

How To Read C\Temp 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 C\Temp cable into your PC and the device.

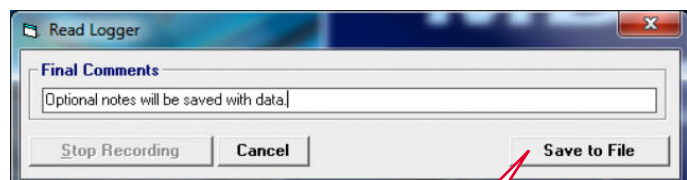


On menu select **Logger** and then click on **Read Logger** in the drop down menu.



- 3) 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.

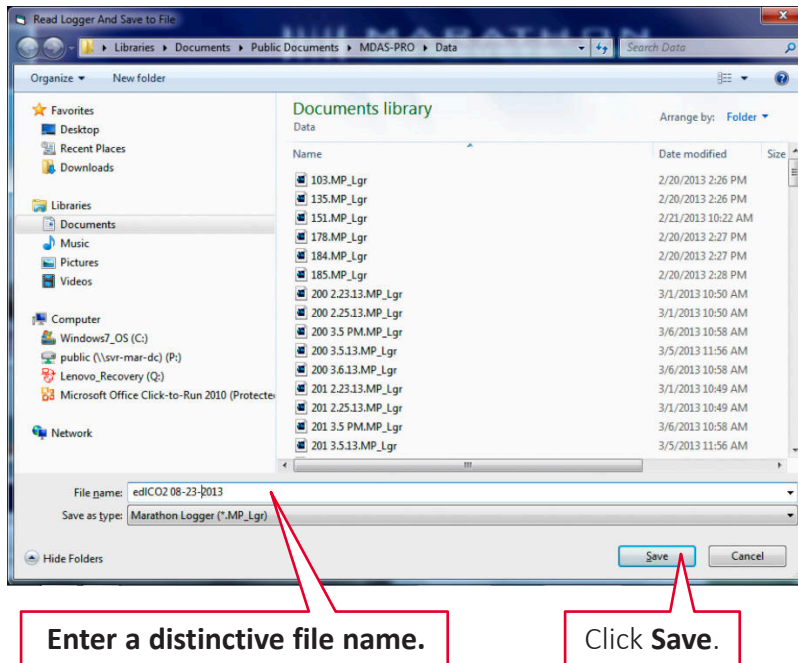


Click on **Save to File** to read the logger and save to a file.

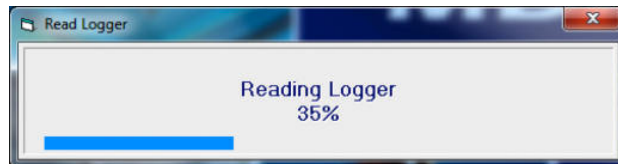
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Recorded Session Information:

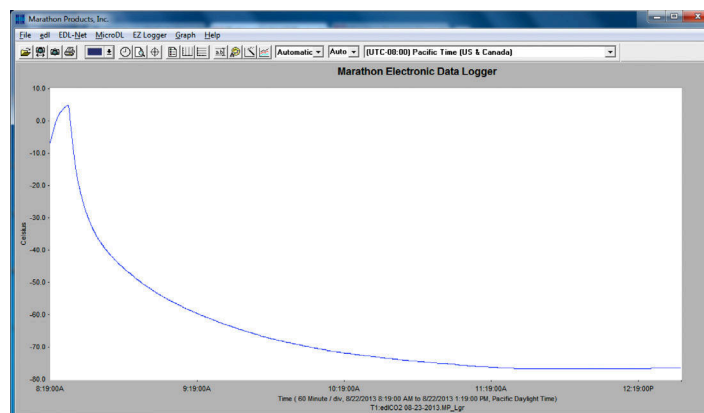
1) The Read Logger And Save to File window opens.



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



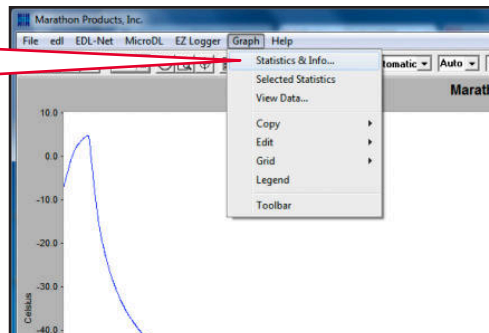
3) The data will be plotted and displayed automatically.



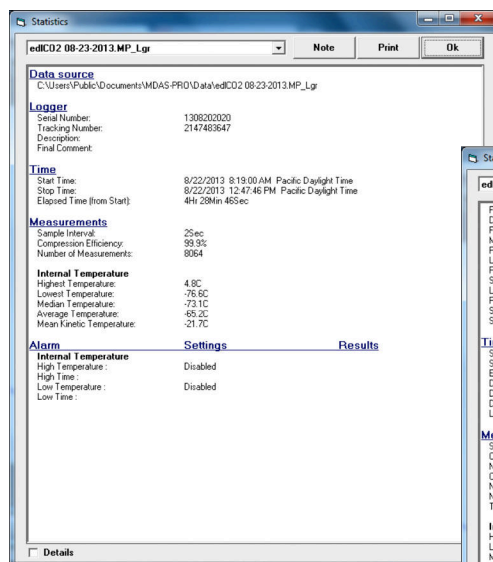
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Recorded Session Information (continued):

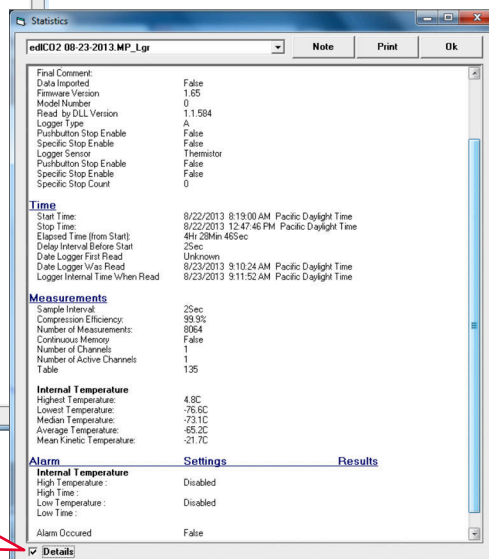
- 4) Select **Graph/Statistics & Information** to get information on the logger session being displayed.



- 5) Summary information Report:

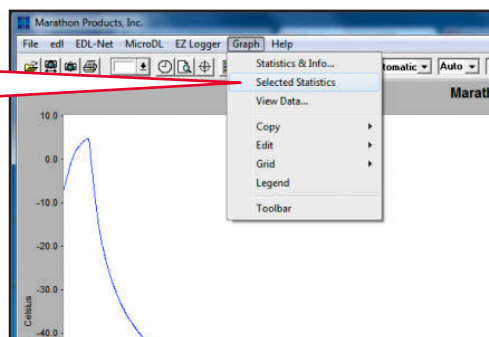


- 6) Detailed information Report:



Click **Details** for a detailed report.

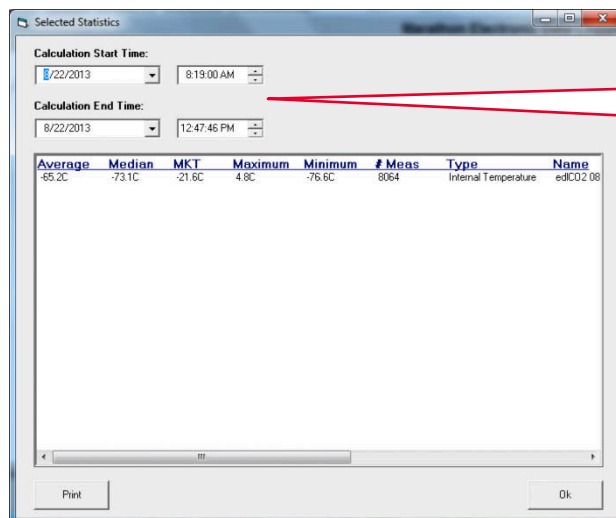
- 7) Select **Graph/Selected Statistics** to get all the logger statistics for the loggers being displayed.



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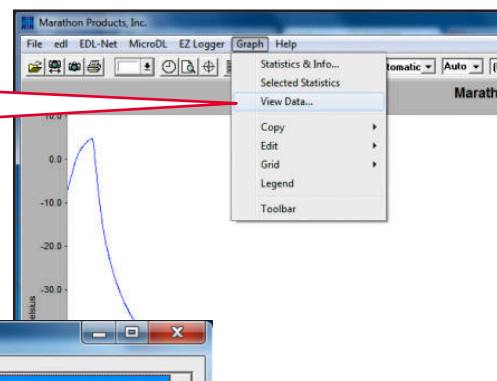
Exporting Data:

Selected Statistics Report:

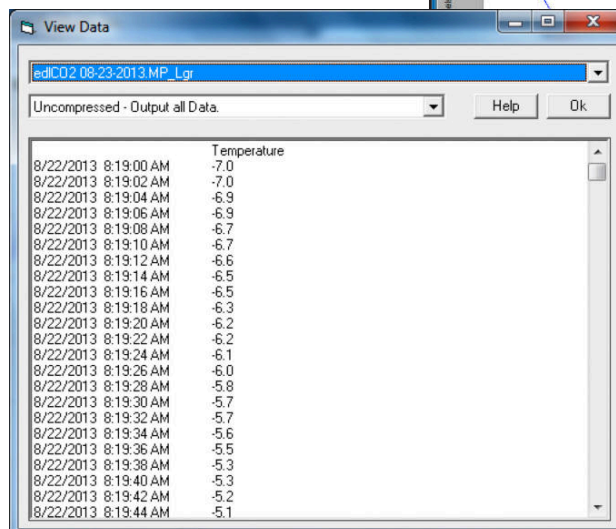


User can **set the Start Date & Time and End Date & Time** for specific intervals.

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):

The image shows two screenshots from the Marathon Products, Inc. EZ Logger software. The top screenshot shows the 'File' menu with 'Export Data...' selected. A red callout box points to this option with the text: 'Select **File/Export** to export data to a CSV file.' The bottom screenshot shows the 'Export Filter' dialog box. It has a 'Header' tab and a 'Format' tab. The 'Format' tab is active, showing a dropdown menu with 'edlCO2 08-23-2013.MP_Lgr' selected. Under 'Data Selection', there are four radio button options: 'Compressed - Maximum' (Data is listed only when the measurement values change. Minimum data.), 'Compressed - Normal' (Data is compressed by removing repetitive sequences of data where the measurement values do not change. The first and last values of each repetitive sequence are retained.), 'Uncompressed - Output all Data.' (Data is not filtered), and 'No Data' (Output header information only.). A red callout box points to the 'Uncompressed - Output all Data.' option with the text: 'Choose the level of **compression** for your exported data.' The dialog box has 'Cancel' and 'Output to File' buttons at the bottom.

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

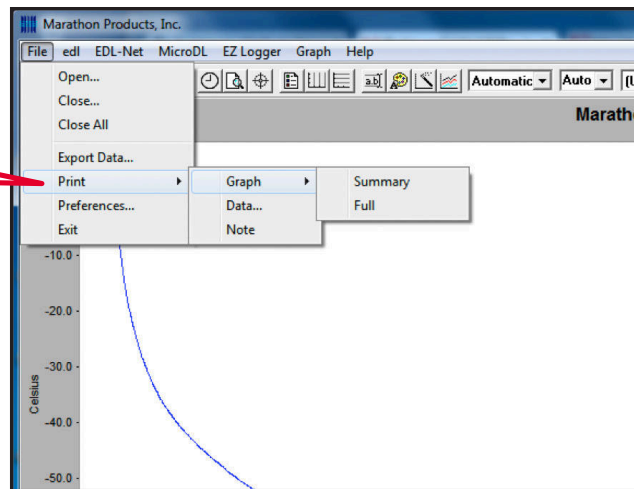
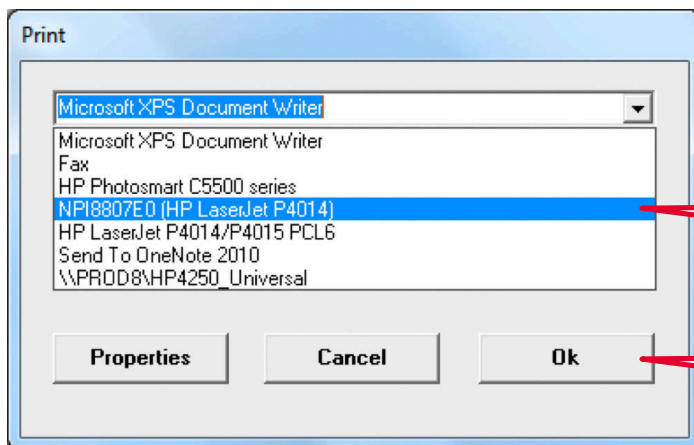
Choose the level of **compression** for your exported data.

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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.



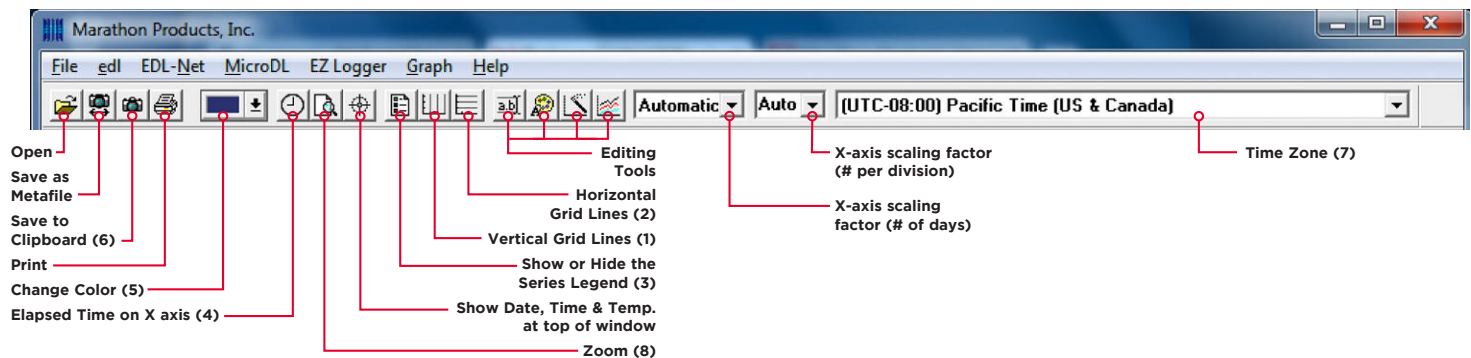
Select the printer.

Click **OK**.

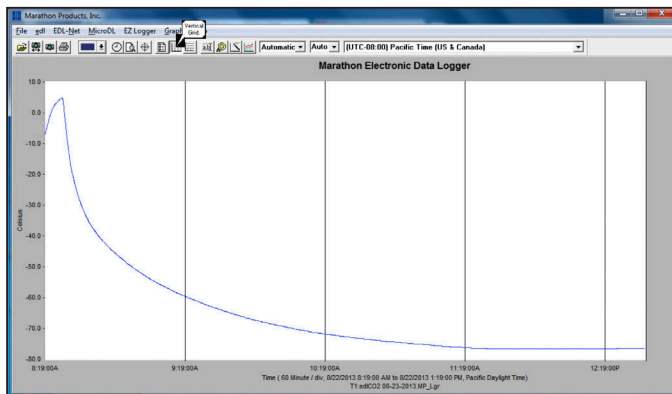
The graph and report will be printed to file as a hard copy record.

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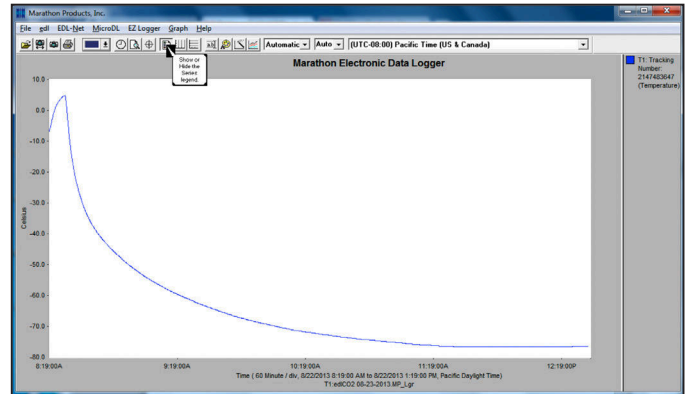
Changing the Graph Properties - Understanding the Menu Bar



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

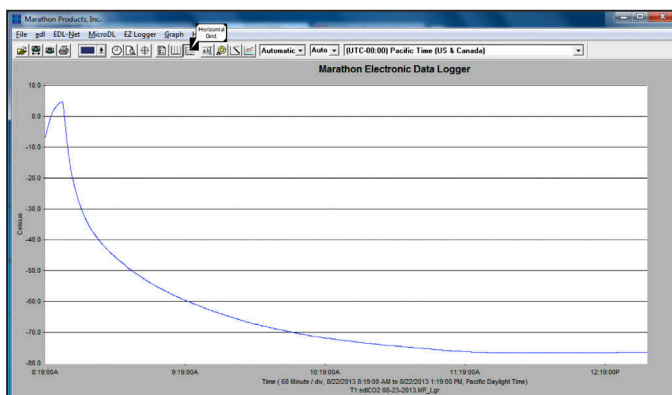


3) Show or Hide in Series Legend:

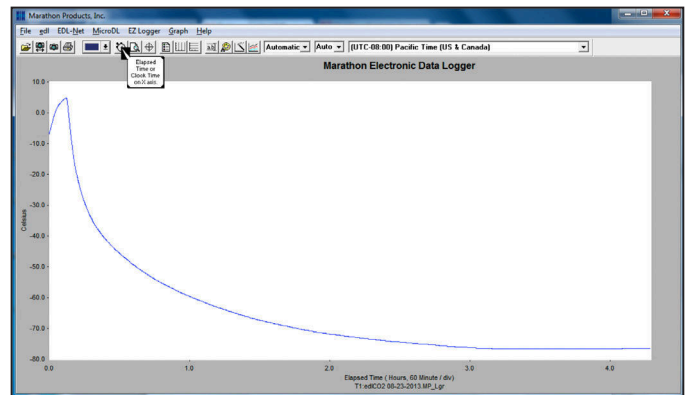


Click to show or hide in the sidebar.

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



4) Change to Elapsed Time on X-axis:

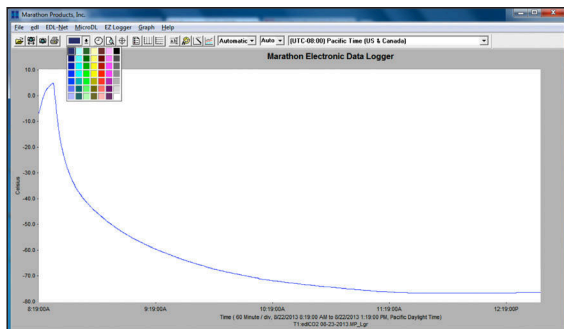


This feature is used to compare temperature plots from different time period.

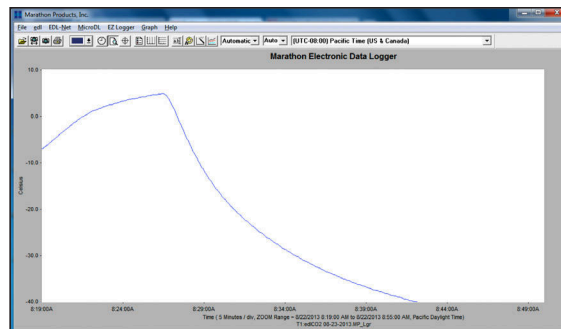
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Changing the Graph Properties - Understanding the Menu Bar

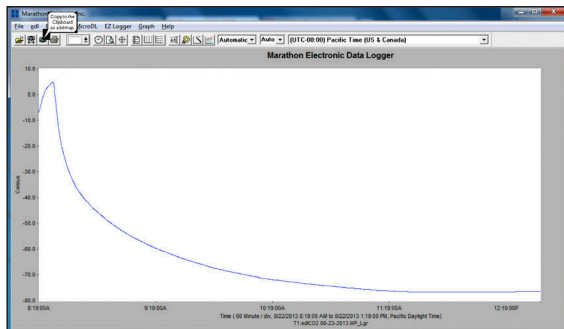
- 5) Select a new color from the drop-down palette:
Left click and hold the button down on the rectangle, drag to the portion of the graph where you want to change the color.



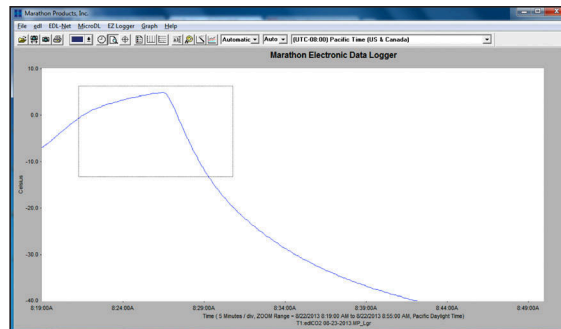
- 8) Zoom In/Out:



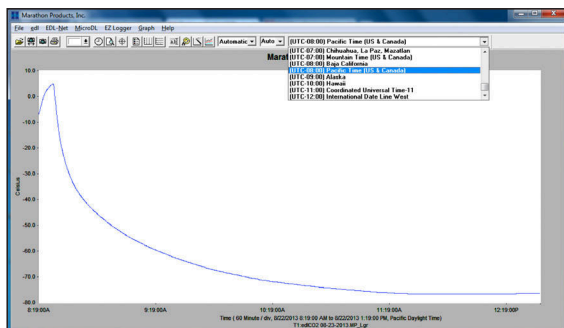
- 6) Copy the plot to the Clipboard as a bitmap image:
The clipboard image can be pasted into an image editor, a Word document or a PowerPoint presentation.



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



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



- 8b) Right clicking will step out incrementally.

