

Wisconsin Department of Natural Resources

2026 Lake Sturgeon Population Assessment

Winnebago System

Appendix

Date	Water Level (feet)	Water Temperature (Fahrenheit)
April 1, 2026	7.782368	44.555
April 2, 2026	7.83	42.74188
April 3, 2026	8.113125	39.86375
April 4, 2026	8.6275	39.1175
April 5, 2026	9.258333	38.94313
April 6, 2026	9.713438	41.15188
April 7, 2026	10.02219	41.0375
April 8, 2026	10.20365	41.10875
April 9, 2026	10.22771	43.33813
April 10, 2026	10.05708	46.10563
April 11, 2026	9.819375	47.60563
April 12, 2026	9.641563	48.33875
April 13, 2026	9.586875	50.86063
April 14, 2026	9.785833	55.56875
April 15, 2026	10.4425	56.42188
April 16, 2026	11.34052	55.2275
April 17, 2026	11.89094	56.63188
April 18, 2026	12.09	57.96313
April 19, 2026	11.98979	53.92813
April 20, 2026	11.72948	51.92938
April 21, 2026	11.40688	52.3775
April 22, 2026	11.07177	55.41125
April 23, 2026	10.73667	57.9725
April 24, 2026	10.3924	60.93875
April 25, 2026	10.04115	61.34938
April 26, 2026	9.719479	61.30063
April 27, 2026	9.42	60.07063
April 28, 2026	9.156875	58.19
April 29, 2026	8.916458	57.7325

April 30, 2026	8.722604	54.93875
May 1, 2026	8.530521	53.20674
May 2, 2026	8.352813	51.3356
May 3, 2026	8.18625	52.85563
May 4, 2026	8.02625	55.70938
May 5, 2026	7.864271	57.15313
May 6, 2026	7.703229	56.22688
May 7, 2026	7.535417	54.81688

Table 1. Water level in feet and water temperature in Fahrenheit taken from the USGS monitoring station of the Wolf River near New London, Wisconsin, during the spring of 2026. Moderate flood stage is water levels above 10.1 feet while major flood stage is above 11.1 feet are indicated with horizontal dashed lines. Spawning at the Shawano dam started on April 20th and ended on April 26th.

Year	Adult Female Population	Adult Female Population Lower Confidence Interval	Adult Female Population Upper Confidence Interval	Adult Male Population	Adult Male Population Lower Confidence Interval	Adult Male Population Upper Confidence Interval
1978				21899	11742	44834
1979						
1980				18604	10846	31990
1981				21791	11684	44613
1982	13136.83	7894.39	25535.66	19252	14350	25983
1983						
1984				20197	10313	41798
1985	8695.85	4662.17	17803.82	27400	16856	46265
1986	5484.28	2940.15	11228.86	24607	14345	42312
1987	7365.32	4425.91	14317.28	21050	13994	32338
1988	5785.65	3101.75	11845.86	32046	16364	66320
1989				16087	9366	31881
1990	10269.36	7191.41	15582.57	18550	15319	24264
1991				23201	14273	39175
1992				15814	8755	28319
1993	11879.06	6925.13	20426.69	13669	10015	19290
1994	4629.47	2781.76	8999.48	17443	10485	29529

1995	10991.93	7109.26	17865.80	18678	16016	22773
1996	7011.23	4292.20	12089.04			
1997	7157.90	4506.45	11930.50	16251	13233	21902
1998	10798.87	6696.59	18381.75	20075	15145	27270
1999	9843.38	5705.89	18457.22	19643	16400	25168
2000	8031.82	4917.06	13848.70	23738	18005	32043
2001	9552.05	6242.83	15283.89	26433	22568	32519
2002				19616	15891	25302
2003	7783.48	5139.70	12383.40	22744	16734	31993
2004	13882.75	9411.71	21358.61	20113	15600	26595
2005	18343.51	10400.52	35400.68	25184	20745	30997
2006	6029.30	3131.62	12694.37	23963	18937	30948
2007	19691.73	11831.54	34897.50			
2008	13592.90	9284.45	20721.41	25878	21137	34671
2009	23372.32	14494.08	39783.38	28324	23088	38117
2010	16405.83	11792.49	23536.23	39685	29523	54519
2011	19352.88	13014.77	30075.98	31493	26227	40580
2012	20085.45	11388.23	38762.33	27285	22551	33491
2013	14473.30	8860.82	24954.69	20729	16337	27052
2014	21669.63	15962.63	30201.97	20252	16611	25217
2015	21436.50	16288.89	28890.50	26286	22872	30477
2016	16966.12	10964.15	27552.45	27612	24320	31584
2017	20517.00	13677.66	32241.57	22826	19162	27644
2018	16853.48	12162.03	23315.47	23027	19590	27457
2019	16254.90	10699.09	25928.66	23570	20261	27771
2020	18841.67	12773.69	28987.72	23491	19913	28142
2021	15031.42	11735.84	18326.98	26438	22154	32069
2022	12304.35	9899.86	15575.40	25547	22476	29274
2023	18061.54	13612.96	24479.63	25190	21974	29061
2024	15583.65	9041.45	28810.56	23625	20757	27135
2025	12288.44	9138.16	17084.97	24482	19523	31564
2026	16480.53	13407.72	22221.49	23797	20453	28037

Table 2. The population estimate of the adult male lake sturgeon and adult female lake sturgeon within the Winnebago System along with the upper and lower 95% confidence intervals.

This report was compiled by:

Margaret Stadig, Winnebago Lake Sturgeon Biologist

625 E County Rd Y

Oshkosh, WI

920-410-8670

margaret.stadig@wisconsin.gov