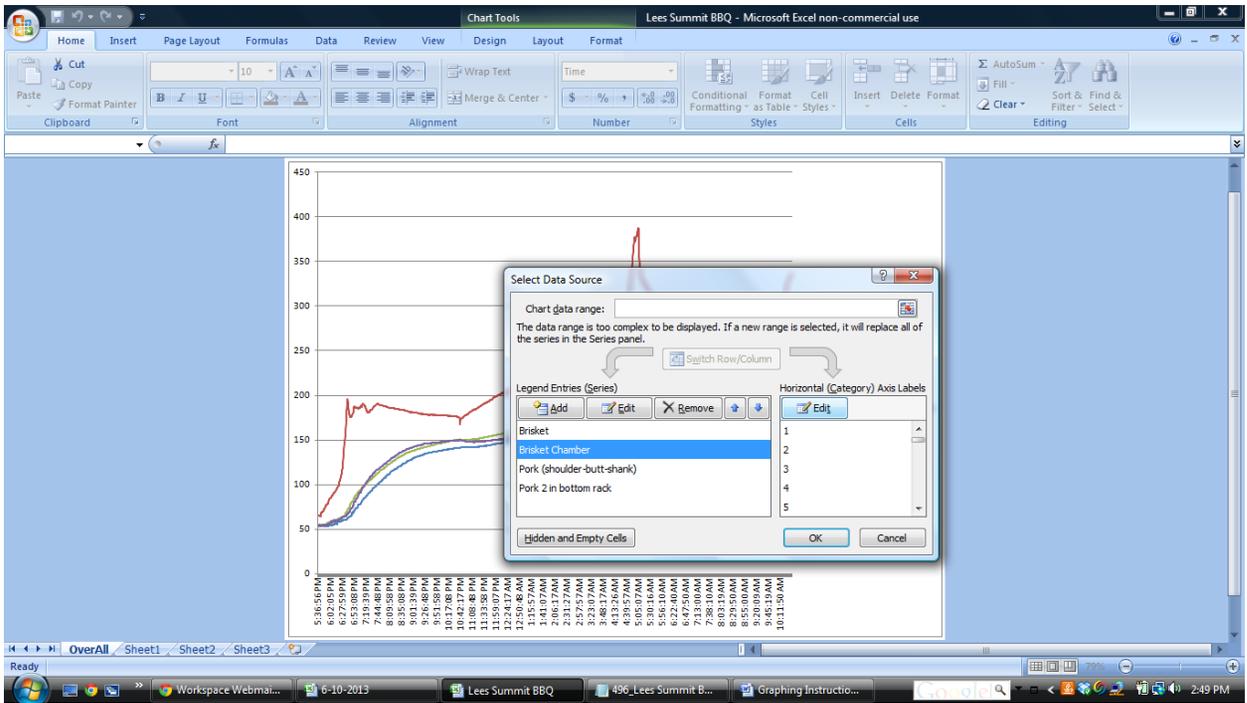


Slide over to Sheet1 and select your temperatures for probe 2. Hit the button to the right of the data and select OK.

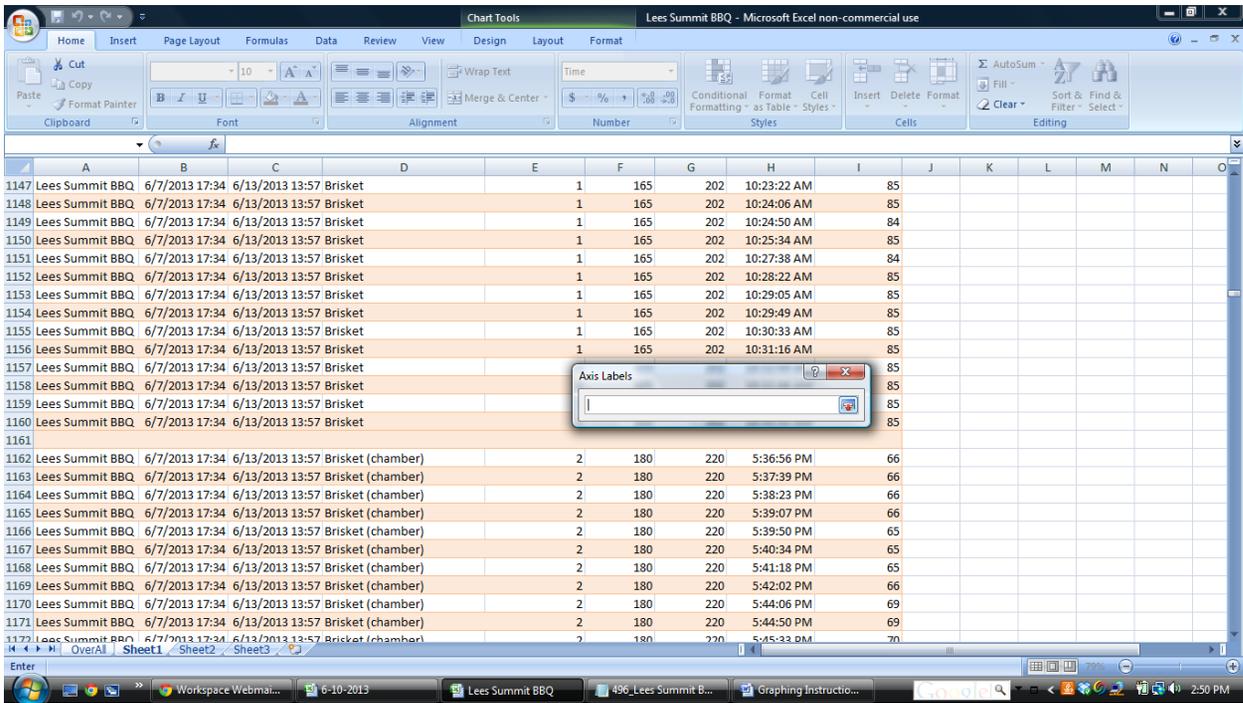




Once you've added all four probes you'll notice that the Horizontal (Category) Axis Labels for the last three probes are displaying 1, 2, 3, 4, 5... and the first probe will still be displaying the time. You'll want to change this in order to determine the correct time your meat was done, your chamber went out of range, something went wrong with your smoker, etc. instead of it just showing the value number.



So to do this you'll want to select probe two then select Edit on the right hand side.

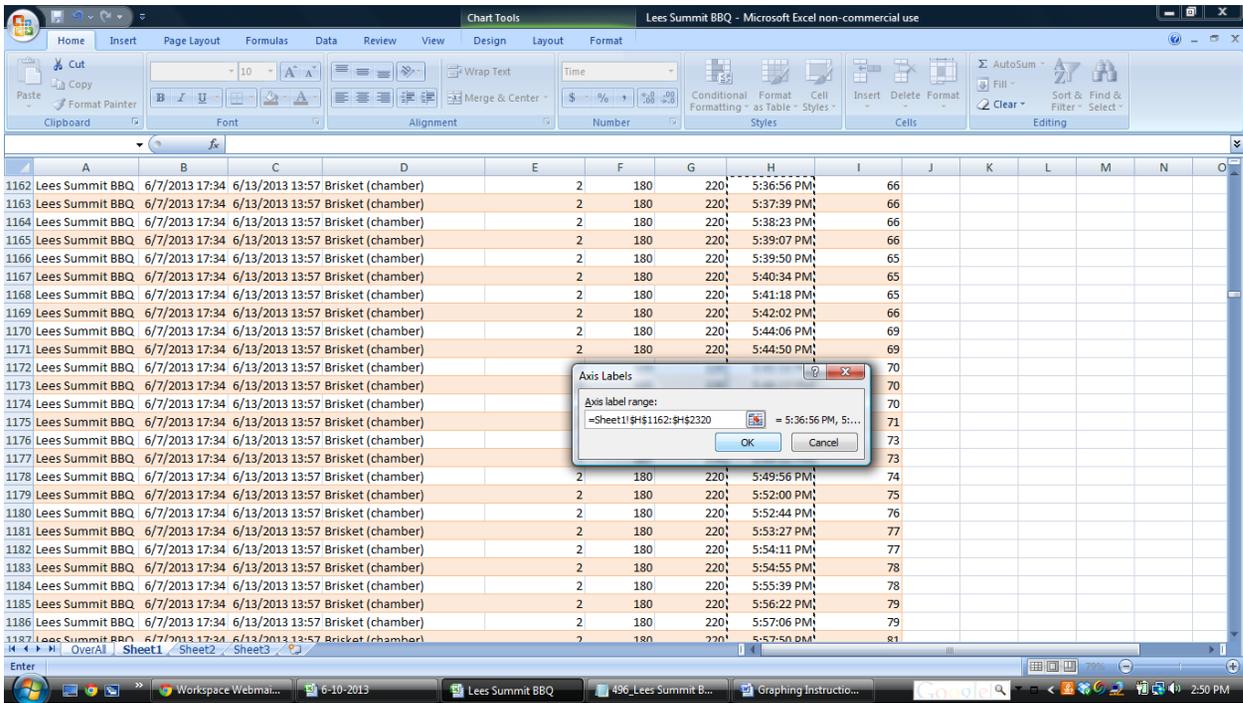


An Axis Labels box will pop up. If it doesn't take you to sheet1 or where you've imported your data slide over there now. Scroll up to where probe two starts and begin selecting the data in column ActualTime as shown below.

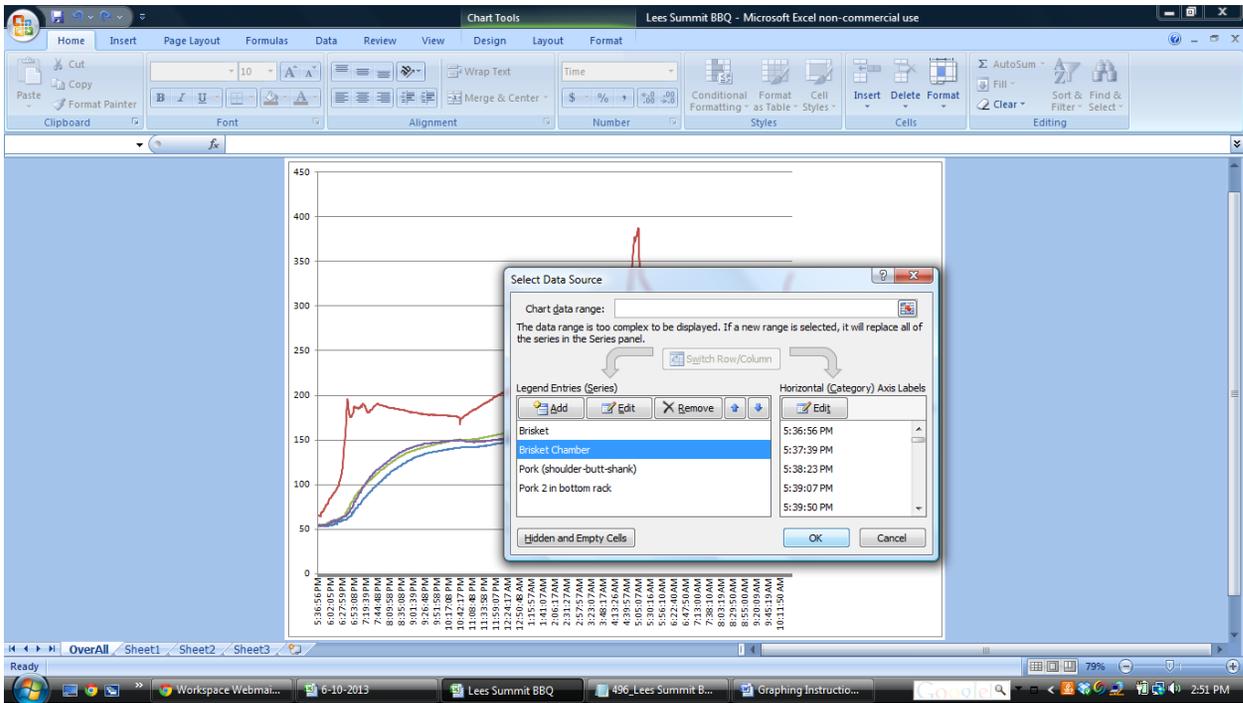
The screenshot shows a Microsoft Excel spreadsheet with a data table. The table has columns A through O. The data rows are numbered 2298 to 2323. The 'Axis Labels' dialog box is open, showing the formula `=Sheet1!$H$1162:$H$2320`. The dialog box has a close button (X) and a help button (?). The spreadsheet data is as follows:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2298	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:15:28 AM						309
2299	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:16:12 AM						309
2300	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:16:56 AM						310
2301	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:17:39 AM						282
2302	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:19:44 AM						303
2303	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:20:28 AM						307
2304	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:21:11 AM						310
2305	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:21:55 AM						312
2306	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:22:39 AM						317
2307	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:23:22 AM						319
2308	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)											322
2309	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)											323
2310	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)											323
2311	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)											328
2312	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:28:22 AM						329
2313	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:29:05 AM						330
2314	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:29:49 AM						330
2315	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:30:33 AM						331
2316	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:31:16 AM						331
2317	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:32:00 AM						333
2318	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:32:44 AM						333
2319	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:33:28 AM						334
2320	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Brisket (chamber)		2	180	220	10:35:32 AM						338
2321															
2322	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:36:56 PM						54
2323	Lees Summit BBQ	6/7/2013 17:34	6/13/2013 13:57	Pork (shoulder-butt-shank)		3	180	205	5:37:39 PM						54

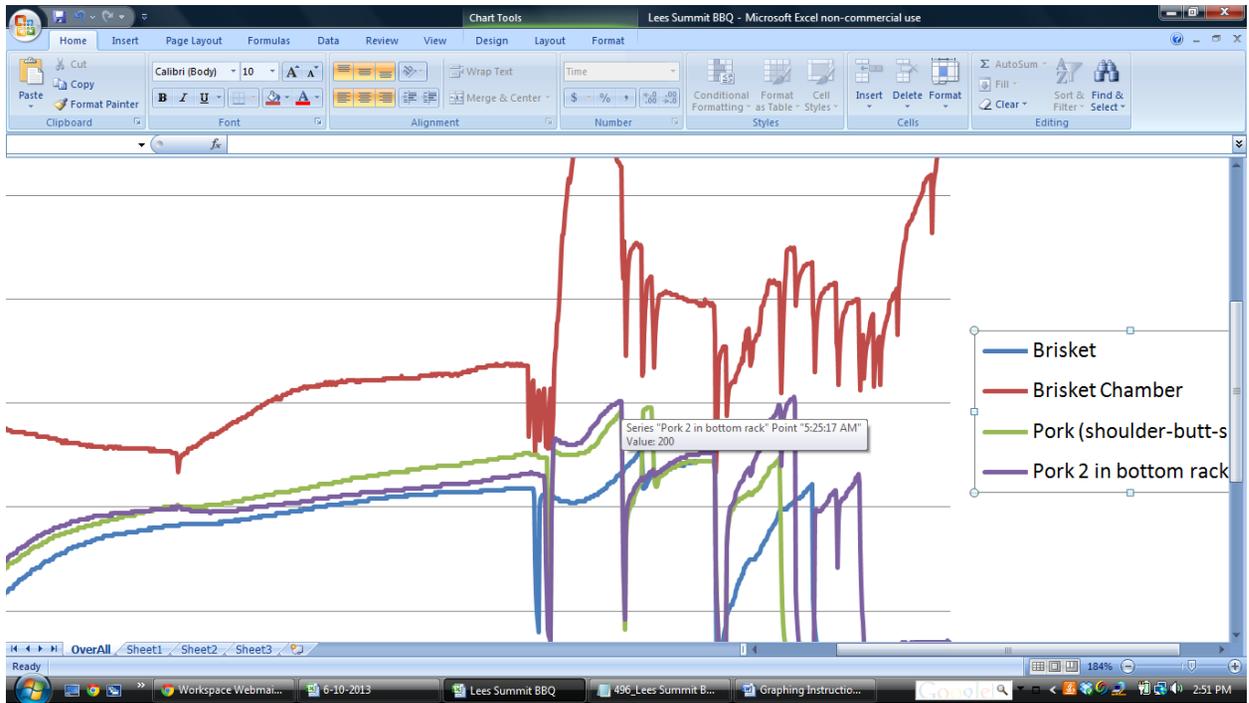
Select the button on the right of the box.



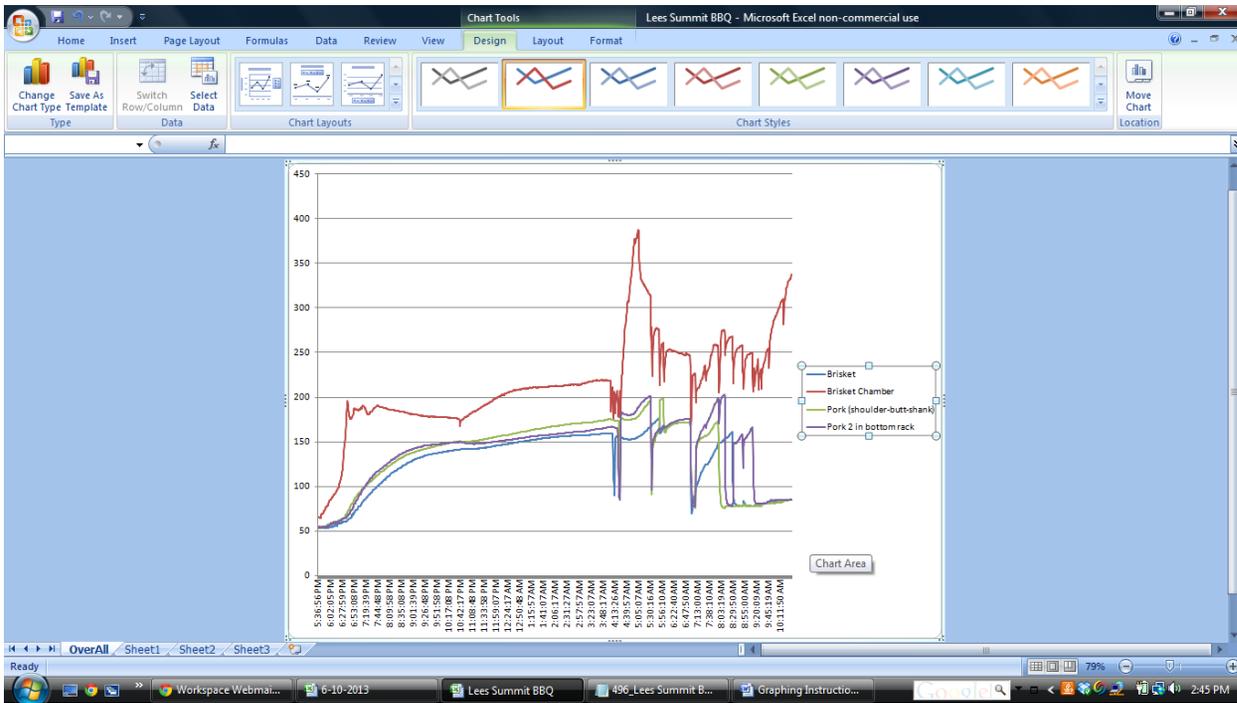
Select OK. YOU DON'T NEED TO DO THIS FOR EVERY PROBE, JUST PROBE 2 AND IT WILL AUTOFILL THE REST.



Select OK.



Now when you highlight over any line it will show the correct time and temperature of that point.



Final Graph.