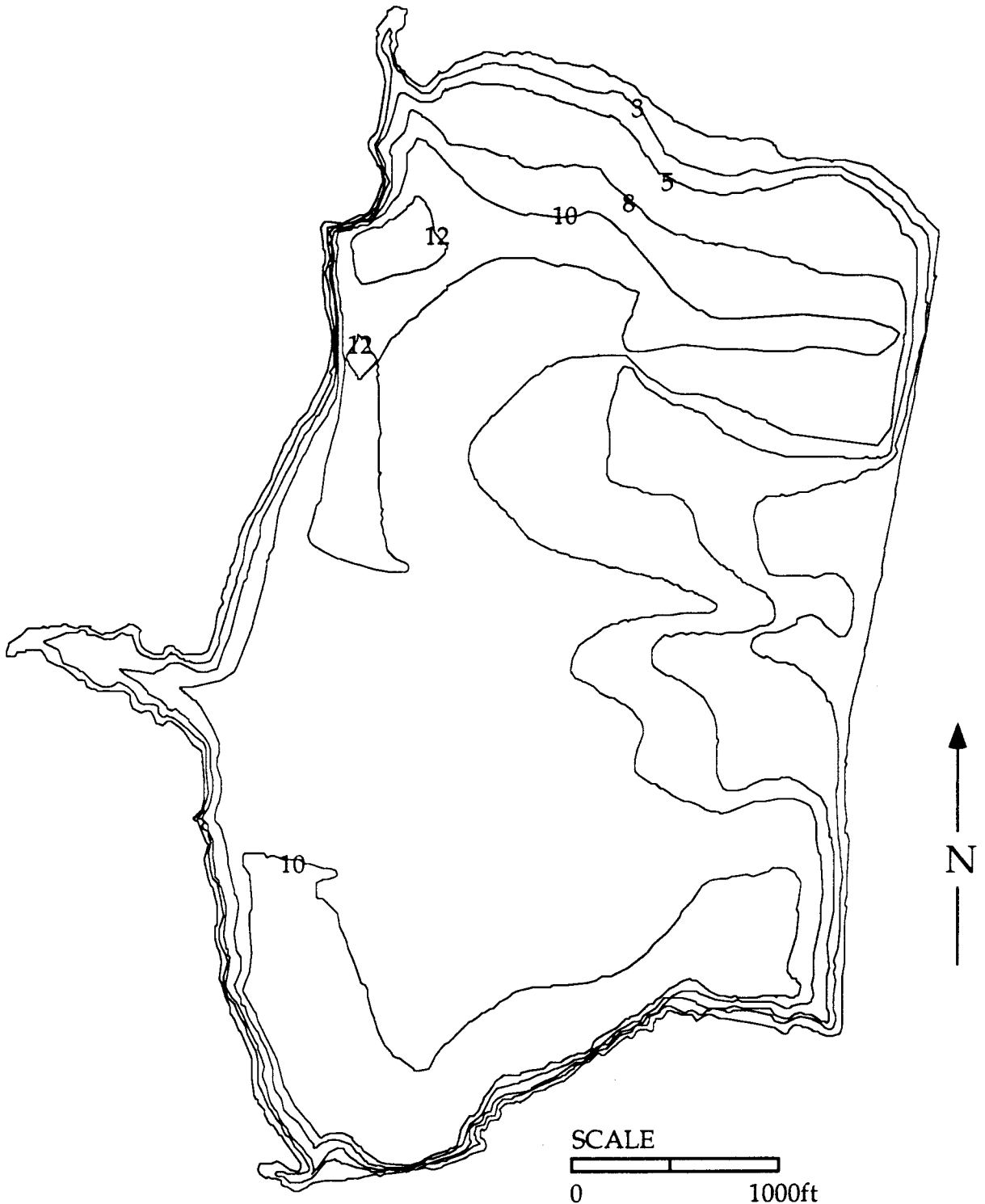
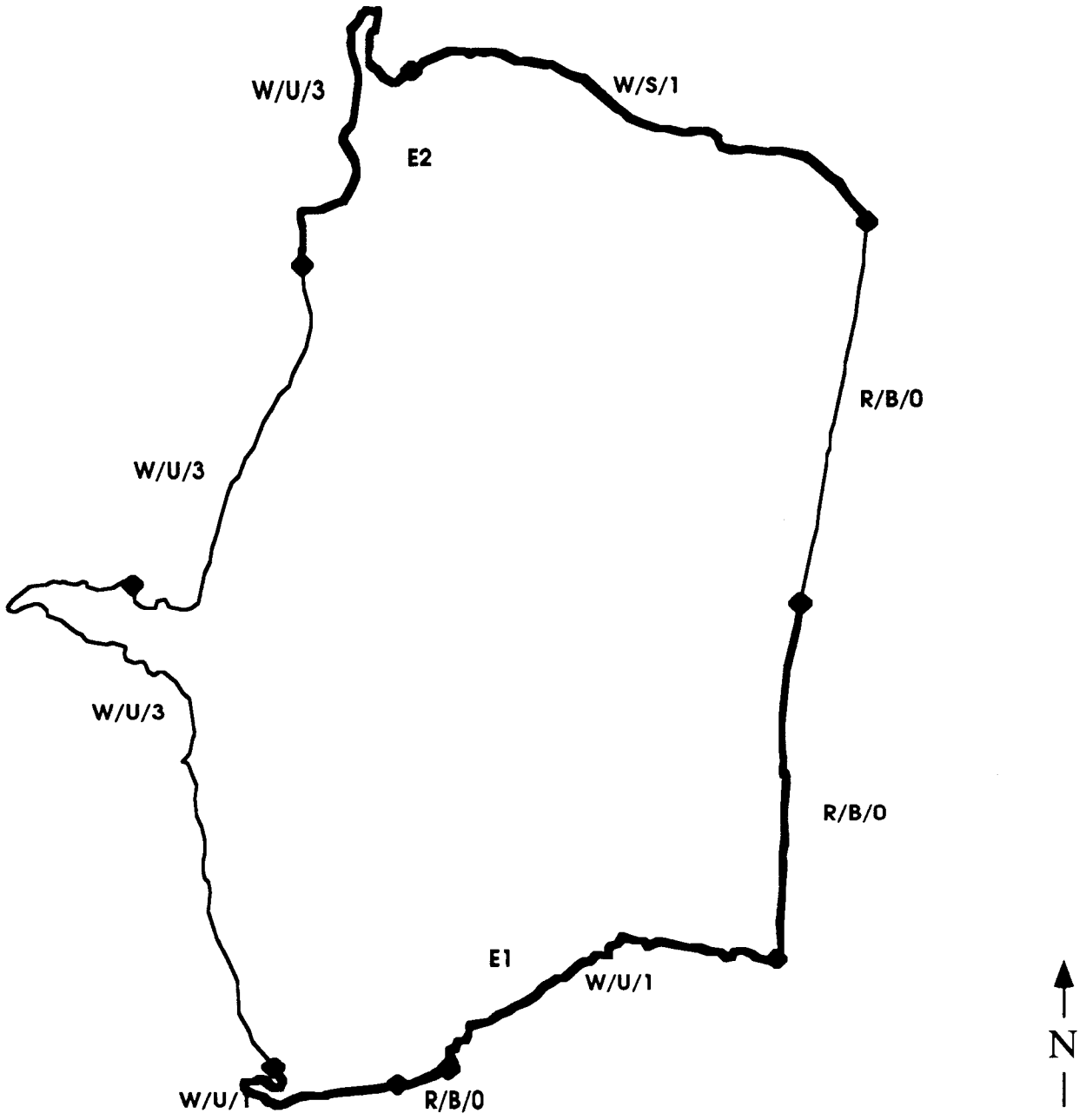


CHARLESTON SIDE CHANNEL LAKE



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from ASCS
aerial photo
Date completed: 10/29/86

CHARLESTON SIDE CHANNEL 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 greater than 67% woody debris.

CHARLESTON SIDE CHANNEL LAKE

County: COLES
 Latitude: 392813
 Longitude: 880837

IDOC Region: 3
 IDOC District: 9
 IDOC Lake Number: 118
 Storet Code: RB-A06-C
 IDOC Lake Class: PU
 Lake Origin: AA
 Natural Division: 4A

Surface Area (ha): 132.2
 Surface Area (acres): 317.4
 Mean Depth (m): 2.36
 Maximum Depth (m): 4.88
 Shore Length (km): 5.85
 Shoreline Dev. Index: 1.43

Year Constructed: 1947

USGS 7.5' Quad: CHARLESTON S
 Major River Basin: WABASH
 Inflowing Stream: UN-NAMED TRIBS
 Outflowing Stream: EMBARRASS R>WABASH R>OHIO R

Watershed Area (ha): 560
 Storage Cap. (1000 m³): 3117.23
 Retention Time (yrs): 0.002
 Volume Dev. Index: 1.44

Typical Water Chemistry:
 Secchi Disk Depth (cm): 347
 Conductivity (umhos): 362
 Total Alkalinity (mg/l): 134
 pH: 8.5

Maximum Length (km): 1.74
 Maximum Width (km): 1.35
 Inshore Mean Depth (m): 1.2
 Pool Elevation (m msl): 179.2

Climatic Information:
 Growing Season (days): 182
 Growing Deg. Days (50°F base): 3546

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
R/B/0	22	11
W/U/1	18	18
W/U/3	46	12
W/S/1	14	14

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

Black Bullhead
 Black Crappie
 Bluegill
 Bluegill X Orangespotted Sun.
 Brook Silverside
 Carp
 Channel Catfish
 Flathead Catfish
 Gizzard Shad
 Golden Redhorse
 Golden Shiner
 Grass Pickerel
 Green Sunfish
 Green Sunfish X Bluegill
 Green Sunfish X Warmouth
 Green X Longear Sunfish
 Hybrid Striped Bass
 Largemouth Bass
 Longear Sunfish
 Orangespotted Sunfish
 River Carpsucker
 Shorthead Redhorse
 Spotted Bass
 Spotted Sucker

Warmouth
 White Crappie
 Yellow Bullhead