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How To Read MicroDL Temperature Data Loggers











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Reading the Logger:

1) Start the MDAS-Pro software by double clicking on the icon.

2) Plug the MicroDL reader USB into your PC. Turn the MicroDL display on by pressing the black Start Button. The display will stay on for four minutes before hibernating.



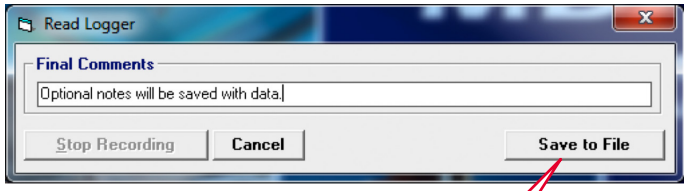
3) Place the MicroDL into the reader station, with the display side down, while the display is still ON in order to communicate with the computer.

On menu select **Logger** and then click on **Read Logger** in the drop down menu.



4) A pop-up box lets the user enter an optional note which will be saved with the data file on the hard drive.

The note is optional.



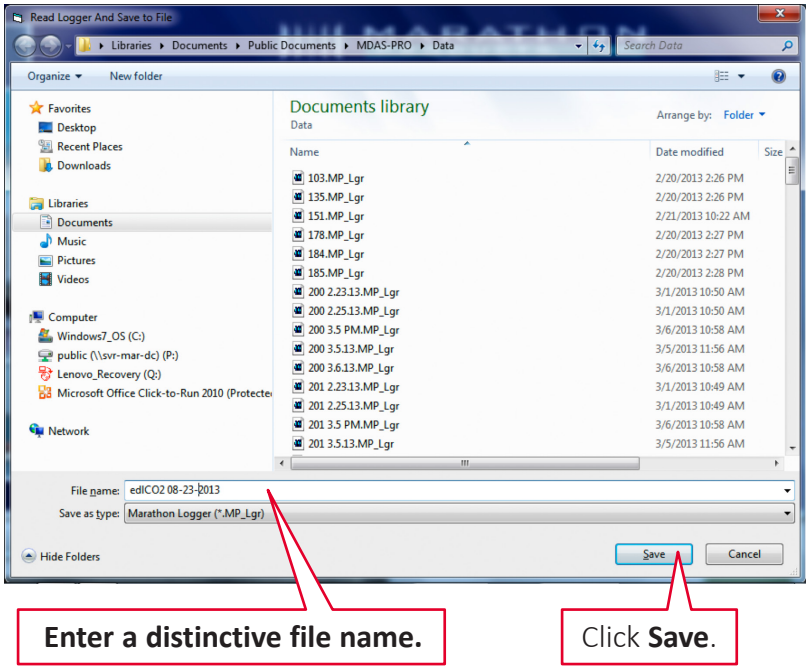
Click on **Save to File** to read the logger and save to a file.

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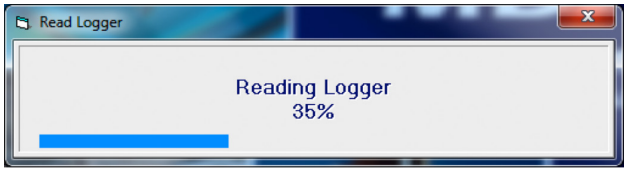
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Recorded Session Information:

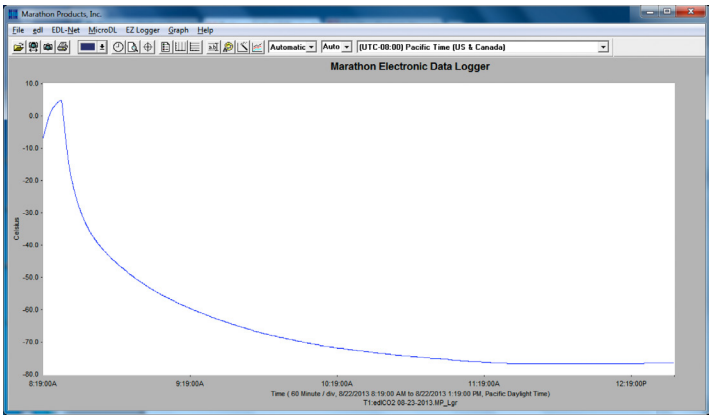
1) The Read Logger And Save to File window opens.



2) The software will read the logger and save the data to your hard drive.



3) The data will be plotted and displayed automatically.

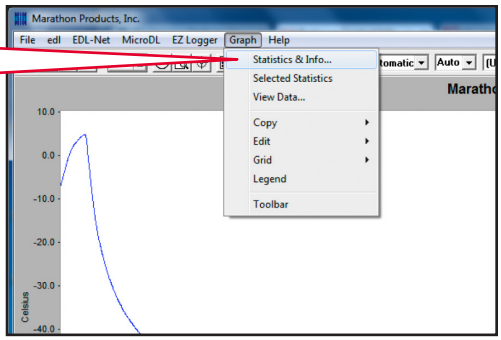


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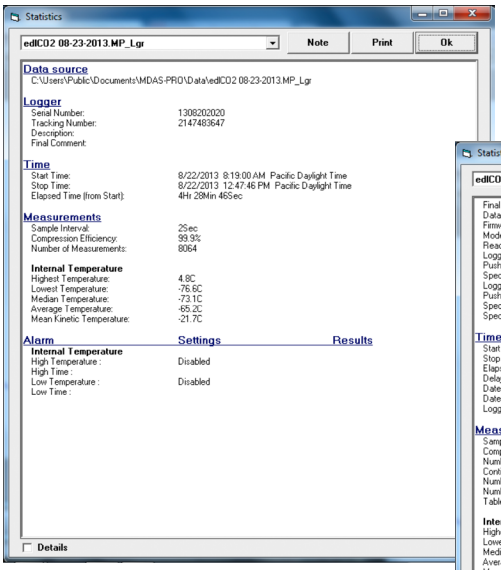
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Recorded Session Information (continued):

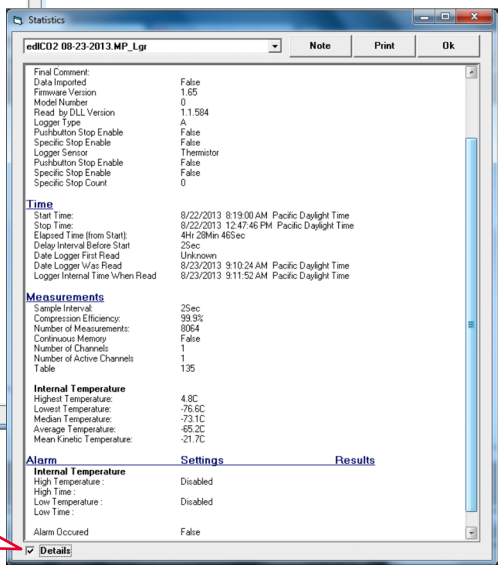
4) Select **Graph/Statistics & Information** to get information on the logger session being displayed.



5) Summary information Report:

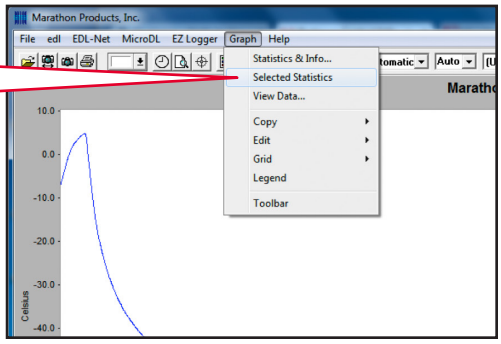


6) Detailed information Report:



Click **Details** for a detailed report.

7) Select **Graph/Selected Statistics** to get all the logger statistics for the loggers being displayed.

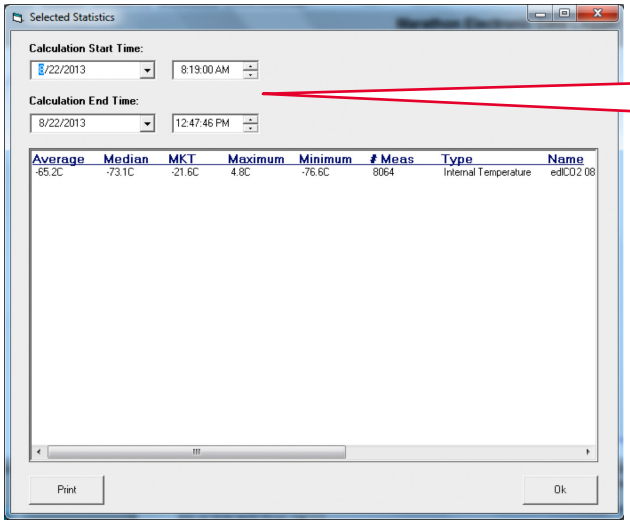


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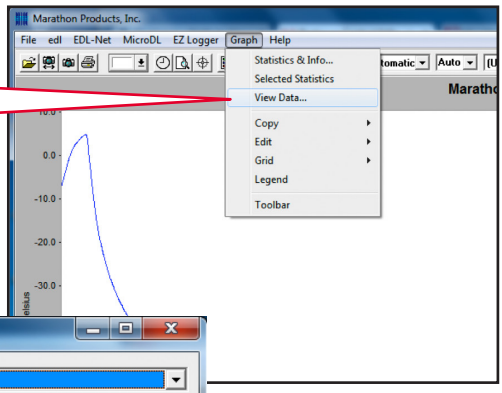
Exporting Data:

Selected Statistics Report:

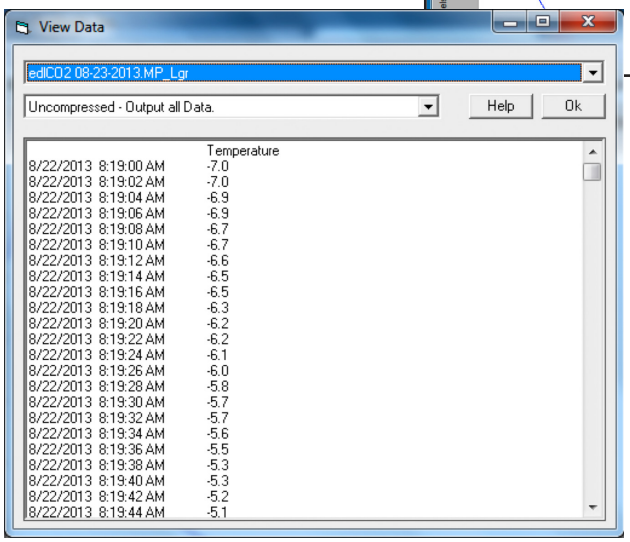


User can **set the Start Date & Time and End Date & Time** for specific intervals.

Select **Graph/View Data** for a pop-up window with the data points.



View Data Points Report:



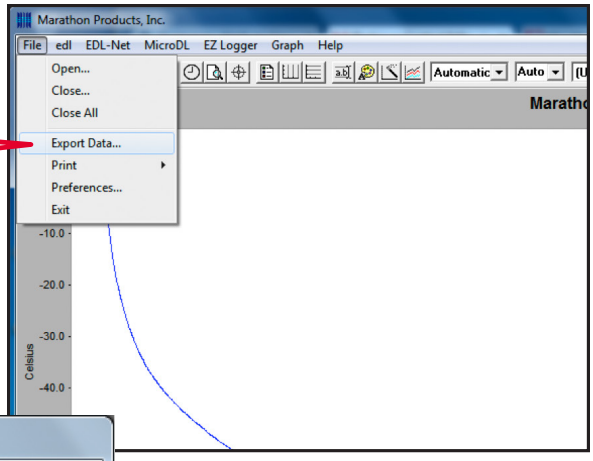
Data can be exported using the Export function under File menu item.

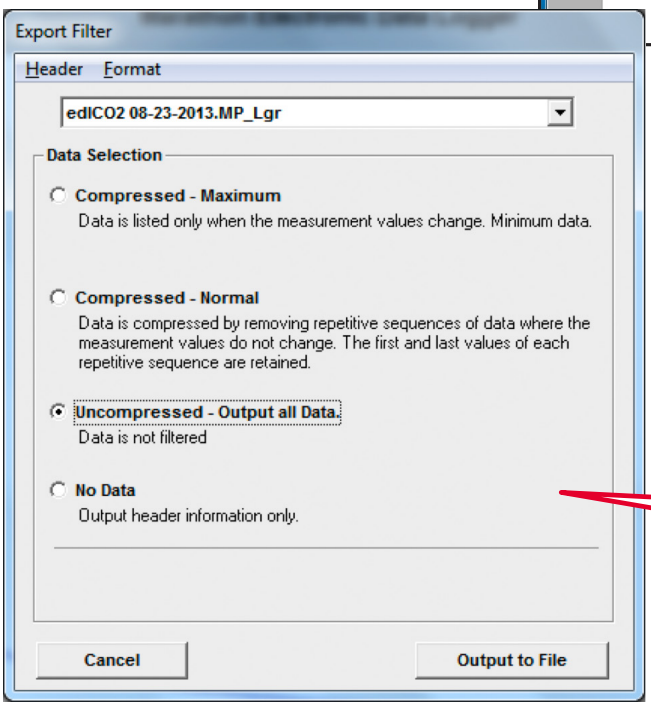
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Exporting Data (continued):

Select **File/Export** to export data to a CSV file.





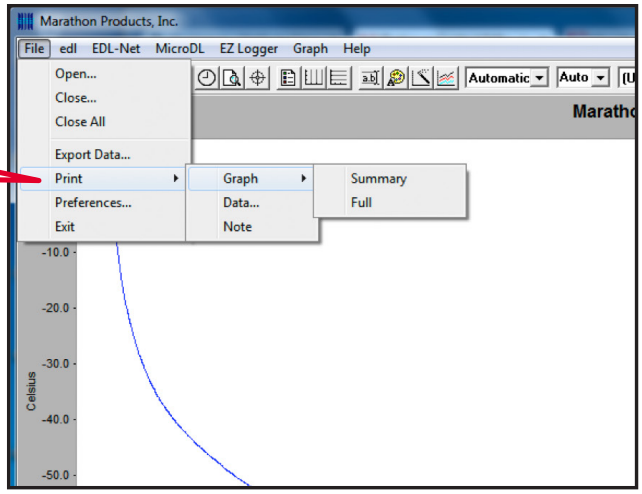
Choose the level of compression for your exported data.

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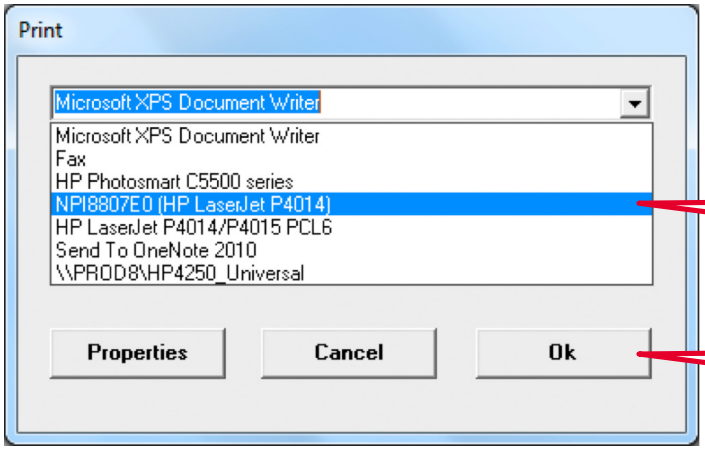
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Printing Reports:

Select **File/Print** to print reports including graphs.



Choose **Summary** or **Full** for the amount of detail to be included in the report.



Select the printer.

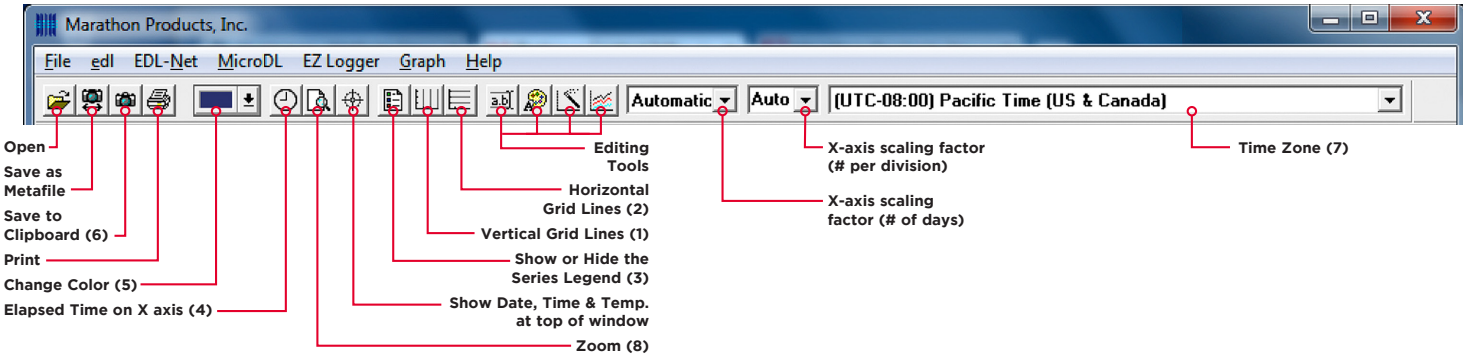
Click **OK.**

The graph and report will be printed to file as a hard copy record.

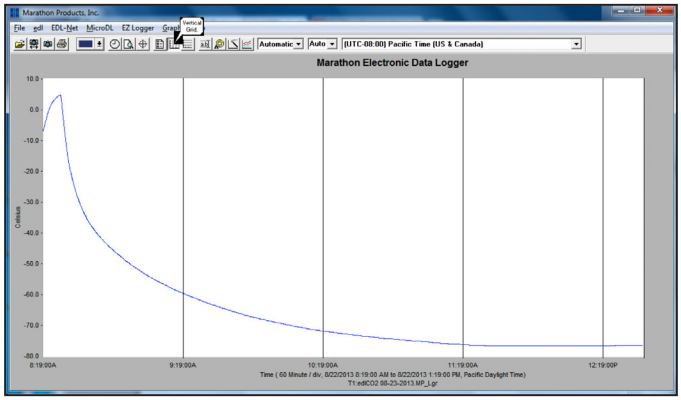
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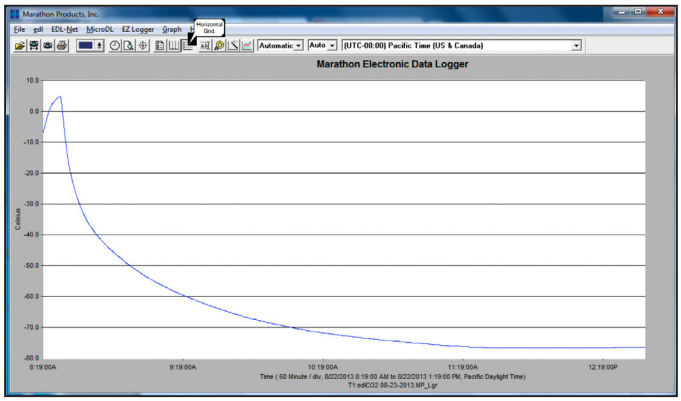
Changing the Graph Properties - Understanding the Menu Bar



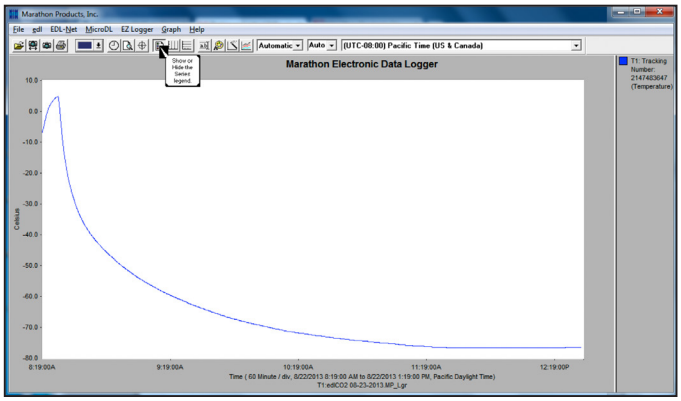
1) Select **Vertical Grid Icon** to add vertical grid lines.



2) Select **Horizontal Grid Icon** to add horizontal grid lines.

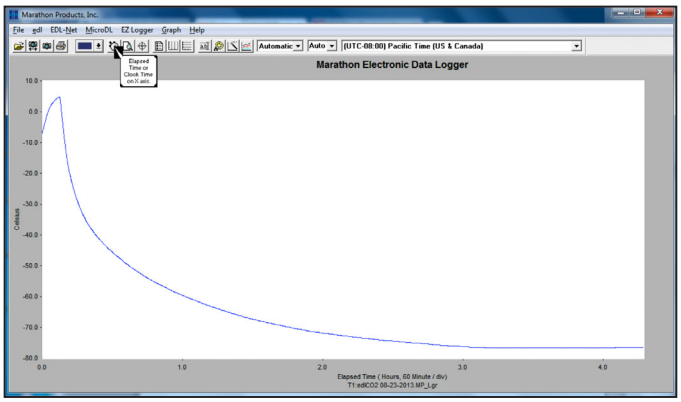


3) Show or Hide in Series Legend:



Click to show or hide in the sidebar.

4) Change to Elapsed Time on X-axis:



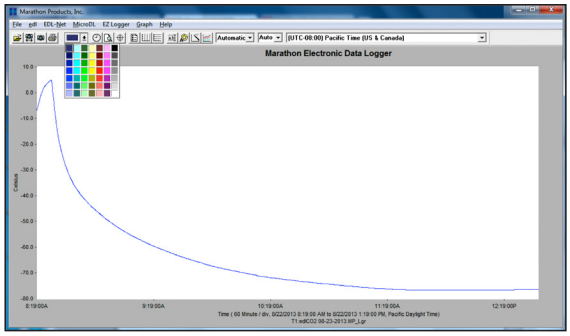
This feature is used to compare temperature plots from different time period.

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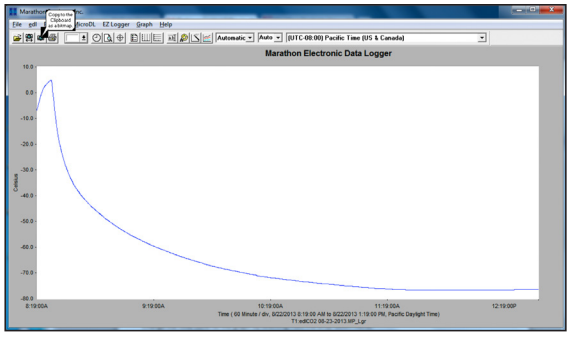
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Changing the Graph Properties - Understanding the Menu Bar

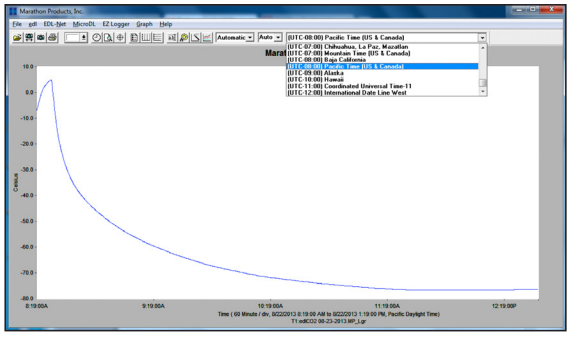
5) Select a new color from the drop-down palette: Left click and hold the button down on the rectangle, drag to the portion of the graph where you want to change the color.



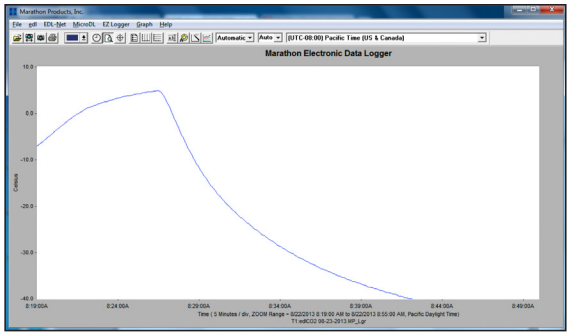
6) Copy the plot to the Clipboard as a bitmap image: The clipboard image can be pasted into an image editor, a Word document or a PowerPoint presentation.



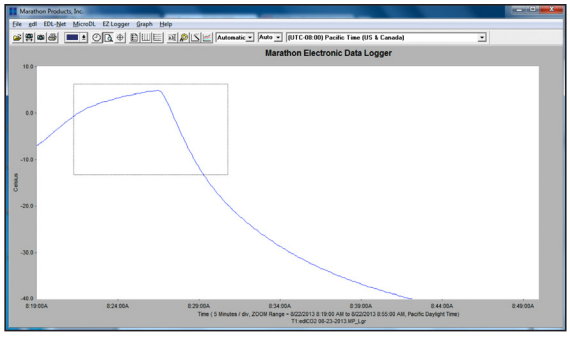
7) Time Zone: Change the Time Zone for the graph by selecting from the drop-down menu.



8) Zoom In/Out:



8a) To Zoom in, left click and hold while dragging cursor.



8b) Right clicking will step out incrementally.

