

MAZONIA LAKE #8



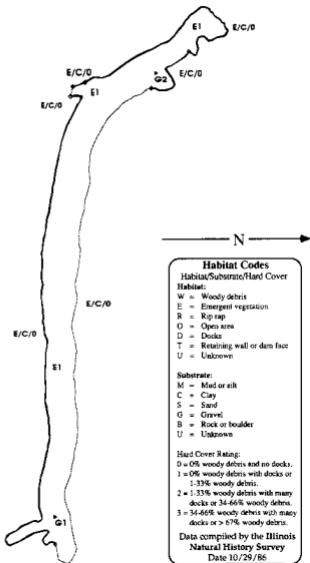
SCALE

0 1000ft

Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from 7.5 min.
USGS topographic map
Date completed: 8/90

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County: GRUNDY
Latitude: 411137
Longitude: 881627

IDOC Region: 2
IDOC District: 7
IDOC Lake Number: 4217
Store Code:
IDOC Lake Class: ST
Lake Origin: AS
Natural Division: 4E

Surface Area (ha): 7.3
Surface Area (acres): 17.6
Mean Depth (m): 3.42
Maximum Depth (m): 7.925
Shore Length (km): 2.77
Shoreline Dev. Index: 2.88

Year Constructed: 1962

Watershed Area (ha): 49
Storage Cap. (1000 m³): 250.79
Retention Time (yrs): 2.2
Volume Dev. Index: 1.29

USGS 7.5' Quad: GARDNER
Major River Basin: ILLINOIS
Inflowing Stream: NONE
Outflowing Stream: TO MAZ L 9>MAZON R>ILL R

Maximum Length (km): 1.06
Maximum Width (km): 0.44
Inshore Mean Depth (m): 3.25
Pool Elevation (m msl): 182

Typical Water Chemistry:

Secchi Disk Depth (cm): 244
Conductivity (umhos): 736
Total Alkalinity (mg/l): 161
pH: 8.0

Climatic Information:
Growing Season (days): 174
Growing Deg. Days (50°F base): 3126

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
E/C/O	100	62

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

Black Bullhead	Green Sunfish
Blackstripe Topminnow	Green Sunfish X Bluegill
Bluegill	Largemouth Bass
Blimbnose Minnow	Logperch
Brook Silverside	Longear Sunfish
Carp	Longnose Gar
Carp X Goldfish	Northern Pike
Channel Catfish	Shorthead Redhorse
Freshwater Drum	Smallmouth Buffalo
Gizzard Shad	White Crappie
Golden Redhorse	White Sucker
Grass Pickerel	Yellow Bullhead