Original: Fish Division cc: Institute for Fisheries Research R. C. Barber

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ANN ARBOR, MICHIGAN

## INSTITUTE FOR FISHERIES RESEARCH

DIVISION OF FISHERIES MICHIGAN DEPARTMENT OF CONSERVATION COOPERATING WITH THE UNIVERSITY OF MICHIGAN

February 11, 1952

Report No. 1316

ALBERT S. HAZZARD, PH.D. DIRECTOR

## SUMMARY OF MOTOR VEHICLE OPERATIONS

FOR THE CALENDAR YEAR 1951

Ву

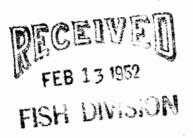
## Robert C. Barber

This is the eleventh annual report on motor vehicles operated by the Institute for Fisheries Research. The author has followed the same general pattern as was used in previous reports. This is to facilitate a comparison with other annual vehicle reports. All tables are self-explanatory. Only the summary tables 1 and 2 have been typed and are included in copies of this report which are distributed. The detailed tables of individual unit operational costs are on file in Ann Arbor with the Institute's copy of this report.

One new vehicle was purchased in June, a Plymouth suburban, license number 12-719.

One new vehicle was purchased in September, a Chevrolet coupe, license number 12-637. The old car (12-637) was kept, license number 12-736 was put on it, and it is used by a creel census clerk.

Three vehicles were purchased in October, license numbers 12-632, 12-633 and 12-634. These are all sedan deliveries and the old cars, which they replaced, were turned over to the salvage department.



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Table	1
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Vehicles used by Institute for Fisheries Research during 1951

Total mileage	Total cost of operation to date	Year	Make	Body style
44,232	1,365.61	1949	Chevrolet	Suburban carryall
62,365	1,167.80	<b>19</b> 48	Chevrolet	Four door sedan
37,506	1,218.58	1950	Chevrolet	Suburban carryall
71,638	2,177.24	1946	Chevrolet	Suburban carryall
449	25.11	1951	Chevrolet	Suburban carryall
56,556	1,671.17	1946	Chevrolet	Suburban carryall
1,600	49.57	1951	Chevrolet	Suburban carryall
20,599	518.11	1949	Chevrolet	Sedan delivery
28,455	811.23	1949	Chevrolet	Suburban carryall
49,264	1,223.46	<b>19</b> 48	Plymouth	Coupe
92,001	2,521.82	1947	Chevrolet	Sedan delivery
1,621	66.53	1951	Chevrolet	Sedan delivery
81,151	2,679.00	1947	Chevrolet	Sedan delivery
7 <b>2</b> 6	21.53	1951	Chevrolet	Sedan delivery
84,819	2,386.11	1947	Chevrolet	Sedan delivery
2,531	62.82	1951	Chevrolet	Sedan delivery
78,216	2,216.41	1947	Chevrolet	Sedan delivery
24,104	1,065.42	1946	Ford	Pick-up
76,421	2,255.19	1947	Chevrolet	Coupe
3,883	98.11	1951	Chevrolet	Coupe
19,447	996.75	1947	Willys	Jeep pick-up
1,138	89.16	1951	Willys	Jeep pick-up
45,460	1,157.66	<b>19</b> 48	Chevrolet	Sedan delivery
56,621	1,754.28	1948	Chevrolet	Sedan delivery
65,954	1,527.34	1948	Chevrolet	Sedan delivery
		1948	Chevrolet	Suburban carryall
37,478	1,379.35	1949	Ford	F-6 stake
13,022	526.31	1950	Plymouth	Suburban carryall
	mileage 44,232 62,365 37,506 71,638 449 56,556 1,600 20,599 28,455 49,264 92,001 1,621 81,151 726 84,819 2,531 78,216 24,104 76,421 3,883 19,447 1,138 45,460 56,621 65,954 44,783 37,478	mileageof operation to date44,2321,365.6162,3651,167.8037,5061,218.5871,6382,177.2444925.1156,5561,671.171,60049.5720,599518.1128,455811.2349,2641,223.4692,0012,521.821,62166.5381,1512,679.0072621.5384,8192,386.112,53162.8278,2162,216.4124,1041,065.4276,4212,255.193,88398.1119,447996.751,13889.1645,4601,157.6656,6211,754.2865,9541,527.3444,7831,505.5837,4781,379.35	mileageof operation to date $44,232$ 1,365.611949 $62,365$ 1,167.801948 $37,506$ 1,218.581950 $71,638$ 2,177.241946 $449$ 25.111951 $56,556$ 1,671.171946 $1,600$ 49.571951 $20,599$ 518.111949 $28,455$ 811.231949 $49,264$ 1,223.461948 $92,001$ 2,521.821947 $1,621$ 66.531951 $81,151$ 2,679.001947 $726$ 21.531951 $84,819$ 2,386.111947 $2,531$ $62.82$ 1951 $78,216$ 2,216.411947 $2,531$ $62.82$ 1951 $76,421$ 2,255.191947 $3,883$ 98.111951 $19,447$ 996.751947 $1,138$ 89.161951 $45,460$ 1,157.661948 $56,621$ 1,754.281948 $44,783$ 1,505.581948 $37,478$ 1,379.351949	mileageof operation to date $44,232$ 1,365.611949Chevrolet62,3651,167.801948Chevrolet37,5061,218.581950Chevrolet71,6382,177.241946Chevrolet $449$ 25.111951Chevrolet56,5561,671.171946Chevrolet1,60049.571951Chevrolet20,599518.111949Chevrolet28,455811.231949Chevrolet49,2641,223.461948Plymouth92,0012,521.821947Chevrolet1,62166.531951Chevrolet72621.531951Chevrolet72621.531951Chevrolet78,2162,216.411947Chevrolet24,1041,065.421946Ford76,4212,255.191947Chevrolet3,88398.111951Chevrolet1,3889.161951Willys1,13889.161951Willys45,4601,157.661948Chevrolet56,6211,754.281948Chevrolet56,59541,527.341948Chevrolet44,7831,505.581948Chevrolet37,4781,379.351949Ford

\* Old vehicle replaced by new one
\*\* New vehicle
\*\*\* Old vehicle still in use with new license plates (12-736)

Table	2
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Summary of individual motor vehicle operations for 1951

License	Gasoline gallons	Cost of gasoline	0il quarts	Cost of oil	Cost of tires & tubes	Cost of repairs misc.exp	Mileage during D. 1951	Cost of operation 1951	Miles per gal- lon of gas	Total cost p <b>er</b> mile
12-607 12-616 12-617 12-618 12-619 12-619 12-621 12-629 12-630 12-632 12-632 12-632 12-633 12-633 12-633 12-633 12-634 12-635 12-636 12-637 12-637 12-652 12-652 12-652 12-655 12-656 12-656 12-656 12-652	780.7 1,168.8 1,364.9 559.5 41.3 502.1 122.3 412.6 1,277.3 894.8 304.1 129.6 923.1 46.1 854.1 153.7 1,108.3 419.1 791.4 223.6 406.6 142.1 684.3 725.1 676.5 974.9	210.54 308.26 367.79 127.34 11.56 140.07 35.27 115.48 337.20 251.45 83.22 37.78 253.99 12.63 189.39 35.67 308.78 114.20 212.82 62.52 111.88 40.73 189.97 200.55 182.28 266.24	$\begin{array}{c} 37\\ 57\\ 71\\ 31\\ 126\\ 20\\ 765\\ 13\\ 46\\ 216\\ 424\\ 96\\ 32\\ 86\\ 32\\ 43\\ 47\\ 53\end{array}$	13.42 20.99 26.18 10.31 40.89 3.20 7.88 28.89 25.38 4.97 1.68 30.32 .85 16.26 2.40 17.03 9.30 18.65 2.40 17.03 9.30 18.65 2.40 12.20 3.20 16.57 12.51 18.26 20.10	$\begin{array}{c} 85.09\\ 78.61\\ 22.33\\ 31.00\\\\ 25.78\\\\ 3.00\\ 84.47\\ 54.20\\ 1.50\\ 2.00\\ 23.12\\\\ 13.85\\ 22.60\\ 12.54\\ 10.71\\ 40.01\\ 3.00\\ 3.50\\ 2.00\\ 49.13\\ 8.99\\ 59.68\\ 25.38\end{array}$	179.46 282.81 264.03 39.70 13.55 65.96 11.10 64.54 88.52 164.41 60.51 25.07 471.26 8.05 83.37 5.15 131.41 93.70 215.40 30.19 77.16 43.23 94.98 344.64 54.16 397.98	10,337 19,941 19,562 6,262 449 6,502 1,600 6,016 18,205 14,009 4,895 1,621 12,858 726 13,099 2,531 17,165 4,567 12,997 3,883 2,394 1,138 11,918 12,101 11,725 14,777	488.51 690.67 680.33 208.35 25.11 272.70 49.57 190.90 539.08 495.44 150.20 66.53 778.69 21.53 302.87 65.82 469.76 227.91 486.88 98.11 204.74 89.16 350.65 566.69 314.38 709.70	13.2417.0614.3311.1910.8712.9513.0814.5814.2515.6616.1012.5113.9315.7515.3416.4715.4910.9016.4217.375.898.0117.4216.6917.3315.16	.047 .035 .035 .035 .035 .042 .031 .032 .030 .035 .031 .041 .061 .030 .023 .026 .027 .040 .025 .040 .029 .047 .027 .048 $fe^{th}$
12-675 12-719 Totals	779.3 751.9	186.51 203.49	26 27	8.58 10.80	5.84	145.70 306.18	3,770 13,022	340.79 526.31	4.84 17.32	.090 !- 'state .040
or Averages	17,218.1	+ <b>,</b> 597 <b>.</b> 61	1,047 3	383.22	668.33	3,762.22	248 <b>,0</b> 70	9,4 11.38	14.41	.038

A new one-half ton jeep was also purchased in October, license number 12-652, and the old jeep was sold by the salvage department.

One new vehicle was purchased in November, a Chevrolet suburban carryall, license number 12-619. The old one was turned over to the salvage department.

One new vehicle was purchased in December, a Chevrolet suburban carryall, license number 12-618. The old one was turned over to the salvage department

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