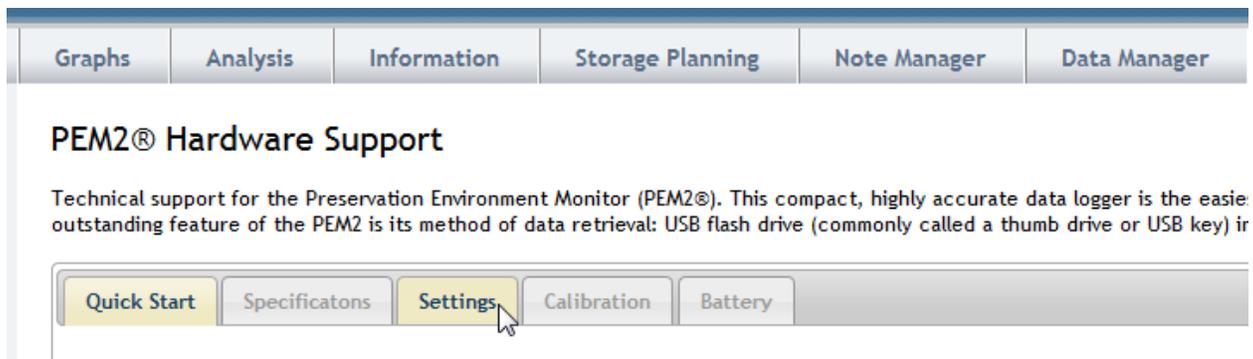


How Do I Reset the Timestamp on my PEM2 Datalogger?

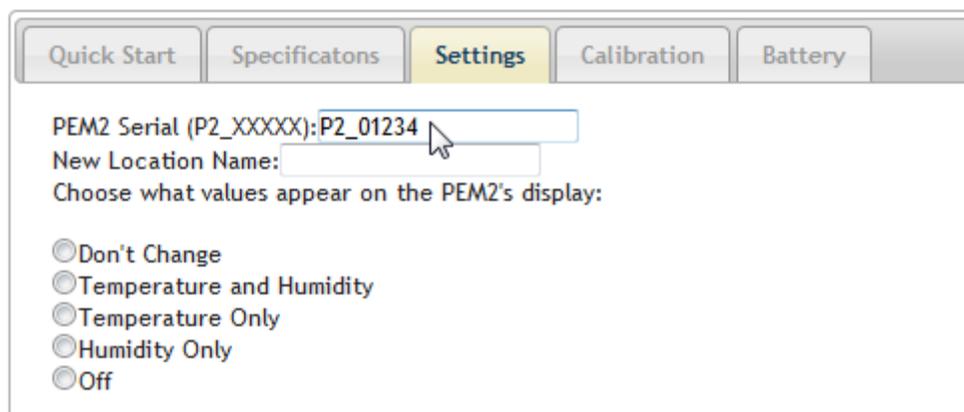
1. The first step is to insert a blank flash drive into your computer. You'll be saving the command file to this flash drive; and then inserting it into the logger to apply the change
2. Open your web browser to: https://eclimatenotebook.com/pem2_nl.php
3. Click on "Settings" Below where it says "PEM2 Hardware Support" (you will not need a username/password to access this area)



4. Enter the serial number for the logger in the first text field (in the format P2_XXXXX).

PEM2® Hardware Support

Technical support for the Preservation Environment Monitor (PEM2®). This compact, highly accurate data logger is the easiest outstanding feature of the PEM2 is its method of data retrieval: USB flash drive (commonly called a thumb drive or USB key) in

A screenshot of the web interface for PEM2 Hardware Support, showing the "Settings" page. At the top, there is a navigation bar with tabs for Quick Start, Specifications, Settings, Calibration, and Battery. The "Settings" tab is highlighted in yellow. Below the navigation bar, the main heading is "PEM2® Hardware Support". Underneath the heading is a paragraph of text: "Technical support for the Preservation Environment Monitor (PEM2®). This compact, highly accurate data logger is the easiest outstanding feature of the PEM2 is its method of data retrieval: USB flash drive (commonly called a thumb drive or USB key) in". Below the text is a horizontal menu with five buttons: Quick Start, Specifications, Settings, Calibration, and Battery. The "Settings" button is highlighted in yellow and has a mouse cursor pointing at it. Below the menu, there are three text input fields: "PEM2 Serial (P2_XXXXX): P2_01234", "New Location Name:", and "Choose what values appear on the PEM2's display:". Below the input fields, there are five radio button options: "Don't Change", "Temperature and Humidity", "Temperature Only", "Humidity Only", and "Off".

5. Find the checkbox that says “Reset Timestamp” and click in the box to select it. Checking the "Reset Timestamp" box will reset the timestamp on your PEM2 to 30 seconds into the future. Back-up the data on your logger to your computer before resetting the timestamp

Checking the "Reset Timestamp" box will reset the timestamp on your PEM2 to 30 seconds into the future. We do not recommend resetting the timestamp unless you have been explicitly told to do so. Back-up the data on your logger to your computer before resetting the timestamp.

Reset Timestamp

6. Click on the “Generate” button at the bottom of the page.

Checking the "Reset Timestamp" box will reset
have been explicitly told to do so. Back-up the

Reset Timestamp

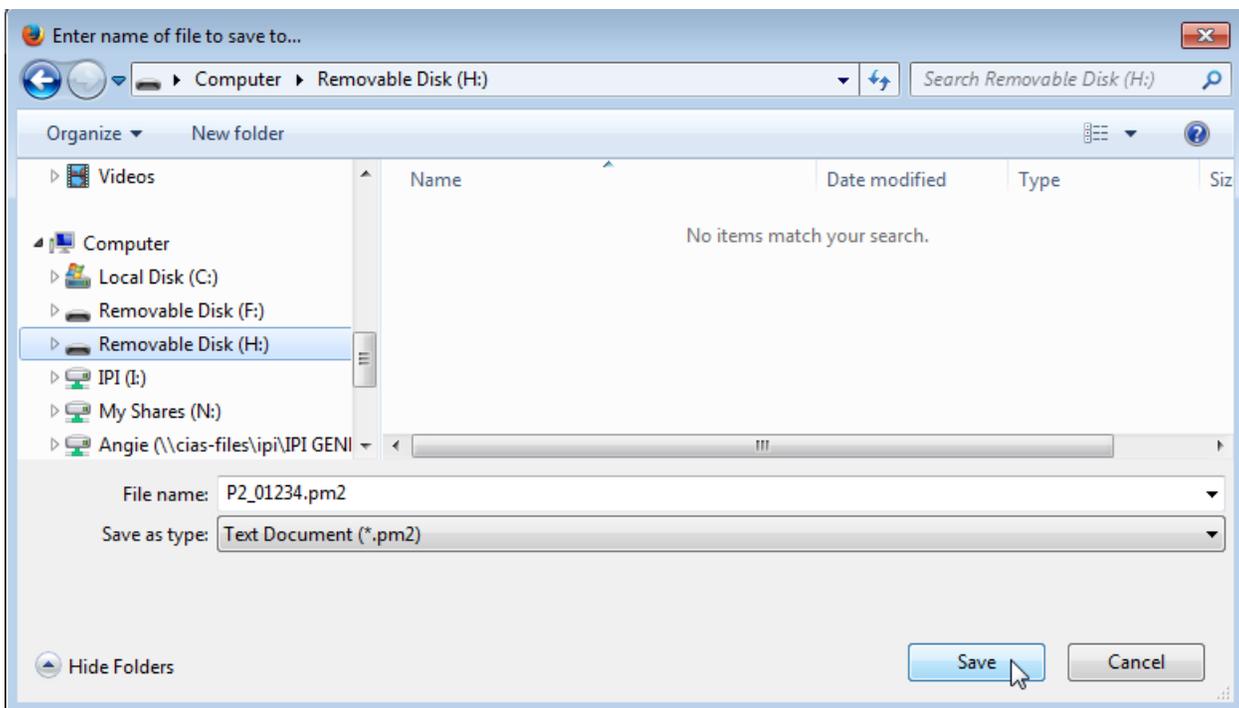
Checking the "Set To Ship Mode" box will resto

Set To Ship Mode

Use this command to download all the data sto
PEM2 firmware. PEM2s purchased or recalibrat

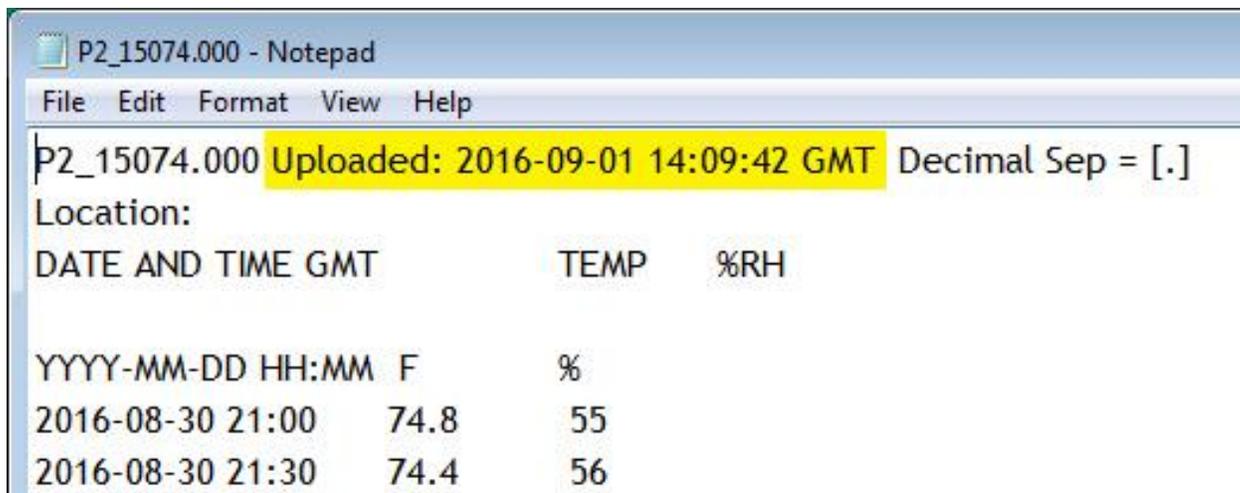
Download All Data

This will prompt you to save the file to the flash drive (it will be named P2_XXXXX.pm2)



7. Once the file is saved to the flash drive, eject it from your computer and then insert it into the PEM2 logger. Once the hourglass goes away, you can remove the flash drive
8. To confirm that the timestamp has been reset, delete the command file from the flash drive and then reinsert it into the PEM2 logger. Once the download is complete, move the flash drive to your computer, and open the newly written data file in a plain text editor such as Notepad.exe.

9. Look at the header information in the file; the time and date of the upload will appear in (Greenwich Mean Time) GMT format.



The screenshot shows a Notepad window titled "P2_15074.000 - Notepad". The menu bar includes "File", "Edit", "Format", "View", and "Help". The text content is as follows:

```
P2_15074.000 Uploaded: 2016-09-01 14:09:42 GMT Decimal Sep = [.]
Location:
DATE AND TIME GMT          TEMP    %RH
YYYY-MM-DD HH:MM  F      %
2016-08-30 21:00   74.8   55
2016-08-30 21:30   74.4   56
```

GMT to Local Time converter:

<https://greenwichmeantime.com/time-gadgets/time-zone-converter/>