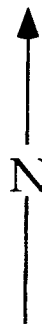
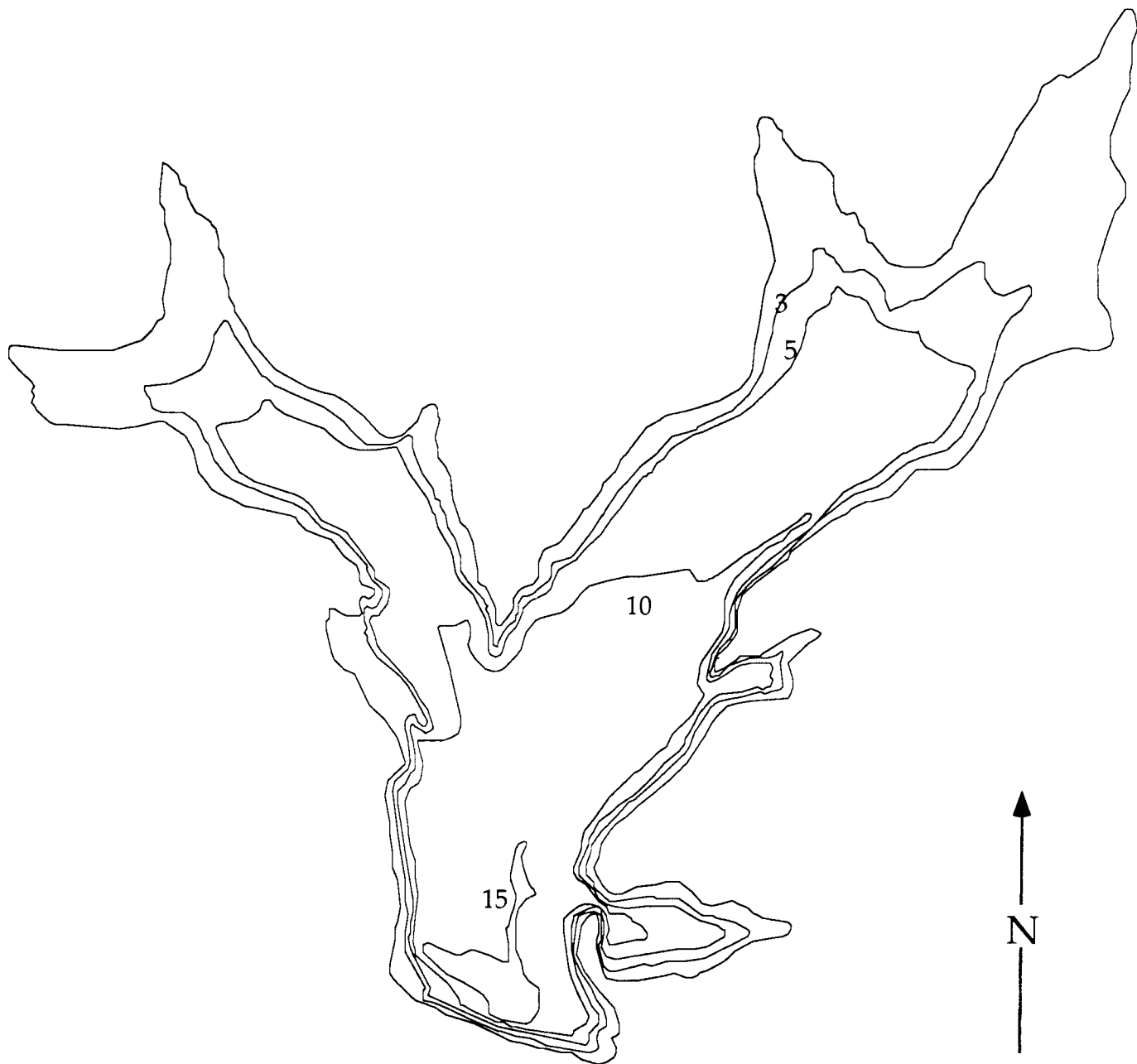
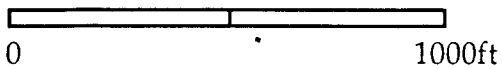


DOLAN STATE LAKE

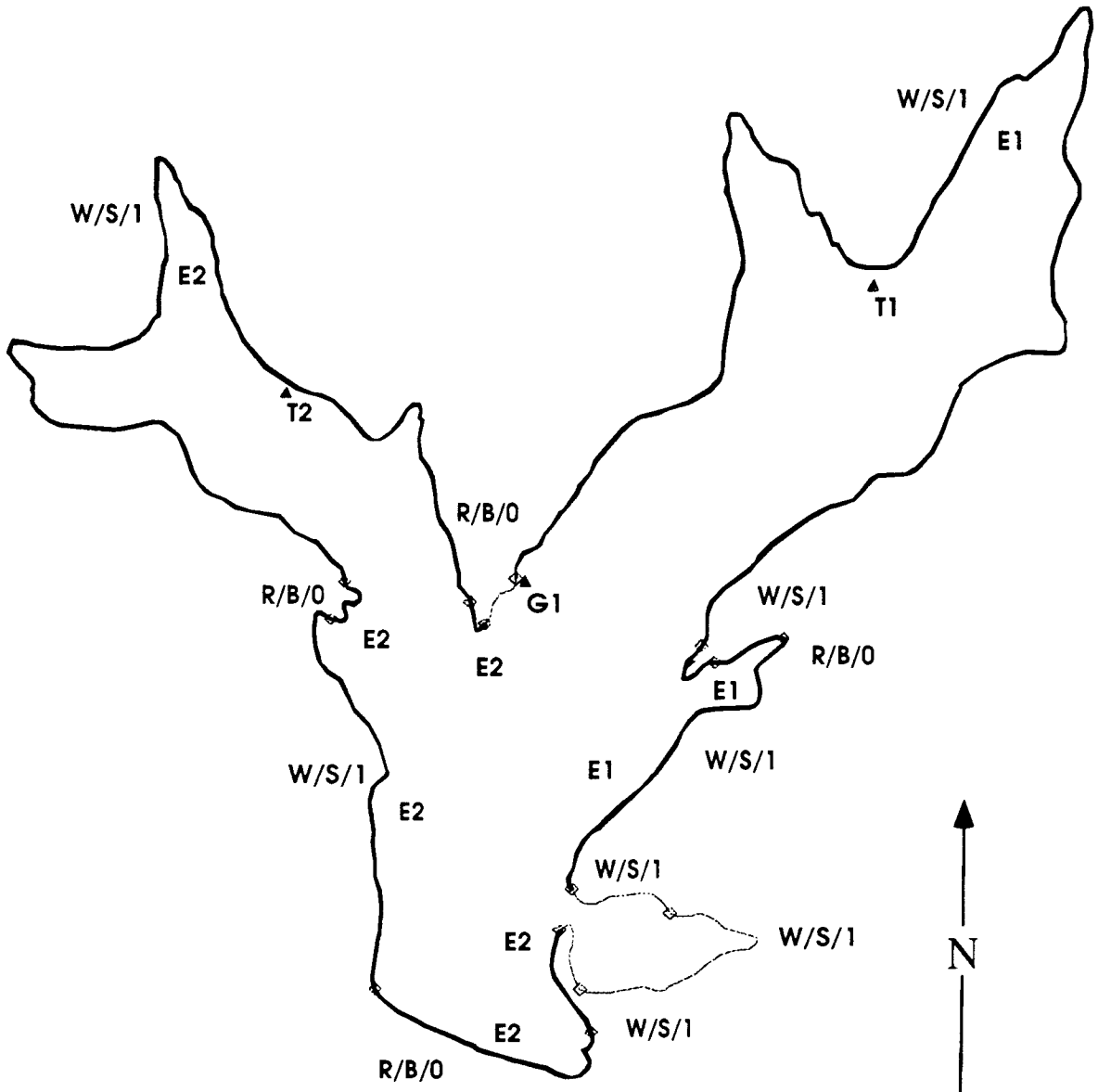


SCALE



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from IDOC
aerial photo
Date completed: 7/8/86

DOLAN STATE 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 10/29/86

DOLAN STATE LAKE

County: HAMILTON
 Latitude: 380331
 Longitude: 882415

Township: T5S
 Range: R7E
 Section: 26

IDOC Region: 5
 IDOC District: 16
 IDOC Lake Number: 238
 STORET Code: RA-A01-A
 IDOC Lake Class: ST
 Lake Origin: AA
 Natural Division: 9B

Surface Area (ha): 29.0
 Surface Area (acres): 70.0
 Mean Depth (m): 1.9
 Maximum Depth (m): 5.18
 Shore Length (km): 5.19
 Shoreline Dev. Index: 2.71

Year Constructed: 1962

USGS 7.5' Quad: THACKERY
 Major River Basin: WABASH
 Inflowing Stream: INT
 Outflowing Stream: LICK CR>WHEELER>SKILLET>WABSH

Watershed Area (ha): 431
 Storage Cap. (1000 m³): 551.3
 Retention Time (yrs): 0.5
 Volume Dev. Index: 1.1

Typical Water Chemistry:

Secchi Disk Depth (cm): 33
 Conductivity (umhos): 265
 Total Alkalinity (mg/l): 60
 pH: 8.1

Maximum Length (km): 1.02
 Maximum Width (km): 1.01
 Inshore Mean Depth (m): 1.05
 Pool Elevation (m msl): 132.3

Climatic Information:

Growing Season (days): 175
 Growing Deg. Days (50°F base): 3965

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

<u>Habitat Type</u>	<u>Percent of Total Shoreline</u>	<u>Percent of Total Shoreline Sampled by Electrofishing</u>
R/B/0	10	9
W/S/1	90	81

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

Black Bullhead	Warmouth
Black Crappie	White Crappie
Bluegill	Yellow Bullhead
Brook Silverside	Yellow Bass
Carp	
Channel Catfish	
Golden Shiner	
Green Sunfish	
Gizzard Shad	
Largemouth Bass	
Redear Sunfish	
Threadfin Shad	
Walleye	