



HOMER LAKE

LAKE STATUS SUMMARY



LOCATION: Homer Lake is part of the Champaign County Forest Preserve District (CCFPD) and is located 2 miles Northwest of Homer and 15 miles Southeast of Champaign.

DESCRIPTION: Homer Lake is 80.8 acres and was built in 1969. The lake has a maximum depth of 24 feet and an average depth of 8.4 feet. There are 2 boat ramps. More information about the Homer Lake Forest Preserve can be found at the CCFPD web page <http://www.ccfpd.org/Preserves/HomerLake.html>.

STATUS OF THE SPORT FISHERY: The IDNR Division of Fisheries has been active in the management of the fisheries in Homer Lake since the lake was constructed in 1969. The lake receives stockings of largemouth bass and channel catfish. The following information is a summary of the major sport fisheries based on periodic fish population surveys.

Largemouth Bass - During the most recent fish survey, 73 bass per hour were collected DC electrofishing. The seven-survey average is 59.5 bass per hour. Approximately 45% of the bass collected were over the 14-inch length limit. The largest bass collected weighed 4.3 pounds. Based on bass collected that were larger than 8 inches, 66% were larger than 12 inches, and 46% were larger than 15 inches.

Bluegill –Homer Lake has a large population of bluegill, but the average size is small. Anglers have a great opportunity to catch a bluegill, but may struggle to catch bluegill larger than 8 inches. Approximately 41% of the bluegill collected in the most recent fish survey were over 6 inches, but none were longer than 8 inches.

White Crappie – Homer Lake has a large number of white crappie and provides anglers with an opportunity to take home a limit of crappie. During the most recent fish survey, 138 white crappie were collected per hour of electrofishing. The 5-survey average is 82.7 white crappie per hour. Approximately 12% were longer than 8 inches and 4% were longer than 10 inches.

Channel Catfish - The State Hatchery System stocks 8-inch channel catfish into Homer Lake each year. This stocking program has produced an excellent catfish fishery. Catch rates of catfish fluctuate from survey to survey, but catch rates of anglers are consistently good. Based on data from fish surveys, the catfish are very plump. The catfish average in size from 16 inches to 25 inches.

FISHING REGULATIONS: 2 Pole and Line Fishing Only. Electric Motor Only

SPECIES	LENGTH LIMIT	DAILY CREEL LIMIT
Largemouth bass	14"	6
Channel Catfish	None	6
Crappie	9"	25

For other species, statewide regulations are in effect. For further regulation information, please consult the current Illinois Fishing Regulation Booklet.

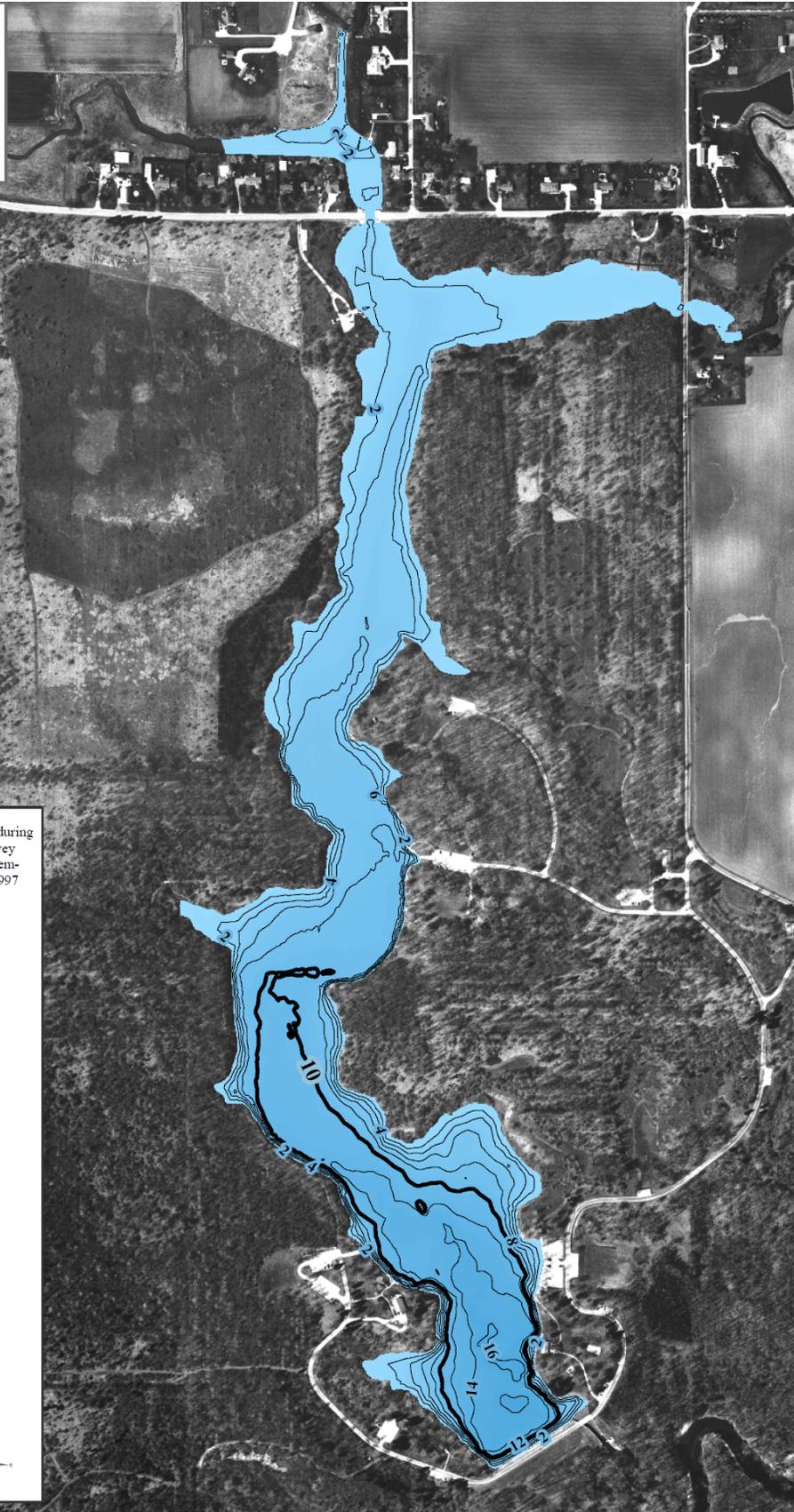
For more information: Homer Lake and general park information 217-896-2733
IDNR Fisheries 217-784-4730

Target Fish	Average Weight Of Catch (lbs)	Best Time to Fish	Habitat Areas to Fish
Largemouth Bass	2	Spring and Fall	Brush and Channels
Bluegill	1/4	May to September, Ice	Shoreline
Crappie	1/3	Spring and Fall, Ice	Brush piles and submerged structure
Channel Catfish	3 to 4	May to October	Entire lake



HOMER LAKE Water Depth

Office of Water Resources
November 6, 2009



The bathymetric survey of Homer Lake was performed during August 2009 by the Office of Water Resources. The survey was collected in the Illinois State Plane Coordinate System-East Zone using NAVD88 vertical datum and NAD83(1997 adjustment) horizontal datum.

LAKE AT NORMAL POOL

Planimetric Area: 84.9 acres
Length of Shoreline: 6.3 miles
Normal Pool: 648.9 feet
Lake Volume: 543 acre feet
Maximum Depth: 17.1 feet
Mean Depth: 6.3 feet

LAKE AREA AND VOLUME BY WATER ELEVATION

Water Elev	Area (ft ²)	Area (acres)	Volume (ft ³)	Volume (acre-feet)
648.9	3697925	84.9	23653760	543.0
648	3328850	76.4	20443090	469.3
647	2899225	66.6	17301400	397.2
646	2554500	58.6	14559200	334.2
645	2330550	53.5	12099040	277.8
644	2089550	48.0	9861677	226.4
643	1812075	41.6	7889602	181.1
642	1567625	36.0	6161272	141.4
641	1356975	31.2	4674760	107.3
640	1122850	25.8	3411410	78.3
639	889775	20.4	2381130	54.7
638	641300	14.7	1597528	36.7
637	496075	11.4	1017792	23.4
636	356475	8.2	575581	13.2
635	239000	5.5	272717	6.3
634	119825	2.8	76652	1.8
633	23075	0.5	9941	0.2
632	125	0	18	0

Contour interval of water depth is 2 feet.

