



BAT ACTIVITY TRENDS

Community Science Program

DATA COLLECTION SHEET

This program will help scientists with future studies and contribute to the conservation of bats in our area! Starting at sunset, spend 30 minutes observing the sky and watching for bats!

1. Use our guide to pick a good night and place for bat watching.
2. Look up what time sunset is on the night you plan to watch for bats.
3. Pick a good spot near your home to watch the sky for bats.
4. Review our Safety Checklist so you are prepared to have a good night of bat watching!
5. Watch for 30 minutes starting 5-10 minutes after sunset. Count all the bats you see!

Further instructions can be found on the back of this form.
Please email monitoring@zoo.org with questions.

Please use the QR code or go to **bat.fieldscope.org** to create a login, then submit your data. May we contact you about your experience? If so, please enter a phone number or email address so we can follow up with you.



bat.fieldscope.org

| | |
|--|---|
| Neighborhood/Station Name (see back of page) | |
| Address of Observation City, State, ZIP | |
| Date of Observation | |
| Official Sunset | |
| Start of Observation | |
| Time of First Bat Seen | |
| Size of Observer Group | |
| Type of Location (circle) | <i>Stationary</i> <i>Walking Route</i> |
| Distance of Walking Route and Description | |
| Type of Observation (circle) | <i>Overhead</i> <i>Over water</i> <i>Emergence from roost</i> |

Did you see bats? (Be sure to watch the full 30 minutes, sometimes they come out early, sometimes later!) YES NO

Activity level based on number of bat passes:
(0 = no bats, Low = 1-5, Medium = 6-20, High = 20-50, Very High = 50+)

Did you see any other types of wildlife during your count?
If yes, what species?

Any notes about the night? Did you learn something new about bats?
Did your perceptions of bats change in any way?

Are you more likely now to take action to help conserve bats?

What is my station name?

Please follow this naming format: Neighborhood/Station Name. Example: Columbia City/Genesee Park. (For private residences use a street name for the Station Name. For parks and other sites use the park name, community center name, church name, etc. as the Station Name.) If you are doing a walking survey, your site name will be your start and end point (please start and end in the same spot by making a loop or doubling back).

What is my group size?

This is the number of participants that contributed to this observation. If more than one person is helping with the same observation, please conduct your survey together as a group. To avoid duplicated results, only one person from each group should submit the data.

I don't understand the types of observations?

If you are looking up and seeing bats flying around in the sky this is an **overhead observation**; these are most common and can be done almost anywhere.

An **over-the-water observation** is if you are on or next to a lake, river, pond, or stream and are watching bats over the water catching bugs or drinking.

An **emergence observation** is if you are watching bats fly out of a roost, like a house, bat box, barn, opening in a tree or cave.

How do I count bat passes?

Since we are collecting data on bat activity and not bat populations our observations **count bat passes** instead of individual bats (which are hard to distinguish). Once your 30 minutes start, please count **each time a bat passes** through your visible area. If you think a bat might have passed more than once, that's okay. Count each time it comes into your line of sight. **Count all bat passes for the full 30 minutes.** When you submit your data, your total number of passes will be categorized into low, medium or high activity. If you are observing in a group, to avoid duplicated results, only one person should enter the data and report on the activity level the group observed.

What if I don't see any bats?

Be sure to watch for the full 30 minutes, some species emerge early in the night, some emerge later. Depending on the species near you they will appear at different times. If you do not see any bats, please still submit your data! Low or no bat activity is a very important part of building our bat activity map. If we know where bats are not active, we could study those areas further to find out why. Our final map will show the range across King County of areas of no or low bat activity to places with high bat activity. Reporting your observations of "no bats" is essential data for this program!

How do I submit my data?

Our preferred method to submit the data from your BAT observation is to use our online portal at **www.bat.fieldscope.org**. **You will first have to create a login.** This is quick and easy, just click "Log in" at the **top right corner**. This just requires an email address. Once you are logged in, click on the +data green button at the top right of the home page. Please submit just one observation per survey. The fields in the portal match the fields on your data sheet exactly and will be in the same order. Click on the circled question mark next to each question for more detailed descriptions. If you have an acoustic detector please fill in those extra fields and upload three audio files.

Please complete our **reflection section** if you are submitting your first observation of the year. Feel free to do as many observations this summer as you like, from as many locations as you want to! Contact monitoring@zoo.org with any questions about our program.

This is cool! Where can I learn more about bats?

For more information about bats, and more resources to help you participate in this community science program at home please visit our program page on Woodland Park Zoo's website. Use our QR code or visit **www.zoo.org/batactivity**.



zoo.org/batactivity

*Thank you for participating in the Bat Activity Tracking program. Please use the QR code or go to **bat.fieldscope.org** to submit your data.*