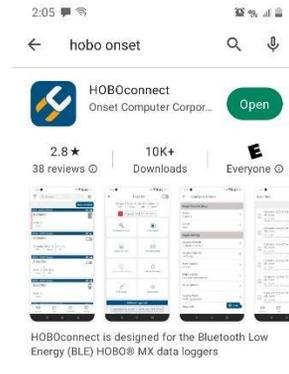


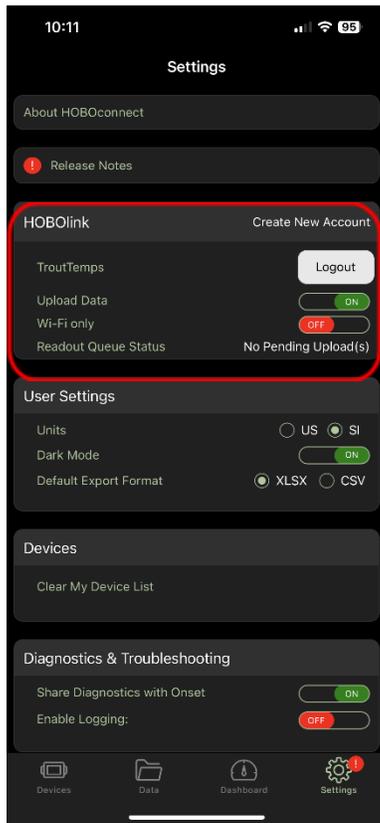
# Adopt a Logger

## Navigating the App

1. Download and open HOBObconnect by Onset
  - a. To do this you can go to your app store or play store and search for “Hobo Connect”
  - b. Look for this icon and app:



2. Check to ensure the default settings are as follows:
  - a. HOBOblink
    - i. Inactive (does not need to be connected to an account, you do NOT need to create a new account)
  - b. User Settings
    - i. Units – select SI
    - ii. Dark mode (does not matter, I do not use and therefore the switch is toggled to the left)
    - iii. Default Export Format – select XLXS
  - c. Devices
    - i. Clear My Device List (do nothing)
    - ii. Migrate HOBO Files (do nothing)
  - d. Diagnostics and Troubleshooting
    - i. Share Diagnostics with Onset (does not matter, I share therefore the switch is toggled to the right)
    - ii. Enable Logging: Off – toggle to the left
3. Sign on to our TroutTemps account.
  - a. Login
    - i. Username: TroutTemps
    - ii. Password: ScientificMethod-2023
  - b. Note: once signed in on your device, you will stay signed in to the TroutTemps account unless you opt to sign out.
4. Settings:
  - a. Toggle: Upload data to on (green)
  - b. Toggle: Wi-fi only to off (red)



5. Dashboard should be blank (no widgets needed)

6. Data

- a. No action needed. This will hold all the data you have downloaded from your logger. Each file is named as follows: The first numbers correspond to the logger unit number as listed in the barcode on the device. Followed by the date. Followed by the time. Followed by “(Data MST).hobo”

7. Devices

- a. This is where you will use the app to scan for the HOBOLink Logger once you have pulled it up out of the water. The Logger uses Bluetooth to communicate to the app. When the app finds a logger it will come up as a clickable name.

## Field Instruction Manual

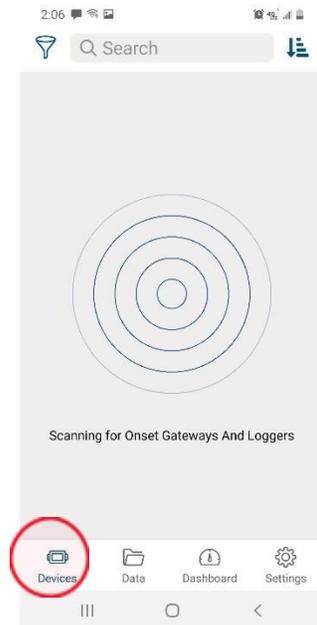
1. Enable Bluetooth on your phone



2. Locate the logger in the river and hold it up out of the water
  - a. NOTE: UBR is the only logger that has a button to enable their Bluetooth, in this case, to activate the logger push down firmly on the top of the blue face where the circle and dot are located and hold for 3-5 seconds. The rest of the loggers have bluetooth enabled all the time.



3. Open the HOBObconnect by Onset application on your phone.
  - a. Click on the "Devices" tab
    - i. The app will state, "Scanning for Onset Gateways and Loggers"

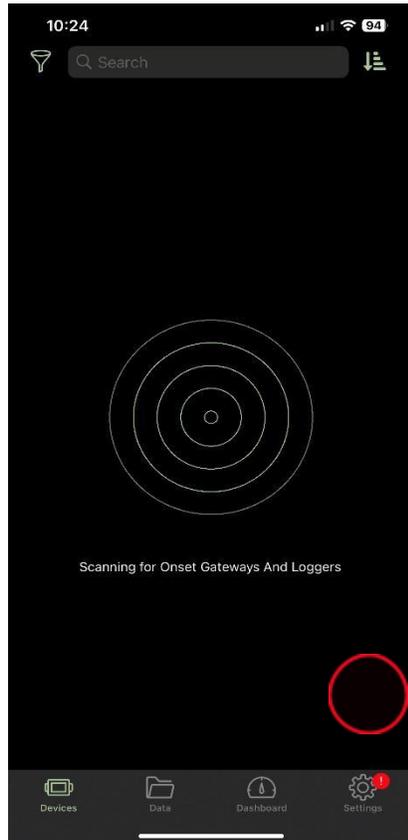


- ii. The app will scan until the logger shows up on the screen
  - iii. Select the logger when it appears on the screen
  - iv. Click "Download Data"
    1. Do not select any other options
    2. If your logger is located out of cell phone/Wi-Fi service, the App will indicate the data cannot be uploaded; **See Section 5**
4. Put the logger back in the water.

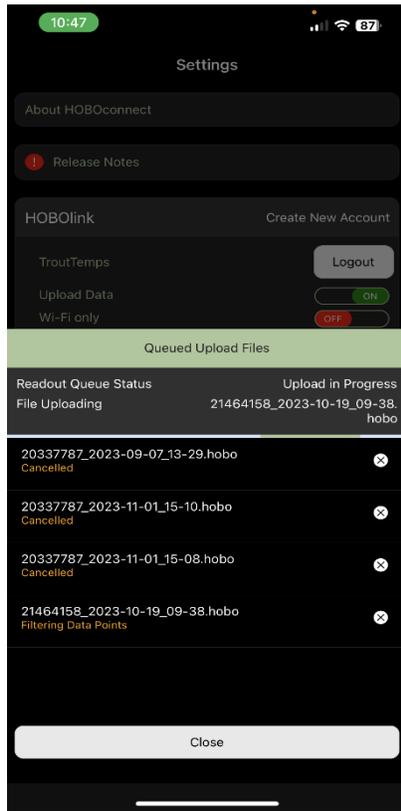
- a. Hide and secure the line under rocks and ensure the logger is in deeper water as it must be submerged during flow changes.

5. Export the Data

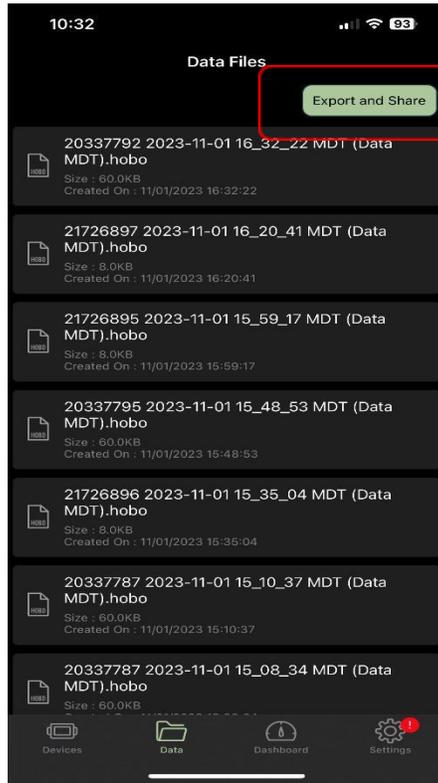
- a. **Click on the “Data” tab** within the HOBObconnect app
  - i. If your logger is in an area with Wi-Fi connection/Cellular Service, the data will download automatically from your phone to the online database
  - ii. If your logger is in an area without Wi-Fi connection/Cellular Service, you’ll need to re-open HoboConnect when you’re get back to service, then navigate to “Settings”



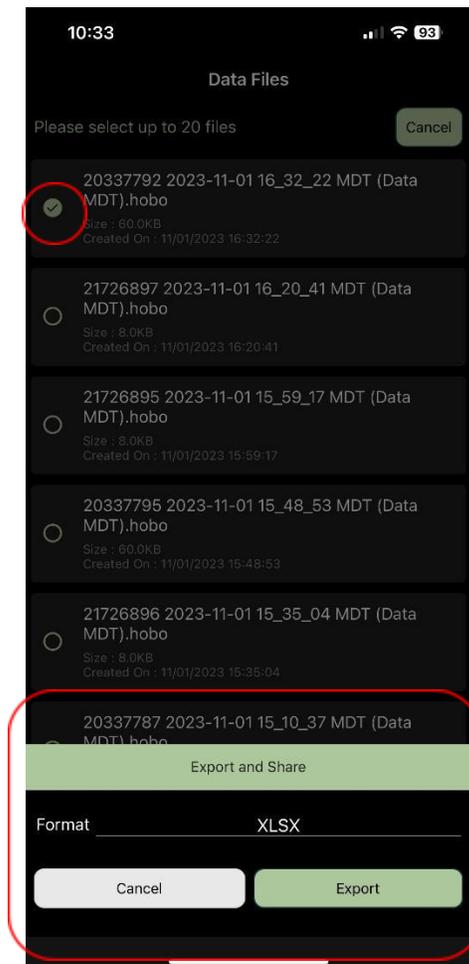
- iii. The App will automatically queue downloads (see figure below) those downloads auto-populate BRWG’s/TU’s online data portal



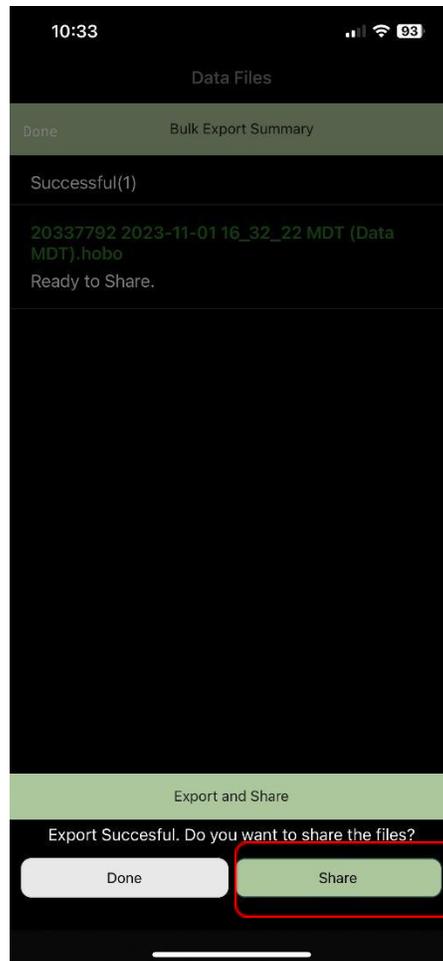
- iv. If you are curious, you can view the data by clicking on the file. A graph of the water temperatures since the last download will appear. Then select the back/left arrow to go back to the list of data files you have downloaded to your phone
- v. **Export the data (to have a backup of all datasets that now download automatically, please also export manually:**
  - 1. **Select the “Export and Share” green button.** This downloads the data set onto your phone.



2. The app will then prompt you to select the data file to export as well as the format of that data. Please select XLSX. Exported XLSX file to the default location.



3. Select the green "Share" button.



4. Use your email application to send the data set to [info@BlueRiverWatershed.org](mailto:info@BlueRiverWatershed.org)
- Email subject: Temperature Logger \_\_[site name]\_\_ date of data retrieval
  - Make sure the data is attached to the email.