# QUICK  SHEET

## ONSET HOBO State Logger (ux90-001)

LOCATION of EQUIPMENT:

      Hardware: See lab attendent

      Software: *HOBOware* - free download and available on lab computers; MAC and PC compatible

INSTRUCTIONS FOR USE:

1. Plug Device into computer via USB cord
2. Open HOBOware (located on dock on lab computers)
3. Select one of the following actions found in "Device" drop down menu:

    a. Launch:        Select UX90-001 device - hit ok

                        Put in Name of your choosing

                        Select Internal Sensor: State

                                Measurement: State

                                Label: Label of your choosing

                                State Description: Open/Close

                        Determine when you wish to deploy logger. Typical is "Now"

                        Determine when you wish to stop logging. Typical is "when memory fills"

                        Select "start"

                        Remove Device and start logging!

    b. Readout:     Select UX90-001 device - hit ok

                        Decide if you wish to stop logging before read out. Typical is "Stop"

                        Save File with appropriate name in appropriate location

                        Determine Plot Set up. Typical is default; for default select "Plot"

                        To export data: go "File" - "Export Table Data" - Export desired measurements - save .csv file with appropriate name in appropriate location

    c. Status:        Select UX90-001 device - hit ok

                        Monitor relevant Identification, Details, and Current Readings (pay attention to battery level and memory used)

    d. Stop:          Select UX90-001 device - hit ok

                        Determine if you wish to stop the logger. If yes - select "ok"

OVERVIEW:

The HOBO state logger records state changes, electronic pulses and mechanical or electrical contact closures from external sensing devices. This data logger is ideal for monitoring energy consumption, mechanical equipment operation, and water and gas flow.

SUGGESTED APPLICATIONS:

- Recording when

RELEVANT TOPICS:

Temperature, Energy Consumption, Post Occupancy Studies