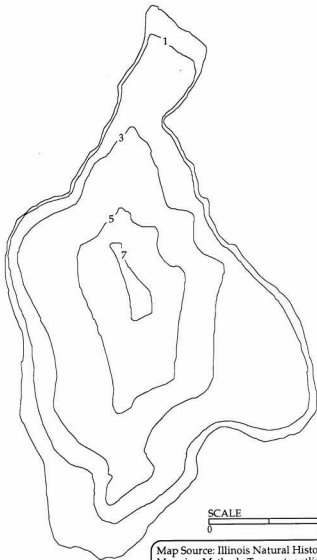
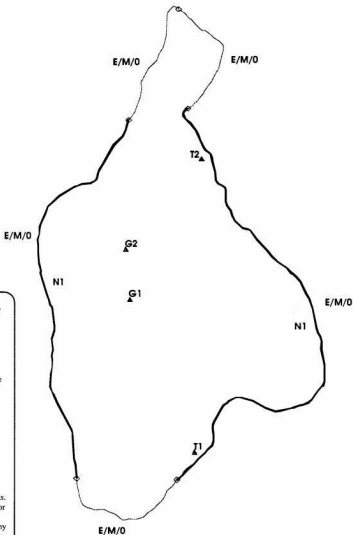


TURNER LAKE



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from 7.5 min.
USGS topographic map
Date completed: 4/29/87

TURNER LAKE



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

TURNER LAKE

(Chain of Lake State Park)

County: LAKE
 Latitude: 422655
 Longitude: 881123

Township: T46N
 Range: R9E
 Section: 21

IDOC Region: 2
 IDOC District: 6
 IDOC Lake Number: 482
 Storet Code: YT-B01ZA
 IDOC Lake Class: ST
 Lake Origin: NG
 Natural Division: 3A

Surface Area (ha): 14.2
 Surface Area (acres): 34.1
 Mean Depth (m): 9
 Maximum Depth (m): 2.44
 Shore Length (km): 1.83
 Shoreline Dev. Index: 1.37

Year Constructed:

USGS 7.5' Quad: FOX LAKE*
 Major River Basin: FOX
 Inflowing Stream: NONE
 Outflowing Stream: TRIB>MARSH

Typical Water Chemistry:

Secchi Disk Depth (cm): 208
 Conductivity (umhos): 320
 Total Alkalinity (mg/l): 228
 pH: 8.3

Watershed Area (ha): 202
 Storage Cap. (1000 m³): 128.54
 Retention Time (yrs): 0.3
 Volume Dev. Index: 1.11

Maximum Length (km): 0.7
 Maximum Width (km): 0.39
 Inshore Mean Depth (m): 0.47
 Pool Elevation (m msl): 228.6

Climatic Information:

Growing Season (days): 158
 Growing Deg. Days (50°F base): 2694

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/M/0	100	70

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

Black Bullhead	Green Sunfish X Bluegill
Black Crappie	Iowa Darter
Bluegill	Johnny Darter
Bluegill X Pumpkinseed	Lake Chubsucker
Bowfin	Largemouth Bass
Brown Bullhead	Northern Pike
Carp	Pumpkinseed
Central Mudminnow	Tadpole Madtom
Channel Catfish	Yellow Bullhead
Golden Shiner	
Grass Pickerel	
Green Sunfish	