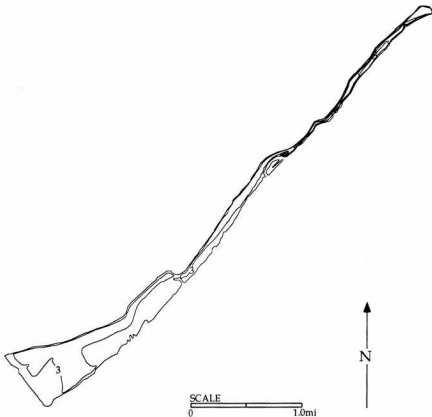


SPRING LAKE (NORTH)



Map Source: Illinois Dept. of Conservation
Mapping Method: Transect, outline from IDOC
aerial photo
Date completed: 1980

SPRING LAKE (NORTH)

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

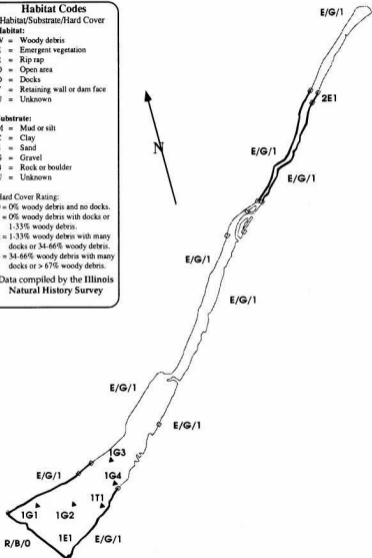
Substrate:

- 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



SPRING LAKE (NORTH)

County: TAZEWELL
Latitude: 402834
Longitude: 895101

IDOC Region: 1
IDOC District: 4
IDOC Lake Number: 40
Storet Code: RD-B05-Q
IDOC Lake Class: ST
Lake Origin: NR
Natural Division: 5A

Surface Area (ha): 194.1
Surface Area (acres): 465.9
Mean Depth (m): 54
Maximum Depth (m): 2.65
Shore Length (km): 19.82
Shoreline Dev. Index: 4.01

Year Constructed: 1918

Watershed Area (ha): 256
Storage Cap. (1000 m³): 1048.82
Retention Time (yrs):
Volume Dev. Index: 0.61

USGS 7.5' Quad: GLADSFORD/MANITO
Major River Basin: ILLINOIS
Inflowing Stream: SPRING FED
Outflowing Stream: RUNOFF TO IL R

Maximum Length (km): 5.84
Maximum Width (km): 6.11
Inshore Mean Depth (m): 0.56
Pool Elevation (m msl): 132.3

Typical Water Chemistry:

Secchi Disk Depth (cm): 107
Conductivity (umhos): 252
Total Alkalinity (mg/l): 118
pH: 8.9

Climatic Information:

Growing Season (days): 180
Growing Deg. Days (50°F base): 3551

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

Habitat Type	Percent of	
	Total Shoreline	Sampled by Electrofishing
E/G/1	95	28
R/B/0	5	5

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

Black Bullhead	Green Sunfish X Bluegill
Black Crappie	Largemouth Bass
Bluegill	Muskellunge
Bluegill X Redear	Redear Sunfish
Brown Bullhead	Warmouth
Carp	White Crappie
Channel Catfish	Yellow Bullhead
Fathead Minnow	
Gizzard Shad	
Golden Shiner	
Grass Pickerel	
Green Sunfish	