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 many 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.