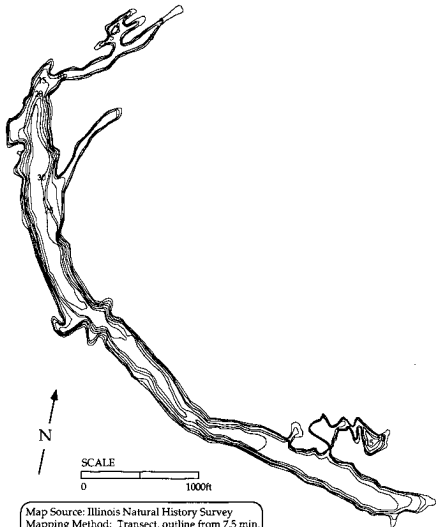
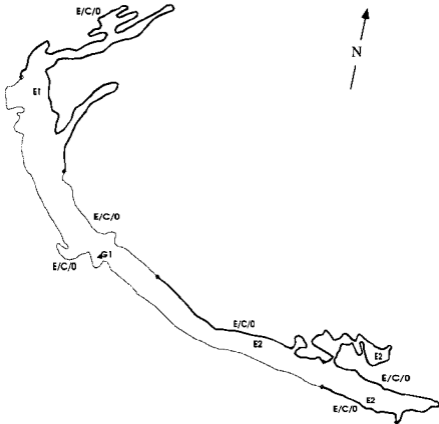


MAZONIA LAKE #7



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from 7.5 min.
USGS topographic map
Date completed: 6/7/89

MAZONIA LAKE #7



Habitat Codes (given as a three character code: Habitat/Substrate/Hard Cover)

Habitat:

W = Woody debris
 E = Emergent vegetation
 R = Rip rap
 O = Open area
 D = Docks
 T = Retaining wall or dam face
 U = Unknown

Substrate:

M = Mud or silt
 C = Clay
 S = Sand
 G = Gravel
 B = Rock or boulder
 U = Unknown

Hard Cover Rating:

0 = 0% woody debris and no docks.
 1 = 0% woody debris with docks or 1-33% woody debris.
 2 = 1-33% woody debris with many docks or 34-66% woody debris.
 3 = 34-66% woody debris with many docks or greater than 67% woody debris.

Information compiled by the Illinois Natural History Survey, completed 10/29/86

MAZONIA LAKE #7

County: GRUNDY
Latitude: 411152
Longitude: 881641

IDOC Region: 2
IDOC District: 7
IDOC Lake Number: 4216
Street Code:
IDOC Lake Class: ST
Lake Origin: AS
Natural Division: 4E-

Surface Area (ha): 13.7
Surface Area (acres): 32.9
Mean Depth (m): 4.3
Maximum Depth (m): 9.75
Shore Length (km): 5.88
Shoreline Dev. Index: 4.48

Year Constructed: 1962

USGS 7.5' Quad: GARDNER
Major River Basin: ILLINOIS
Inflowing Stream: NONE
Outflowing Stream: NONE

Typical Water Chemistry:

Secchi Disk Depth (cm): 213.36
Conductivity (umhos): 960
Total Alkalinity (mg/l): 159
pH: 8.1

Watershed Area (ha): 34
Storage Cap. (1000 m³): 589.3
Retention Time (yrs): 7.6
Volume Dev. Index: 1.32

Maximum Length (km): 0.97
Maximum Width (km): 1.27
Inshore Mean Depth (m): 4.9
Pool Elevation (m msl): 182

Climatic Information:
Growing Season (days): 174
Growing Deg. Days (50°F base): 3126

Habitat Description as a Proportion of Total Shoreline and Shoreline Sampled by Electrofishing

| Habitat Type | Percent of | Percent of Total Shoreline |
|--------------|-----------------|----------------------------|
| | Total Shoreline | Sampled by Electrofishing |
| E/C/0 | 100 | 67 |

Fish Species Present in Lake (based on IDOC sampling):

| | | |
|-----------------------|--------------------------|-----------------|
| Black Bullhead | Golden Shiner | White Crappie |
| Blackstripe Topminnow | Grass Pickerel | White Sucker |
| Bluegill | Green Sunfish | Yellow Bullhead |
| Bluntnose Minnow | Green Sunfish X Bluegill | Yellow Perch |
| Brook Silverside | Johnny Darter | |
| Bullhead Minnow | Largemouth Bass | |
| Carp | Logperch | |
| Channel Catfish | Longear Sunfish | |
| Common Shiner | Longnose Gar | |
| Freshwater Drum | Northern Pike | |
| Gizzard Shad | Shorthead Redhorse | |
| Golden Redhorse | Silver Redhorse | |