

Survey Report for Brook trout creel on the Tahquamenon River, Summer, 2014

Waterbody	East Branch Tahquamenon and Tahquamenon River
Year	Summer, 2014
Sites	East Branch Tahquamenon and Tahquamenon River
Survey period	May 8 to September 21
Interview type/mode	Access/shore
Clerk time	Part-time
Survey purpose	Characterize general effort and catch aspects of the fishery

Notes

Survey followed an access-interview design. All funding was provided through Fisheries Division. One clerk worked part time to collect angling (interview and count) data. No holidays were sampled. Clerk followed a randomized count and interview schedule. Only eight hours of the day were sampled. The river was divided into 2 sections: the upper branch and main stem. One section was sampled per day. Two counts of shore anglers were made per day. Survey period for both counts and interviews was May 8 to September 21. Months were estimated separately. Estimates are given in the following tables.

Table –Work shifts used to estimate catch and effort at EASTUPPERTAHQUAMENONRIVER, May 8 to September 21, Summer, 2014

	Year	Month	Hrs/day
1	2014	5	8
2	2014	6	8
3	2014	7	8
4	2014	8	8
5	2014	9	8

Estimated harvest, catch per hour, and fishing pressure for East Brach, shore. Two standard errors are given in parentheses. NAN = statistic cannot be calculated.

Species	C/H	May	June	July	August	Sept	Season
HARVEST							
Brook trout	0.2754 (0.2852)	24 (54)	57 NAN	0 (0)	12 NAN	0 (0)	93 (54)
OTH1	0.1819 (0.3959)	0 (0)	0 (0)	0 (0)	61 (122)	0 (0)	61 (122)
TOTAL HARVEST	0.4574 (0.4233)	24 (54)	57 NAN	0 (0)	73 NAN	0 (0)	154 (54)
RELEASED							
Brook trout	0.0458 (0.0502)	0 (0)	0 (0)	8 (11)	7 NAN	0 (0)	15 (11)
TOTAL RELEASED	0.0458 (0.0502)	0 (0)	0 (0)	8 (11)	7 NAN	0 (0)	15 (11)
TOTAL CATCH	0.5032 (0.4609)	24 (54)	57 NAN	8 (11)	80 NAN	0 (0)	169 (55)
ANGLER HOURS		59 (74)	142 (258)	99 (90)	37 (53)	0 (0)	336 (288)
ANGLER TRIPS		32 (46)	53 (101)	37 (39)	19 (29)	0 (0)	142 (121)

Estimated harvest, catch per hour, and fishing pressure for Tahquamenon River, shore. Two standard errors are given in parentheses. NAN = statistic cannot be calculated.

Species	C/H	May	June	July	August	Sept	Season
HARVEST							
Brook trout	0.2046 (0.0668)	0 (0)	84 NAN	17 (19)	15 (9)	18 NAN	133 (20)
OTH1	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
TOTAL HARVEST	0.2046 (0.0668)	0 (0)	84 NAN	17 (19)	15 (9)	18 NAN	133 (20)
RELEASED							
Brook trout	2.0138 (0.6658)	191 NAN	139 NAN	647 NAN	245 (212)	90 NAN	1,312 (212)
TOTAL RELEASED	2.0138 (0.6658)	191 NAN	139 NAN	647 NAN	245 (212)	90 NAN	1,312 (212)
TOTAL CATCH	2.2184 (0.7185)	191 NAN	223 NAN	664 NAN	259 (212)	108 NAN	1,445 (213)
ANGLER HOURS		128 (64)	196 (114)	151 (105)	150 (65)	27 (54)	652 (188)
ANGLER TRIPS		51 (37)	78 (67)	58 (58)	62 (56)	11 (25)	260 (114)

Estimated harvest, catch per hour, and fishing pressure for both sections combined. Two standard errors are given in parentheses. NAN = statistic cannot be calculated.

Species	C/H	May	June	July	August	Sept	Season
HARVEST							
Brook trout	0.2287 (0.0983)	24 (54)	140 NAN	17 (19)	27 NAN	18 NAN	226 (57)
OTH1	0.0619 (0.1258)	0 (0)	0 (0)	0 (0)	61 (122)	0 (0)	61 (122)
TOTAL HARVEST	0.2907 (0.1165)	24 (54)	140 NAN	17 (19)	88 NAN	18 NAN	287 (57)
RELEASED							
Brook trout	1.3437 (0.4679)	191 NAN	139 NAN	656 NAN	252 NAN	90 NAN	1,328 (0)
TOTAL RELEASED	1.3437 (0.4679)	191 NAN	139 NAN	656 NAN	252 NAN	90 NAN	1,328 (0)
TOTAL CATCH	1.6344 (0.5720)	215 NAN	280 NAN	672 NAN	340 NAN	108 NAN	1,615 (57)
ANGLER HOURS		187 (98)	338 (282)	250 (138)	187 (84)	27 (54)	988 (344)
ANGLER TRIPS		84 (59)	131 (122)	95 (70)	82 (63)	11 (25)	402 (167)