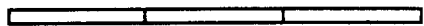


# BORAH LAKE



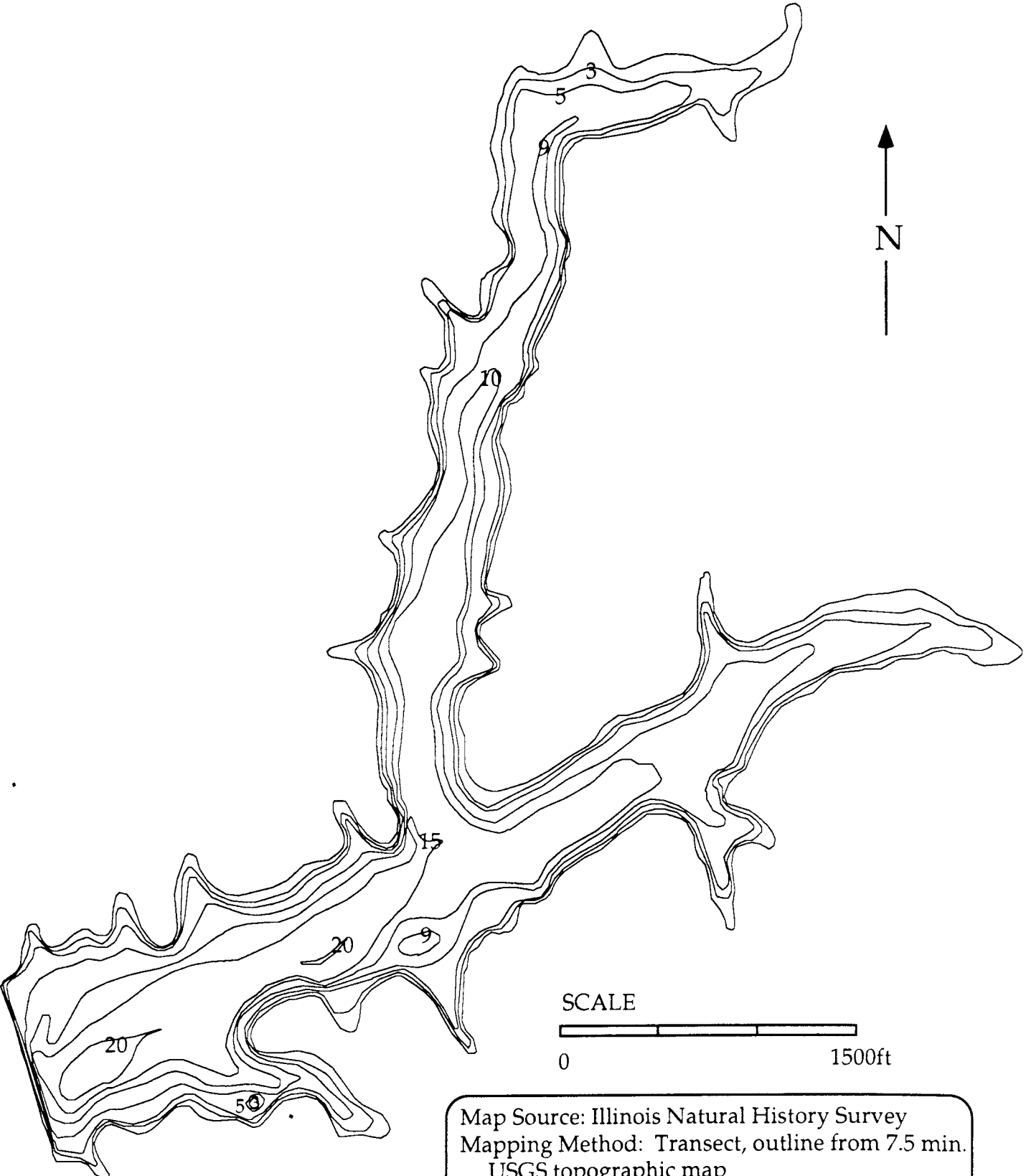
SCALE



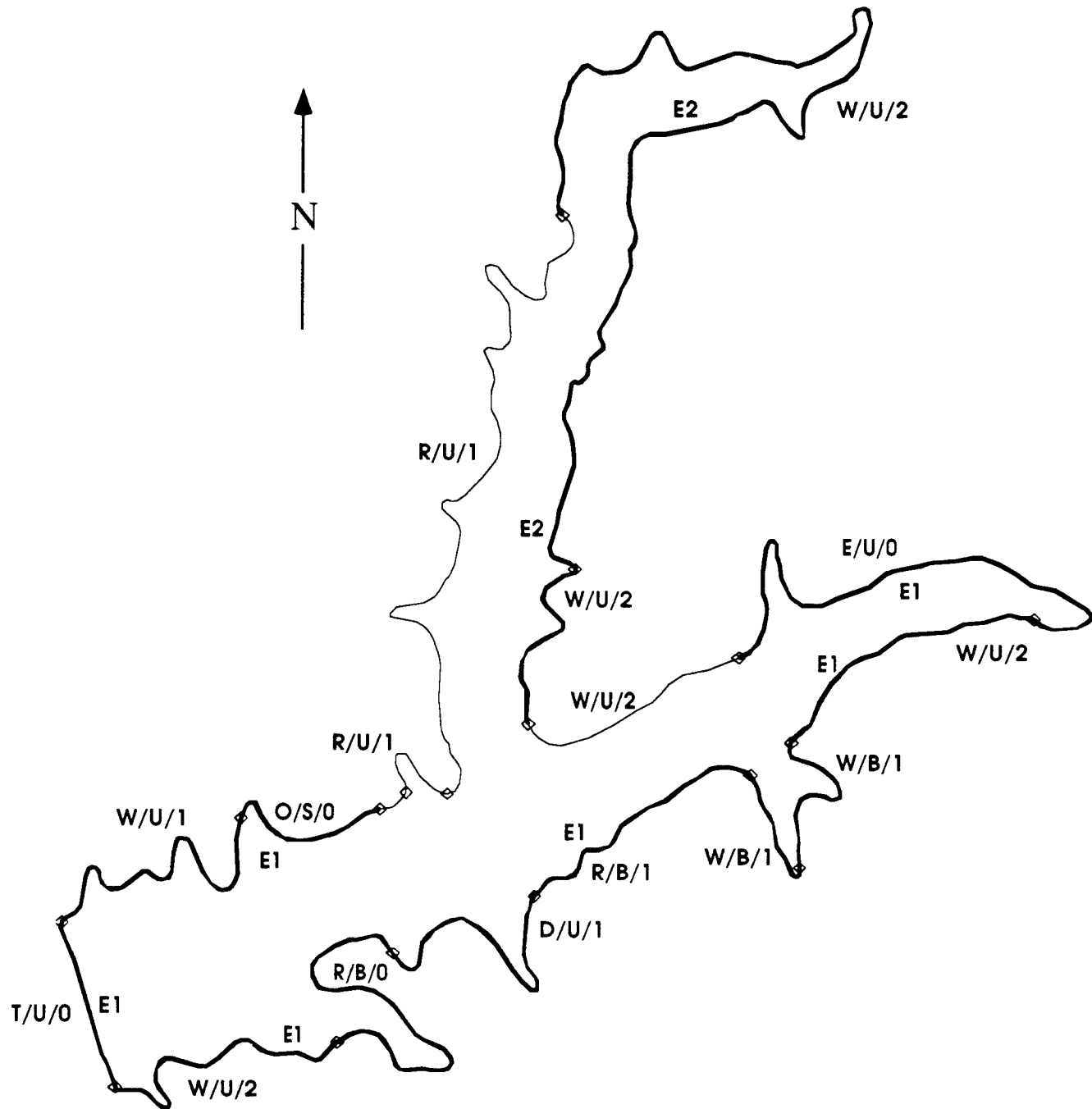
0

1500ft

Map Source: Illinois Natural History Survey  
Mapping Method: Transect, outline from 7.5 min.  
USGS topographic map  
Date completed: 4/18/89



# BORAH 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 = 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 4/18/89

# BORAH LAKE

County: RICHLAND  
Latitude: 384630  
Longitude: 880402

Township: T4N  
Range: R10E  
Section: 14,23,13

Year Constructed: 1954

USGS 7.5' Quad: DUNDAS  
Major River Basin: WABASH  
Inflowing Stream: INT  
Outflowing Stream: TRIB>FOX R>LIL WABASH>WABASH R

## Typical Water Chemistry:

Secchi Disk Depth (cm): 102  
Conductivity (umhos): 132  
Total Alkalinity (mg/l): 43  
pH: 6.8

IDOC Region: 5  
IDOC District: 15  
IDOC Lake Number: 227  
Storet Code: RC-A09-B  
IDOC Lake Class: PU  
Lake Origin: AA  
Natural Division: 9B

Surface Area (ha): 52.1  
Surface Area (acres): 125.1  
Mean Depth (m): 3.23  
Maximum Depth (m): 7.92  
Shore Length (km): 9.34  
Shoreline Dev. Index: 3.64

Watershed Area (ha): 872  
Storage Cap. (1000 m<sup>3</sup>): 1686.48  
Retention Time (yrs): 0.7  
Volume Dev. Index: 1.22

Maximum Length (km): 1.72  
Maximum Width (km): 1.58  
Inshore Mean Depth (m): 2.4  
Pool Elevation (m msl): 143.5

## Climatic Information:

Growing Season (days): 206  
Growing Deg. Days (50°F base): 4292

## 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/U/1	5	5
E/U/0	13	13
O/S/0	3	3
R/B/1	5	5
R/U/1	16	
R/B/0	7	7
W/U/1	6	6
W/U/2	40	36
W/B/1	5	5

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

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