



# ***Marine Nature Study Area***

***500 Slice Drive  
Oceanside, NY 11572***

***(516) 766-1580***

***mnsa.info***

## **Field Trip Observation Log**

Name:

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Date

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1. On the map of Long Island below, place a star at the Marine Nature Study Area MNSA.



2. Name the county is MNSA found:

3. Name the state is MNSA found:

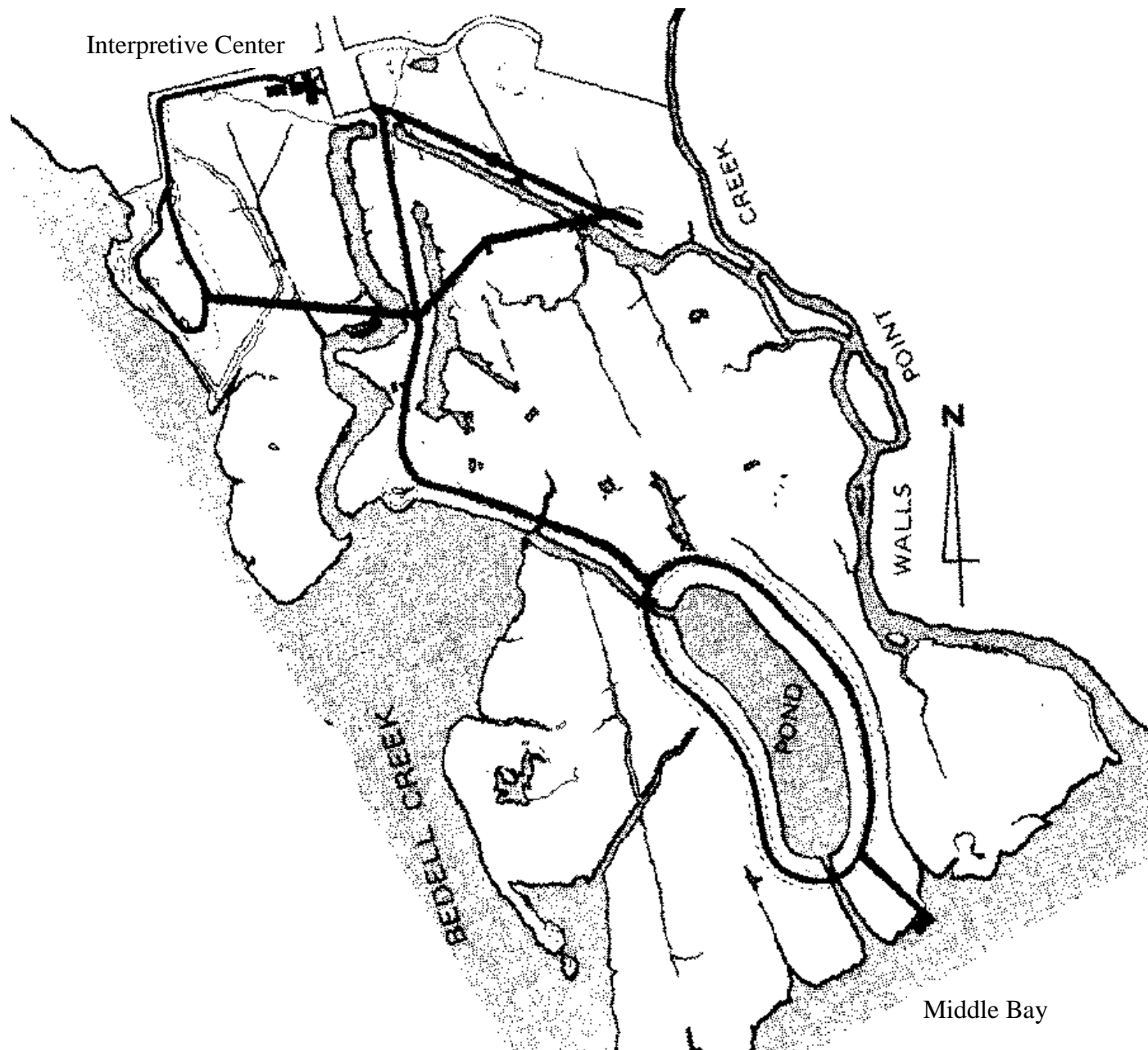
4. Circle the type of water studied at MNSA: Saltwater Freshwater

5. What surrounds the MNSA:

- Roads  Houses  Forest  Storm Drains  Schools  Landfills  
 Industry  Farms  Golf Courses  Parks  Marinas  Boat Channels

6. Name any of the above that may lead to erosion or pollution and how:

7. Name 5 reasons why the Saltmarsh habitat is so important?



5. Name the bodies of water that are located near and around the MNSA:

South	West	East

6. Circle the location of the Osprey Platform.

## Record Weather Data

### 1-Cloud Cover (Check one- if sky not obscured)

No Clouds    Clear    Isolated    Scattered    Broken    Overcast    Sky  
 (0%) (0% - 10%) (10% - 25%) (25% - 50%) (50% - 90%) (90% - 100%) obscured

### 2-Cloud Type (Check all types seen)

High:  Cirrostratus    Cirrus    Cirrocumulus

Middle:  Altostratus    Altocumulus

Low:  Stratus    Stratocumulus    Cumulus

Rain or Snow-Producing:  Nimbostratus    Cumulonimbus

### 3-Wind Speed miles per hour (mph)

Average		Max	
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### 4-Wind Direction (Circle the direction)

N	NW	NE	E	S	SE	SW	W
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### 5-If Sky Obscured (Check all that apply)

Fog    Smoke    Haze    Dust    Rain    Snow

### 6-Relative Humidity

Relative Humidity (%): \_\_\_\_\_

### 7-Maximum, Minimum, and Current Temperatures

7a-Current air temperature:	°F	°C
7b-Maximum daily air temperature:	°F	°C
7c-Minimum daily air temperature:	°F	°C
7d-Current soil temperature:	°F	°C
7e-Maximum daily soil temperature:	°F	°C
7f-Minimum daily soil temperature:	°F	°C
F = (9/5)C+32		C = 5/9 (F-32)

## Record Water Data

### 1-Color/ Texture

- Black  Green  Gray  Brown  Red  Orange  Blue  
 Clear  Tea-colored  Oily  Cloudy  Muddy  Foamy

### 2-Temperture

°F	°C
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### 3- Salinity

Parts Per Thousands (ppt)
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### 4- Specific Gravity

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### 5- Dissolved Oxygen

Milligrams per liter(mg/L)/ parts per million(ppm)
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### 6- pH

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Notes:

Identify the Four Basic Saltmarsh Zones in a Drawing and/or Words:

Subtidal Zone

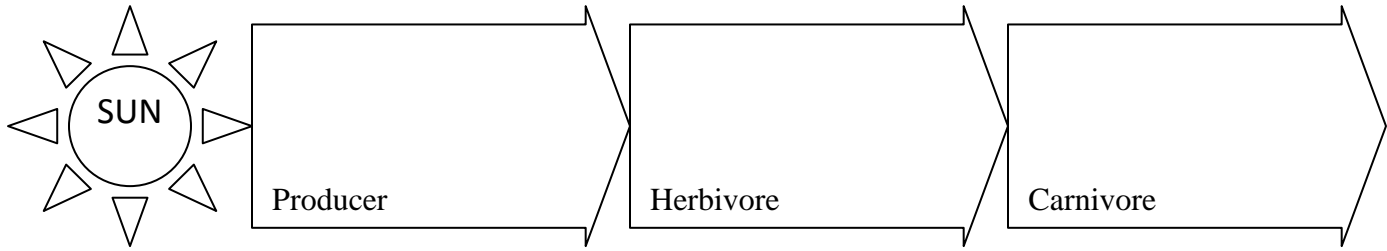
Intertidal Zone

Supratidal Zone

Fringe Zone



From your list of plants and animals see if you can create a food chain that starts with the Sun:



Draw a scene from the MNSA that includes your Food Chain:

A large empty rectangular box provided for the student to draw a scene from the Marine Nature Study Area (MNSA) that includes their food chain.