How to download data from the Environdata data logger

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1. Introduction

In the past we have used a floppy disk as a "walknet" to transfer data from the Environdata to `ra`, the now defunct SUSI file server.

With the demise of `ra`, and the noticeable lack of floppy disk drives on modern computers, an alternative procedure had to be found.

2. Downloading data using "theo-laptop"

The Environdata data logger is connected to the control room via a serial cable. The cable terminates in the West bay of the North control rack (near the main air conditioner). To read and download data follow these steps:

1. Plug the laptop "`theo-laptop`" into a handy power outlet, connect the Environdata cable to the serial port at the back of the computer (it's the 9-way socket) and connect the laptop to the LAN (there should be a network cable available near the serial cable).

2. Start the laptop *in Microsoft Windows.*

3. On the desktop, locate the folder called **environ** and open it. Click on the icon labelled **Easi-dataConnect** to start the program running in a DOS window (remember those?).

4. Accept the default settings by hitting the ENTER key, and either navigate to the data display window or to the data download page.

5. If downloading data, use a file name of the form *MMDD* where *MM* and *DD* are the month and day expressed as two-digit numbers (e.g., 29 February would be 0229). Select the Save To This Directory option.

6. The data will be downloaded into the **environ** directory.

7. While the data is downloading, open **My Computer**. If the main SUSI data directory is not already mounted, use Tools. . . Map Network Drive to connect to it. When prompted, enter the following address for the data folder:
   `\\arthur\export\susi\data`
   The folder should open. When it does, go to the **environ** subdirectory and select the current year folder.

8. When the data have been completely downloaded there will be three files: `MMDD.DM1`,`MMDD.DM2` and `MMDD.DM3`. Select these and move them (use CTRL-X and CTRL-V) to the SUSI data directory.

9. In the Easidata window either navigate back to the current data display or exit, depending on your mood.