

Catch the Hatch Observation Day Overview

A. Prepare

Plan a time when you can visit a designated project site for at least 30 minutes. During this time, plan to fish, recreate, and enjoy your watershed, while also keeping an eye out for mayfly emergence and recording observations.

From Project-Provided Kit:

1. Sampling protocol
2. Hard copy data sheet
3. ID Guide
4. Net
5. Vial pre-filled with ethanol & labels
6. Thermometer

From Data Catcher:

7. Watch/ phone
8. Camera/ phone
9. Pencil
10. Optional: My Watershed App

B. Choose a Timeframe (or both!)

Visit a designated project site for at least 30 minutes between 11am and sundown to record observations of both Pale Morning Dun (PMD) adults and sub adults. If possible, give priority to observations during the Tier 1 timeframe. Please remember that observations of “No PMDs Present” are just as important!

- **Tier 1: 11am to 2pm.** During this time, you will be looking for sub adults that have a characteristic “pale” appearance.
- **Tier 2: 2pm to sundown.** During this time, you will be looking for sub adult or adult forms. Adults have a darker appearance with clear wings.

An ID guide will be provided to all Data Catchers with images of PMD sub adults, adults, and look-alikes!

C. Collect Data

On-site data collection by Data Catchers will include site information, one water temperature measurement, time-stamped observations of sub adult and adults PMDs, and one captured PMD sample that will be stored in a project-provided vial. Data will be recorded on the hard copy project data sheet and uploaded online at citsci.org.

Contact Us:

- For questions, comments, or assistance, please contact Deb Hummel, at dhummel@watershed.center or 720-818-4573