



Eclipse Soundscapes Data Collector Checklist

For participants who are building their own data collection kit

Before April 5, 2024

- [Sign up](#) to be a Data Collector
- Complete your [Apprentice Training](#)
- [Choose a location](#) to deploy your AudioMoth
- Assemble or review your Data Collector Kit. You will need:
 - 1 [AudioMoth Device](#)
 - 1 waterproof plastic bag
 - 2-3 zip ties
 - 3 AA batteries
 - 1(one) 64GB Extreme UHS Speed Class 3 (U3) microSDXC card
 - 1 padded return envelope
- Review [how to find latitude and longitude](#) in Decimal Degrees (DD) format at your location
- Prepare your AudioMoth. If you are building your own data collection kit:
 - [Flash your AudioMoth](#) with Firmware
 - Install your SD card
 - Install your batteries
 - [Set the AudioMoth Clock](#)
 - [Register for a unique ES ID#](#)

On April 6, 2024: Bring your Data Collector Kit to your recording location (before 12pm local time)

- Set switch to “Default” to start recording and note your recording start time
- Place AudioMoth in plastic bag and secure to an immovable object (like a tree or pole) using zip ties. The flat green circuit board should face out and the batteries should face in.
- Location notes:
 - Note your latitude and longitude
 - Note any other factors about your environment
- Leave your AudioMoth until April 10

On April 8, 2024: Eclipse Day

- Be an [Eclipse Soundscapes Observer](#) (optional but welcomed)
- Use all of your senses to enjoy the eclipse!

On April 10, 2024: Collect your AudioMoth (after 5pm local time)

- Set switch to “USB/Off” to stop recording and note your stop time

As soon as possible April 10-22, 2024

- Submit your [location notes](#) online
- Remove your SD card from the AudioMoth
- Return your SD card and notes with your location info to ARISA Lab in the padded envelope

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