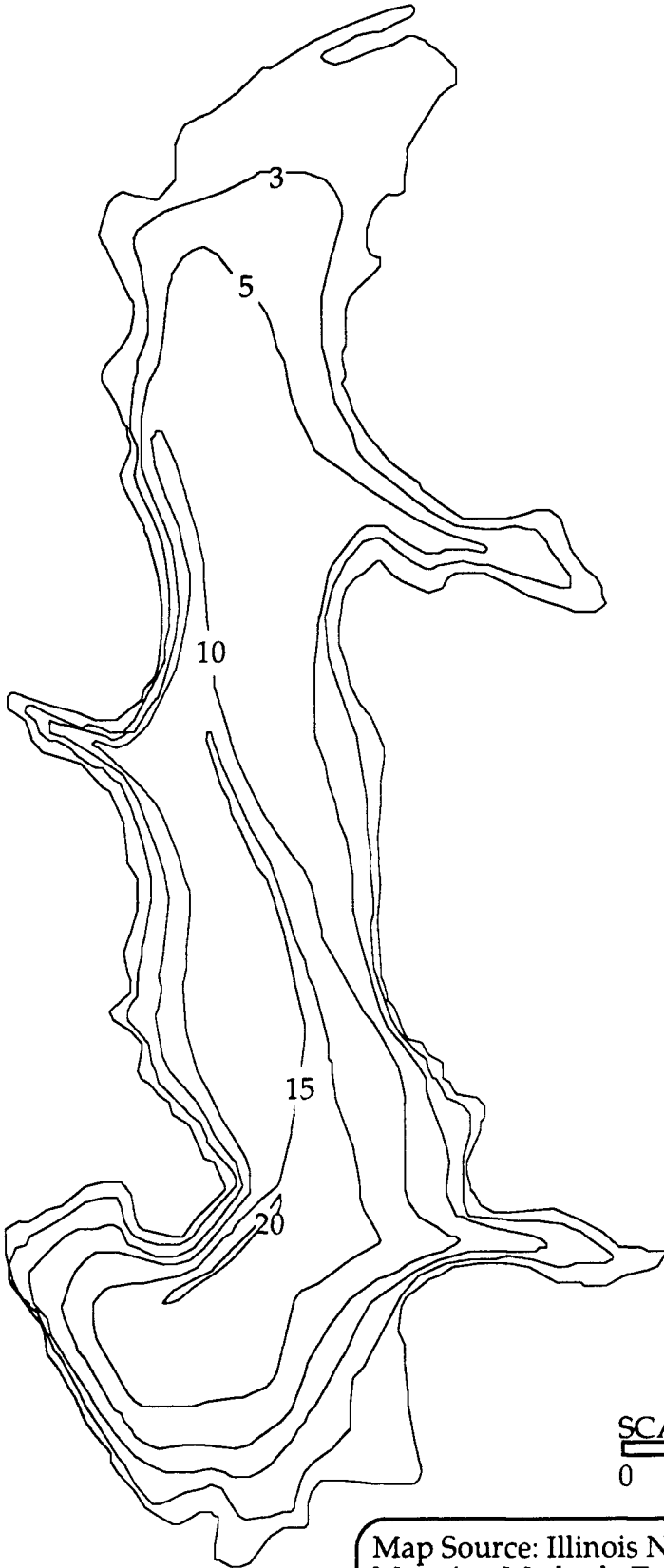


# LAKE CARLTON

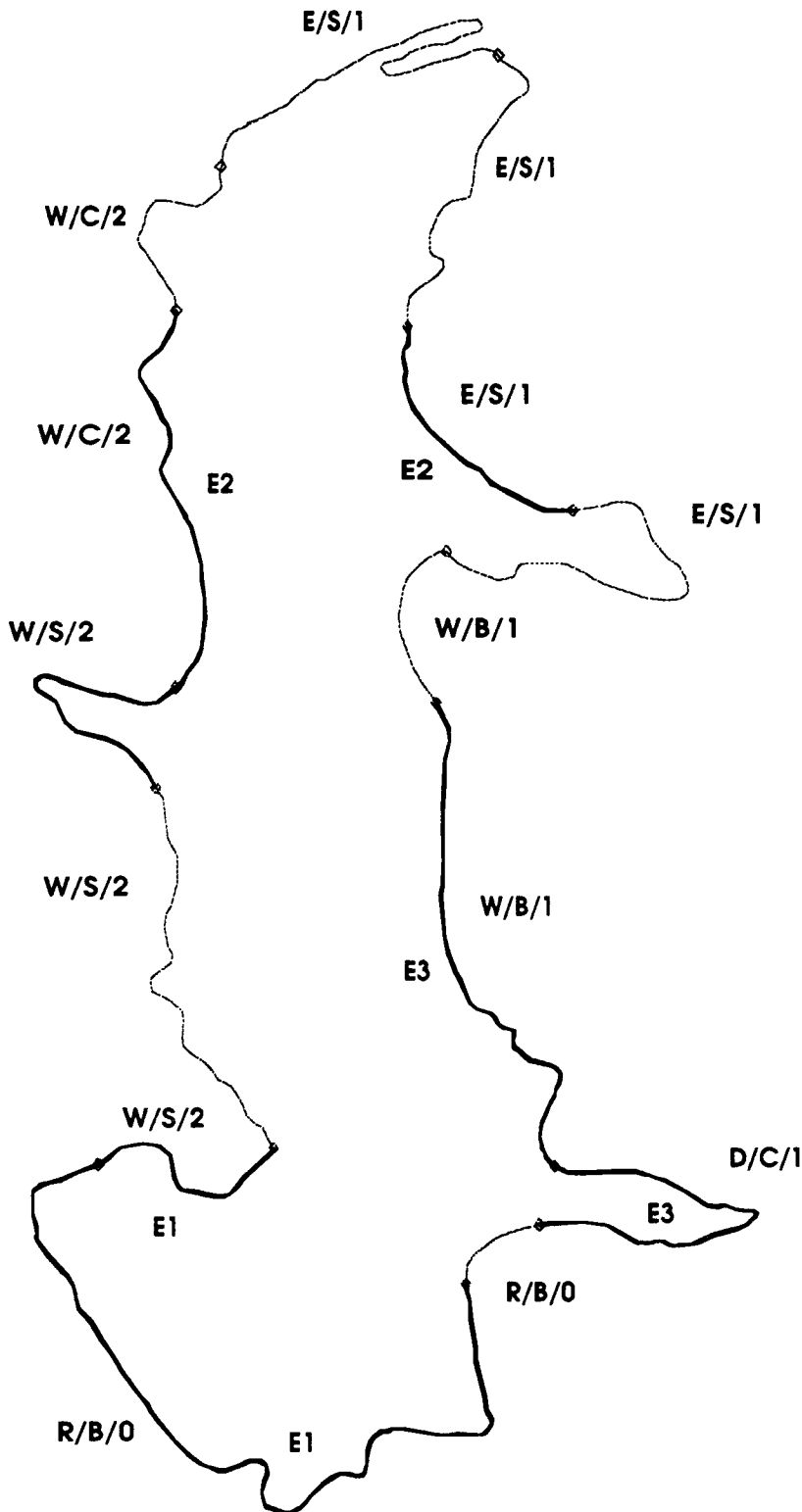


SCALE

0 ————— 500 ft.

Map Source: Illinois Natural History Survey  
Mapping Method: Transect, outline from 7.5 min.  
USGS topographic map  
Date completed: 9/13/88

# LAKE CARLTON



## 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

# LAKE CARLTON

County: WHITESIDE  
 Latitude: 415045  
 Longitude: 895747

IDOC Region: 1  
 IDOC District: 2  
 IDOC Lake Number: 5  
 Storet Code: RP-B04-F  
 IDOC Lake Class: ST  
 Lake Origin: AA  
 Natural Division: 2A

Surface Area (ha): 29.1  
 Surface Area (acres): 69.8  
 Mean Depth (m): 3.43  
 Maximum Depth (m): 8.23  
 Shore Length (km): 4.43  
 Shoreline Dev. Index: 2.31

Year Constructed: 1969

USGS 7.5' Quad: MORRISON  
 Major River Basin: ROCK  
 Inflowing Stream: INT  
 Outflowing Stream: INT>ROCK CR>ROCK R

Watershed Area (ha): 573  
 Storage Cap. (1000 m<sup>3</sup>): 996.64  
 Retention Time (yrs): 0.9  
 Volume Dev. Index: 1.24

## Typical Water Chemistry:

Secchi Disk Depth (cm): 1636  
 Conductivity (umhos): 288  
 Total Alkalinity (mg/l): 219  
 pH: 5.8

Maximum Length (km): 0.59  
 Maximum Width (km): 1.19  
 Inshore Mean Depth (m): 2.1  
 Pool Elevation (m msl): 201.5

## Climatic Information:

Growing Season (days): 165  
 Growing Deg. Days (50°F base): 3209

## 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	8	8
E/S/1	30	5
R/B/0	19	17
W/B/1	13	10
W/S/2	18	10
W/C/2	12	8

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

Black Bullhead  
 Black Crappie  
 Bluegill  
 Brook Silverside  
 Channel Catfish  
 Golden Shiner  
 Green Sunfish  
 Largemouth Bass  
 Muskellunge  
 Redear Sunfish  
 Walleye