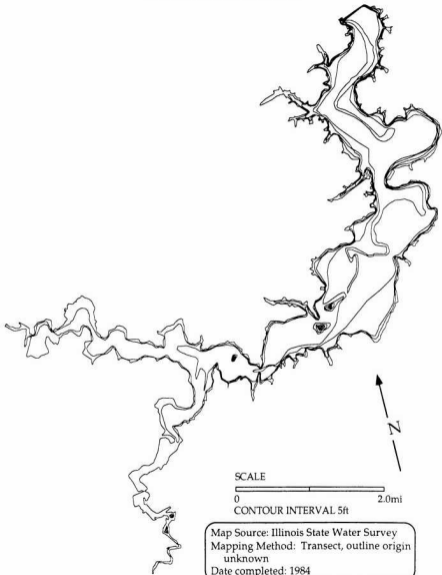
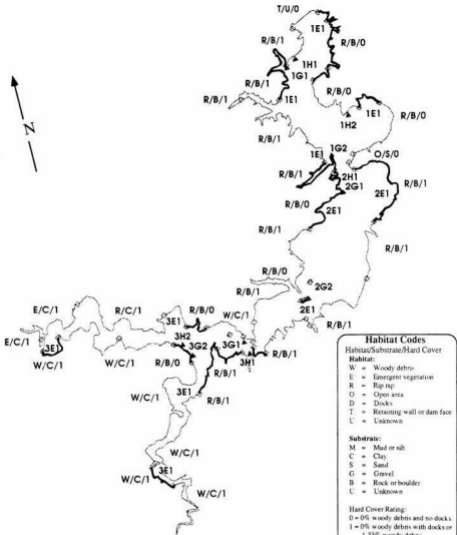


LAKE SPRINGFIELD



LAKE SPRINGFIELD



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 6/7/88

LAKE SPRINGFIELD

County: SANGAMON

Latitude: 394243

Longitude: 893613

Township: T15N

Range: R5W

Section: 12

IDOC Region: 4

IDOC District: 11

IDOC Lake Number: 172

Storet Code: RE-A05-F

IDOC Lake Class: PU

Lake Origin: AA

Natural Division: 4B

Surface Area (ha): 1582.1

Surface Area (acres): 3796.9

Mean Depth (m): 4.01

Maximum Depth (m): 7.92

Shore Length (km): 84.77

Shoreline Dev. Index: 6.01

Year Constructed: 1935

USGS 7.5' Quad: SPRINGFIELD E*/W/CHATHAM

Major River Basin: SANGAMON

Inflowing Stream: SUGAR CR/LICK CR

Outflowing Stream: SUGAR CR>SANGAMON R

Watershed Area (ha): 66924

Storage Cap. (1000 m³): 63387.55

Retention Time (yrs): 0.4

Volume Dev. Index: 1.51

Typical Water Chemistry:

Secchi Disk Depth (cm): 43

Conductivity (umhos): 539

Total Alkalinity (mg/l): 147

pH: 8.7

Maximum Length (km): 11.64

Maximum Width (km): 9.82

Inshore Mean Depth (m): 1.4

Pool Elevation (m msl): 170.7

Climatic Information:

Growing Season (days): 173

Growing Deg. Days (50°F base): 3569

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

Habitat Type	Percent of Total Shoreline	
	Total Shoreline	Sampled by Electrofishing
E/C/1	10	1
R/B/1	39	17
R/C/1	5	
R/B/0	25	9
T/U/0	1	
W/C/1	21	1

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

Bigmouth Buffalo	Freshwater Drum	Smallmouth Buffalo
Black Buffalo	Gizzard Shad	Threadfin Shad
Black Bullhead	Golden Redhorse	Tiger Muskellunge
Black Crappie	Golden Shiner	Walleye
Black X White Crappie	Green Sunfish	White Bass
Bluegill	Green Sunfish X Bluegill	White Crappie
Bluntnose Minnow	Highfin Carpsucker	White Sucker
Brook Silverside	Largemouth Bass	Yellow Bullhead
Bullhead Minnow	Orangespotted Sunfish	
Carp	Pirate Perch	
Channel Catfish	Redear Sunfish	
Flathead Catfish	River Carpsucker	