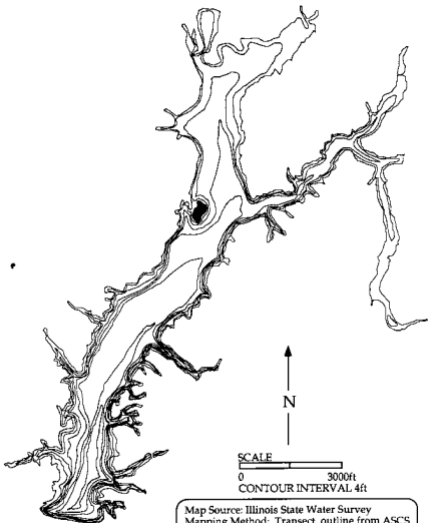


# LAKE MATTOON

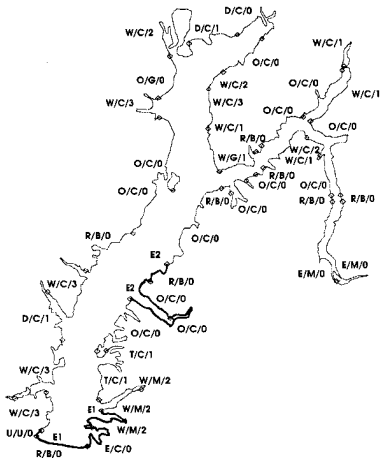


SCALE

0 3000ft  
CONTOUR INTERVAL 4ft

Map Source: Illinois State Water Survey  
Mapping Method: Transect, outline from ASCS  
aerial photo  
Date completed: unknown

# LAKE MATTOON



**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 MATTOON

County: COLES  
Latitude: 392216  
Longitude: 882750

Township: T10N  
Range: R6E  
Section: MANY

Year Constructed: 1955

USGS 7.5' Quad: MATTON W/NEOGA  
Major River Basin: WABASH  
Inflowing Stream: LIL WABASH R  
Outflowing Stream: LIL WABASH R>WABASH R>OHIO R

**Typical Water Chemistry:**  
Secchi Disk Depth (cm): 52  
Conductivity (umhos): 396  
Total Alkalinity (mg/l): 80  
pH: 8.7

IDOC Region: 3  
IDOC District: 9  
IDOC Lake Number: 156  
STORET Code: RC-A09-F  
IDOC Lake Class: PU  
Lake Origin: AA  
Natural Division: 4A

Surface Area (ha): 411.6  
Surface Area (acres): 987.8  
Mean Depth (m): 3.47  
Maximum Depth (m): 9.4  
Shore Length (km): 45.47  
Shoreline Dev. Index: 6.32

Watershed Area (ha): 14245  
Storage Cap. (1000 m<sup>3</sup>): 14285.56  
Retention Time (yrs): 0.4  
Volume Dev. Index: 1.13

Maximum Length (km): 5.27  
Maximum Width (km): 4.27  
Inshore Mean Depth (m): 1.3  
Pool Elevation (m msl): 192.9

**Climatic Information:**  
Growing Season (days): 183  
Growing Deg. Days (50°F base): 3561

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

Habitat Type	Percent of Total Shoreline	Percent of Total Shoreline Sampled by Electrofishing
D/C/0	4	
D/C/1	4	
E/C/0	2	2
E/M/0	8	
O/C/0	32	5
O/G/0	1	
R/B/0	7	2
T/C/1	5	
W/M/2	6	3
W/G/1	2	

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

Black Bullhead	Largemouth Bass
Black Crappie	Longear Sunfish
Bluegill	Orangespotted Sunfish
Carp	Red Shiner
Channel Catfish	Spottail Shiner
Freshwater Drum	White Crappie
Gizzard Shad	Yellow Bullhead
Golden Shiner	
Green Sunfish	
Green Sunfish X Bluegill	