

# How do I export data from my HOBO Logger into a format that eClimateNotebook can read?

- 1. Connect Logger to computer via USB Port (or Serial Port if applicable)
- 2. Launch HOBOWare Pro
- 3. Configure the export settings to create eClimateNotebook-compatible CSV files
  - a. Click on File  $\rightarrow$  Preferences

HOBOware Pro						
File	File Device Edit View Tools Window Help					
6	Open Datafile(s)	Ctrl+O				
	Merge Datafile(s)					
	Open Project	Ctrl+Shift+O				
	Plot/Export wireless data	Ctrl+Shift+Q				
	Recent Files	۱.				
8	Close	Ctrl+W				
	Close All	Ctrl+Shift+W				
	Save Datafile	Ctrl+S				
	Save Project	Ctrl+Shift+S				
	Import Text Data	Ctrl+T				
	Import Text File from HOBOlink					
	Export Details					
æ	Export Table Data	Ctrl+E				
	Page Setup					
	Print Preview					
8	Print	Ctrl+P				
	Print Details					
	Print Points					
	Preferences	Ctrl+Comma				
	Quit	Ctrl+Q				

- b. Under the "General" section, click on the twisty (triangle) next to "Export Settings"
  - i. Export file type should read "Text (.txt or .csv)"
  - ii. Export table data column separator should read "Comma (,)"



- iii. Date format should read "M D Y"
- iv. <u>Date separator</u> should read "Slash (/)"
- v. Time format should read "12-Hour"
- vi. Click on "OK"

HOBOware Preference	es				×		
	[	Load Preferences V Save Preferences	You can have more than one version of your Preferences by using the Load/Save feature.				
503	^[	General					
General	I	▼ Export Settings			^		
		Use default BoxCar Pro export settings					
Communications		Export file type:	Text (.txt or .csv) 👻				
E		Export table data column separator:	Comma (,) 👻				
			Indude line number column				
Plotting			Indude plot title in header				
			Always show fractional seconds				
Data Assistants			Separate date and time into two columns				
Duta Assistants	Ξ	Column header:	No quotes or commas in headings, properties in parentheses				
			Indude logger serial number		Ξ		
Display			Include sensor serial number or label if available				
		Data formati	MDY - Date sample: 04/20/12				
		Date format:					
Warnings		Date separator:	Slash (/) 👻				
		Time format:	12-Hour V				
(°P))		Positive number format:	1,234.56 🗸				
Data Nodes		Negative number format:	-123 🗸				
20		Automatically export table data upon rei (Official datafile must be caused and in	ding out a logger				
Alarms	-						
		(Exported table data will be automatic	ally saved with the same file prefix and in the same directory as the offloaded datafile)				
Const 1	Ŧ	<ul> <li>Show multi-file export dialog</li> </ul>			-		
Heb	G	Takes effect on next plotted file		Satur Arrietant Destore Defaulte Cancel	×		
	6	HOBOnode Manager: Takes effect on restart or	next created plot	Concer Concer Concer Concer			

c. If any of these settings are different, the easiest way to get back to the proper settings is to click on the "Restore Defaults" button

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4. Device  $\rightarrow$  Readout



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#### 5. Save the HOBO file

H Save						<b>X</b>
Save in:	]] zippity			• 🖻 🖻	• 🔢 📰	
Recent Items						
Desktop						
My Documents						
Computer						
Network	File name: Files of type:	1021702 hobo		·	Sa Car	ve

6. Plot Setup - defines the data to be used in the dataset, this will affect the export. Make certain only [1] Temp in °F and [2] RH in % are checked, as well as [1] End Of File under Internal Logger Events

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Plot Setup				x			
Description	1021702						
Select Serie	es to Plot						
	None						
Series	Measurement	Units	Label	*			
<b>V</b> 1	Temp	°F ▼					
<b>V</b> 2	RH	%					
3	DewPt	°F ▼					
4	Batt	V		-			
Select Inte	rnal Logger Events t	to Plot					
	All 🖸 None						
Event Event Type Units							
☑ 1 End Of File 👻							
Offset from GMT $-4$ (+/- 13.0 hours, 0 = GMT)							
Data Assistants							
Help		Cancel	Plot	2			

click on "Plot"

7. HOBOWare will display a graph of the collected data

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8. Click on File  $\rightarrow$  Export Table Data...



9. Select "Export to a single file" then click on Export

Export Options		<b>X</b>
Export to a single file		
Export to multiple files (for	r files that exceed Excel's maximum row limit)	
Number of rows per file:	21,728 📩	
Export Folder:	1apph\Desktop\Farmers Museum test\Export04_20_12_10_52_25_AM_EDT	Choose
Filename Prefix:	1021702	
File Type:	CSV	
Sample:	1021702_Page0.csv	
	1021702_Page1.csv	
Help		Cancel Export



10. Click on the dropdown next to "Save in:" to choose the file location to save the file in, confirm that next to "Files of type:" it says ".csv Files." *If it doesn't, skip to step [] to change Preferences.* Click on Save

H Save		×
Save in:	👔 zippity 🗾 🚽 🎓 🔛 📰	
Recent Items	DataLoggers - Shortcut     Fails for KenC     Farmers Museum test     GodMode     Lab 1 Transfer Stuff	
Desktop	Screenshots	
My Documents		
Computer		
Network	File name:     eCNB1021702.csv     Sa       Files of type:     .csv Files     Car	ve

11. Your file is now ready to be imported into eClimate Notebook!