

# LAKE MINGO



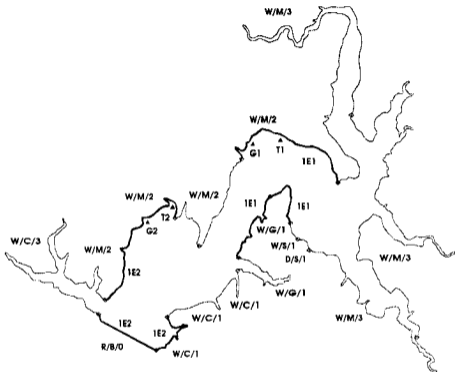
SCALE

0

0.5mi

Map Source: Illinois Natural History Survey  
Mapping Method: Transect, outline from ASCS  
aerial photo  
Date completed: 4/8/87

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## 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

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County: VERMILLION  
Latitude: 401227  
Longitude: 874359

IDOC Region: 3  
IDOC District: 8  
IDOC Lake Number: 170  
Storet Code: RB-A03-N  
IDOC Lake Class:  
Lake Origin: AA  
Natural Division:

Surface Area (ha): 71.7  
Surface Area (acres): 172.2  
Mean Depth (m): 3.68  
Maximum Depth (m): 10.06  
Shore Length (km): 15.12  
Shoreline Dev. Index: 5.03

Year Constructed: 1979

USGS 7.5' Quad: DANVILLE NW  
Major River Basin: WABASH  
Inflowing Stream: WINDFALL CR/WINDFALL L  
Outflowing Stream: WINDFALL CR>MID FK>VERMILLION

Watershed Area (ha): 4626  
Storage Cap. (1000 m<sup>3</sup>): 2642.54  
Retention Time (yrs): 0.2  
Volume Dev. Index: 1.09

## Typical Water Chemistry:

Secchi Disk Depth (cm): 137  
Conductivity (umhos): 338  
Total Alkalinity (mg/l): 230  
pH: 8.5

Maximum Length (km): 1.68  
Maximum Width (km): 2.04  
Inshore Mean Depth (m): 2.25  
Pool Elevation (m msl): 198.1

## Climatic Information:

Growing Season (days): 166  
Growing Deg. Days (50°F base): 3456

## 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/S/1	1	
R/B/0	2	2
W/C/1	7	2
W/S/1	1	
W/M/2	15	10
W/M/3	52	
W/C/3	13	
W/G/1	9	5

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

Black Crappie                      Redear Sunfish  
Bluegill                              Walleye  
Bluegill X Redear                White Crappie  
Channel Catfish                    White Sucker  
Gizzard Shad  
Golden Shiner  
Green Sunfish  
Green Sunfish X Bluegill  
Largemouth Bass