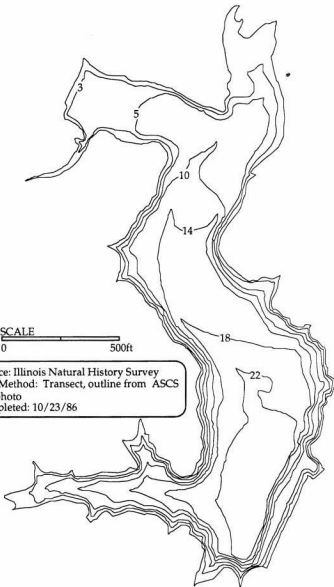


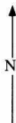
WELDON SPRINGS



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from ASCS
aerial photo
Date completed: 10/23/86



WELDON SPRINGS



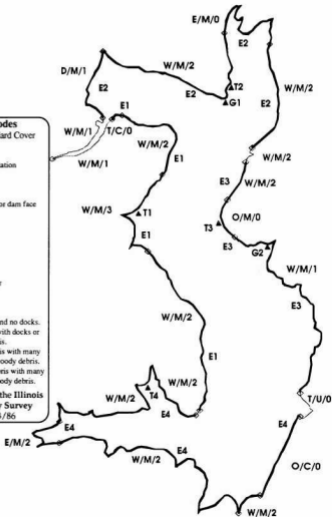
Habitat Codes
Habitat/Substrate/Hard Cover

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 10/23/86



WELDON SPRINGS LAKE

County: DEWITT
Latitude: 400708
Longitude: 885521

Township: T19N
Range: R2E
Section: 12

IDOC Region: 3
IDOC District: 8
IDOC Lake Number: 93
STORET Code: RE-A02-D
IDOC Lake Class: 5T
Lake Origin:
Natural Division: 4A

Surface Area (ha): 12.0
Surface Area (acres): 28.9
Mean Depth (m): 3.47
Maximum Depth (m): 8.53
Shore Length (km): 3.38
Shoreline Dev. Index: 2.75

Year Constructed: 1900

USGS 7.5' Quad: MAROA
Major River Basin: SANGAMON
Inflowing Stream: INTERMITTENT TRIBS
Outflowing Stream: SALT CR.>SANGAMON R.>ILLINOIS R

Watershed Area (ha): 222
Storage Cap. (1000 m³): 414.74
Retention Time (yrs): 0.7
Volume Dev. Index: 1.22

Typical Water Chemistry:

Secchi Disk Depth (cm): 173
Conductivity (umhos): 412
Total Alkalinity (mg/l): 189
pH: 8.2

Maximum Length (km): 0.76
Maximum Width (km): 0.43
Inshore Mean Depth (m):
Pool Elevation (m msl): 210.6

Climatic Information:

Growing Season (days): 175
Growing Deg. Days (50°F base): 3263

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
D/M/1	4	4
E/M/0	9	9
O/C/0	4	4
O/M/0	2	2
T/U/0	2	
T/C/0	1	1
W/M/2	56	55
W/M/1	18	11
W/M/3	5	5

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

Black Bullhead	Gizzard Shad
Black Crappie	Golden Shiner
Blackstripe Topminnow	Green Sunfish
Bluegill	Largemouth Bass
Brown Bullhead	Redear Sunfish
Carp	White Crappie
Channel Catfish	
Freshwater Drum	