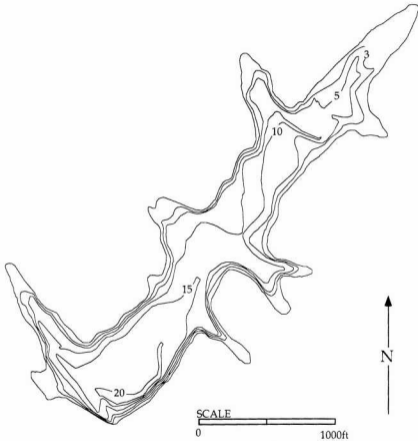
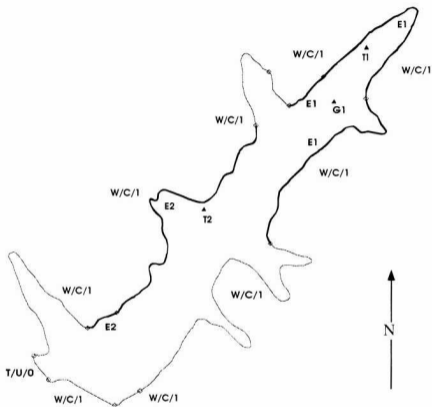


# RAMSEY LAKE



Map Source: Illinois Natural History Survey  
Mapping Method: Transect, outline from IDOC  
aerial photo  
Date completed: 7/10/86

# RAMSEY LAKE



**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 = Unknowns

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

# RAMSEY LAKE

County: FAYETTE  
Latitude: 390936  
Longitude: 890803

IDOC Region: 5  
IDOC District: 14  
IDOC Lake Number: 214  
Storet Code: RO-B03-E  
IDOC Lake Class: 5T  
Lake Origin: AA  
Natural Division: 9A

Surface Area (ha): 22.4  
Surface Area (acres): 53.6  
Mean Depth (m): 2.54  
Maximum Depth (m): 6.71  
Shore Length (km): 4.45  
Shoreline Dev. Index: 2.65

Year Constructed: 1949

USGS 7.5' Quad: RAMSEY LAKE  
Major River Basin: KASKASKIA  
Inflowing Stream: INT  
Outflowing Stream: RAMSEY CR>KASKASKIA R>MISS R

Watershed Area (ha): 607  
Storage Cap. (1000 m<sup>3</sup>): 568.58  
Retention Time (yrs): 0.3  
Volume Dev. Index: 1.13

## Typical Water Chemistry:

Secchi Disk Depth (cm): 58  
Conductivity (umhos): 373  
Total Alkalinity (mg/l): 102  
pH: 8.8

Maximum Length (km): 0.97  
Maximum Width (km): 0.99  
Inshore Mean Depth (m): 1.38  
Pool Elevation (m msl): 175.3

## Climatic Information:

Growing Season (days): 171  
Growing Deg. Days (50°F base): 3611

## 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
E/C/2	12	12
T/U/0	1	
W/C/1	86	34

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

Black X White Crappie  
Bluegill  
Channel Catfish  
Golden Shiner  
Green Sunfish  
Largemouth Bass  
Redear Sunfish  
Yellow Bullhead