

Fish (70006900)

Area: 175.92 acres

Littoral Area: 74 acres

Shore Length: 2.3 miles

Mean Depth: N/A

Maximum Depth: 28 feet

Average Water Clarity: 3.9 feet

Choose a survey:

Standard Survey (2014-06-22)

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Water Access Information:

Administrator	Access Type	Notes	Use Type
DNR	Concrete	MN DNR Parks & Trails-owned access with gravel lot and concrete- plank ramp	Open to Public use

Fish Sampled

Filters:

all species

all gear

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
black crappie	Standard gill nets	4.33	2.5-16.5	0.31	0.1-0.3	26
black crappie	Standard trap nets	1.11	1.8-21.2	0.28	0.2-0.3	10

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
bluegill	Standard gill nets	11.00	N/A	0.22	N/A	66
bluegill	Standard trap nets	67.44	7.5-62.5	0.23	0.1-0.3	607
common carp	Standard gill nets	0.17	0.3-3.0	3.50	1.9-5.2	1
common carp	Standard trap nets	0.11	0.4-2.0	3.09	2.6-6.0	1
golden shiner	Standard gill nets	0.17	0.3-1.5	0.19	0.1-0.1	1
golden shiner	Standard trap nets	0.11	0.2-0.8	0.26	0.1-0.1	1
green sunfish	Standard trap nets	0.67	0.2-1.3	0.13	0.1-0.2	6
hybrid sunfish	Standard trap nets	2.00	N/A	0.29	N/A	18
largemouth bass	Standard gill nets	0.17	0.3-0.8	1.99	0.4-1.0	1
largemouth bass	Standard trap nets	0.22	0.2-0.7	0.23	0.2-0.9	2
northern pike	Standard gill nets	0.67	1.5-7.3	4.89	2.0-3.5	4
northern pike	Standard trap nets	0.11	N/A	6.08	N/A	1
pumpkinseed	Standard trap nets	1.67	0.7-4.2	0.20	0.1-0.2	15
walleye	Standard gill nets	0.67	1.2-6.3	0.88	1.2-2.7	4
walleye	Standard trap nets	0.78	0.3-1.2	0.82	0.8-2.8	7
white crappie	Standard trap nets	0.33	0.5-6.6	0.27	0.2-0.4	3
white sucker	Standard trap nets	0.11	0.2-1.0	0.16	1.6-2.8	1
yellow bullhead	Standard gill nets	2.33	0.5-7.5	0.64	0.5-0.8	14
yellow bullhead	Standard trap nets	1.11	0.9-5.7	0.75	0.5-0.8	10

Species	Gear	CPUE Normal Range Avg Weig		Avg Weight	Normal Range	Count
yellow perch	Standard trap nets	0.11	0.3-1.7	0.22	0.1-0.2	1
yellow perch	Standard gill nets	2.17	2.0-27.9	0.15	0.1-0.2	13

showing 23 of 23 fish samples

Length of Select Species Sampled - All Gear Combined

Number of fish caught in each category (inches)

Species	0-5	6-7	8-9	10-11	12-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
black crappie	0	8	28	0	0	0	0	0	0	0	0	0	0	36
bluegill	64	607	2	0	0	0	0	0	0	0	0	0	0	673
common carp	0	0	0	0	0	2	0	0	0	0	0	0	0	2
golden shiner	0	1	1	0	0	0	0	0	0	0	0	0	0	2
green sunfish	3	3	0	0	0	0	0	0	0	0	0	0	0	6
hybrid sunfish	2	14	2	0	0	0	0	0	0	0	0	0	0	18
largemouth bass	1	0	1	0	0	1	0	0	0	0	0	0	0	3
northern pike	0	0	0	0	0	0	0	3	2	0	0	0	0	5
pumpkinseed	4	10	0	0	0	0	0	0	0	0	0	0	0	14
walleye	0	1	0	1	6	3	0	0	0	0	0	0	0	11
white crappie	0	0	3	0	0	0	0	0	0	0	0	0	0	3
white sucker	0	1	0	0	0	0	0	0	0	0	0	0	0	1
yellow bullhead	0	1	4	14	5	0	0	0	0	0	0	0	0	24

Number of fish caught in each category (inches)

Species	0-5	6-7	8-9	10-11	12-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
yellow perch	1	11	2	0	0	0	0	0	0	0	0	0	0	14

Status of the Fishery

Fish Lake is a 171-acre Class 24 lake, located south of Prior Lake in Scott County. There is a DNR Parks and Trails-operated concrete boat launch on the north shore of the lake. The lake is primarily managed as a Walleye fishery. In 2014, a population assessment was conducted to determine the composition and abundance of game fish present.

Walleye and Northern Pike were sampled in low abundance; both species were caught at a rate of 0.67 fish per gill net, both below the 25th percentiles for this lake type. Most of the sampled Walleye originated from the 2011 fingerling stocking; the average size of Walleye was 13.9 inches and 0.88 pounds. Northern Pike, on the other hand, tended to be large-sized. The average size of Northern Pike was 28.5 inches and 4.89 pounds. The largest sampled Pike was 34.7 inches.

Bluegill are abundant in the lake. In 2014, they were caught at a rate of 67.4 fish per trap net (above the 75th percentile for this Lake Class). Forty-three percent of sampled fish exceeded 7 inches, and the largest Bluegill measured 8.2 inches. The average size of Bluegill in Fish Lake is 6.8 inches and 0.23 pounds.

Black Crappie and Yellow Perch were sampled at below-median levels for this type of lake. Black Crappie were sampled at a rate of 4.3 per gill net (between 25th percentile and median), and the average size was 8.4 inches and 0.31 pounds. Yellow Perch were sampled at a rate of 2.2 per gill net (just above 25th percentile), with an average size of 7.2 inches and 0.15 pounds.

Yellow Bullhead were sampled near median levels (2.3 fish/gill net, 1.1 fish/trap net), and displayed good size. Seventy-eight percent of the gill net sample exceeded 9 inches, and the largest fish measured 13.2 inches.

Other fish sampled in low abundance were Common Carp, Golden Shiners, Green Sunfish, Hybrid Sunfish, Largemouth Bass, Pumpkinseed, White Crappie, and White Sucker.

For More Information

West Metro Area Fisheries Supervisor 7050 E Hwy 101, Suite 100 Shakopee, MN Phone: 952-496-4141

Email: MetroWest.Fisheries@state.mn.us (mailto:MetroWest.Fisheries@state.mn.us)

Website (/areas/fisheries/westmetro/index.html)

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Lower Prior (70002600)

Area: 956.16 acres

Littoral Area: 373 acres

Shore Length: 14.73 miles

Mean Depth: N/A

Maximum Depth: 60 feet

Average Water Clarity: 10.7 feet

▼

Choose a survey:

Standard Survey (2018-07-19)

Water Access Information:

Administrator	Access Type	Notes	Use Type
DNR	Concrete	A multi-lane boat ramp is on the north side of the lake, next to Sand Point Beach	Open to Public use

Fish Sampled

Filters:

all species

all gear

▼

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
black crappie	Standard gill nets	8.00	0.5-2.7	0.32	0.2-0.4	64
black crappie	Standard trap nets	0.92	0.7-3.2	0.29	0.2-0.5	11
bluegill	Standard gill nets	19.25	N/A	0.25	N/A	154
bluegill	Standard trap nets	22.58	5.6-42.3	0.11	0.1-0.3	271

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
brown bullhead	Standard trap nets	0.17	0.3-1.5	0.90	0.6-1.0	2
brown bullhead	Standard gill nets	0.25	0.3-2.2	1.27	0.6-1.0	2
common carp	Standard gill nets	0.12	0.2-1.7	2.18	2.1-9.8	1
green sunfish	Standard trap nets	0.25	0.2-0.9	0.21	0.1-0.2	3
green sunfish	Standard gill nets	0.12	0.2-0.4	0.07	N/A	1
hybrid sunfish	Standard gill nets	2.38	N/A	0.26	N/A	19
hybrid sunfish	Standard trap nets	3.50	N/A	0.23	N/A	42
largemouth bass	Standard gill nets	2.62	0.3-1.2	0.57	0.5-1.1	21
largemouth bass	Standard trap nets	0.08	0.3-1.1	1.26	0.2-0.9	1
northern pike	Standard gill nets	3.50	3.1-8.5	1.58	1.5-2.7	28
pumpkinseed	Standard gill nets	18.62	N/A	0.25	N/A	149
pumpkinseed	Standard trap nets	1.08	1.7-8.2	0.20	0.1-0.2	13
walleye	Standard gill nets	1.38	1.3-5.5	2.90	1.2-2.4	11
white bass	Standard gill nets	0.62	0.7-1.7	1.17	N/A	5
white crappie	Standard trap nets	0.08	0.6-1.9	0.04	0.2-0.4	1
white sucker	Standard gill nets	0.12	0.5-3.5	2.33	1.6-2.4	1
white sucker	Standard trap nets	0.08	0.2-1.0	2.50	1.7-2.9	1
yellow bullhead	Standard gill nets	9.38	0.9-10.0	0.62	0.5-0.7	75
yellow bullhead	Standard trap nets	0.67	1.5-7.7	0.55	0.5-0.8	8

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
yellow perch	Standard trap nets	0.25	0.5-2.7	0.21	0.1-0.2	3
yellow perch	Standard gill nets	2.12	2.5-24.2	0.19	0.1-0.2	17

showing 25 of 25 fish samples

Length of Select Species Sampled - All Gear Combined

Number of fish caught in each category (inches)

Species	0-5	6-7	8-9	10-11	12-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
black crappie	1	25	44	5	0	0	0	0	0	0	0	0	0	75
bluegill	227	185	14	0	0	0	0	0	0	0	0	0	0	426
brown bullhead	0	0	0	1	3	0	0	0	0	0	0	0	0	4
common carp	0	0	0	0	0	1	0	0	0	0	0	0	0	1
green sunfish	2	2	0	0	0	0	0	0	0	0	0	0	0	4
hybrid sunfish	25	32	4	0	0	0	0	0	0	0	0	0	0	61
largemouth bass	1	4	7	4	6	0	0	0	0	0	0	0	0	22
northern pike	0	0	0	0	0	9	16	2	0	0	0	0	0	27
pumpkinseed	31	129	2	0	0	0	0	0	0	0	0	0	0	162
walleye	0	0	0	0	0	7	3	1	0	0	0	0	0	11
white bass	0	0	0	1	4	0	0	0	0	0	0	0	0	5
white crappie	1	0	0	0	0	0	0	0	0	0	0	0	0	1
white sucker	0	0	0	0	0	2	0	0	0	0	0	0	0	2

Number of fish caught in each category (inches)

Species	0-5	6-7	8-9	10-11	12-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
yellow bullhead	1	6	33	29	14	0	0	0	0	0	0	0	0	83
yellow perch	1	14	5	0	0	0	0	0	0	0	0	0	0	20

Status of the Fishery

Lower Prior is a 956-acre lake with a maximum depth of 60 feet. Lower Prior Lake is located west of the City of Prior Lake, in northern Scott County. It is connected via a navigable channel to Upper Prior Lake. Public access is provided by a DNR-owned boat ramp located on the north side of the lake. The lake is subject to periodic, small-scale fish die-offs associated with stressful temperature and/or oxygen levels. Crappie and sunfish are the species most often affected, and fish population levels and fish-consumption safety are not comparably worse than other regional lakes. Eurasian Watermilfoil and Zebra Mussels has been found in Lower Prior Lake and remain present.

Lower Prior is primarily managed for Walleye, but includes catchable populations of Largemouth Bass, Northern Pike, Black Crappie, and Bluegill. White Bass are also present in low numbers for anglers seeking that species. Management includes scheduled Walleye fingerling stocking in odd-numbered years; other sizes/ages are substituted if insufficient fingerlings are available. A Standard Survey (trap nets and gill nets) was conducted on Lower Prior Lake during the week of 7/19/2018. During the survey, water clarity was above average with 14 feet of visibility, with low oxygen below 34 feet.

Walleye numbers in Lower Prior were low, with 1.4/net. One factor related to low Walleye numbers was the limited availability of fish for stocking in 2015 and 2017, when fewer than 1,000 walleyes were stocked; the range from 1999-2013 was 4,900-32,900 fish. Average length of Walleye sampled in 2018 was 20.1 inches with the largest measured at 26.4 inches. Despite low numbers, anglers will find Walleye sizes very favorable.

Northern Pike were sampled at moderate numbers (3.5/net), compared to similar lakes in the area. Average size of Northern Pike was 21 inches, with the largest measured at 28.4 inches. While the majority of pike in Lower Prior are small, the new Northern Pike regulation (effective 2018) allows harvest of 2 fish greater than 24 inches.

Black Crappie were sampled with gill nets (8.0/net) and trap nets (0.9/net) near their historical ranges. There were 75 Black Crappie sampled, with an average length of 8.2 inches, and the largest measured at 11.4 inches. Over 60% of Black Crappie sampled were greater than 8 inches.

Bluegill were sampled with trap nets (22.6/net) within their historical range. There were 270 Bluegill sampled, with an average length of 5.0 inches, and a maximum length of 8.9 inches. The Bluegill population in Lower Prior is mainly composed of small individuals, but anglers still have the opportunity to catch fish greater than 8+ inches.

Largemouth Bass are present in Lower Prior Lake, although targeted boat-electrofishing did not occur during the 2018 survey. Incidental capture with trap and gill nets caught 21 Largemouth Bass, with an average length of 10.2 inches and the largest measured at 14.1 inches.

Other fish species sampled in low abundances were Brown Bullhead, Common Carp, Green Sunfish, Pumpkinseed, White Bass, White Sucker, Yellow Bullhead, and Yellow Perch.

For More Information

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Spring (70005400)

Area: 591.85 acres

Littoral Area: 290 acres

Shore Length: 4.53 miles

Mean Depth: N/A

Maximum Depth: 37 feet

Average Water Clarity: 2.7 feet

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Choose a survey:

Standard Survey (2018-07-30)

Water Access Information:

Administrator	Access Type	Notes	Use Type
DNR	Concrete	State owned access on southwest shore	Open to Public use

Fish Sampled

Filters:

all species
all gear

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
black bullhead	Standard gill nets	1.83	2.5-45.0	0.97	0.3-0.7	11
black crappie	Standard gill nets	35.33	2.5-16.5	0.20	0.1-0.3	212
black crappie	Standard trap nets	23.67	1.8-21.2	0.19	0.2-0.3	213
bluegill	Standard gill nets	1.50	N/A	0.25	N/A	9

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
bluegill	Standard trap nets	8.33	7.5-62.5	0.17	0.1-0.3	75
golden shiner	Standard gill nets	0.17	0.3-1.5	0.30	0.1-0.1	1
golden shiner	Standard trap nets	0.22	0.2-0.8	0.10	0.1-0.1	2
green sunfish	Standard trap nets	0.11	0.2-1.3	0.07	0.1-0.2	1
hybrid sunfish	Standard trap nets	0.56	N/A	0.25	N/A	5
northern pike	Standard gill nets	3.33	1.5-7.3	4.84	2.0-3.5	20
northern pike	Standard trap nets	0.33	N/A	1.71	N/A	3
pumpkinseed	Standard gill nets	0.33	N/A	0.24	N/A	2
pumpkinseed	Standard trap nets	0.56	0.7-4.2	0.24	0.1-0.2	5
walleye	Standard gill nets	6.33	1.2-6.3	3.50	1.2-2.7	38
walleye	Standard trap nets	0.22	0.3-1.2	3.61	0.8-2.8	2
white bass	Standard gill nets	0.17	0.3-3.8	2.28	N/A	1
white sucker	Standard gill nets	4.83	0.4-2.2	1.91	1.5-2.4	29
white sucker	Standard trap nets	0.33	0.2-1.0	1.90	1.6-2.8	3
yellow bullhead	Standard gill nets	12.83	0.5-7.5	0.75	0.5-0.8	77
yellow bullhead	Standard trap nets	0.56	0.9-5.7	0.98	0.5-0.8	5
yellow perch	Standard trap nets	0.22	0.3-1.7	0.10	0.1-0.2	2
yellow perch	Standard gill nets	37.83	2.0-27.9	0.13	0.1-0.2	227

Length of Select Species Sampled - All Gear Combined

Number of fish caught in each category (inches)

Species	0-5	6-7	8-9	10-11	12-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
black bullhead	0	0	1	6	4	0	0	0	0	0	0	0	0	11
black crappie	29	343	53	0	0	0	0	0	0	0	0	0	0	425
bluegill	38	46	0	0	0	0	0	0	0	0	0	0	0	84
golden shiner	1	1	1	0	0	0	0	0	0	0	0	0	0	3
green sunfish	1	0	0	0	0	0	0	0	0	0	0	0	0	1
hybrid sunfish	2	3	0	0	0	0	0	0	0	0	0	0	0	5
northern pike	0	0	0	0	0	1	5	11	5	1	0	0	0	23
pumpkinseed	0	7	0	0	0	0	0	0	0	0	0	0	0	7
walleye	0	0	0	1	0	10	28	1	0	0	0	0	0	40
white bass	0	0	0	0	0	1	0	0	0	0	0	0	0	1
white sucker	0	0	0	0	3	29	0	0	0	0	0	0	0	32
yellow bullhead	0	0	12	55	15	0	0	0	0	0	0	0	0	82
yellow perch	24	196	10	0	0	0	0	0	0	0	0	0	0	230

Status of the Fishery

Spring Lake is a 591-acre lake with a maximum depth of 37 feet. Spring Lake is located southwest of the City of Prior Lake, in northern Scott County. Public access is provided by a DNR-owned boat ramp located on the southwest side of the lake. The lake is subject to periodic, small-scale fish die-offs associated with stressful temperature and/or oxygen levels. Crappie and sunfish are the species most often affected, and fish population levels and fish-consumption safety are not comparably worse than other regional lakes. Neither

Eurasian Watermilfoil nor Zebra mussels has been found in Spring Lake, but the lake should be considered as an "infested water" due to its connection to Upper Prior Lake.

Spring is primarily managed for Walleye, but includes catchable populations of Largemouth Bass, Northern Pike, Black Crappie, Bluegill, and Yellow Perch. Management includes scheduled walleye fingerling stocking in odd-numbered years; other sizes/ages are substituted if insufficient fingerlings are available. A Standard Survey (trap nets and gill nets) was conducted on Spring Lake during the week of 7/30/2018 to assess the fishery. Spring is a highly productive lake with brown-stained water and low clarity, measured at 3 feet, with low oxygen below 14 feet.

Walleye numbers in Spring Lake were high (6.3/net), compared to similar lakes in the area. Average length of Walleye was 21.3 inches with the largest measured at 26.4 inches. Over 97% of Walleye sampled were greater than 17 inches. Walleye growth here was fast compared to the statewide average. Spring Lake is one of the better Walleye fisheries in the metro and anglers should find an abundance of Walleye with desirable sizes.

Northern Pike were sampled at moderate numbers (3.3/net), compared to similar lakes in the area. Average size of Northern Pike was 27.8 inches, with the largest measured at 35.0 inches. The majority of pike were large, with 85% of fish greater than 24 inches. This pike population is well-suited to the new statewide Northern Pike regulation (effective 2018), which allow harvest of 2 fish greater than 24 inches.

Black Crappie were sampled with gill nets (35.3/net) and trap nets (23.7/net), with both gear exceeding the average catch of similar lakes. There were 400 Black Crappie sampled, with an average length of 7.3 inches and the largest measured at 9.8 inches. High numbers of fish are likely limiting growth of Black Crappie, with only 22% of fish sampled being greater than 8 inches.

Bluegill were sampled at moderate numbers with 8.3/net. There were 75 Bluegill sampled, with an average length of 6.0 inches and the largest measured at 7.5 inches. Although low water clarity benefits species such as Walleye, Bluegill populations are likely negatively affected by this factor.

Yellow Perch numbers were high with 37.8/net. Average size of Yellow Perch was 6.8 inches, with the largest measured at 8.5 inches. Due to small size structure, Yellow Perch is seldom utilized as a sport fish here. Despite providing limited fishing opportunity, Yellow Perch provide an important forage component for Walleye and Northern Pike.

Largemouth Bass are present in Spring Lake, although targeted boat-electrofishing did not occur during the 2018 survey.

Other fish species sampled in low abundances were Black Bullhead, Brown Bullhead, Common Carp, Largemouth Bass, Golden Shiner, Green Sunfish, Pumpkinseed, White Bass, White Crappie, White Sucker, and Yellow Bullhead.

For More Information

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Email: MetroWest.Fisheries@state.mn.us (mailto:MetroWest.Fisheries@state.mn.us)

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Upper Prior (70007200)

Area: 386.26 acres

Littoral Area: 329 acres

Shore Length: 6.15 miles

Mean Depth: N/A

Maximum Depth: 50 feet

Average Water Clarity: 2.7 feet

▼

Choose a survey:

Standard Survey (2018-07-16)

Water Access Information:

Administrator	Access Type	Notes	Use Type
DNR	Concrete	Boat ramp is located on the south side of the lake off of Dewitte Ave.	Open to Public use

Fish Sampled

Filters:

all species

all gear

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Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
black bullhead	Standard gill nets	0.75	4.6-83.0	0.83	0.2-0.6	3
black crappie	Standard gill nets	12.50	0.8-11.1	0.27	0.2-0.4	50
black crappie	Standard trap nets	12.56	1.0-12.3	0.27	0.2-0.5	113
bluegill	Standard gill nets	15.50	N/A	0.20	N/A	62

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
bluegill	Standard trap nets	34.78	1.0-14.9	0.17	0.2-0.4	313
brown bullhead	Standard trap nets	0.33	0.4-9.8	1.13	0.4-0.9	3
brown bullhead	Standard gill nets	2.00	0.6-7.7	1.25	0.4-1.1	8
common carp	Standard trap nets	0.44	0.7-5.1	6.84	2.3-5.6	4
golden shiner	Standard trap nets	0.11	0.2-1.0	0.21	0.1-0.1	1
green sunfish	Standard trap nets	0.11	0.1-0.7	0.05	0.1-0.2	1
hybrid sunfish	Standard trap nets	0.78	N/A	0.28	N/A	7
largemouth bass	Standard gill nets	0.25	0.3-1.8	0.09	0.3-1.1	1
largemouth bass	Standard trap nets	0.22	0.1-0.8	0.83	0.4-1.5	2
northern pike	Standard gill nets	3.25	1.2-7.8	4.18	1.5-3.0	13
pumpkinseed	Standard gill nets	1.25	N/A	0.22	N/A	5
pumpkinseed	Standard trap nets	2.56	0.4-4.5	0.27	0.1-0.3	23
walleye	Standard gill nets	2.75	3.2-15.3	3.44	0.9-1.9	11
walleye	Standard trap nets	0.33	0.3-1.7	4.65	0.9-2.4	3
white bass	Standard gill nets	2.25	0.8-7.1	1.53	N/A	9
white bass	Standard trap nets	0.22	0.4-1.9	0.71	0.2-0.8	2
white crappie	Standard trap nets	0.11	0.5-15.9	0.32	0.2-0.5	1
white sucker	Standard gill nets	4.75	0.8-5.9	1.85	1.4-2.2	19
white sucker	Standard trap nets	0.22	0.3-1.3	3.44	1.3-2.6	2

Species	Gear	CPUE	Normal Range	Avg Weight	Normal Range	Count
yellow bullhead	Standard gill nets	5.00	0.3-3.6	0.61	0.5-0.9	20
yellow bullhead	Standard trap nets	0.78	0.5-4.1	0.38	0.4-0.8	7
yellow perch	Standard trap nets	0.11	0.3-2.6	0.16	0.1-0.3	1
yellow perch	Standard gill nets	7.75	3.0-22.5	0.14	0.1-0.4	31

showing 27 of 27 fish samples

Length of Select Species Sampled - All Gear Combined

Number of fish caught in each category (inches)

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Species	0-5	6-7	8-9	10-11	12-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
black bullhead	0	0	0	3	0	0	0	0	0	0	0	0	0	3
black crappie	11	40	112	0	0	0	0	0	0	0	0	0	0	163
bluegill	169	193	14	0	0	0	0	0	0	0	0	0	0	376
brown bullhead	0	0	0	1	10	0	0	0	0	0	0	0	0	11
common carp	0	0	0	0	0	2	0	2	0	0	0	0	0	4
golden shiner	0	0	1	0	0	0	0	0	0	0	0	0	0	1
green sunfish	1	0	0	0	0	0	0	0	0	0	0	0	0	1
hybrid sunfish	1	5	1	0	0	0	0	0	0	0	0	0	0	7
largemouth bass	1	0	1	0	1	0	0	0	0	0	0	0	0	3
northern pike	0	0	0	0	0	0	4	6	3	0	0	0	0	13
pumpkinseed	7	21	0	0	0	0	0	0	0	0	0	0	0	28

Number of fish caught in each category (inches)

Species	0-5	6-7	8-9	10-11	12-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
walleye	0	0	0	0	0	4	8	2	0	0	0	0	0	14
white bass	0	0	0	3	3	5	0	0	0	0	0	0	0	11
white crappie	0	0	1	0	0	0	0	0	0	0	0	0	0	1
white sucker	0	0	0	0	2	17	2	0	0	0	0	0	0	21
yellow bullhead	1	2	9	13	2	0	0	0	0	0	0	0	0	27
yellow perch	3	21	8	0	0	0	0	0	0	0	0	0	0	32

Status of the Fishery

Upper Prior is a 386-acre lake with a maximum depth of 50 feet. Upper Prior Lake is located west of the City of Prior Lake, in northern Scott County. It is connected via a navigable channel to Lower Prior Lake. Public access is provided by a DNR-owned boat ramp located on the south side of the lake off of Dewitte Ave. The lake is subject to periodic, small-scale fish die-offs associated with stressful temperature and/or oxygen levels. Crappie and sunfish are the species most often affected, and fish population levels and fish-consumption safety are not comparably worse than other regional lakes. Crappie species form the majority of fish in these die-offs. Eurasian Watermilfoil and Zebra Mussels has been found in Upper Prior Lake and remain present.

Upper Prior is primarily managed for Walleye, but includes catchable populations of Largemouth Bass, Northern Pike, Black Crappie, and Bluegill. White Bass are also present in low numbers for anglers seeking that species. Management includes scheduled walleye fingerling stocking in odd-numbered years; other sizes/ages and amounts are substituted if insufficient fingerlings are available. A Standard Survey (trap nets and gill nets) was conducted on Upper Prior Lake during the week of 7/16/2018. During the survey, water clarity was low-with 2.5 feet of visibility and low oxygen below 12 feet.

Walleye numbers in Upper Prior were low, with 2.8/net. One factor related to low Walleye numbers was the limited availability of fish for stocking in 2015 and 2017, when fewer than 1,000 walleyes were stocked; the range from 1999-2013 was 3,310-23,300 fish. Average length of Walleye sampled in gill nets was 21.2 inches, with the largest measured at 26.2 inches. Despite low numbers, Walleye grow fast in Upper Prior and anglers should find the sizes favorable.

Northern Pike were sampled at moderate numbers (3.3/net), compared to similar lakes in the area. Average size of Northern Pike was

26.7 inches, with the largest measured at 30.7 inches. While Upper Prior lacks the largest individuals (34+ inches), most pike are of quality size and should provide good angling opportunity. In addition, new statewide Northern Pike regulations went into effect during 2018, which allow harvest of 2 fish greater than 24 inches.

Black Crappie were sampled with gill nets (12.5/net) and trap nets (12.6/net), with both gear exceeding the average catch of similar lakes. There were 162 Black Crappie sampled, with an average length of 7.9 inches with the largest measured at 9.6 inches. Despite high numbers, over 75% of Black Crappie sampled were greater than 8 inches.

Bluegill numbers were high (34.8/net), a catch rate more than twice the catch of similar lakes in the area. There were 311 Bluegill sampled, with an average length of 5.9 inches and a maximum length of 8.5 inches. The Bluegill population in Upper Prior is mainly composed of small individuals, but anglers still have the opportunity to catch fish greater than 8+ inches.

Largemouth Bass are present in Upper Prior Lake, but there was no targeted sampling during the 2018 survey. Incidental capture with trap and gill nets caught 3 Largemouth Bass, with an average length of 9.5 inches and the largest measured at 13.2 inches.

Other fish species sampled in low abundances were Black Bullhead, Golden Shiner, Green Sunfish, Pumpkinseed, White Bass, White Sucker, Yellow Bullhead, and Yellow Perch.

For More Information

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We use <u>JSON (http://www.json.org/)</u>, a lightweight data-interchange format, to deliver the lake survey data. If you are an application developer, you can access this data to develop custom reports and products - <u>get the data (https://maps2.dnr.state.mn.us/cgi-bin/lakefinder/detail.cgi?type=lake_survey&id=70007200)</u>.

Questions?

Call 651-296-6157 or 888-MINNDNR (646-6367)

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