QUICK SHEET

Hobo Occupancy/Light Logger

LOCATION of EQUIPMENT:

        Hardware: Cabinet 4

        Software: HOBOware

INSTRUCTIONS FOR USE:

1. Plug the device into a computer and run the HOBOware program.
2. Click the "Launch Device" button in the top left of the application window.
3. If you have multiple HOBO devices plugged in then you will need to select the one you wish to launch.
4. In the "configure sensors to log" section you can select what you would like to monitor. In this case, you can log both light and occupancy. Light is monitored as a percentage while occupancy is indicated by unoccupied/occupied.
5. In the "Deployment" section you can set your interval (every 1 second, 10 seconds, 30 seconds,etc..)
6. After you have collected your data, plug the device in to your computer and open HOBOware.
7. Press the "Stop Logging" button in the top left and follow the instructions to save your data as a .CSV file.

    HELPFUL TIPS:

    -When collecting your data, know the size of the space you are monitoring. The device has a range of 5 meters so it may be beneficial to deploy more than one device in spaces that have a dimension greater than 15'.

    - The device has magnets on the back so look for metal surfaces near your light source.

    - After you open your .CSV file in another program, save it as an .XLS

OVERVIEW:

The HOBO Occupancy & Light data logger monitors room occupancy and indoor light changes to identify occupancy patterns and determine energy usage and potential savings.

SUGGESTED APPLICATIONS:

- Compare the occupancy of a room with the temperature to determine internal heat gains.
- Look at how often lights are turned on in a space.
- Daylighting strategies

RELEVANT TOPICS:

Post-Occupancy Studies, Daylighting Studies, Electrical lighting,