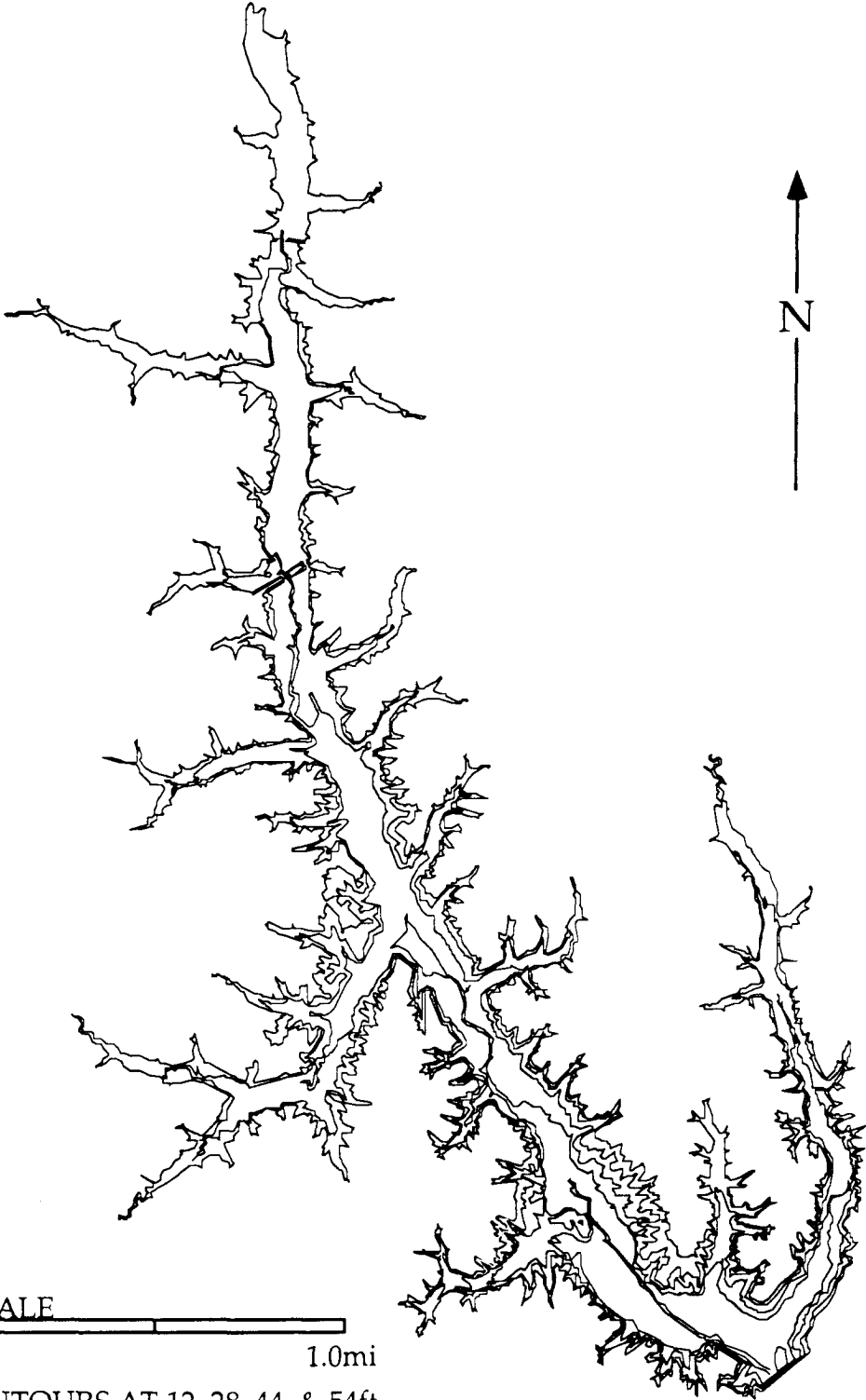


COFFEEN LAKE

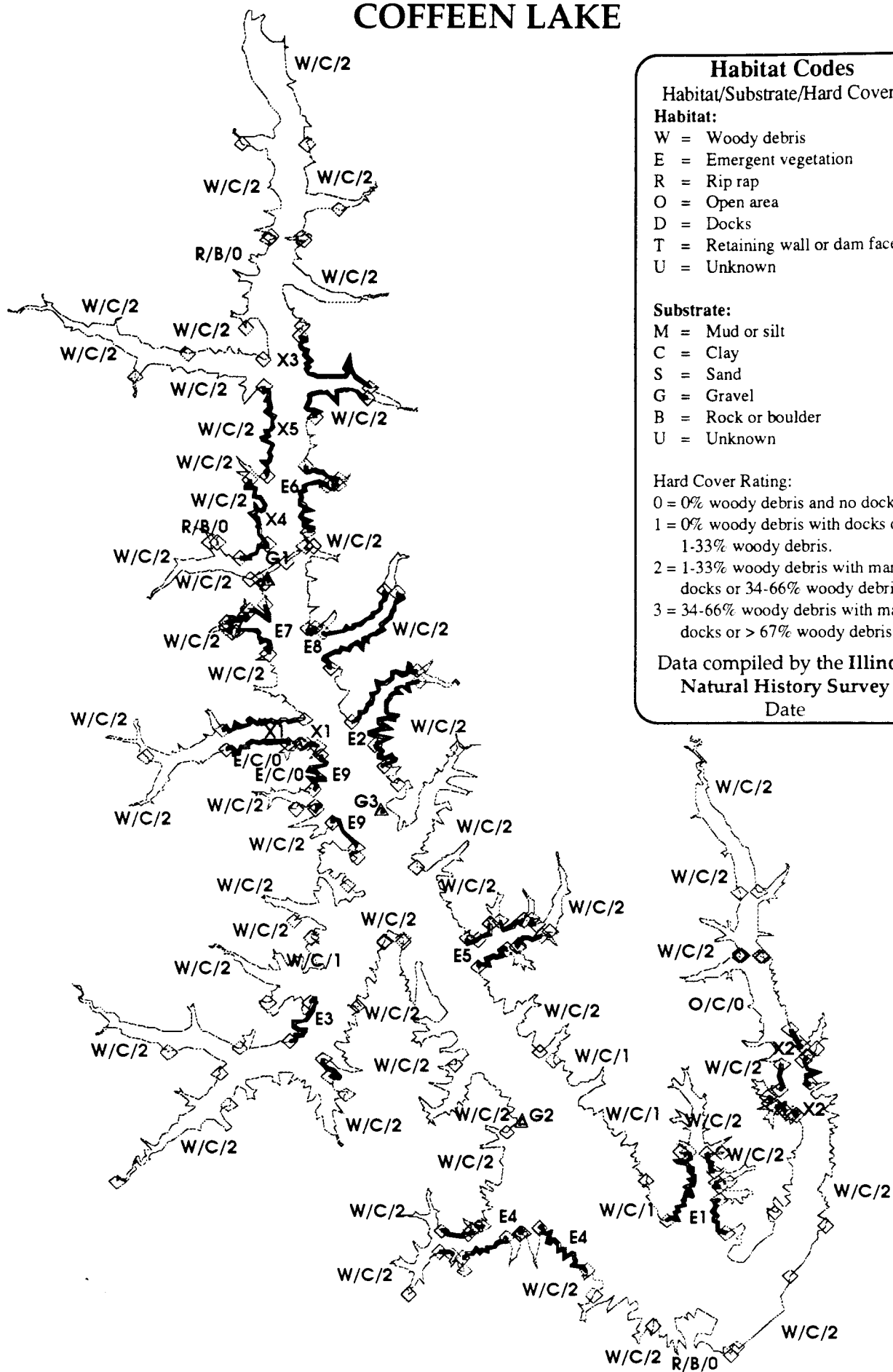


SCALE
0 1.0mi

CONTOURS AT 12, 28, 44, & 54ft.

Map Source: Central Illinois Power Service
Mapping Method: Pre-impoundment survey
Date completed: Unknown

COFFEEN LAKE



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

COFFEEN LAKE

County: MONTGOMERY
 Latitude: 390220
 Longitude: 892309

Township: T7N
 Range: R3W
 Section: 14

IDOC Region: 4
 IDOC District: 12
 IDOC Lake Number: 4605
 Storet Code: RO-A01-G
 IDOC Lake Class: ST
 Lake Origin: AA
 Natural Division: 9A

Surface Area (ha): 446.0
 Surface Area (acres): 1070.4
 Mean Depth (m): 5.7
 Maximum Depth (m): 17.7
 Shore Length (km): 77.1
 Shoreline Dev. Index: 10.6

Year Constructed: 1963

USGS 7.5' Quad: COFFEEN
 Major River Basin: KASKASKIA
 Inflowing Stream: MCDAVID BR
 Outflowing Stream: E FK SHOAL>SHOAL>KASK>MISS

Watershed Area (ha): 4452
 Storage Cap. (1000 m³): 27200
 Retention Time (yrs): 2.1
 Volume Dev. Index: 0.97

Typical Water Chemistry:

Secchi Disk Depth (cm): 110
 Conductivity (umhos): 653
 Total Alkalinity (mg/l): 79
 pH: 8.2

Maximum Length (km):
 Maximum Width (km):
 Inshore Mean Depth (m): 2.73
 Pool Elevation (m msl): 179.8

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

<u>Habitat Type</u>	<u>Percent of Total Shoreline</u>	<u>Percent of Total Shoreline Sampled by Electrofishing</u>
E/C/0	1	
O/C/0	1	
R/B/0	1	
W/C/1	7	1
W/C/2	90	13
W/C/0	1	

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

Black Bullhead	Largemouth Bass
Bluegill	Longear Sunfish
Bluegill X Longear Sunfish	Orangespotted Sunfish
Carp	Redear Sunfish
Channel Catfish	White Crappie
Flathead Catfish	Yellow Bullhead
Gizzard Shad	
Golden Shiner	
Green Sunfish	
Green Sunfish X Bluegill	