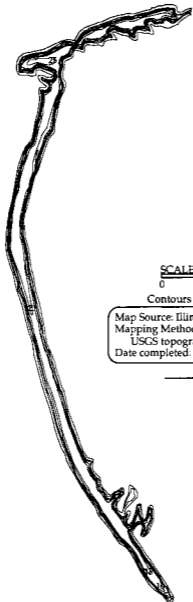


MAZONIA LAKE #9



SCALE

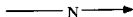
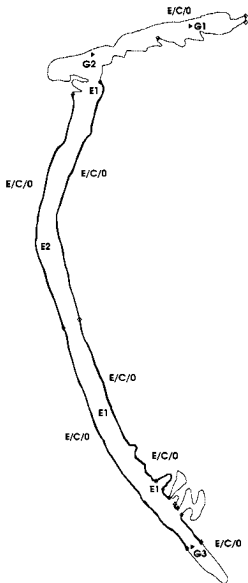
0 1000ft

Contours at 3,5,10,15,20, and 25 feet

Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from 7.5 min.
USGS topographic map
Date completed: 8/90

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MAZONIA LAKE #9



Habitat Codes

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 > 67% woody debris.

Data compiled by the Illinois
Natural History Survey

Date 11/90

MAZONIA LAKE #9

County: GRUNDY
Latitude: 411117
Longitude: 881556

IDOC Region: 2
IDOC District: 7
IDOC Lake Number: 4218
Storet Code:
IDOC Lake Class: ST
Lake Origin: AS
Natural Division: 4E

Surface Area (ha): 14.2
Surface Area (acres): 34.0
Mean Depth (m): 3.45
Maximum Depth (m): 7.925
Shore Length (km): 5.64
Shoreline Dev. Index: 4.23

Year Constructed: 1962

USGS 7.5' Quad: GARDNER
Major River Basin: ILLINOIS
Inflowing Stream: FROM MAZ L 8
Outflowing Stream: INT >MAZON R>ILL R

Watershed Area (ha): 49
Storage Cap. (1000 m³): 489.254
Retention Time (yrs): 4.4
Volume Dev. Index: 1.3

Typical Water Chemistry:

Secchi Disk Depth (cm): 244
Conductivity (umhos): 725
Total Alkalinity (mg/l): 177
pH: 7.9

Maximum Length (km): 1.68
Maximum Width (km): 0.64
Inshore Mean Depth (m): 3.5
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 Total Shoreline	
	Total Shoreline	Sampled by Electrofishing
E/C/0	100	54

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

Bignmouth Buffalo	Golden Shiner	Smallmouth Buffalo
Black Bullhead	Grass Pickerel	Spotfin Shiner
Blackstripe Topminnow	Green Sunfish	Spotted Sucker
Bluegill	Green Sunfish X Bluegill	White Crappie
Bluntnose Minnow	Largemouth Bass	White Sucker
Brook Silverside	Logperch	Yellow Bullhead
Carp	Longnose Gar	
Channel Catfish	Northern Pike	
Fathead Minnow	Orangespotted Sunfish	
Freshwater Drum	Shorthead Redhorse	
Gizzard Shad	Silver Redhorse	
Golden Redhorse	Smallmouth Bass	