



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

2025 Wadable Trout Streams Summary Report Pierce, St. Croix and Western Dunn Counties

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Introduction And Objectives

The Baldwin Wisconsin Department of Natural Resources (DNR) fisheries management staff conducted electrofishing surveys on wadable trout streams across Pierce, St. Croix and western Dunn counties. The primary objectives for these surveys were to characterize relative abundance, recruitment and size structure for all trout and overall ecological integrity through an index of biological integrity (IBI) based on all fish species captured in the sampled survey sites. The following report is a summary of trout metrics for all streams and stations surveyed in 2025. This data is used to monitor the overall health and status of trout populations. Please refer to the Guide to Wisconsin Trout Fishing Regulations for applicable size and bag limit restrictions for the stream you fish.

DNR Contact

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Regulations

Category: Green and Red
Daily Bag and Size Limit:
Please refer to the regulations booklet for the specific stream.



Survey Methods

- Trend survey stations are sampled annually
- Watershed rotation stations are sampled on a 10 year rotation
- Pre-and post-habitat improvement stations are sampled for a target of 5 years pre- and post-construction
- All stations are sampled using backpack or stream barge electrofishing units depending on stream width
- The distance surveyed for each station is 35 times the mean stream width at that location or a minimum of 330 feet (100 meters) if the stream is less than 3 meters wide
- Sampling generally occurs upstream of bridges or road crossings
- All trout are counted and measured and all other species are counted in order to calculate an Index of Biotic Integrity (IBI) score for specific stations within watershed rotations
- Metrics used to describe trout populations include average length, catch per unit effort (CPUE) as a measure of relative abundance and length frequency distribution
- If a station is not listed in the CPUE tables, then less than 5 trout were found or no trout were found

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 what percentile (PCTL) they fall out in. 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 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.
- **Index of Biotic Integrity (IBI)** is a rating of environmental quality based on the fish assemblage. Scores of 90 - 100 indicate excellent stream quality, while scores less than 30 indicate poor stream quality. Our analysis utilizes the IBI for Wisconsin coldwater streams. Coldwater streams in Wisconsin are those in which the maximum daily mean water temperature is usually <22°C (71.6°F). A coolwater stream IBI may also be used when a stream doesn't fit the temperature criteria for a coldwater stream.



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Stream Survey Locations and Station Information

Stream/Station Number	County	Location	Survey Date	Station Length (m)	Survey Purpose
Beaver Creek 5	St. Croix	Rustic Rd 4	7/1	201	Trend
Big River 2	Pierce	STH 35	6/16	222	Trend/Rotation
Bolen Creek 1	Dunn	100 th St	8/6	182	Trend
Cady Creek 2	Pierce	50th St	6/24	204	Trend
Cady Creek 4	Pierce	850th Ave	6/24	214	Trend
Cave Creek 1	Pierce	STH 72	7/9	245	Trend
Eau Galle River 10	Pierce	CTH P	7/31	341	Trend
Gilbert Creek 9	Dunn	STH 29	7/1	151	Trend
North Branch Gilbert Creek T	Dunn	120th St	6/30	255	Trend
Isabelle Creek 2	Pierce	CTH EE	7/15	567	Trend
Kinnickinnic River 6	Pierce	Glen Park	8/4	445	Trend
Kinnickinnic River 8	St. Croix	STH 65	8/4	216	Trend
Knights Creek 2	Dunn	STH 72	7/15	100	Trend
WB Knights Creek 1	Dunn	110th St	6/30	259	Trend
Lost Creek 1	Pierce	465th Ave	6/24	132	Trend
Parker Creek 2	St. Croix	Pleasant Ave	7/9	204	Trend
Pine Creek 2A	Pierce	CTH AA	7/17	199	Trend
Plum Creek 8	Pierce	Maple St.	7/10	260	Trend
Rocky Branch 1	Pierce	Confluence	7/14	119	Trend
Rush River 8	Pierce	450th Ave	7/28	375	Trend
Rush River 14	Pierce	690th Ave	7/28	457	Trend
Rush River 17	Pierce	STH 29	7/9	333	Trend
South Fork Hay River 14	Dunn	1330th Ave	7/21	312	Other Investigation
South Fork Hay River 19	Dunn	Thatcher Park	7/3	266	Trend
South Fork Kinnickinnic River 3	Pierce	900th St	7/14	100	Trend
South Fork Willow River 4	St. Croix	STH 63	7/3	207	Trend
Tiffany Creek 2	Dunn	STH 79	7/21	289	Trend
Tiffany Creek 14	St. Croix	STH 128	7/1	100	Trend
Torgerson Creek 1	Dunn	1430th Ave	7/3	100	Trend
Trimbelle River 8	Pierce	CTH O	6/19	159	Trend/Rotation
Trimbelle River 12	Pierce	870th St	6/18	303	Trend/Rotation
Trimbelle River 15D	Pierce	CTH W	6/17	243	Trend/Rotation
Willow River Race Branch 2	St. Croix	Trout Brook Rd	7/31	498	Trend
Wilson Creek 6	Dunn	STH 12	6/30	315	Trend
Wilson Creek 11	Dunn	80th St	6/30	150	Trend
Wilson Creek 8	Dunn	770th Ave	7/1	171	Post-Hab Eval
Cady Creek DS of P	Pierce	CTH P	6/24	190	Post-Hab Eval
Plum Creek VH1	Pierce	145th Ave	7/10	204	Post-Hab Eval
Plum Creek VH2	Pierce	145th Ave	7/10	331	Post-Hab Eval
Plum Creek VH3	Pierce	145th Ave	7/10	241	Post-Hab Eval
Plum Creek 6	Pierce	CTH U	7/15	245	Post-Hab Eval



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Stream Survey Locations and Station Information					
Stream	County	Location	Survey Date	Station Length (m)	Survey Purpose
Coon Creek	Dunn	750th Ave	7/30	100	Other investigation
Coon Creek	Dunn	390th St	7/30	100	Other Investigation
Pine Creek 3	Pierce	20th Ave	7/17	100	Other Investigation
Deutch Creek 1	Dunn	CTH VV	7/30	100	Other Investigation
Deutch Creek 2	Dunn	1350th Ave	7/21	100	Other Investigation
Deutch Creek 3	Dunn	CTH V	7/21	100	Other Investigation
Deutch Creek 4	Dunn	381st St	7/21	100	Other Investigation
Eau Galle River	St. Croix	270th St	7/21	357	Other Investigation
Trimbelle River 17	Pierce	770th Ave	6/17	110	Rotation
Trimbelle River 15	Pierce	STH 65	6/17	203	Rotation
Trimbelle River 14	Pierce	650th Ave	6/17	115	Rotation
Trimbelle River 13	Pierce	640th Ave	6/17	276	Rotation
Trimbelle River 11	Pierce	570th Ave	6/18	210	Rotation
Trimbelle River 10	Pierce	560th Ave	6/18	310	Rotation
Trimbelle River 9	Pierce	CTH O (Gaslight)	6/18	252	Rotation
Trimbelle River @ Spring Creek	Pierce	CTH O	6/19	286	Rotation
Trimbelle River 6	Pierce	CTH O	6/19	382	Rotation
Trimbelle River (Halvorson)	Pierce	CTH O	7/7	284	Rotation
Trimbelle River 2	Pierce	Private Crossing	7/7	295	Rotation
Trimbelle River 1	Pierce	CTH 35	7/7	379	Rotation
Unnamed Creek	Pierce	810th St	7/8	100	Rotation
Goose Creek 1	Pierce	790th St	7/14	186	Rotation
Goose Creek 2	Pierce	750th St	7/14	135	Rotation
Goose Creek 3	Pierce	STH 65	7/15	100	Rotation
Unnamed Creek 16-2	Pierce	570th Ave	7/8	100	Rotation
Unnamed Creek	Pierce	CTH O	7/8	100	Rotation
Spring Creek 1	Pierce	Quarry Rd	7/17	100	Rotation
Spring Creek 2	Pierce	830th St	7/14	100	Rotation
Spring Creek 3	Pierce	810th St	7/14	100	Rotation
Spring Creek 4	Pierce	STH 10	7/14	100	Rotation
Unnamed Creek	Pierce	CTH K	7/8	100	Rotation
Unnamed Creek	Pierce	CTH O	7/8	100	Rotation
Unnamed Creek	Pierce	Confluence	7/8	100	Rotation
Unnamed Creek	Pierce	372nd Ave	7/8	100	Rotation
Little Trimbelle River 1	Pierce	CTH K	7/8	165	Rotation
Little Trimbelle River 2	Pierce	830th St	7/8	150	Rotation
Little Trimbelle River 3	Pierce	830th St	7/8	232	Rotation
Little Trimbelle River 4	Pierce	830th St	7/8	100	Rotation



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Stream	County	Location	Survey Date	Station Length (m)	Survey Purpose
Little Trimbelle River 5	Pierce	CTH KK	7/8	100	Rotation
Little Trimbelle River 6	Pierce	CTH K	7/8	100	Rotation
Little Trimbelle River 7	Pierce	750th St	7/8	100	Rotation
Unnamed Creek	Pierce	830th St	7/8	100	Rotation
Unnamed Creek	Pierce	830th St	7/8	100	Rotation
Unnamed Creek	Pierce	390th Ave	7/8	100	Rotation
Unnamed Creek	Pierce	CTH KK	7/8	100	Rotation
Big River 1	Pierce	1150th St	6/16	175	Rotation
Big River @ 560th Ave	Pierce	560th Ave	6/16	222	Rotation
Big River 5	Pierce	1040th St	6/16	171	Rotation
Big River 6	Pierce	950th St	6/16	100	Rotation
Big River 7	Pierce	CTH O	6/16	100	Rotation
Unnamed Creek	Pierce	STH 10	6/16	100	Rotation
Unnamed Creek	Pierce	620th Ave	6/16	100	Rotation





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BROOK TROUT SIZE AND ABUNDANCE (CPUE) METRICS								
Stream/Station	Total Number Sampled	BROOK TROUT CPUE (No. per Mile)						
		Total CPUE	YOY CPUE	≥5" CPUE	≥8" CPUE	≥10" CPUE	≥12" CPUE	≥14" CPUE
Beaver Creek 1	424	3377	1569	1808	677	88	24	0
Big River 2	26	189	87	102	7	0	0	0
Bolen Creek 1	211	1516	345	1171	338	65	0	0
Cady Creek 2	172	1349	800	549	235	0	0	0
Cady Creek 4	495	3702	935	2767	927	150	15	0
Cave Creek 1	29	124	4	119	77	4	0	0
Eau Galle River 10	18	85	14	71	24	24	5	0
Gilbert Creek 9	9	96	0	96	43	21	0	0
North Branch Gilbert Creek T	54	654	170	484	121	36	12	0
Knights Creek 2	41	304	104	200	82	22	0	0
West Branch Knights 2	52	717	455	262	0	0	0	0
Lost Creek 1	2	12	12	0	0	0	0	0
Parker Creek 2	29	228	55	173	79	8	0	0
Pine Creek 2A	6	48	16	32	8	0	0	0
Plum Creek 8	6	37	12	25	12	0	0	0
Rocky Branch 1	2	27	0	27	0	0	0	0
Rush River 8	1	4	0	4	0	0	0	0
Rush River 14	113	426	324	102	34	11	0	0
Rush River 17	15	72	72	0	0	0	0	0
South Fork Hay River 13	68	351	21	330	176	57	21	0
South Fork Hay River 19	492	2959	2075	884	199	24	0	0
South Fork Kinnickinnic River 3	265	4240	2416	1824	288	16	0	0
South Fork Willow River 4	99	765	131	634	379	46	0	0
Tiffany Creek 2	18	100	0	100	72	22	6	0
Tiffany Creek 14	79	1264	736	528	0	0	0	0
Torgerson Creek 1	93	1488	1264	224	16	0	0	0
Trimbelle River 15D	39	258	212	46	13	0	0	0
Wilson Creek 6	50	524	41	213	127	41	0	0
Wilson Creek 11	133	1427	1009	419	75	0	0	0



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BROOK TROUT SIZE AND ABUNDANCE (CPUE) METRICS								
Stream/Station	Total Number Sampled	BROOK TROUT CPUE (No. per Mile)						
		Total CPUE	YOY CPUE	≥5" CPUE	≥8" CPUE	≥10" CPUE	≥12" CPUE	≥14" CPUE
Wilson Creek 8	62	584	94	489	254	75	19	0
Cady Creek DS of P	69	585	68	517	331	85	0	0
Plum Creek VH1	5	39	8	32	24	0	0	0
Plum Creek VH2	29	141	24	117	58	5	0	0
Plum Creek VH3	4	27	0	27	7	7	0	0
Plum Creek 6	4	35	0	35	18	0	0	0
Pine Creek 3	74	1191	64	1127	145	0	0	0
Eau Galle River 19	434	1957	965	992	537	95	23	0
Trimbelle River 13	30	175	41	134	58	29	0	0
Trimbelle River 14	75	441	294	147	76	24	0	0
Goose Creek 1	53	459	225	234	78	9	0	0
Goose Creek 2	18	215	24	191	36	0	0	0
Spring Creek 1	8	129	113	16	0	0	0	0
Spring Creek 2	52	837	193	644	113	16	0	0
Big River 1	11	101	28	74	9	0	0	0
Big River @ 560th Ave	31	357	276	81	35	0	0	0
Big River 5	15	242	242	0	0	0	0	0





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BROWN TROUT SIZE AND ABUNDANCE (CPUE) METRICS								
Stream/Station	Total Number Sampled	BROWN TROUT CPUE (No. per Mile)						
		Total CPUE	YOY CPUE	≥8" CPUE	≥12" CPUE	≥14" CPUE	≥16" CPUE	≥18" CPUE
Big River 2	35	254	7	87	0	0	0	0
Cady Creek 2	138	1083	800	157	16	16	8	0
Cady Creek 4	29	217	8	15	0	0	0	0
Cady Creek DS of P	88	746	68	356	68	0	0	0
Cave Creek 1	166	707	153	400	81	34	17	0
Eau Galle River 10	433	2043	807	812	175	38	19	0
Gilbert Creek 9	82	875	0	768	491	352	213	149
North Branch Gilbert Creek T	42	521	218	73	0	0	0	0
Isabelle Creek 2	171	1080	158	436	63	6	0	0
Kinnickinnic River 6	1000	4024	934	2250	310	77	28	8
Kinnickinnic River 8	1392	5007	626	2788	130	18	14	14
Knights Creek 2	14	104	0	52	15	7	0	0
Lost Creek 1	435	2702	1621	677	180	56	0	0
Parker Creek 2	605	4747	1828	1059	47	8	0	0
Pine Creek 2A	770	6188	1197	2435	129	16	8	8
Plum Creek 8	190	1169	265	542	55	6	6	0
Rocky Branch 1	233	3130	2136	296	13	0	0	0
Rush River 8	637	2734	378	1940	537	189	26	4
Rush River 14	1377	5190	2163	2099	317	26	0	0
Rush River 17	334	1605	1158	327	67	29	19	0
Trimbelle River 8	253	2545	30	1549	372	70	10	0
Trimbelle River 12	366	1933	1151	539	69	11	0	0
Trimbelle River 15D	54	358	93	106	27	0	0	0
Willow River Race 2	573	2306	2105	81	28	8	0	0
Wilson Creek 6	1	5	0	5	0	0	0	0
Wilson Creek 11	74	794	215	247	64	11	0	0
Plum Creek VH1	255	2010	95	1119	118	32	8	0
Plum Creek VH2	225	1093	58	743	83	15	0	0
Plum Creek VH3	173	1156	160	655	40	13	7	0



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BROWN TROUT SIZE AND ABUNDANCE (CPUE) METRICS								
Stream/Station	Total Number Sampled	BROWN TROUT CPUE (No. per Mile)						
		Total CPUE	YOY CPUE	≥8" CPUE	≥12" CPUE	≥14" CPUE	≥16" CPUE	≥18" CPUE
Plum Creek 6	169	1482	158	728	26	9	9	0
Trimbelle River 15	140	1110	174	555	143	48	24	8
Trimbelle River 14	265	1558	159	823	129	12	0	0
Trimbelle River 13	355	2069	215	1305	332	82	0	0
Trimbelle River 11	143	1097	507	207	23	0	0	0
Trimbelle River 10	254	1319	78	763	135	16	0	0
Trimbelle River 9	195	1247	237	543	153	13	0	0
Trimbelle River @ Spring Creek	195	1098	23	777	191	28	6	6
Trimbelle River 6	354	1491	21	939	236	17	0	0
Trimbelle River (Halvorson)	405	2280	191	1638	175	11	0	0
Trimbelle River 2	188	1027	350	524	98	0	0	0
Trimbelle River 1	151	637	114	295	42	8	4	0
Goose Creek 1	55	476	182	139	9	0	0	0
Goose Creek 2	19	227	179	24	0	0	0	0
Spring Creek 1	6	97	81	0	0	0	0	0
Spring Creek 2	2	32	0	13	7	7	0	0
Little Trimbelle River 1	120	1171	878	59	0	0	0	0
Little Trimbelle River 2	171	1835	826	215	0	0	0	0
Little Trimbelle River 3	316	2193	1034	389	7	7	0	0
Little Trimbelle River 4	47	541	12	173	12	0	0	0
Big River 1	19	175	0	101	9	0	0	0

