

# Quick User Manual for Hobo Data Loggers (Temp., RH, Light)

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## Step 1. Before Launching the Hobos

- Schedule your use of your experiment in advance. You need to sign up on the '**Hobo Reservation Sheet**'. You can pick up the instrument in class on the scheduled date. The instrument will be assigned to you for one week. You should have indoor conditions for as many of the days as possible (temperature and humidity) in your apartment. So it is advised that you take the instruments home and place them in one spot for the entire week. The best place to put them is at or near to the thermostat. *Return the instrument in the next week of class on Tuesday.*

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## Step 2. Launching the Hobo Logger

- You'll need the interface cable to connect to the Hobo logger.
- Before launching your Hobo logger, make sure it is properly connected with the Hobo software.
- The grader will help you activate the Hobo computer program to download your data.
- Next **Launch...** your Hobo. It will take several seconds to finish launching a Hobo. The grader for the class will help you with this.
- As soon as you click the **Start** button, the Hobo will begin recording data. Disconnect the interface cable from the computer, and then take it to the place where you want to measure as soon as possible and leave it in one place for the duration of the measurement period.

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## Step 3. Reading Out, Viewing, and Printing

### *Downloading Hobo Data*

- To download the recorded data, connect the Hobo to the computer with the interface cable, and run the Hobo software.
- The grader for the class will help you download your data. It is recommended that you save the data immediately following this step since if there was a power failure, or some other loss of power the data could be lost. Save the data to your computer (or make more than one copy to be safe). You can also plot and view the data using the "**Hobo**" spreadsheet provided in class.

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## Step 4. Exporting the Data

- The grader will help you export the Hobo data file into a spreadsheet program in **MS-Excel** format.