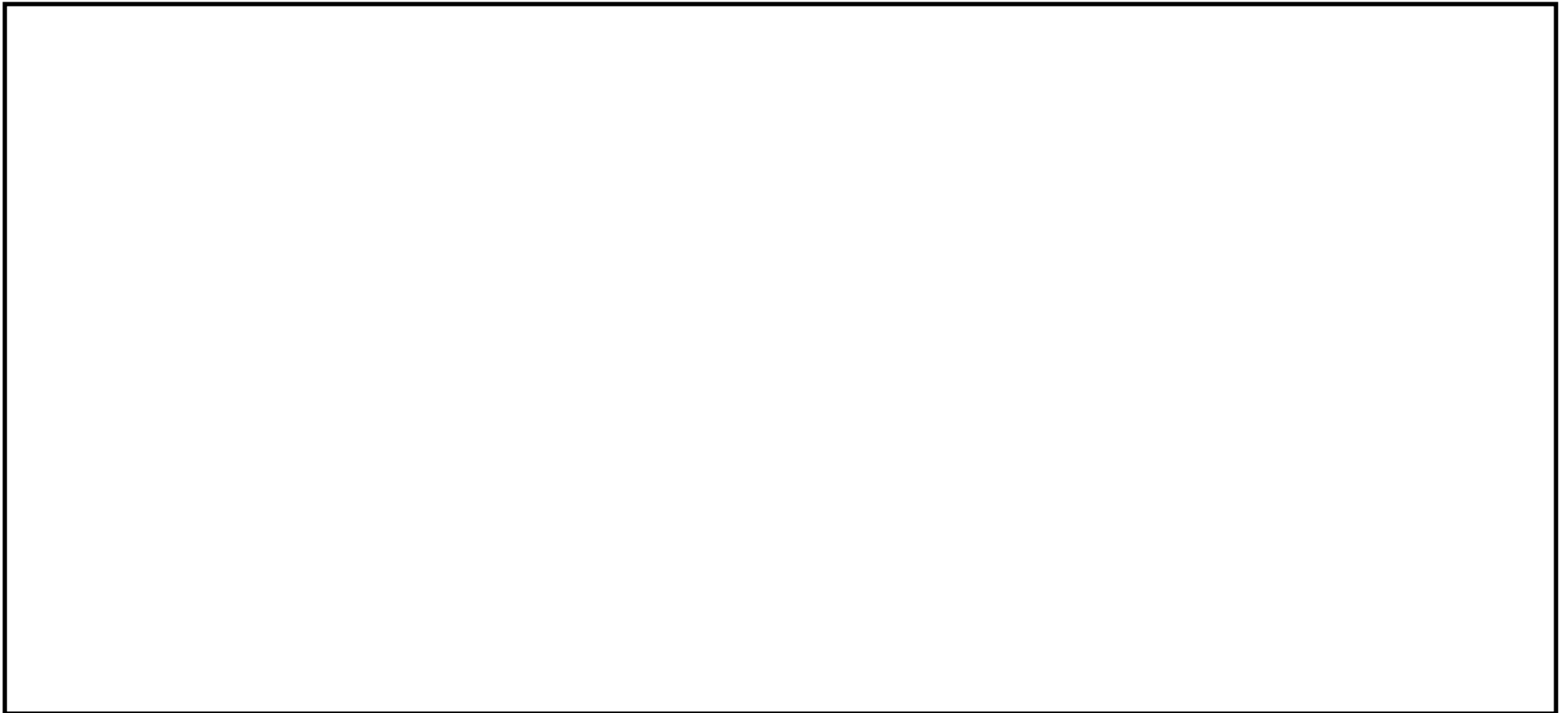


My Bat Study



Surveyor Name _____

When surveying a location for bats, it is important to be very descriptive of the area you are observing. In the space below include a written and illustrated description of the area where you intend to observe bats. Be sure to include any plants, water sources, roads, buildings, houses, lights, or other factors you think might have an effect on the presence of bats.



Finding GPS Coordinates

To provide the best description of an animal survey, biologist use GPS coordinates. GPS coordinates are a unique identifier of a precise geographic location on the earth. They are described using combination of latitude and longitude, which grid lines running north and south and east and west around the globe.

To find GPS coordinates for the location of your bat survey, go to www.whatsmygps.com

Type your address here and click "Find This Location"

Your GPS coordinates will appear here

Options to place a marker and get coordinates:

1. Right Click anywhere on the map (use the map zoom controls and drag as required).
2. If you know the coordinates, enter them below and click "Mark This Location".
3. If you know the address, enter it below and click "Find This Location".

GPS Coordinates

Decimal Degrees
Latitude:
Longitude:

DMS (Degrees, Minutes, Seconds)
Latitude: N S ° ' "
Longitude: E W ° ' "

Mark This Location

Find This Location

Once you have a marker on the map you simply drag it to the exact location and the coordinates will automatically update! Zoom in as required to get precise placement.

Link to WhatsMyGPS.com
Click for options!

Surveyor Name: _____

SITE NAME: _____

GPS Coordinates: _____

Date	Sky Code	Wind Code	Start Temp	Start Time	End Time	Total Bats Counted	Visual or Video
4/1							
4/2							
4/3							
4/4							
4/5							
4/6							
4/7							

Sky Codes		Wind Codes	
1	Clear – clear to a few clouds	1	Calm – leaves still
2	Partly cloudy – clouds but some open sky	2	Slight breeze – leaves slightly rustling
3	Cloudy – mostly cloudy or overcast	3	Gentle breeze – leaves and twigs in motion
4	Drizzle – light intermittent rain	4	Moderate breeze – small branches begin to move
5	Not Recorded	5	Not Recorded

Date	Sky Code	Wind Code	Start Temp	Start Time	End Time	Total Bats Counted	Visual or Video
4/8							
4/9							
4/10							
4/11							
4/12							
4/13							
4/14							
4/15							
4/16							
4/17							
4/18							

Sky Codes		Wind Codes	
1	Clear – clear to a few clouds	1	Calm – leaves still
2	Partly cloudy – clouds but some open sky	2	Slight breeze – leaves slightly rustling
3	Cloudy – mostly cloudy or overcast	3	Gentle breeze – leaves and twigs in motion
4	Drizzle – light intermittent rain	4	Moderate breeze – small branches begin to move
5	Not Recorded	5	Not Recorded

Date	Sky Code	Wind Code	Start Temp	Start Time	End Time	Total Bats Counted	Visual or Video
4/19							
4/20							
4/21							
4/22							
4/23							
4/24							
4/25							
4/26							
4/28							
4/29							
4/30							

Sky Codes		Wind Codes	
1	Clear – clear to a few clouds	1	Calm – leaves still
2	Partly cloudy – clouds but some open sky	2	Slight breeze – leaves slightly rustling
3	Cloudy – mostly cloudy or overcast	3	Gentle breeze – leaves and twigs in motion
4	Drizzle – light intermittent rain	4	Moderate breeze – small branches begin to move
5	Not Recorded	5	Not Recorded

If you observed bats near your home answer the following questions.

1. What is the greatest number of bats you saw at one time? _____

2. Could you tell where the bats were coming from? YES NO

If yes, describe the location.

2. On the days when you saw bats, describe the weather.

1. Were there days you did not see bats? YES NO

2. On the days you did not see bats, describe the weather.

1. Did you see bats flying near trees? YES NO

2. Did you see bats flying near water? YES NO

3. Did you see bats flying in open spaces? YES NO

4. Did you notice any insects outside when you saw bats? YES NO

5. Did you see bats near street lights? YES NO

6. Did you see bats near busy roads? YES NO

7. Did you see bats near bridges or overpasses? YES NO

Answer the following questions if you did not see bats.

1. Do you live near trees? YES NO

2. Do you live near water? YES NO

3. Do you live near open spaces? YES NO

4. Are there insects around your house? YES NO

5. Do you live near street lights? YES NO

6. Do you live near a busy road? YES NO

7. Do you live near bridges or overpasses? YES NO

Based on the observations you made during your field study, draw an environment where you are likely to find bats.

Compare your results to other members of your science group, list 3 things that would attract more bats to your home.

1. _____

2. _____

3. _____