



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

2024 Trout Survey Report Adams, Juneau and Wood Counties

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Introduction And Objectives

In 2024, the Department of Natural Resources conducted electrofishing surveys on wadable streams in our area. These surveys provide data for management of these waters.

Sampling objectives of these surveys were to assess relative abundance and size structure of trout species. The following report is a summary of all trout data collected on streams sites surveyed this year.



Photo Credit: Wisconsin DNR

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Adams, Juneau, Wood Counties

Trout Stream Count: 42
Trout Stream Miles: 283
Class 1: 101 mi
Class 2: 103 mi
Class 3: 74 mi

Survey Methods

- All streams are sampled according to DNR wadable streams monitoring protocols.
- Metrics used to describe trout populations include average length, catch per unit effort (CPUE) and length frequency distribution.
- Trend survey sites are sampled annually, rotation sites are sampled on a rotational frequency (3, 6 or 12 years) and special study sites are added as needed for various management purposes.
- Sampling distance is at least 35 times the mean stream width or a minimum of 100 meters.
- All trout are identified to species and measured for length.
- All sampling sites are electrofished with a towed barge or backpack shocker with one to three dippers.

Metric Descriptions

- **Catch per unit effort (CPUE)** is a method of quantifying fish population relative abundance. For all trout surveys, we typically quantify CPUE as the number of a given size class of trout captured per mile of stream. CPUE indexes are compared to other trout streams throughout Wisconsin by percentile (PCTL). For example, if a CPUE is in the 90th percentile, the CPUE is higher than 90% of the other CPUEs in the state. CPUE percentiles can also be used to categorize trout abundance as low density (<33rd percentile), moderate density (33rd - 66th percentile), high density (66th - 90th percentile) and very high density (>90th percentile).
- **Length frequency distribution** is a graphical representation of the number or percentage of fish captured by half-inch or one-inch size intervals.



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Survey Site Locations and Site Information

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SURVEY SITE INFORMATION

Stream Name	Survey Date	County	Site Location	Class	Survey Type	Station Length (ft.)	Shocker Type	Dippers	Water Temp (F°)
Big Roche A Cri Creek	9/9/2024	Adams	Archer Dr. (1999 Trout hab. site)	I	Trout - Trend	4700	Barge	3	52.2
Big Roche A Cri Creek	9/11/2024	Waushara	1st Avenue	i	Trout - Trend	330	Barge	3	56.1
Little Roche A Cri Creek	7/22/2024	Adams	8th Drive	I	Trout - Trend	510	Barge	3	59.9
Neenah Creek	7/22/2024	Adams	Upstream of Peppermill Creek.	I	Trout - Trend	1300	Barge	3	57.2
Fordham Creek	8/13/2024	Adams	CTH J (West)	I	Trout - Trend	2200	Barge	3	51.9
Fordham Creek	7/25/2024	Adams	8th Drive	I	Trout - Trend	550	Barge	3	53.2
Fordham Creek	7/25/2024	Adams	6th Court	I	Trout- Rotational	550	Barge	3	52.3
Little Roche A Cri Creek	7/18/2024	Adams	8th Avenue	I	Trout- Rotational	500	Barge	3	58.0
Little Roche A Cri Creek	7/22/2024	Adams	STH 21	UC	Trout- Rotational	328	Barge	3	58.5
Little Roche A Cri Creek	7/18/2024	Adams	Cypress Avenue	II	Trout- Rotational	393	Barge	3	NA
Little Roche A Cri Creek	8/13/2024	Adams	10th Ave (north of CTH J)	I	Trout- Rotational	1060	Barge	3	58.6
Carter Creek	7/23/2024	Adams	Above Cty Trk G	I	Trout- Rotational	328	Backpack	1	58.8
Carter Creek	7/23/2024	Waushara	1st Avenue	I	Trout- Rotational	328	Backpack	1	57.4
Carter Creek	7/23/2024	Waushara	2nd Avenue	I	Trout- Rotational	328	Backpack	1	56.8
Tenmile Creek	9/10/2024	Wood	Rangeline Rd (Bridge)	II	Trout- Rotational	930	Barge	3	55.4
Tenmile Creek	9/10/2024	Wood	Bell Rd (Site 2)	III	Trout- Rotational	975	Barge	3	57.4
Tenmile Creek	9/11/2024	Wood	Wis. River. to Hwy Z	II	Trout- Rotational	1800	Barge	3	57.9
Brewer Creek	08/05/2024	Juneau	Felland Road	I	Special Study	393	Backpack	1	58.0
Brewer Creek	08/05/2024	Juneau	Brokup Road	I	Special Study	459	Barge	3	60.0
Onemile Creek	07/31/2024	Juneau	Robinson Road	I	Special Study	350	Backpack	1	57.6
Onemile Creek	07/31/2024	Juneau	Petrowitz Road	I	Special Study	247	Barge	3	63.7
Onemile Creek	07/31/2024	Juneau	Donlin Road	!!	Special Study	577	Barge	3	64.4



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Data Summary

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BROOK TROUT SIZE AND ABUNDANCE (CPUE) METRICS							
Stream Name	Site Location	Average Length & (Range; inches)	CPUE (No. per Mile) Statewide Percentile in Parentheses				
			Total CPUE	YOY CPUE	≥6" CPUE (PCTL)	≥8" CPUE (PCTL)	≥10" CPUE (PCTL)
Big Roche A Cri Creek	Archer Dr. (1999 Trout hab. Site)	6.4 (2.8-13.5)	680 (75th)	100	490 (85th)	233 (90th)	72 (95th)
Big Roche A Cri Creek	1st Avenue	6.5 (2.7-11.6)	1296 (90th)	349	825 (90th)	540 (95th)	190 (95th)
Fordham Creek	8th Drive	8.1 (6.5-10.3)	211 (45th)	0	212 (65th)	173 (85th)	10 (70th)
Fordham Creek	6th Court	5.7 (2.4-10.8)	384 (60th)	135	221 (65th)	106 (80th)	38 (90th)
Fordham Creek	Hwy J	7.2 (2.7-11.4)	269 (50th)	46	216 (65th)	153 (85th)	36 (90th)
Little Roche A Cri Creek	STH 21	9.0 (8.5-10.0)	97 (25th)	0	97 (45th)	97 (75th)	16 (80th)
Little Roche A Cri Creek	Cypress Avenue	8.8 (8.5-9.9)	67 (20th)	0	68 (35th)	68 (70th)	0
Little Roche A Cri Creek	10th Avenue	5.9 (3.3-9.0)	45 (15th)	15	30 (20th)	15 (40th)	0
Little Roche A Cri Creek	8th Avenue	5.1 (3.0-11.6)	148 (35th)	63	74 (35th)	32 (55th)	11 (75th)
Little Roche A Cri Creek	8th Drive	5.6 (2.8-12.3)	228 (45th)	93	93 (45th)	93 (75th)	31 (85th)
Brewer Creek	Felland Road	8.1 (5.5-11.6)	860 (80th)	0	838 (90th)	486 (95th)	41 (90th)
Brewer Creek	Brokup Road	6.2 (2.1-12.7)	1610 (90th)	609	954 (95th)	552 (95th)	103 (95th)
Onemile Creek	Robinson Road	5.6 (3.1-7.0)	91 (25th)	30	61 (30th)	0	0
Onemile Creek	Petrowitz Road	7.6 (2.7-11.6)	406 (60th)	85	319 (75th)	234 (90th)	43 (90th)
Onemile Creek	Donlin Road	7.4 (2.5-12.6)	476 (65th)	101	349 (80th)	248 (90th)	73 (95th)
Carter Creek	Above Cty. Trk. G	0	0	0	0	0	0
Carter Creek	1st Avenue	0	0	0	0	0	0
Carter Creek	2nd Avenue	0	0	0	0	0	0





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BROWN TROUT SIZE AND ABUNDANCE (CPUE) METRICS							
Stream Name	Site Location	Average Length & (Range; inches)	CPUE (No. per Mile) Statewide Percentile in Parentheses				
			Total CPUE	YOY CPUE	≥8" CPUE (PCTL)	≥10" CPUE (PCTL)	≥12" CPUE (PCTL)
Big Roche A Cri Creek	1st Ave	5.0 (4-13)	112 (20th)	3	48(25th)	16 (25th)	16 (40th)
Big Roche A Cri Creek	Archer Dr. (1999 Hab. Site)	3.2 (3-20)	87 (15th)	6	79 (35th)	64 (45th)	52 (65th)
Little Roche A Cri Creek	8th Avenue	8.9 (7.7-10.2)	21 (5th)	0	11 (15th)	11 (25th)	0
Little Roche A Cri Creek	8th Drive	8.6 (8.4-8.8)	21 (5th)	0	21 (20th)	0	0
Little Roche A Cri Creek	10th Avenue	10.8 (7.6-19.2)	164 (25th)	0	140 (45th)	85 (50th)	55 (65th)
Fordham Creek	6th Court	4.3 (2.9-11.3)	461 (50th)	298	87 (35th)	10 (20th)	0
Fordham Creek	CTH J (West)	5.9 (2.7-14.4)	142 (25th)	19	108 (40th)	41 (35th)	29 (50th)
Fordham Creek	8th Drive	6.4 (3.1-17.5)	298 (35th)	77	192 (50th)	77 (50th)	29 (50th)
Tenmile Creek	Rangeline Rd (Bridge)	3.2 (3.6-15.0)	68 (15th)	6	57 (30th)	51 (40th)	40 (60th)
Tenmile Creek	Bell Rd (Site 2)	8.5 (8.0-9.0)	11	0	11 (15th)	0	0
Tenmile Creek	Wis. River. to Hwy Z	6.0 (3.5-20.0)	18 (5th)	3	15 (15th)	3 (15th)	3 (30th)
Neenah Creek	Upstream of Peppermill Creek Confluence	6.8 (2.3-16.8)	885 (70th)	61	382 (70th)	199 (70th)	53 (65th)
RAINBOW TROUT SIZE AND ABUNDANCE (CPUE) METRICS							
Stream Name	Site Location	Average Length & (Range; inches)	CPUE (No. per Mile)				
			Total CPUE	YOY CPUE	≥6" CPUE	≥8" CPUE	≥10" CPUE
Fordham Creek	8th Drive	7.3 (5.8-10.5)	57	0	48	29	10
Fordham Creek	CTH J (West)	7.7 (5.5-11.3)	50	0	46	26	14
Fordham Creek	6th Court	4.5 (9.7-13.0)	19	0	19	19	10



Photo Credit: Wisconsin DNR



Photo Credit: Wisconsin DNR



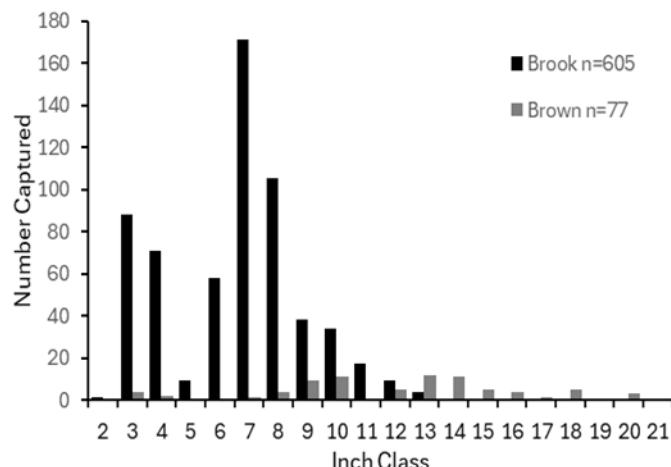
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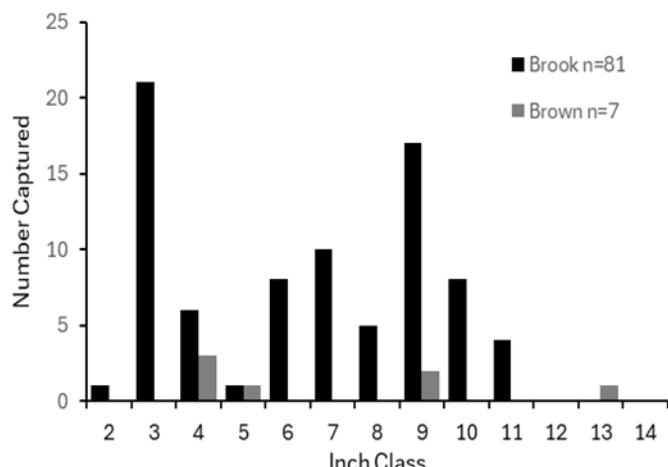
Trend sites length frequency graphs

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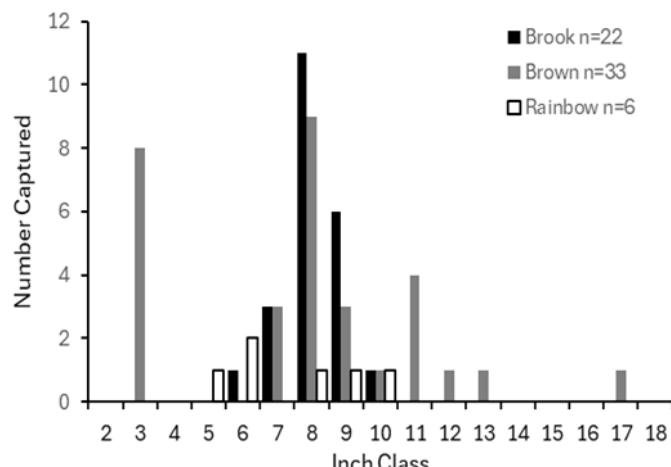
Big Roche A Cri Creek at Archer Drive



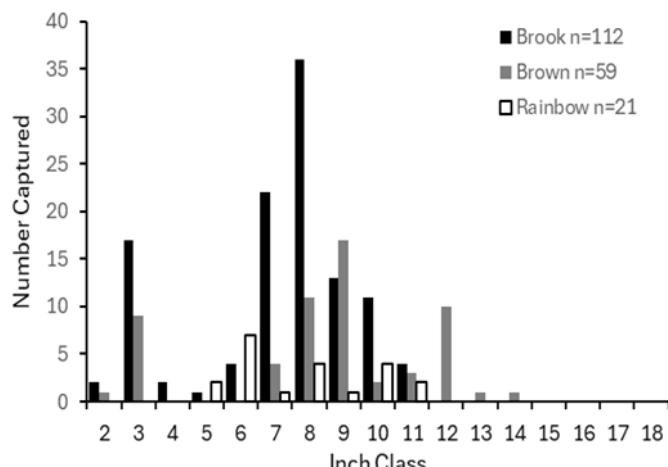
Big Roche A Cri Creek at 1st Avenue



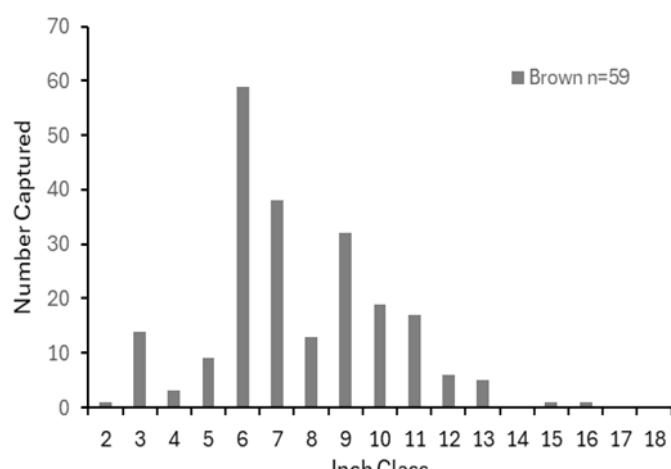
Fordham Creek at 8th Drive



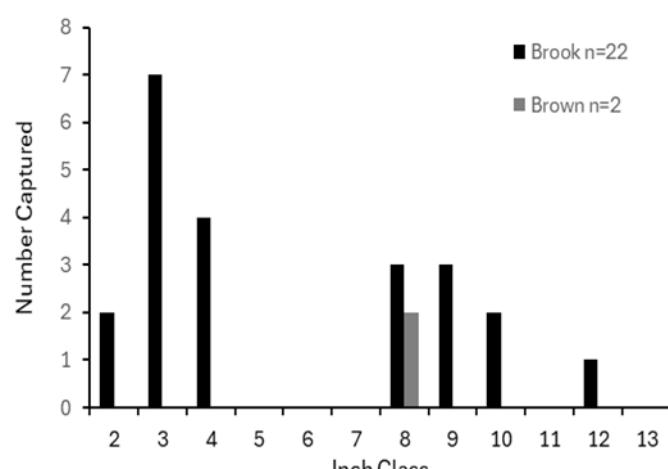
Fordham Creek at CTH J (West)



Neenah Creek at 1st Lane



Little Roche A Cri Creek at 8th Drive

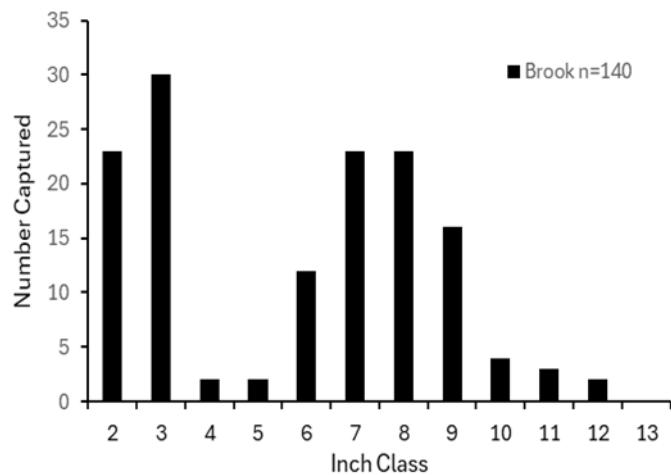




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Brewer Creek at Brokup Road



Onemile Creek at Donlin Road

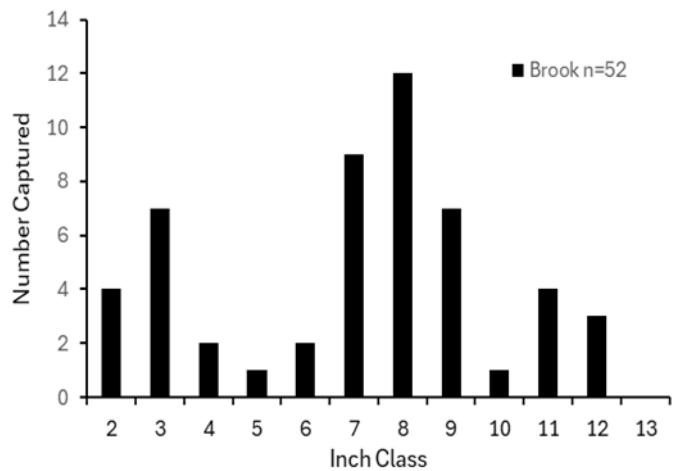


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