

Appendix 2

Miscellaneous Historical Creel Data

This appendix contains miscellaneous creel data from 1928-1964 for the Kalamazoo River and tributaries. Angler hours, catch by species, total catch, catch per effort by species, and total catch per effort were summarized by year for each waterbody. These data were compiled from records located at Michigan Department of Natural Resources, Institute for Fisheries Research.

References

- Lockwood, R.N., D.M. Benjamin, and J.R. Bence. 1999. Estimating angling effort and catch from Michigan roving and access site angler survey data. Michigan Department of Natural Resources, Fisheries Division, Research Report 2044, Ann Arbor.
- Ryckman, J.R. 1981. Creel census methods in general. Appendix VI-A-9 in J.W. Merna, J.C. Schneider, G.R. Alexander, W.D. Alward, and R.L. Eshenroder, editors. Manual of fisheries survey methods. Fisheries Management Report 9, Michigan Department of Natural Resources, Lansing.

Kalamazoo River Assessment Appendix

Appendix 2.-(R = River, Cr = Creek, P = Pond)

Segment and stream	Year	Angler Hours	Total #s Fish	Total CPE	Brook trout		Brown trout		Rainbow trout		Smallmouth bass		Largemouth bass		Bluegill		Pumpkinseed	
					Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE
Headwaters																		
Kalamazoo R	1930	6	19	3.2														
	1938	4	0	0.0														
	1943	14	45	3.2										41	2.9	4	0.3	
	1945	23	24	1.0										4	0.2			
	1946	5	2	0.4														
SB Kalamazoo R	1936	52	7	0.1	3	0.1	3	0.1	1	0.0								
	1937	45	11	0.2	4	0.1	3	0.1	4	0.1								
	1939	11	3	0.3	2	0.2			1	0.1								
	1945	21	11	0.5			4	0.2	7	0.3								
	1951	72	18	0.3			16	0.2										
	1952	20	11	0.6			1	0.1	10	0.5								
	1953	40	12	0.3			1		11	0.3								
	1954	33	8	0.2					8	0.2								
	1955	65	39	0.6			11	0.2	28	0.4								
	1957	45	11	0.2			3	0.1	8	0.2								
Upper																		
Bear Cr	1943	24	12	0.5			12	0.5										
	1944	16	5	0.3			5	0.3										
	1949	6	1	0.2			1	0.2										
	1952	14	6	0.4	4	0.3	2	0.1										
	1953	3	0	0.0														
Ceresco P	1930	18	42	2.3														
Harper Cr	1945	15	8	0.5	1	0.1	7	0.5										
	1951	3	1	0.3			1	0.3										
	1953	9	3	0.3			3	0.3										
	1954	18	5	0.3			5	0.3										
Kalamazoo R	1930	26	40	1.5														
	1931	4	6	1.5							3	0.8	3	0.8				
	1932	4	17	4.3									15	3.8				
	1934	10	25	2.5									25	2.5				
	1938	8	14	1.8														
	1943	43	56	1.3									34	0.8	18	0.4		
	1944	38	63	1.7							1	0.0	33	0.9	11	0.3		
	1945	125	130	1.0									19	0.2				
	1946	44	28	0.6							1	0.0	13	0.3	4	0.1		
	1950	8	32	4.0									2	0.3	29	3.6		
	1951	12	8	0.7														
	1952	47	33	0.7														
	1953	831	392	0.5					1	0.0	26	0.0	22	0.0	88	0.1	28	0.0
	1954	276	63	0.2									3	0.0	13	0.0	3	0.0
	1965	5	5	1.0														

Appendix 2.–Continued.

Segment and stream	Year	Rock bass		Black crappie		Yellow perch		Walleye		Northern pike		Bullhead		Carp		Sucker		Channel catfish		Bowfin		
		Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	
Headwaters																						
Kalamazoo R	1930																19	3.2				
	1938																					
	1943																					
	1945									1	0.0						19	0.8				
	1946									2	0.4											
SB Kalamazoo R	1936																					
	1937																					
	1939																					
	1945																					
	1951	1	0.0														1	0.0				
	1952																					
	1953																					
	1954																					
Upper																						
Bear Cr	1943																					
	1944																					
	1949																					
	1952																					
	1953																					
Ceresco P	1930											2	0.1			38	2.1			2	0.1	
Harper Cr	1945																					
	1951																					
	1953																					
	1954																					
Kalamazoo R	1930																38	1.5			2	0.1
	1931																					
	1932					2	0.5															
	1934																					
	1938																14	1.8				
	1943	2	0.0	1	0.0	1	0.0															
	1944	4	0.1	2	0.1							4	0.1				8	0.2				
	1945			2	0.0						23	0.2					86	0.7				
	1946					1	0.0				3	0.1			6	0.1						
	1950	1	0.1																			
	1951										1	0.1			7	0.6						
	1952	1	0.0								5	0.1					27	0.6				
	1953	16	0.0			23	0.0				30	0.0	21	0.0	18	0.0	110	0.1			9	0.0
	1954	22	0.1								19	0.1			3	0.0						
1965										5	1.0											

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Appendix 2.–Continued.

Segment and stream	Year	Angler Hours	Total #s Fish	Total CPE	Brook trout		Brown trout		Rainbow trout		Smallmouth bass		Largemouth bass		Bluegill		Pumpkinseed		
					Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	
Upper – continued																			
Minges Brook	1930	3	11	3.7	3	1.0	8	2.7											
	1945	3	2	0.7	2	0.7													
	1951	14	4	0.3			4	0.3											
	1952	12	1	0.1			1	0.1											
	1953	3	2	0.7			2	0.7											
	1954	22	3	0.1	2	0.1	1												
NB Kalamazoo R	1929	13	9	0.7															
	1933	4	3	0.8			3	0.8											
	1944	6	0	0.0															
	1945	30	4	0.1															
	1947	3	0	0.0															
	1949	22	12	0.5															
Rice Cr	1930	6	19	3.2												5	0.3	7	0.5
	1933	25	50	2.0	49	2.0	1												
	1934	19	29	1.5	24	1.3	4	0.2	1	0.1									
	1938	16	9	0.6									9	0.6					
	1943	85	93	1.1	15	0.2	62	0.7	16	0.2									
	1944	50	59	1.2	10	0.2	36	0.7	13	0.3									
	1945	26	11	0.4	1		7	0.3											
	1949	38	22	0.6			7	0.2	5	0.1								5	0.1
	1951	34	8	0.2	1		4	0.1	3	0.1									
	1953	36	6	0.2	2	0.1	2	0.1	2	0.1									
1954	15	10	0.7																
Wilder Cr	1930	7	31	4.4	29	4.1	2	0.3											
	1931	3	4	1.3	3	1.0	1	0.3											
	1933	4	3	0.8	3	0.8													
	1934	5	4	0.8	1	0.2	3	0.6											
	1949	144	95	0.7			60	0.4	35	0.2									
	1951	72	31	0.4			23	0.3	8	0.1									
	1952	27	23	0.9	15	0.6	8	0.3											
1953	122	62	0.5	33	0.3	1		28	0.2										
Middle																			
Battle Cr	1930	13	81	6.2							3	0.2	3	0.2					
	1931	43	88	2.0															
	1932	27	0	0.0															
	1934	20	45	2.3															
	1937	4	7	1.8									2	0.5	4	1.0			
	1938	14	20	1.4															
	1939	15	2	0.1															
	1943	60	58	1.0							2	0.0	2	0.0					
	1946	84	33	0.4															
	1949	17	15	0.9							5	0.3							
1950	38	16	0.4																

Appendix 2.–Continued.

Segment and stream	Year	Rock bass		Black crappie		Yellow perch		Walleye		Northern pike		Bullhead		Carp		Sucker		Channel catfish		Bowfin		
		Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	
Upper – continued																						
Minges Brook	1930																					
	1945																					
	1951																					
	1952																					
	1953																					
	1954																					
	NB Kalamazoo R	1929					3	0.2							6	0.5						
1933																						
1944																						
1945																	4	0.1				
1947																						
1949										1	0.0			6	0.3	2	0.1			3	0.1	
Rice Cr	1930																19	3.2				
	1933																					
	1934																					
	1938																					
	1943																					
	1944																					
	1945																3	0.1				
	1949	5	0.1																			
	1951																					
	1953																					
Wilder Cr	1930																10	0.7				
	1931																					
	1933																					
	1934																					
	1949																					
	1951																					
	1952																					
	1953																					
	Middle																					
	Battle Cr	1930											13	1.0	5	0.4	53	4.1			4	0.3
1931												1	0.0	5	0.1	62	1.4			20	0.5	
1932																						
1934												1	0.1			44	2.2					
1937																				1	0.3	
1938																	20	1.4				
1939																	2	0.1				
1943				16	0.3					7	0.1						31	0.5				
1946										2	0.0			3	0.0	28	0.3					
1949										10	0.6											
1950										16	0.4											

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Appendix 2.–Continued.

Segment and stream	Year	Angler Hours	Total #s Fish	Total CPE	Brook trout		Brown trout		Rainbow trout		Smallmouth bass		Largemouth bass		Bluegill		Pumpkinseed		
					Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	
Middle – continued																			
Battle Cr – continued	1951	6	0	0.0															
	1953	119	270	2.3													70	0.6	
	1954	18	2	0.1															
Gun R	1930	18	18	1.0	2	0.1	15	0.8	1	0.1									
	1934	3	0	0.0															
	1938	4	7	1.8	6	1.5	1	0.3											
	1939	7	3	0.4			2	0.3	1	0.1									
	1941	22	35	1.6			2	0.1	33	1.5									
	1943	4	1	0.3	1	0.3													
	1944	6	6	1.0	3	0.5			3	0.5									
	1945	11	0	0.0															
	1946	6	2	0.3			1	0.2	1	0.2									
	1952	16	4	0.3			4	0.3											
	1954	54	48	0.9			25	0.5	23	0.4									
	1957	25	12	0.5			6	0.2	6	0.2									
	1958	31	5	0.2			3	0.1	2	0.1									
	1962	2	0	0.0															
	1964	50	28	0.6	4	0.1	19	0.4	5	0.1									
Indian Cr	1931	7	3	0.4															
	1933	7	12	1.7															
Kalamazoo R	1930	12	35	2.9															
	1938	6	6	1.0															
	1943	12	30	2.5										21	1.8	3	0.3		
Orangeville Cr	1930	4	5	1.3															
	1931	15	12	0.8										7	0.5				
Pine Cr	1962	4	2	0.5															
Seven Mile Cr	1929	17	20	1.2	20	1.2													
	1930	19	25	1.3	25	1.3													
	1931	6	12	2.0	12	2.0													
	1933	9	8	0.9	8	0.9													
	1939	4	0	0.0															
	1945	38	27	0.7	20	0.5	7	0.2											
	1951	45	20	0.4	19	0.4	1	0.0											
	1952	42	29	0.7	9	0.2	20	0.5											
	1953	76	58	0.8	45	0.6	13	0.2											
	1954	193	152	0.8	12	0.1	138	0.7	2	0.0									
Wabascon	1953	4	0	0.0															
Wanodoger	1953	10	5	0.5															

Appendix 2.–Continued.

Segment and stream	Year	Rock bass		Black crappie		Yellow perch		Walleye		Northern pike		Bullhead		Carp		Sucker		Channel catfish		Bowfin	
		Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE
Middle – continued																					
Battle Cr – continued	1951																				
	1953	156	1.3			14	0.1			2	0.0					28	0.2				
	1954									2	0.1										
Gun R	1930																				
	1934																				
	1938																				
	1939																				
	1941																				
	1943																				
	1944																				
	1945																				
	1946																				
	1952																				
	1954																				
	1957																				
	1958																				
	1962																				
	1964																				
Indian Cr	1931																3	0.4			
	1933																12	1.7			
Kalamazoo R	1930			1	0.1							7	0.6				27	2.3			
	1938																6	1.0			
	1943			6	0.5																
Orangeville Cr	1930																5	1.3			
	1931																5	0.3			
Pine Cr	1962																2	0.5			
Seven Mile Cr	1929																				
	1930																				
	1931																				
	1933																				
	1939																				
	1945																				
	1951																				
	1952																				
	1953																				
	1954																				
Wabascon	1953																				
Wanodoger	1953																5	0.5			

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Appendix 2.–Continued.

Segment and stream	Year	Angler Hours	Total #s Fish	Total CPE	Brook trout		Brown trout		Rainbow trout		Smallmouth bass		Largemouth bass		Bluegill		Pumpkinseed		
					Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	
Mouth																			
Bear Cr	1950	112	30	0.3	27	0.2			3	0.0									
	1952	74	33	0.4	33	0.4													
	1953	35	46	1.3	46	1.3													
	1954	48	5	0.1	5	0.1													
	1955	38	29	0.8	29	0.8													
	1956	54	3	0.1	2	0.0	1												
	1958	24	3	0.1	3	0.1													
	1959	35	23	0.7	8	0.2	13	0.4	2	0.1									
	1960	15	33	2.2	31	2.1	1	0.1	1	0.1									
	1961	24	14	0.6	13	0.5	1												
	1962	25	5	0.2	2	0.1	3	0.1											
	1963	77	39	0.5	30	0.4	4	0.1	5	0.1									
	1964	36	12	0.3	1		11	0.3											
	1928	23	44	1.9	39	1.7	5	0.2											
	1930	140	107	0.8	106	0.8	1												
	1931	21	21	1.0	16	0.8	5	0.2											
	1932	2	14	7.0	14	7.0													
	1933	50	20	0.4	20	0.4													
	1934	93	59	0.6	53	0.6	4		2	0.0									
	1935	12	1	0.1	1	0.1													
	1936	35	10	0.3	3	0.1	7	0.2											
	1937	16	7	0.4	2	0.1	5	0.3											
	1938	54	30	0.6	23	0.4	7	0.1											
	1939	52	26	0.5	14	0.3	12	0.2											
	1941	33	1	0.0					1	0.0									
	1944	4	1	0.3			1	0.3											
	1945	97	69	0.7	31	0.3	37	0.4	1	0.0									
	1946	43	11	0.3	11	0.3													
	1948	44	11	0.3	11	0.3													
	1953	19	19	1.0	9	0.5	3	0.2	7	0.4									
	1954	16	6	0.4	1	0.1	2	0.1	3	0.2									
	1959	17	8	0.5			2	0.1	6	0.4									
1960	49	12	0.2	3	0.1	7	0.1	2	0.0										
1964	54	16	0.3	10	0.2	6	0.1												
Kalamazoo R	1930	16	16	1.0															
	1931	57	64	1.1										3	0.1	1	0.0		
	1932	18	35	1.9															
	1933	15	52	3.5															
	1934	88	187	2.1										107	1.2	5	0.1		
	1935	21	41	2.0									1	0.0	29	1.4			
	1936	110	166	1.5							3	0.0	1	0.0	18	0.2			
	1938	125	240	1.9											4	0.0			
	1939	271	291	1.1											1	0.0	3	0.0	
	1942	146	203	1.4											65	0.4			

Appendix 2.–Continued.

Segment and stream	Year	Rock bass		Black crappie		Yellow perch		Walleye		Northern pike		Bullhead		Carp		Sucker		Channel catfish		Bowfin		
		Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	
Mouth																						
Bear Cr	1950																					
	1952																					
	1953																					
	1954																					
	1955																					
	1956																					
	1958																					
	1959																					
	1960																					
	1961																					
	1962																					
	1963																					
	1964																					
	1928																					
	1930																					
	1931																					
	1932																					
	1933																					
	1934																					
	1935																					
	1936																					
	1937																					
	1938																					
	1939																					
	1941																					
	1944																					
	1945																					
	1946																					
	1948																					
	1953																					
	1954																					
	1959																					
	1960																					
	1964																					
Kalamazoo R	1930											7	0.4								9	0.6
	1931			2	0.0	5	0.1			13	0.2	30	0.5	10	0.2							
	1932							35	1.9													
	1933							12	0.8			35	2.3	5	0.3							
	1934	24	0.3			15	0.2	5	0.1			22	0.3	6	0.1				3	0.0		
	1935			1	0.0							10	0.5									
	1936																138	1.3	6	0.1		
	1938									5	0.0	12	0.1	218	1.7						1	0.0
	1939	4	0.0	14	0.1	4	0.0	13	0.0	7	0.0	3	0.0	235	0.9				7	0.0		
	1942					5	0.0	2	0.0	1	0.0			7	0.0	121	0.8	2	0.0			

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Appendix 2.–Continued.

Segment and stream	Year	Angler Hours	Total #s Fish	Total CPE	Brook trout		Brown trout		Rainbow trout		Smallmouth bass		Largemouth bass		Bluegill		Pumpkinseed	
					Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE
Mouth – continued																		
Kalamazoo R – continued	1943	1112	876	0.8										104	0.1	14	0.0	
	1944	759	599	0.8										3	0.0			
	1945	421	373	0.9										32	0.1			
	1946	708	1001	1.4										24	0.0			
	1947	1741	3956	2.3												10	0.0	
	1948	127	299	2.4									1	0.0				
	1949	62	5	0.1							1	0.0						
	1950	101	232	2.3							14	0.1						
	1951	41	14	0.3									3	0.1				
	1953	176	150	0.9										3		1	0.0	
	1954	511	461	0.9										1	0.0	10	0.0	
	1956	236	570	2.4							4	0.0		9	0.0	117	0.5	
	1957	310	200	0.6										6	0.0	51	0.2	
	1958	195	63	0.3										5	0.0	12	0.1	
	1959	535	770	1.4										5	0.0	10	0.0	
	1960	548	620	1.1										52	0.1	73	0.1	
	1961	187	115	0.6										6	0.0	20	0.1	
	1962	275	219	0.8							3	0.0	1	0.0	2	0.0	11	0.0
	1963	211	81	0.4										2	0.0	3	0.0	
	1964	27	11	0.4										2	0.1			
Mann Cr	1928	2	4	2.0	4	2.0												
	1930	1	2	2.0		0.0	2	2.0										
	1931	4	10	2.5	10	2.5												
	1939	9	22	2.4	22	2.4												
	1941	14	21	1.5	21	1.5												
	1950	22	23	1.0	23	1.0												
	1952	87	50	0.6	41	0.5	9	0.1										
	1953	37	21	0.6	21	0.6												
	1954	34	9	0.3	9	0.3												
	1956	35	9	0.3	9	0.3												
	1957	53	11	0.2			11	0.2										
	1958	30	16	0.5			16	0.5										
	1959	118	89	0.8	89	0.8												
	1960	2	5	2.5	5	2.5												
	1961	13	8	0.6	6	0.5	2	0.2										
	1962	104	61	0.6	61	0.6												
	1963	85	51	0.6	51	0.6												
	1964	4	2	0.5	2	0.5												
Miller Cr	1930	24	28	1.2	28	1.2												
	1933	33	56	1.7	56	1.7												
	1936	27	13	0.5	13	0.5												
	1937	6	3	0.5	3	0.5												

Appendix 2.–Continued.

Segment and stream	Year	Rock bass		Black crappie		Yellow perch		Walleye		Northern pike		Bullhead		Carp		Sucker		Channel catfish		Bowfin	
		Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE
Mouth – continued																					
Kalamazoo R – continued	1943	11	0.0	9	0.0			98	0.1			6	0.0	609	0.5			25	0.0		
	1944	5	0.0	20	0.0	76	0.1	4	0.0			2	0.0	353	0.5	125	0.2	11	0.0		
	1945	2	0.0	6	0.0			3	0.0	11	0.0			303	0.7			16	0.0		
	1946	9	0.0	6	0.0			1	0.0			54	0.1	900	1.3	7	0.0				
	1947											85	0.0	3860	2.2			1	0.0		
	1948	2	0.0					6	0.0	1	0.0			285	2.2	4	0.0				
	1949													3	0.0	1	0.0				
	1950			12	0.1			5	0.0	3	0.0	12	0.1	113	1.1	66	0.7	7	0.1		
	1951									1	0.0			3	0.1			7	0.2		
	1953			35	0.2	3	0.0			2	0.0	27	0.2	22	0.1	56	0.3			1	0.0
	1954			62	0.1	66	0.1	48	0.1			101	0.2	80	0.2	76	0.1	17	0.0		
	1956			89	0.4	32	0.1	1	0.0			53	0.2	227	1.0	38	0.2				
	1957			10	0.0	3	0.0	3	0.0	1	0.0	41	0.1	70	0.2	15	0.0				
	1958			27	0.1					1	0.0	13	0.1	5	0.0						
	1959			68	0.1							70	0.1	582	1.1	31	0.1	3	0.0	1	0.0
	1960			6	0.0					7	0.0	72	0.1	388	0.7	11	0.0	11	0.0		
	1961	7	0.0	7	0.0	12	0.1					42	0.2	16	0.1	4	0.0	1	0.0		
	1962	1	0.0	3	0.0					5	0.0	13	0.0	88	0.3	46	0.2	46	0.2		
	1963	1	0.0	5	0.0	1	0.0					25	0.1	15	0.1	4	0.0	25	0.1		
	1964													1	0.0	8	0.3				
Mann Cr	1928																				
	1930																				
	1931																				
	1939																				
	1941																				
	1950																				
	1952																				
	1953																				
	1954																				
	1956																				
	1957																				
	1958																				
	1959																				
	1960																				
	1961																				
	1962																				
	1963																				
	1964																				
Miller Cr	1930																				
	1933																				
	1936																				
	1937																				

Kalamazoo River Assessment Appendix

Appendix 2.–Continued.

Segment and stream	Year	Angler Hours	Total #s Fish	Total CPE	Brook trout		Brown trout		Rainbow trout		Smallmouth bass		Largemouth bass		Bluegill		Pumpkinseed	
					Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE
Mouth – continued																		
Miller Cr – continued	1939	7	20	2.9	20	2.9												
	1941	2	3	1.5	3	1.5												
	1959	14	3	0.2	3	0.2												
	1963	6	1	0.2	1	0.2												
Rabbit R	1936	6	20	3.3													9	1.5
	1943	54	42	0.8							3	0.1	24	0.4				
	1944	27	6	0.2														
	1945	8	5	0.6									4	0.5				
	1946	8	1	0.1														
	1950	1	1	1.0														
	1957	22	19	0.9			17	0.8										
	1958	10	2	0.2			2	0.2										
	1959	29	28	1.0														
	1960	19	35	1.8														
	1961	27	10	0.4														
	1962	12	3	0.3			3	0.3										
	1963	46	10	0.2														
	1964	27	16	0.6														
Sand Cr	1933	5	18	3.6	18	3.6												
	1938	5	11	2.2	11	2.2												
	1941	26	18	0.7	18	0.7												
	1946	6	2	0.3	2	0.3												
	1948	2	0															
	1950	26	4	0.2	4	0.2												
	1956	3	4	1.3	4	1.3												
	1959	5	2	0.4	2	0.4												
	1963	7	3	0.4	3	0.4												
Silver Cr	1930	2	4	2.0	4	2.0												
	1933	7	2	0.3	2	0.3												
	1936	10	16	1.6	16	1.6												
	1938	7	4	0.6	4	0.6												
	1939	10	9	0.9	9	0.9												
	1941	14	19	1.4	19	1.4												
	1943	28	6	0.2	6	0.2												
	1945	60	18	0.3	18	0.3												
	1948	20	16	0.8	16	0.8												
	1950	20	0															
	1953	63	63	1.0	52	0.8	11	0.2										
	1954	53	30	0.6	17	0.3	13	0.2										
	1955	35	27	0.8	27	0.8												
	1956	48	1		1													
	1957	7	0															

Appendix 2.–Continued.

Segment and stream	Year	Rock bass		Black crappie		Yellow perch		Walleye		Northern pike		Bullhead		Carp		Sucker		Channel catfish		Bowfin	
		Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE
Mouth – continued																					
Miller Cr – continued	1939																				
	1941																				
	1959																				
	1963																				
Rabbit R	1936											10	1.7				1	0.2			
	1943	8	0.1	1	0.0						6	0.1									
	1944																6	0.2			
	1945													1	0.1						
	1946																1	0.1			
	1950																1	1.0			
	1957	1	0.0														1	0.0			
	1958																				
	1959																28	1.0			
	1960																35	1.8			
	1961													1	0.0		9	0.3			
	1962																				
	1963																10	0.2			
	1964									1	0.0						15	0.6			
Sand Cr	1933																				
	1938																				
	1941																				
	1946																				
	1948																				
	1950																				
	1956																				
	1959																				
	1963																				
Silver Cr	1930																				
	1933																				
	1936																				
	1938																				
	1939																				
	1941																				
	1943																				
	1945																				
	1948																				
	1950																				
	1953																				
	1954																				
	1955																				
	1956																				
	1957																				

Kalamazoo River Assessment Appendix

Appendix 2.–Continued.

Segment and stream	Year	Angler Hours	Total #s Fish	Total CPE	Brook trout		Brown trout		Rainbow trout		Smallmouth bass		Largemouth bass		Bluegill		Pumpkinseed		
					Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	
Mouth – continued																			
Silver Cr – continued	1958	2	0																
	1959	28	5	0.2	5	0.2													
	1960	26	17	0.7	17	0.7													
	1961	44	4	0.1	4	0.1													
	1962	37	14	0.4	14	0.4													
	1963	44	13	0.3	13	0.3													
	1964	87	74	0.9	72	0.8			2	0.0									
Swan Cr	1928	13	29	2.2	29	2.2													
	1930	18	4	0.2	3	0.2	1	0.1											
	1931	27	14	0.5	14	0.5													
	1932	2	2	1.0			1	0.5	1	0.5									
	1933	28	27	1.0	10	0.4	14	0.5	3	0.1									
	1934	42	12	0.3	10	0.2	2												
	1935	31	3	0.1	3	0.1													
	1936	95	16	0.2	8	0.1	7	0.1	1	0.0									
	1938	79	121	1.5			10	0.1	61	0.8					50	0.6			
	1939	174	102	0.6	2		12	0.1	46	0.3									
	1941	112	34	0.3			3		18	0.2									
	1943	228	251	1.1											189	0.8	49	0.2	
	1944	86	10	0.1					7	0.1									
	1945	71	29	0.4	6	0.1	5	0.1	14	0.2									
	1946	88	10	0.1	2		6	0.1											
	1948	31	5	0.2			3	0.1	2	0.1									
	1950	25	2	0.1			1						1	0.0					
	1952	130	40	0.3	3		26	0.2	11	0.1									
	1953	146	84	0.6	5		25	0.2	51	0.3									
	1954	70	41	0.6	8	0.1	13	0.2	20	0.3									
	1955	114	87	0.8	10	0.1	59	0.5	18	0.2									
	1956	186	141	0.8			17	0.1	124	0.7									
	1957	243	80	0.3			13	0.1	67	0.3									
	1958	91	80	0.9			7	0.1	73	0.8									
	1959	124	33	0.3	10	0.1	8	0.1	15	0.1									
	1960	87	42	0.5	1		19	0.2	22	0.3									
	1961	286	342	1.2	40	0.1	191	0.7	111	0.4									
	1962	103	5		1		4												
	1963	135	59	0.4			39	0.3	20	0.1									
	1964	304	114	0.4	1		46	0.2	67	0.2									

Appendix 2.–Continued.

Segment and stream	Year	Rock bass		Black crappie		Yellow perch		Walleye		Northern pike		Bullhead		Carp		Sucker		Channel catfish		Bowfin	
		Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE	Catch	CPE
Mouth – continued																					
Silver Cr – continued	1958																				
	1959																				
	1960																				
	1961																				
	1962																				
	1963																				
	1964																				
Swan Cr	1928																				
	1930																				
	1931																				
	1932																				
	1933																				
	1934																				
	1935																				
	1936																				
	1938																				
	1939							5	0.0	37	0.2										
	1941									13	0.1										
	1943	2	0.0	5	0.0							6	0.0								
	1944									3	0.0										
	1945									2	0.0	2	0.0								
	1946																2	0.0			
	1948																				
	1950																				
	1952																				
	1953																3	0.0			
	1954																				
	1955																				
	1956																				
	1957																				
	1958																				
	1959																				
	1960																				
	1961																				
	1962																				
	1963																				
	1964																				