



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

2022 WADABLE STREAMS TROUT POPULATIONS SUMMARY REPORT

UPPER FOX AND WOLF RIVER FISH MANAGEMENT AREA

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Survey Objectives

In 2022, the Wisconsin Department of Natural Resources (DNR) conducted electrofishing surveys on wadable streams located in Green Lake, Marquette, Shawano, Waushara and Waupaca counties in order to provide insight and direction for the future management of these waters. Primary sampling objectives of these surveys were to characterize relative abundance and size structure for all trout and overall ecological integrity through an index of biotic integrity (IBI) based on all fish species present in the sampled stretches. The following report is a summary of trout metrics for all streams and sites surveyed in 2022. Contact the appropriate county fisheries biologist to request them.

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Photo Credit: DNR Staff



Photo Credit: DNR Staff

Metric Descriptions

- **Catch per unit effort (CPUE)** is an indirect method of measuring fish population relative abundance. For all trout surveys, we typically quantify CPUE by the number and size of trout captured per mile of stream. CPUE indexes are compared to statewide streams by percentile (PCTL). For example, if a CPUE is in the 90th percentile, it is higher than 90% of the other CPUEs in the state. CPUE percentiles can also be used to categorize trout abundance by benchmark percentiles, with the 33rd percentile being the lowest density, the 66th percentile being moderate density, the 90th percentile being a high density and the 95th percentile being a very high density.
- The **Index of Biotic Integrity (IBI)** is a rating of environmental quality based on fish assemblages at the site. Scores of 90-100 would indicate excellent quality while scores less than 30 would indicate poor quality. Our analysis utilizes the IBI for Wisconsin coldwater streams where the maximum daily mean water temperature is usually less than 22°C (71.6°F). Coolwater and warmwater IBIs may be summarized for some sites as appropriate.
- **Length frequency distribution** is a graphical representation of the percentage of fish captured by 1-inch size intervals.

Survey Methods

All streams are sampled according to the DNR's wadable streams monitoring protocols.

- TREND survey sites are sampled annually while ROTATION sites are sampled on a rotational frequency (three, six or twelve years).
- All sampling sites are electrofished with either a towed barge or backpack electrofishing unit.
- Sampling distance is at least 35 times the mean stream width or a minimum of 330 feet (100 meters), whichever is greater.
- All gamefish are identified to species, measured for length and examined for fin-clips. In at least one survey site per stream, all fish species are collected and counted. If multiple sites are designated for a stream, only one site needs to be sampled for all fish.
- Metrics used to describe fish populations include catch per unit effort (CPUE), length frequency distribution and index of biotic integrity (IBI).

Acknowledgements and Notes

We would like to thank Paige Johnson, Aaron O'Connell, Scott Bunde, Trevor Hoheisel, Adam Nickel and Elliot Hoffman, who were the primary crew members responsible for daily stream survey work and data entry/analysis. There were also other staff, too numerous to list, who helped to complete these surveys throughout the summer. Their assistance was greatly appreciated.

This past survey season the Upper Fox and Wolf River work unit was able to survey 8.6 miles of stream. 2,058 brook trout, 4,813 brown trout and 12 rainbow trout were handled, along with many other species of fish which were used to calculate the IBI scores on the various stretches of stream.



2022 WADABLE STREAMS TROUT POPULATIONS SUMMARY REPORT

STREAM SURVEY LOCATIONS AND SITE INFORMATION

SURVEY SITE INFORMATION

Stream	County	Survey Type (Years between Surveys)	Site location	Survey Date	Station Length (feet)	GPS (Start/Finish)	Gear	Dippers
Little Wolf River	Waupaca	Trout - Trend	Ness Road Trend	7/6/2022	3000	44.6177, -89.1645 44.6213, -89.1730	Towed Barge Shocker	3
Mill Creek	Shawano	Trout - Trend	Winkle Road Trend	7/27/2022	1250	44.8115, -88.8216 44.8132, -88.8228	Towed Barge Shocker	3
North Branch Embarrass	Shawano	Trout - Trend	CTH D Trend	7/25/2022	2000	44.9034, -89.0344 44.9056, -89.0366	Towed Barge Shocker	3
Peterson Creek	Waupaca	Trout - Trend	Jensen Road Trend	7/26/2022	2000	44.3589, -89.1681 44.4354, -89.1768	Towed Barge Shocker	3
Radley Creek	Waupaca	Trout - Trend	HWY 22 Trend	7/28/2022	2000	44.2767, -89.1681 44.2759, -89.1928	Towed Barge Shocker	3
Waupaca River	Waupaca	Trout - Trend	CTH Q Trend	9/07/2022	4000	44.3806, -89.1785 44.3740, -89.1852	2X Towed Barge Shockers	6
Bird Creek	Waushara	Special Study	HWY 21 - Footbridge	8/20/2022	800	44.06858, -89.30278 44.06959, -89.30384	Towed Barge Shocker	3
Bird Creek	Waushara	Special Study	Footbridge - River Road	8/20/2022	1500	44.06959, -89.30384 44.07181, -89.30345	Towed Barge Shocker	3
Bird Creek	Waushara	Trout - Rotation (6)	16th Ave.	9/8/2/22	330	44.0753, -89.30761 44.07575, -89.30821	Towed Barge Shocker	3
Bird Creek	Waushara	Trout - Rotation (6)	HWY 22	9/8/2022	330	44.06362, -89.29639 44.06384, -89.2972	Towed Barge Shocker	3
Bowers Creek	Waushara	Trout - Rotation (6)	CTH C	9/8/2022	330	44.07736, -89.30573 44.07731, -89.30585	Towed Barge Shocker	3
Bowers Creek	Waushara	Trout - Rotation (6)	River Road	9/8/2022	330	44.07222, -89.3036 44.07254, -89.30277	Towed Barge Shocker	3
Bruce Creek	Waushara	Trout - Rotation (12)	CTH Z - Upstream	8/29/2022	100	-	Backpack Shocker	1
Bruce Creek	Waushara	Trout - Rotation (12)	CTH Z - Downstream	8/29/2022	330	44.06004, -89.1586	Backpack Shocker	1
Bruce Creek	Waushara	Trout - Rotation (12)	CTH S	7/27/2022	504	44.05473, -89.14377	Towed Barge Shocker	3
Engibretson Creek	Waupaca	Trout - Rotation (12)	CTH E	7/14/2022	413	44.44917, -89.03158 44.45085, -89.03218	Backpack Shocker	1
Engibretson Creek	Waupaca	Trout - Rotation (12)	Black Lake Road	7/14/2022	330	44.46957, -89.08128 44.46941, -89.08245	Backpack Shocker	1
Jackson Creek	Waupaca	Trout - Rotation (6)	Kluck Road	9/1/2022	380	44.67057, -89.16588 44.67127, -89.16579	Backpack Shocker	1
Jackson Creek	Waupaca	Trout - Rotation (6)	Confluence w/ Little Wolf River	9/1/2022	380	44.6456, -89.18567 44.64656, -89.18557	Backpack Shocker	1
Little Silver Creek	Waushara	Trout - Rotation (6)	26th Lane	7/28/2022	330	44.13605, -89.09254 44.13563, -89.09294	Towed Barge Shocker	3
Little Silver Creek	Waushara	Trout - Rotation (6)	28th Court	7/28/2022	485	44.13800, -89.05773 44.13792, -89.05914	Towed Barge Shocker	3
Little Silver Creek	Waushara	Trout - Rotation (6)	CTH EE	7/28/2022	330	44.13146, -89.11397 44.13173, -89.11484	Towed Barge Shocker	3
Mill Creek	Shawano	Trout - Rotation (6)	Schoolhouse Road - Upstream	7/21/2022	330	44.35564, -88.9027 44.85647, -88.9027	Backpack Shocker	1
Mill Creek	Shawano	Trout - Rotation (6)	Schoolhouse Road - Downstream	7/21/2022	428	44.85473, -88.90247 44.85546, -88.90263	Backpack Shocker	1
Mill Creek	Shawano	Trout - Rotation (6)	Campground Road	7/21/2022	367	44.83494, -88.86397 44.83553, -88.86430	Backpack Shocker	1
Mill Creek	Shawano	Trout - Rotation (6)	CTH G	7/21/2022	463	44.81668, -88.83788 44.81773, -88.83661	Backpack Shocker	1
Mill Creek	Shawano	Trout - Rotation (6)	HWY 29	8/4/2022	543	44.79573, -88.80778 44.79638, -88.80717	Towed Barge Shocker	3
Mill Creek	Shawano	Trout - Rotation (6)	CTH M	8/4/2022	802	44.76205, -88.77452 44.76294, -88.77682	Towed Barge Shocker	3
Mill Creek	Shawano	Trout - Rotation (6)	Willow Creek Road	8/4/2022	686	44.75547, -88.75677 44.75662, -88.75777	Towed Barge Shocker	3
Mill Creek	Shawano	Trout - Rotation (6)	Mill Creek Road	8/4/2022	942	44.74361, -88.74889 44.74428, -88.74709	Towed Barge Shocker	3
Trout Nace Creek	Waupaca	Trout - Rotation (6)	HWY 161	7/28/2022	390	44.50731, -89.14881 44.50797, -89.14896	Towed Barge Shocker	3
Trout Nace Creek	Waupaca	Trout - Rotation (6)	Trout Creek Road	7/28/2022	516	44.51115, -89.18179 44.51092, -89.18346	Towed Barge Shocker	3
Railroad Creek	Shawano	Trout - Rotation (12)	Western Avenue	7/12/2022	330	44.90305, -89.21029 44.90258, -89.21064	Backpack Shocker	1
Railroad Creek	Shawano	Trout - Rotation (12)	Railroad Grade near Balsam Street	7/12/2022	330	44.87655, -89.21257 44.87743, -89.21276	Backpack Shocker	1



2022 WADABLE STREAMS TROUT POPULATIONS SUMMARY REPORT

STREAM SURVEY LOCATIONS AND SITE INFORMATION

SURVEY SITE INFORMATION - CONTINUED

Stream	County	Survey Type (Years between Surveys)	Site location	Survey Date	Station Length (feet)	GPS (Start/Finish)	Gear	Dippers
Sannes Creek	Waupaca	Trout - Rotation (12)	Foley Road - Upstream	7/14/2022	330	44.43069, -89.20914 44.43084, -89.21837	Backpack Shocker	1
Sannes Creek	Waupaca	Trout - Rotation (12)	Foley Road - Downstream	7/14/2022	330	44.43077, -89.20823 44.4307, -89.20905	Backpack Shocker	1
South Branch Embarrass River	Shawano	Trout - Rotation (12)	CTH OO - North	7/06/2022	727	44.85250, -88.22368 44.85386, -89.2249	Towed Barge Shocker	3
South Branch Embarrass River	Marathon	Trout - Rotation (12)	CTH 00 and HWY 29	7/6/2022	742	44.82796, -89.22444 44.82931, -89.22621	Towed Barge Shocker	3
South Branch Embarrass River	Shawano	Trout - Rotation (12)	Nightingale Road – Upstream	7/6/2022	948	44.82545, -89.21482 44.82629, -89.21742	Towed Barge Shocker	3
South Branch Embarrass River	Shawano	Trout - Rotation (12)	Nightingale Road - Downstream	7/11/2022	837	44.82420, -89.21200 44.82538, -89.21422	Towed Barge Shocker	3
South Branch Embarrass River	Shawano	Trout - Rotation (12)	Elm Road	7/11/2022	872	44.80535, -89.19492 44.80697, -89.19547	Towed Barge Shocker	3
South Branch Embarrass River	Shawano	Trout - Rotation (12)	CTH M - Near HWY 153	8/2/2022	1292	44.78682, -89.17963 44.78533, -89.18379	Towed Barge Shocker	3
South Branch Embarrass River	Shawano	Trout - Rotation (12)	Springbrook Road	7/6/2022	1015	44.73756, -89.12861 44.73581, -89.13153	Towed Barge Shocker	3
South Branch Embarrass River	Shawano	Trout - Rotation (12)	CTH M - Near Tigerton	6/29/2022	1071	44.73131, -89.10200 44.73381, -89.10175	Towed Barge Shocker	3
South Branch Pigeon River	Waupaca	Trout - Rotation (12)	Brewer Road - Downstream	8/1/2022	515	44.66155, -88.99352 44.66253, -88.99299	Towed Barge Shocker	3
South Branch Pigeon River	Waupaca	Trout - Rotation (12)	Brewer Road - Upstream	8/1/2022	490	44.66296, -88.99304 44.66380, -88.99223	Towed Barge Shocker	3
South Branch Pigeon River	Shawano	Trout - Rotation (12)	CTH EE - Downstream	8/1/2022	454	44.68225, -89.00208 44.68346, -89.00214	Towed Barge Shocker	3
South Branch Pigeon River	Shawano	Trout - Rotation (12)	CTH EE - Upstream	8/1/2022	508	44.68346, -89.00214 44.68464, -89.00323	Towed Barge Shocker	3
South Branch Pigeon River	Shawano	Trout - Rotation (12)	Fairview Lane	8/2/2022	354	44.69162, -89.01308 44.69115, -89.01237	Towed Barge Shocker	3
South Branch Pigeon River	Shawano	Trout - Rotation (12)	Split Rock Road	8/2/2022	451	44.70318, -89.02755 44.70402, -89.02881	Towed Barge Shocker	3
South Fork Blake Creek	Waupaca	Trout - Rotation (12)	CTH E	7/12/2022	330	44.53924, -89.02353 44.53897, -89.02444	Towed Barge Shocker	3
Tributary to Red River	Shawano	Trout - Rotation (12)	CTH A	7/19/2022	330	44.86339, -88.83094 44.86253, -88.83173	Towed Barge Shocker	3
White River	Waushara	Trout - Rotation (6)	River Road	8/4/2022	900	44.07144, -89.28995 44.07195, -89.29123	Towed Barge Shocker	3
White River	Waushara	Trout - Rotation (6)	Chicago Road	8/4/2022	950	44.05811, -89.29160 44.05958, -89.29175	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	Beechnut Avenue	7/26/2022	443	44.14123, -89.18965 44.14211, -89.18979	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	21st Drive	7/26/2022	617	44.15807, -89.19762 44.15841, -89.19910	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	Bighorn Avenue	7/26/2022	647	44.12656, -89.17483 44.12538, -89.17515	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	CTH G	7/27/2022	423	44.16568, -89.22921 44.16504, -89.22960	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	CTH S and CTH Z	7/20/2022	745	44.07557, -89.14744 44.07682, -89.14748	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	Park Street	7/20/2022	759	44.04895, -89.10569 44.04795, -89.10619	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	CTH W	7/26/2022	542	44.11974, -89.17248 44.12075, -89.17246	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	Brown Deer Road	7/20/2022	686	44.09384, -89.13456 44.09433, -89.13377	Towed Barge Shocker	3
Willow Creek	Waushara	Trout - Rotation (6)	CTH S	7/20/2022	857	44.05399, -89.14153 44.05524, -89.14205	Towed Barge Shocker	3



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2022 WADABLE STREAMS TROUT POPULATIONS SUMMARY REPORT

BROWN TROUT DATA SUMMARY

TREND SITES CATCH PER EFFORT BY MILE - BROWN TROUT

Stream	Site Location	Average Length and (Range)	Total and (PCTL)	Young of Year	>6" (PCTL)	>8" (PCTL)	>10" (PCTL)	>12" (PCTL)	>15" (PCTL)
Little Wolf River	Ness Road	7.6 (2.5 - 17.0)	53 (34th)	5	39 (37th)	14 (29th)	11 (38th)	11 (52nd)	7 (75th)
Mill Creek	Winkle Road	8.4	4 (3rd)	-	4 (6th)	4 (15th)	-	-	-
North Branch Embarrass River	CTH D	7.6 (2.6 - 19.8)	105 (45th)	8	92 (54th)	24 (38th)	11 (38th)	3 (39th)	3 (66th)
Peterson Creek	Jensen Road	9.1 (2.1 - 21.0)	1013 (87th)	121	711 (82nd)	474 (86th)	326 (95th)	208 (98th)	18 (91st)
Radley Creek	HWY22	8.0 (2.0 - 19.4)	1382 (91st)	108	897 (85th)	616 (95th)	218 (90th)	68 (87th)	13 (86th)
Waupaca River	CTH Q	9.0 (2.4 - 20.6)	684 (81st)	147	463 (74th)	279 (85th)	165 (86th)	108 (93rd)	43 (98th)

ROTATION SITES CATCH PER EFFORT BY MILE - BROWN TROUT

Stream	Site Location	Average Length and (Range)	Total and (PCTL)	Young of Year (YOY)	>6" (PCTL)	>8" (PCTL)	>10" (PCTL)	>12" (PCTL)	>15" (PCTL)
Bird Creek	16th Avenue	6.5 (3.5 - 9.1)	383 (70th)	33	200 (70th)	33 (45th)	-	-	-
Bird Creek	HWY 21 to Walk Bridge	7.0 (2.7 - 13.4)	1835 (94th)	106	1254 (97th)	667 (95th)	158 (85th)	13 (56th)	-
Bird Creek	Walk Bridge to River Road	7.5 (3.0 - 17.4)	1496 (92nd)	63	866 (93rd)	401 (90th)	148 (84th)	11 (52nd)	4 (68th)
Bird Creek	HWY 22	7.5 (2.9 - 11.6)	1333 (91st)	50	1083 (96th)	517 (93rd)	117 (81st)	-	-
Bowers Creek	CTH C	7.3 (2.6 - 12.8)	2167 (95th)	217	1183 (97th)	600 (94th)	183 (88th)	33 (72nd)	-
Bowers Creek	River Road	6.6 (3.1 - 11.4)	1767 (93rd)	200	717 (91st)	417 (91st)	117 (81st)	-	-
Bruce Creek	CTH S	6.7 (2.7 - 10.4)	131 (48th)	25	100 (56th)	38 (47th)	13 (40th)	6 (44th)	-
Bruce Creek	CTH Z	8.9 (5.4 - 12.4)	50 (32nd)	-	33 (35th)	33 (45th)	17 (46th)	17 (61st)	-
Little Silver Creek	26th Lane	12.3 (7.4 - 22.5)	373 (69th)	43	187 (68th)	67 (57th)	27 (53rd)	13 (56th)	7 (75th)
Little Silver Creek	28th Court	5.7 (2.6 - 10.0)	556 (77th)	267	244 (75th)	68 (57th)	11 (38th)	-	-
Mill Creek	HWY 29	7.7	10 (10th)	-	10 (15th)	-	-	-	-
Mill Creek	CTH M	6.5 (2.2 - 9.7)	40 (29th)	7	20 (25th)	7 (20th)	-	-	-
Mill Creek	Willow Creek Road	7.2 (2.5 - 16.2)	223 (59th)	15	154 (64th)	23 (38th)	23 (51st)	23 (65th)	8 (77th)
Mill Creek	Mill Creek Road	8.2 (2.2 - 22.1)	322 (66th)	128	168 (65th)	78 (60th)	61 (68th)	50 (82nd)	39 (97th)
Trout Nace Creek	Trout Creek Road	7.5 (2.0 - 17.0)	2310 (95th)	650	1030 (96th)	680 (95th)	400 (97th)	200 (98th)	100 (100th)
Trout Nace Creek	HWY 161	8.7 (4.2 - 16.6)	700 (81st)	-	457 (85th)	329 (87th)	214 (90th)	114 (94th)	43 (98th)
Sannes Creek	Foley Road - Downstream	5.2 (2.1 - 10.6)	384 (70th)	64	64 (47th)	32 (44th)	16 (43rd)	-	-
Sannes Creek	Foley Road - Upstream	5.2 (2.2 - 8.6)	336 (66th)	32	64 (47th)	16 (31st)	-	-	-
South Branch Embarrass River	CTH OO - North	6.5 (2.2 - 12.0)	86 (42nd)	7	64 (47th)	14 (29th)	7 (32nd)	7 (46th)	-
South Branch Embarrass River	CTH 00 and HWY 29	6.8 (5.0 - 11.2)	214 (58th)	-	114 (59th)	29 (42nd)	14 (41st)	-	-
South Branch Embarrass River	Nightingale Road - Upstream	5.9 (5.4 - 6.8)	17 (17th)	-	6 (9th)	-	-	-	-
South Branch Embarrass River	Nightingale Road - Downstream	9.0 (5.4 - 13.2)	76 (40th)	-	69 (48th)	44 (50th)	19 (48th)	19 (62nd)	-
South Branch Embarrass River	Elm Road	7.4 (1.4 - 15.4)	88 (42nd)	6	6 (9th)	6 (19th)	6 (31st)	6 (44th)	6 (73rd)
South Branch Embarrass River	CTH M - Near HWY 153	7.5 (2.3 - 15.2)	333 (66th)	50	179 (67th)	79 (60th)	42 (60th)	33 (73rd)	4 (68th)
South Branch Embarrass River	Springbrook Road	9.5 (4.3 - 15.8)	100 (44th)	-	79 (51st)	58 (54th)	47 (62nd)	26 (67th)	11 (83rd)
South Branch Embarrass River	CTH M - Near Tigerton	8.2 (5.6 - 14.2)	325 (66th)	-	315 (79th)	65 (57th)	30 (55th)	10 (50th)	-
White River	River Road	7.6 (2.7 - 13.4)	1853 (94th)	106	1671 (98th)	1100 (98th)	347 (96th)	41 (77th)	-
White River	Chicago Road	8.2 (3.0 - 13.4)	1767 (93rd)	22	1683 (98th)	817 (97th)	317 (95th)	28 (68th)	-



2022 WADABLE STREAMS TROUT POPULATIONS SUMMARY REPORT

BROWN TROUT DATA SUMMARY - Continued

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ROTATION SITES CATCH PER EFFORT BY MILE - BROWN TROUT

Stream	Site Location	Average Length and (Range)	Total and (PCTL)	YOY	>6" (PCTL)	>8" (PCTL)	>10" (PCTL)	>12" (PCTL)	>15" (PCTL)
Willow Creek	Beechnut Avenue	6.5 (2.0 - 14.2)	2438 (96th)	1038	900 (94th)	325 (87th)	125 (82nd)	38 (76th)	-
Willow Creek	21st Drive	7.4 (2.3 - 15.4)	1242 (89th)	117	600 (89th)	383 (90th)	150 (85th)	42 (78th)	8 (77th)
Willow Creek	Bighorn Avenue	7.5 (3.0 - 12.0)	525 (76th)	8	417 (83rd)	108 (67th)	33 (57th)	8 (47th)	-
Willow Creek	CTH G	4.5 (1.9 - 8.8)	3163 (97th)	2338	175 (66th)	50 (52nd)	-	-	-
Willow Creek	CTH S and CTH Z	7.7 (2.7 - 14.8)	227 (59th)	35	163 (65th)	64 (56th)	43 (61st)	28 (68th)	-
Willow Creek	Park Street	5.7 (2.3 - 12.8)	71 (39th)	29	29 (31st)	14 (29th)	7 (32nd)	7 (46th)	-
Willow Creek	CTH W	7.1 (2.0 - 16.6)	1560 (92nd)	610	750 (92nd)	300 (86th)	170 (87th)	70 (87th)	20 (92nd)
Willow Creek	Brown Deer Road	8.4 (3.3 - 14.6)	115 (46th)	8	92 (54th)	54 (53rd)	39 (60th)	23 (65th)	-
Willow Creek	CTH S	8.3 (2.9 - 18.8)	269 (62nd)	6	219 (72nd)	119 (69th)	56 (66th)	13 (56th)	6 (73rd)



All Photos were taken by DNR Staff



2022 WADABLE STREAMS TROUT POPULATIONS SUMMARY REPORT

BROOK TROUT DATA SUMMARY

TREND SITES CATCH PER EFFORT BY MILE - BROOK TROUT

Stream	Site Location	Average Length and (Range)	Total (PCTL)	Young of Year (YOY)	>5" (PCTL)	>8" (PCTL)	>10" (PCTL)	>12" (PCTL)
Little Wolf River	Ness Road	5.8 (2.2 - 10.0)	286 (58th)	70	184 (67th)	37 (67th)	2 (62nd)	-
Mill Creek	Winkle Road	5.8 (2.0 - 9.6)	967 (86th)	92	788 (95th)	54 (76th)	-	-
North Branch Embarrass River	CTH D	6.0 (2.0 - 10.0)	916 (85th)	337	561 (90th)	61 (78th)	3 (63rd)	-
Peterson Creek	Jensen Rd.	5.6 (2.4 - 7.7)	21 (15th)	3	16 (18th)	-	-	-

ROTATION SITES CATCH PER EFFORT BY MILE - BROOK TROUT

Stream	Site Location	Average Length and Range (Inches)	Total (PCTL)	Young of Year (YOY)	>5" (PCTL)	>8" (PCTL)	>10" (PCTL)	>12" (PCTL)
Bruce Creek	CTH S	4.6 (3.2 - 7.0)	40 (23rd)	30	10 (11th)	-	-	-
Bruce Creek	CTH Z	4.4	17 (14th)	-	-	-	-	-
Engibretson Creek	Black Lake Road	3.4 (2.0 - 8.0)	117 (40th)	100	17 (21st)	-	-	-
Jackson Creek	Kluck Road	5.5 (2.7 - 8.8)	500 (71st)	129	343 (82nd)	71 (81st)	-	-
Jackson Creek	Confluence w/ Little Wolf River	4.9 (2.1 - 9.8)	443 (68th)	157	243 (73rd)	29 (60th)	-	-
Little Silver Creek	26th Lane	8.4 (6.6 - 12.6)	367 (64th)	43	324 (81st)	71 (81st)	10 (75th)	10 (95th)
Little Silver Creek	28th Court	7.1 (2.5 - 12.8)	111 (38th)	11	100 (52nd)	33 (65th)	11 (76th)	11 (95th)
Little Silver Creek	CTH EE	6.3 (2.5 - 9.0)	1000 (87th)	133	867 (95th)	150 (92nd)	-	-
Mill Creek	Campground Road	5.1 (2.2 - 7.8)	200 (50th)	14	143 (60th)	-	-	-
Mill Creek	CTH G	4.3 (2.0 - 7.2)	322 (61st)	144	11 (13th)	-	-	-
Mill Creek	HWY 29	7.5 (6.0 - 10.0)	150 (44th)	-	150 (61st)	40 (68th)	10 (75th)	-
Mill Creek	CTH M	4.6 (2.0 - 8.0)	493 (71st)	360	33 (31st)	7 (34th)	-	-
Mill Creek	Willow Creek Road	7.0 (3.1 - 8.2)	315 (60th)	-	308 (79th)	39 (68th)	8 (72nd)	8 (93rd)
Mill Creek	Mill Creek Road	7.0 (3.1 - 8.2)	56 (28th)	6	50 (38th)	11 (40th)	-	-
Trout Nace Creek	Trout Creek Road	4.0 (2.6 - 6.7)	140 (43rd)	80	50 (38th)	-	-	-
Railroad Creek	Western Avenue	7.9 (6.1 - 9.8)	100 (37th)	-	100 (52nd)	50 (74th)	-	-
Railroad Creek	Railroad Grade by Balsam Street	6.6 (5.0 - 8.5)	150 (44th)	-	150 (61st)	17 (51st)	-	-
Sannes Creek	Foley Road - Downstream	5.3 (2.0 - 7.6)	64 (29th)	16	32 (29th)	-	-	-
Sannes Creek	Foley Road - Upstream	6.9 (5.2 - 9.3)	160 (46th)	32	160 (63rd)	48 (73rd)	-	-
South Branch Embarrass River	CTH OO - North	5.8 (1.8 - 12.2)	1543 (93rd)	793	593 (91st)	150 (92nd)	29 (90th)	7 (93rd)
South Branch Embarrass River	CTH 00 and HWY 29	5.9 (2.0 - 10.6)	1500 (92nd)	293	1050 (97th)	157 (93rd)	7 (70th)	-
South Branch Embarrass River	Nightingale Road - Upstream	6.0 (2.2 - 10.4)	317 (61st)	50	228 (71st)	50 (74th)	6 (69th)	-
South Branch Embarrass River	Nightingale Road - Downstream	7.3 (2.0 - 12.8)	423 (67th)	25	360 (83rd)	145 (92nd)	38 (94th)	13 (96th)
South Branch Embarrass River	Elm Road	8.1 (6.4 - 11.0)	88 (34th)	6	82 (48th)	47 (72nd)	12 (78th)	-
South Branch Embarrass River	CTH M - Near HWY 153	6.6 (2.6 - 8.4)	46 (25th)	4	42 (35th)	4 (30th)	-	-
South Branch Embarrass River	Springbrook Road	7.9	5 (2nd)	-	5 (6th)	-	-	-
South Branch Embarrass River	CTH M - Near Tigerton	8.1 (7.2 - 9.8)	25 (17th)	-	25 (25th)	15 (45th)	-	-
South Branch Pigeon River	Brewer Road - Downstream	5.4 (2.2 - 8.5)	390 (66th)	72	256 (75th)	21 (54th)	-	-
South Branch Pigeon River	Brewer Road - Upstream	6.3 (2.5 - 10.2)	647 (77th)	54	506 (89th)	97 (87th)	11 (76th)	-
South Branch Pigeon River	CTH EE - Downstream	5.5 (2.0 - 10.8)	686 (78th)	186	372 (84th)	35 (66th)	12 (78th)	-
South Branch Pigeon River	CTH EE - Upstream	5.3 (2.0 - 9.6)	956 (86th)	385	509 (89th)	52 (74th)	-	-
South Branch Pigeon River	Fairview Lane	5.6 (2.0 - 11.2)	757 (81st)	200	471 (88th)	71 (81st)	14 (80th)	-
South Branch Pigeon River	Split Rock Road	6.2 (2.5 - 8.7)	244 (55th)	33	211 (70th)	22 (55th)	-	-
South Fork Blake Creek	CTH E	4.0 (2.1 - 7.4)	117 (40th)	67	50 (38th)	-	-	-
Unnamed Tributary to Red River	CTH A	7.3 (7.0 - 7.5)	33 (20th)	-	33 (31st)	-	-	-



2022 WADABLE STREAMS TROUT POPULATIONS SUMMARY REPORT

BROOK TROUT AND RAINBOW TROUT DATA SUMMARY

ROTATION SITES CATCH PER EFFORT BY MILE - BROOK TROUT

Stream	Site Location	Average Length and Range (Inches)	Total (PCTL)	YOY	>5" (PCTL)	>8" (PCTL)	>10" (PCTL)	>12" (PCTL)
Willow Creek	Beechnut Avenue	3.9 (2.7 - 7.2)	63 (29th)	50	13 (15th)	-	-	-
Willow Creek	Bighorn Avenue	5.9 (3.4 - 7.7)	25 (17th)	8	17 (21st)	-	-	-
Willow Creek	CTH G	4.5 (2.4 - 6.5)	25 (17th)	13	13 (15th)	-	-	-
Willow Creek	CTH W	7.6	10 (6th)	-	10 (11th)	-	-	-

CATCH PER EFFORT BY MILE - RAINBOW TROUT

Stream	Site Location	Average Length and Range (Inches)	Total	YOY	>5"	>8"	>10"	>12"
Bird Creek	HWY 21 to Walking Bridge	6.2 (1.9 - 11.2)	33	13	20	13	7	-
Bird Creek	Walking Bridge to River Road	7.2 (6.1 - 8.3)	7	-	7	4	-	-
White River	Chicago Road	6.3 (5.9 - 7.0)	17	-	17	-	-	-
South Branch Embarrass River	Elm Road	7.4 (5.2 - 9.6)	12	-	12	6	-	-

