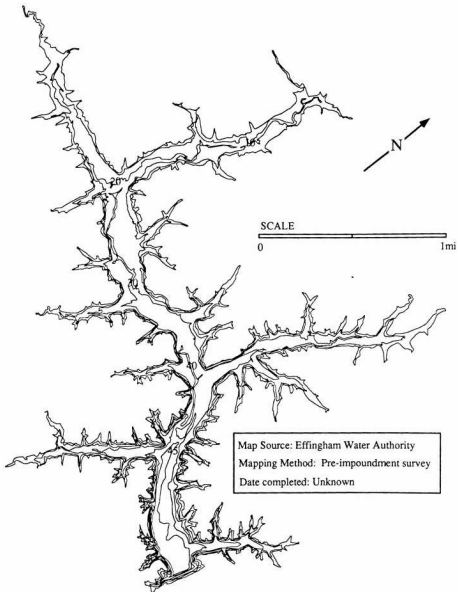
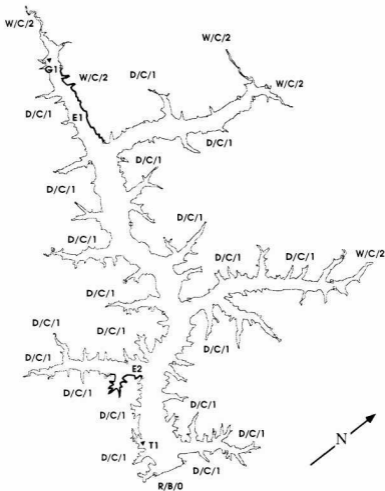


LAKE SARA



LAKE SARA



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

LAKE SARA

County: EFFINGHAM
Latitude: 390738
Longitude: 883710

IDOC Region: 5
IDOC District: 14
IDOC Lake Number: 221
Storet Code: RC-A09-E
IDOC Lake Class: PU
Lake Origin: AA
Natural Division: 9A

Surface Area (ha): 256.0
Surface Area (acres): 614.4
Mean Depth (m): 5.78
Maximum Depth (m): 14.33
Shore Length (km): 61.32
Shoreline Dev. Index: 10.81

Year Constructed: 1957

Watershed Area (ha): 3060
Storage Cap. (1000 m³): 14811.32
Retention Time (yrs): 1.8
Volume Dev. Index: 1.21

USGS 7.5' Quad: EFFINGHAM NORTH

Major River Basin: WABASH

Inflowing Stream: TRIB

Outflowing Stream: LIL WABASH R>WABASH R>OHIO R

Maximum Length (km): 3.94
Maximum Width (km): 5.07
Inshore Mean Depth (m): 4.09
Pool Elevation (m msl): 176.8

Typical Water Chemistry:

Secchi Disk Depth (cm): 84
Conductivity (umhos): 237
Total Alkalinity (mg/l): 90
pH: 8.3

Climatic Information:

Growing Season (days): 182
Growing Deg. Days (50°F base): 3648

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

Habitat Type	Percent of Total Shoreline	
	Total Shoreline	Sampled by Electrofishing
D/C/1	87	2
R/B/0	1	
W/C/2	12	2

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

Black Bullhead Warmouth
Black Crappie White Crappie
Bluegill Yellow Bullhead
Carp
Channel Catfish
Gizzard Shad
Golden Shiner
Grass Carp
Largemouth Bass
Longear Sunfish
Redear Sunfish
Walleye