

Firefly Watch Observation Form

Bring this out in the field to gather your data. Before you begin, remember to stand still in your habitat and count flashing fireflies for three 10 second periods. We also want to know how many different flashing patterns you see over the course of the 30 seconds. Be sure to familiarize yourself with the [different patterns](#) before you start observing. Please note: all observations need to be submitted online at massaudubon.org/fireflywatch.

Observation Date

Indicate the date of this observation.

Habitat Type

Select the habitat type at the observation site.

- Open Field
- Mowed Lawn
- Wetlands
- Forest
- Pavement
- Other

Habitat Mowing

Has this area been mowed this firefly season?

- Yes
- No
- Not sure

Temperature (F)

Indicate the temperature at the time of observation.

Precipitation

Select the precipitation description closest to that at the time of observation.

- Foggy
- Light Rain
- Heavy Rain
- None

Wind

Select the wind description at the time of observation.

- None
- Slight breeze
- Strong gusts

Cloud Cover

Select the cloud cover description at the time of observation.

- Clear Night
- Partly Cloudy
- Overcast

Artificial light source

Select the artificial light description that best describes your observation site.

- None
- Visible within habitat
- Visible near habitat
- Visible but far from habitat

Observation Start Time

Indicate the approximate start time of your observation.

You will record submit three 10-second observations. Please stand in one place for all three observations.

Number of flashing fireflies - Entry 1

In the first 10-second period, how many fireflies did you see?

- None
- 1-5
- 6-10
- 11-25
- More than 25

Number of flashing fireflies - Entry 2

In the second 10-second period, how many fireflies did you see?

- None
- 1-5
- 6-10
- 11-25
- More than 25

Number of flashing fireflies - Entry 3

In the third 10-second period, how fireflies did you see?

- None
- 1-5
- 6-10
- 11-25
- More than 25

Number of flashing patterns

Different firefly species make different flash patterns. Approximately how many different flashing patterns did you see?

- None
- 1
- 2
- More than 2
- Not sure

What was the most common flash pattern observed: single, double, triple, other, or not known?

Observation End Time

Indicate the approximate end time of your observation.

Additional Field Notes

Include any comments about what you saw or didn't see. Note: Please do not ask questions in this field. Rather, send your questions to fireflywatch@massaudubon.org.