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Research
K. G. Fukano

INSTITUTE FOR FISHERIES RESEARCH
DIVISION OF FISHERIES
MICHIGAN DEPARTMENT OF CONSERVATION
COOPERATING WITH THE
UNIVERSITY OF MICHIGAN

ALBERT S. HAZZARD, PH.D.
DIRECTOR

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Report No. 1208

Summary of motor vehicle operations
for the calendar year 1948

by

K. G. Fukano

A report on the motor vehicles operated by the Institute has been prepared annually since 1941. To facilitate comparison with previous summaries this report will follow the pattern of Institute Reports Nos. 752, 752A, 922, 985, 1034, 1129, and 1162.

All tables are self-explanatory. During the year four vehicles, #681 old (1939 1 1/2 ton panel Ford truck), #682 old (1939 1 1/2 ton panel Ford truck), #691 old (1941 Chevrolet suburban carryall), and #692 old (1941 Chevrolet coupe) were turned in. Five vehicles were turned over to the District Fisheries Supervisors on the first of October. These trucks were #680 (1946 Ford sedan delivery), #702 (1946 Chevrolet suburban carryall), #705 (1947 Chevrolet sedan delivery), #706 (1947 Chevrolet sedan delivery), and #2640 (1948 Chevrolet sedan delivery). The following table lists the motor vehicles used by the Institute during 1948:

(A) (W)

License number	Total mileage to date	Total cost of operations to date	Year	Make	Body style
671	69,595	1,937.64	1942	Chevrolet	Sedan delivery
675	29,503	757.73	1946	Chevrolet	Suburban carryall
680*	27,525	644.09	1946	Ford	Sedan delivery
681 old ¹	54,220	1,973.96	1939	Ford	1 1/2-ton panel truck
681	7,002	178.83	1948	Chevrolet	Suburban carryall
682 old ²	68,934	1,849.40	1939	Ford	1 1/2-ton panel truck
682	9,387	171.13	1948	Chevrolet	Sedan delivery
691 old ³	105,191	2,048.58	1941	Chevrolet	Suburban carryall
691	11,805	217.96	1948	Chevrolet	Suburban carryall
692 old ⁴	116,456	2,435.14	1941	Chevrolet	Coupe
692	4,921	120.74	1948	Chevrolet	4-door sedan
694	70,125	1,740.42	1941	Chevrolet	3/4-ton panel truck
701	35,966	951.30	1946	Chevrolet	Suburban carryall
702*	26,126	662.30	1946	Chevrolet	Suburban carryall
704	33,638	665.56	1947	Chevrolet	Sedan delivery
705*	37,672	863.90	1947	Chevrolet	Sedan delivery
706*	43,704	1,016.64	1947	Chevrolet	Sedan delivery
707	36,801	780.48	1947	Chevrolet	Sedan delivery
708	9,003	310.96	1947	Ford	Express one-ton pickup
709	30,205	597.90	1947	Chevrolet	Coupe
1071	7,047	139.81	1948	Willys	Jeep pickup
2639	9,146	225.05	1948	Chevrolet	Sedan delivery
2640*	6,744	111.68	1948	Chevrolet	Sedan delivery
2680	1,195	15.30	1948	Plymouth	Coupe

- * Turned over to District Fisheries Supervisors first of October.
- 1 Traded in August 2.
- 2 Turned in July 27.
- 3 Traded in May 24.
- 4 Turned in July 29.

Tables 1 to 24, inclusive summarize the monthly cost of operation for each vehicle. The total monthly cost of operations is presented in Table 25. The yearly summary for each unit is presented in Table 26.

INSTITUTE FOR FISHERIES RESEARCH

By K. G. Fukano

Report approved by: A. S. Hazzard

Report typed by: M. J. Lambert

Table 1

License number 671 (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	58.0	10.44	5	2.00	...	1.95	621	58,692	14.39	1,495.77
February	39.0	7.17	...	...	...	...	385	59,077	7.17	1,502.94
March	79.0	14.22	6	2.15	.75	3.93	983	60,060	21.05	1,523.99
April	63.5	12.43	6	2.40	2.00	93.08	652	60,712	109.91	1,633.90
May	83.5	15.03	3	.45	1.45	5.23	1,106	61,818	22.16	1,656.06
June	96.7	19.31	8	2.40	1.25	1.38	1,440	63,258	24.34	1,680.40
July	78.6	15.00	1	.15	.75	...	1,273	64,531	15.90	1,696.30
August	95.9	19.32	8	2.70	1.50	13.88	1,438	65,969	37.40	1,733.70
September	85.2	17.78	8	2.46	.75	12.27	1,295	67,264	33.26	1,766.96
October	61.3	12.10	2	.80	...	81.19	938	68,202	94.09	1,861.05
November	78.0	18.87	1	.41	...	...	1,000	69,202	19.28	1,880.33
December	22.6	5.84	...	...	1.00	50.47	393	69,595	57.31	1,937.64
Total	841.3	167.51	48	15.92	9.45	263.38	11,524	69,595	456.26	1,937.64

Table 2

License number 675 (Chevrolet suburban carryall)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	59.2	13.14	6	2.12	4.50	2.25	781	15,094	22.01	366.84
February	56.5	12.36	1	.37	12.12	3.62	627	15,721	28.47	395.31
March	44.6	11.83	7	2.42	...	11.40	680	16,401	25.65	420.96
April	174.6	36.34	5	1.38	...	7.51	2,743	19,144	45.23	466.19
May	172.5	35.19	9	2.62	1.50	6.50	2,731	21,875	45.81	512.00
June	141.7	26.29	14	4.10	1.00	2.50	1,855	23,730	33.89	545.89
July	197.6	42.65	15	5.25	16.47	21.85	2,387	26,117	86.22	632.11
August	62.0	15.33	2	.82	13.62	...	808	26,925	29.77	661.88
September	37.6	8.29	1	.15	.05	1.15	497	27,422	9.64	671.52
October	110.7	25.90	4	1.35	1.00	8.60	1,541	28,963	36.85	708.37
November	25.7	6.60	1	.30	...	38.41	298	29,261	45.31	753.68
December	13.7	3.63	1	.42	...	...	242	29,503	4.05	757.73
Total	1,096.4	237.55	66	21.30	50.26	103.79	15,190	29,503	412.90	757.73

Table 3

License number 680 (Ford sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	70.0	13.46	...	...	...	.36	792	14,305	13.82	297.28
February	83.0	16.64	5	2.05	...	18.59	1,151	15,456	37.28	334.56
March	83.3	15.90	...	...	...	1.05	1,075	16,531	16.95	351.51
April	150.4	33.30	8	2.88	1.50	7.33	2,224	18,755	45.01	396.52
May	129.0	32.44	4	1.33	...	19.95	1,771	20,526	53.72	450.24
June	129.0	33.28	11	4.52	...	8.50	1,934	22,460	46.30	496.54
July	132.0	35.66	6	2.35	2.00	35.95	1,918	24,378	75.96	572.50
August	108.0	28.47	7	2.51	...	2.50	1,525	25,903	33.48	605.98
September	112.1	27.31	6	2.40	.75	7.65	1,622	27,525	38.11	644.09
Total	996.8	236.46	47	18.04	4.25	101.88	14,012	27,525	360.63	644.09

Table 4

License number 681 old (Ford 1 1/2-ton panel truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	145.5	27.83	15	3.45	...	7.35	1,388	49,255	38.63	1,819.11
February	90.3	16.25	10	2.75	...	2.05	851	50,106	21.05	1,840.16
March	90.5	16.29	9	1.35	5.50	1.10	1,150	51,256	24.24	1,864.40
April	49.4	10.23	6	1.20	...	5.07	454	51,710	16.50	1,880.90
May	101.8	23.66	9	2.11	...	26.19	1,264	52,974	51.96	1,932.86
June	87.0	21.49	9	2.36	2.05	8.60	1,081	54,055	34.50	1,967.36
July	22.9	5.60	3	1.00	...	...	165	54,220	6.60	1,973.96
August	Traded in August 2, 1948									
Total	587.4	121.35	61	14.22	7.55	50.36	6,353	54,220	193.48	1,973.96

Table 5

License number 681 new (Chevrolet suburban carryall)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
August	133.2	28.88	5	2.00	...	5.75	2,249	2,249	36.63	36.63
September	172.3	40.68	5	2.00	1.50	35.80	2,576	4,825	79.98	116.61
October	60.7	11.79	6	2.15	...	2.52	752	5,577	16.46	133.07
November	20.0	4.23	...	...	1.00	22.45	408	5,985	27.68	160.75
December	70.8	16.08	...	...	...	2.00	1,017	7,002	18.08	178.83
Total	457.0	101.66	16	6.15	2.50	68.52	7,002	7,002	178.83	178.83

Table 6

License number 682 old (Ford 1 1/2-ton panel truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	64.5	13.19	5	1.25	...	40.26	688	65,482	54.70	1,723.84
February	42.1	11.03	...	...	...	3.65	354	65,836	14.68	1,738.52
March	58.7	14.85	1	.15	...	...	753	66,589	15.00	1,753.52
April	71.6	13.16	6	1.90	...	36.05	724	67,313	51.11	1,804.63
May	78.1	18.72	...	...	...	8.95	868	68,181	27.67	1,832.30
June	31.0	6.86	1	.15	...	...	317	68,498	7.01	1,839.31
July	40.7	9.77	1	.32	...	...	436	68,934	10.09	1,849.40
Traded in July 27, 1948										
Total	386.7	87.58	14	3.77	...	88.91	4,140	68,934	180.26	1,849.40

Table 7

License number 682 new (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
July	...	...	...	...	...	...	53	53	...	...
August	138.7	31.94	6	2.40	1.00	6.93	2,380	2,433	42.27	42.27
September	102.3	23.99	6	2.40	...	.75	1,419	3,852	27.14	69.41
October	126.0	28.58	5	2.00	...	9.85	2,173	6,025	40.43	109.84
November	136.3	31.53	1	.15	...	3.60	2,192	8,217	35.28	145.12
December	81.3	19.51	5	2.00	...	4.50	1,170	9,387	26.01	171.13
Total	584.6	135.55	23	8.95	1.00	25.63	9,387	9,387	171.13	171.13

Table 8

License number 691 (Chevrolet suburban carryall)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	5	1.50	...	.75	2	105,191	2.25	2,048.58
February	105,191	...	2,048.58
March	105,191	...	2,048.58
April	105,191	...	2,048.58
Traded in May 24, 1948										
Total	5	1.50	...	.75	2	105,191	2.25	2,048.58

Table 9

License number 691 new (Chevrolet suburban carryall)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
May	35.1	7.25	...	...	...	2.00	516	516	9.25	9.25
June	74.9	17.23	6	1.00	...	2.00	968	1,484	20.23	29.48
July	106.3	23.93	5	2.00	...	3.40	1,543	3,027	29.33	58.81
August	103.0	19.54	5	1.95	...	1.31	1,754	4,781	22.80	81.61
September	166.2	35.24	1	.15	...	3.25	2,621	7,402	38.64	120.25
October	148.5	34.79	7	2.80	...	14.55	2,231	9,633	52.14	172.39
November	83.7	20.86	5	2.00	...	3.50	1,207	10,840	26.36	198.75
December	66.0	16.81	1	.40	...	2.00	965	11,805	19.21	217.96
Total	783.7	175.65	30	10.30	...	32.01	11,805	11,805	217.96	217.96

Table 10

License number 692 old (Chevrolet coupe)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	61.8	14.92	8	2.45	...	2.70	985	111,818	20.07	2,301.46
February	56.4	13.97	16	4.78	...	23.66	954	112,772	42.41	2,343.87
March	71.2	15.93	14	3.28	...	12.10	1,083	113,855	31.31	2,375.18
April	91.8	19.01	14	3.05	...	17.30	1,434	115,289	39.36	2,414.54
May	79.7	15.60	10	2.25	...	2.75	1,167	116,456	20.60	2,435.14
June	...	...	...	...	...	...	...	116,456	...	2,435.14
July	...	...	...	...	...	...	...	116,456	...	2,435.14
Traded in July 29, 1948										
Total	360.9	79.43	62	15.81	...	58.51	5,623	116,456	153.75	2,435.14

Table 11

License number 692 new (Chevrolet 4-door sedan)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
July	13.5	3.45	...	...	...	...	305	305	3.45	3.45
August	70.4	17.96	10	4.00	...	13.90	1,145	1,450	35.86	39.31
September	103.8	22.83	1	.35	...	3.16	1,774	3,224	26.34	65.65
October	20.3	4.93	5	2.00	...	11.75	541	3,765	18.68	84.33
November	20.2	4.98	...	...	...	...	302	4,067	4.98	89.31
December	62.3	14.33	6	2.35	...	14.75	854	4,921	31.43	120.74
Total	290.5	68.48	22	8.70	...	43.56	4,921	4,921	120.74	120.74

Table 12

License number 694 (Chevrolet 3/4-ton panel truck)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	49.0	8.82	5	1.90	...	2.70	527	58,569	13.42	1,490.72
February	31.0	5.58	2	.30	...	...	535	59,104	5.88	1,496.60
March	66.4	13.18	2	.47	...	9.49	968	60,072	23.14	1,519.74
April	81.4	15.36	3	.45	...	1.00	1,275	61,347	16.81	1,536.55
May	81.0	16.14	3	.45	...	61.69	1,453	62,800	78.28	1,614.83
June	116.0	20.88	8	2.25	...	3.44	1,849	64,649	26.57	1,641.40
July	91.0	16.38	8	1.85	1.25	3.71	1,721	66,370	23.19	1,664.59
August	87.0	16.90	10	1.70	1.50	...	1,293	67,663	20.10	1,684.69
September	86.0	17.69	1	.15	...	5.50	1,263	68,926	23.34	1,708.03
October	72.8	17.67	6	1.81	...	12.91	1,155	70,081	32.39	1,740.42
November	...	...	...	...	...	...	...	70,081	...	1,740.42
December	...	...	...	...	...	...	44	70,125	...	1,740.42
Total	761.6	148.60	48	11.33	2.75	100.44	12,083	70,125	263.12	1,740.42

Table 13

License number 701 (Chevrolet suburban carryall)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	64.3	16.39	1	.41	...	1.46	796	20,686	18.26	466.20
February	54.1	14.02	5	2.05	.75	1.50	727	21,413	18.32	484.52
March	80.8	19.06	3	1.14	...	8.75	1,125	22,538	28.95	513.47
April	48.5	11.94	2	.75	...	1.75	764	23,302	14.44	527.91
May	145.0	29.32	8	3.15	3.00	6.90	2,317	25,619	42.37	570.28
June	83.8	16.09	10	3.75	11.62	5.50	1,414	27,033	36.96	607.24
July	152.1	28.36	8	3.20	.75	11.58	2,171	29,204	43.89	651.13
August	203.0	36.54	11	4.15	16.75	19.55	2,976	32,180	76.99	728.12
September	83.0	14.94	1	.15	...	111.00	1,209	33,389	126.09	854.21
October	151.9	33.00	6	2.41	...	7.80	1,971	35,360	43.21	897.42
November	44.5	9.57	5	2.00	1.55	5.65	352	35,712	18.77	916.19
December	25.0	4.50	1	.40	...	30.21	254	35,966	35.11	951.30
Total	1,136.0	233.73	61	23.56	34.42	211.65	16,076	35,966	503.36	951.30

Table 14

License number 702 (Chevrolet suburban carryall)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	78.1	19.91	2	.66	...	...	992	15,630	20.57	407.91
February	63.9	15.99	5	1.60	2.00	27.26	779	16,409	46.85	454.76
March	14.0	3.73	1	.35	...	...	371	16,780	4.08	458.84
April	152.9	28.72	1	.15	37.22	2.00	1,738	18,518	68.09	526.93
May	140.0	26.84	8	2.25	1.20	1.25	1,764	20,282	31.54	558.47
June	122.1	24.07	5	1.75	...	1.55	1,561	21,843	27.37	585.84
July	127.2	23.98	6	2.15	.75	2.70	1,476	23,319	29.58	615.42
August	110.0	20.70	6	2.15	...	1.00	1,375	24,694	23.85	639.27
September	100.2	19.08	8	2.45	...	1.50	1,432	26,126	23.03	662.30
Total	908.4	183.02	42	13.51	41.17	37.26	11,488	26,126	274.96	662.30

Table 15

License number 704 (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	38.0	6.84	...	...	.75	7.85	573	15,327	15.44	306.16
February	99.0	18.25	2	.30	5.00	5.65	1,466	16,793	29.20	335.36
March	97.8	19.20	...	...	...	...	1,517	18,310	19.20	354.56
April	64.0	11.52	6	2.15	2.25	2.25	1,107	19,417	18.17	372.73
May	182.5	32.85	7	2.55	...	18.60	2,950	22,367	54.00	426.73
June	155.3	30.44	10	4.00	3.10	4.30	2,707	25,074	41.84	468.57
July	152.8	29.55	6	2.15	.75	7.15	2,497	27,571	39.60	508.17
August	102.6	19.12	5	2.00	...	5.65	1,659	29,230	26.77	534.94
September	95.4	19.49	1	.40	1.00	...	1,624	30,854	20.89	555.83
October	75.2	14.35	...	...	...	...	1,053	31,907	14.35	570.18
November	39.0	7.02	...	...	...	...	676	32,583	7.02	577.20
December	76.1	18.87	6	2.42	1.20	65.87	1,055	33,638	88.36	665.56
Total	1,177.7	227.50	43	15.97	14.05	117.32	18,884	33,638	374.84	665.56

Table 16

License number 705 (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	108.0	28.27	7	2.48	...	6.57	1,676	19,631	37.32	378.19
February	50.1	12.28	2	.82	...	4.50	839	20,470	17.60	395.79
March	112.6	30.14	9	3.61	1.50	32.05	1,615	22,085	67.30	463.09
April	175.8	45.65	5	2.03	1.26	2.57	3,030	25,115	51.51	514.60
May	249.2	61.59	11	4.40	1.00	71.18	4,093	29,208	138.17	652.77
June	204.4	44.96	11	4.02	...	5.55	3,595	32,803	54.53	707.30
July	84.0	15.62	7	2.30	...	7.50	1,504	34,307	25.42	732.72
August	83.0	14.94	7	2.30	45.95	34.32	1,461	35,768	97.51	830.23
September	104.0	19.92	9	2.95	.75	10.05	1,904	37,672	33.67	863.90
Total	1,171.1	273.37	68	24.91	50.46	174.29	19,717	37,672	523.03	863.90

Table 17

License number 706 (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	82.0	17.08	5	1.80	2.50	2.43	1,224	21,401	23.81	457.39
February	98.5	20.06	6	2.15	2.00	1.00	1,322	22,723	25.21	482.60
March	182.2	34.74	8	2.45	...	44.90	2,495	25,218	82.09	564.69
April	226.5	44.71	14	5.15	13.30	3.53	3,451	28,669	66.69	631.38
May	190.4	36.75	18	4.90	...	41.20	3,128	31,797	82.85	714.23
June	250.2	55.57	15	5.25	23.10	6.75	3,924	35,721	90.67	804.90
July	206.3	47.51	13	5.30	11.55	24.65	3,588	39,309	89.01	893.91
August	177.5	37.92	15	4.75	.75	5.59	2,711	42,020	49.01	942.92
September	106.7	23.04	2	.55	...	50.13	1,684	43,704	73.72	1,016.64
Total	1,520.3	317.38	96	32.30	53.20	180.18	23,527	43,704	583.06	1,016.64

Table 18

License number 707 (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	115.3	27.17	7	2.42	1.00	16.13	1,916	17,735	46.72	347.63
February	74.6	18.68	...	...	...	7.90	1,091	18,826	26.58	374.21
March	116.5	26.70	7	2.81	2.75	12.89	2,050	20,876	45.15	419.36
April	131.3	28.99	9	3.49	...	2.17	2,106	22,982	34.65	454.01
May	149.5	34.04	7	2.78	1.95	11.32	2,791	25,773	50.09	504.10
June	117.5	26.19	2	.55	1.00	18.58	2,002	27,775	46.32	550.42
July	173.6	38.51	12	4.30	4.10	3.15	2,774	30,549	50.06	600.48
August	134.2	29.00	10	3.00	...	6.35	1,925	32,474	38.35	638.83
September	117.3	26.21	8	2.40	...	11.00	1,609	34,083	39.61	678.44
October	80.3	19.78	7	2.45	2.00	11.45	1,118	35,201	35.68	714.12
November	53.4	12.48	5	1.75	...	5.60	609	35,810	19.83	733.95
December	69.4	17.15	12	4.20	22.68	2.50	991	36,801	46.53	780.48
Total	1,332.9	304.90	86	30.15	35.48	109.04	20,982	36,801	479.57	780.48

Table 19

License number 708 (Ford one-ton pickup)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	...	...	...	...	...	...	...	3,517	...	127.62
February	...	...	...	...	...	...	...	3,517	...	127.62
March	...	...	...	...	...	...	...	3,517	...	127.62
April	49.3	12.65	...	...	50.00	...	725	4,242	62.65	190.27
May	56.4	14.50	2	.80	...	...	535	4,777	15.30	205.57
June	54.2	13.92	5	2.00	...	1.50	691	5,468	17.42	222.99
July	45.5	11.68	...	...	...	...	599	6,067	11.68	234.67
August	56.2	14.45	2	.80	...	...	595	6,662	15.25	249.92
September	74.7	19.13	2	.80	...	.31	854	7,516	20.24	270.16
October	49.6	12.76	1	.40	...	2.40	600	8,116	15.56	285.72
November	52.8	13.59	1	.35	...	...	655	8,771	13.94	299.66
December	15.0	3.85	...	...	3.00	4.45	232	9,003	11.30	310.96
Total	453.7	116.53	13	5.15	53.00	8.66	5,486	9,003	183.34	310.96

Table 20

License number 709 (Chevrolet coupe)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
January	51.0	13.14	...	...	...	6.98	771	11,458	20.12	203.97
February	113.6	26.78	1	.15	...	1.50	2,034	13,492	28.43	232.40
March	61.6	13.77	...	...	1.50	1.50	1,129	14,621	16.77	249.17
April	121.6	30.82	2	.75	...	25.45	2,142	16,763	57.02	306.19
May	180.6	39.33	6	2.15	...	7.00	3,358	20,121	48.48	354.67
June	105.1	24.63	1	.30	3.07	1.50	1,872	21,993	29.50	384.17
July	46.6	10.76	5	2.00	.65	12.45	918	22,911	25.86	410.03
August	204.3	48.14	12	4.35	.75	41.20	3,658	26,569	94.44	504.47
September	143.0	29.18	6	2.40	...	2.75	2,318	28,887	34.33	538.80
October	43.0	8.31	1	.40	...	26.85	832	29,719	35.56	574.36
November	18.8	4.60	...	...	...	...	404	30,123	4.60	578.96
December	9.0	2.19	5	2.00	...	14.75	82	30,205	18.94	597.90
Total	1,098.2	251.65	39	14.50	5.97	141.93	19,518	30,205	414.05	597.90

Table 21

License number 1071 (Willys jeep pickup)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
March	...	...	...	...	...	...	82	82	...	...
April	45.2	9.00	1	.15	...	...	805	887	9.15	9.15
May	91.5	16.47	5	1.71	...	...	1,154	2,041	18.18	27.33
June	82.0	14.76	5	1.75	...	1.00	1,145	3,186	17.51	44.84
July	85.0	15.30	1	.15	...	...	1,066	4,252	15.45	60.29
August	80.0	14.40	...	...	...	...	1,009	5,261	14.40	74.69
September	49.1	9.58	5	1.80	...	6.64	580	5,841	18.02	92.71
October	68.0	12.24	1	.15	...	3.05	512	6,353	15.44	108.15
November	11.5	2.19	5	1.75	...	5.85	197	6,550	9.79	117.94
December	84.0	15.12	...	...	...	6.75	497	7,047	21.87	139.81
Total	596.3	109.06	23	7.46	...	23.29	7,047	7,047	139.81	139.81

Table 22

License number 2639 (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
June	12.8	3.38	...	...	...	.50	207	207	3.88	3.88
July	127.2	33.66	11	4.40	...	...	2,553	2,760	38.06	41.94
August	97.5	25.74	5	2.00	...	16.60	1,416	4,176	44.34	86.28
September	100.1	25.71	7	2.50	2.75	7.46	1,288	5,464	38.42	124.70
October	106.7	27.13	7	2.45	...	8.75	1,468	6,932	38.33	163.03
November	64.5	16.23	...	...	1.25	...	1,231	8,163	17.48	180.51
December	67.7	17.61	5	2.00	23.68	1.25	983	9,146	44.54	225.05
Total	576.5	149.46	35	13.35	27.68	34.56	9,146	9,146	225.05	225.05

Table 23

License number 2640 (Chevrolet sedan delivery)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
June	29.2	6.55	5	2.00	...	...	596	596	8.55	8.55
July	112.9	25.60	2	.80	...	...	2,019	2,615	26.40	34.95
August	144.8	32.86	6	2.42	...	1.25	2,611	5,226	36.53	71.48
September	87.6	21.17	1	.40	...	18.63	1,518	6,744	40.20	111.68
Total	374.5	86.18	14	5.62	...	19.88	6,744	6,744	111.68	111.68

Table 24

License number 2680 (Plymouth coupe)

Summary of operations by months

Month	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expense	Mileage during month	Total mileage to date	Total cost during month	Total cost to date
November	23.0	4.14	...	...	...	...	432	432	4.14	4.14
December	42.0	7.56	5	2.00	...	42.85	763	1,195	52.41	56.55
Total	65.0	11.70	5	2.00	...	42.85	1,195	1,195	56.55	56.55

Table 25

Monthly cost of operations for
all vehicles during 1948

Month	Gasoline (gallons)	Cost of gasoline	Oil (quarts)	Cost of oil	Cost of tires & tubes	Cost of repairs, misc. expenses	Mileage during month	Total cost during month
January	1,044.7	230.60	71	22.44	8.75	99.74	13,732	361.53
February	952.1	209.06	55	17.32	21.87	100.88	13,115	349.13
March	1,159.2	249.54	67	20.18	12.00	139.16	17,076	420.88
April	1,697.8	363.83	88	27.88	107.53	207.06	25,374	706.30
May	2,145.8	455.72	110	33.90	10.10	290.71	32,966	790.43
June	1,892.9	405.90	126	42.15	46.19	73.15	29,158	567.39
July	1,995.8	432.97	110	39.67	39.02	134.09	30,966	645.75
August	2,191.3	472.15	132	46.00	81.82	175.78	33,988	775.75
September	1,926.6	421.26	79	26.86	7.55	289.00	29,087	744.67
October	1,175.0	263.33	58	21.17	3.00	201.67	16,885	489.17
November	671.4	156.89	24	8.71	3.80	85.06	9,963	254.46
December	704.9	163.05	47	18.19	51.56	242.35	9,542	475.15
Total	17,557.5	3,824.30	967	324.47	393.19	2,038.65	261,852	6,580.61

Table 26

Summary of individual motor vehicle
operations for 1948

License number	Gasoline (gallons)	Cost of gasoline	Oil (qts.)	Cost of oil	Cost of tires and tubes	Cost of repairs, misc. expenses	Mileage during 1948	Cost of operation during 1948	Miles per gallon of gas	Total cost per mile
671	841.3	167.51	48	15.92	9.45	263.38	11,524	456.26	13.7	0.040
675	1,096.4	237.55	66	21.30	50.26	103.79	15,190	412.90	13.9	0.027
680	996.8	236.46	47	18.04	4.25	101.88	14,012	360.63	14.1	0.026
681 old	587.4	121.35	61	14.22	7.55	50.36	6,353	193.48	10.8	0.030
681	457.0	101.66	16	6.15	2.50	68.52	7,002	178.83	15.3	0.026
682 old	386.7	87.58	14	3.77	...	88.91	4,140	180.26	10.7	0.044
682	584.6	135.55	23	8.95	1.00	25.63	9,387	171.13	16.1	0.018
691 old	...	...	5	1.50	...	.75	2	2.25	...	...
691	783.7	175.65	30	10.30	...	32.01	11,805	217.96	15.1	0.018
692 old	360.9	79.43	62	15.81	...	58.51	5,623	153.75	15.6	0.027
692	290.5	68.48	22	8.70	...	43.56	4,921	120.74	16.9	0.025
694	761.6	148.60	48	11.33	2.75	100.44	12,083	263.12	15.9	0.022
701	1,136.0	233.73	61	23.56	34.42	211.65	16,076	503.36	14.2	0.031
702	908.4	183.02	42	13.51	41.17	37.26	11,488	274.96	12.6	0.024
704	1,177.7	227.50	43	15.97	14.05	117.32	18,884	374.84	16.0	0.020
705	1,171.1	273.37	68	24.91	50.46	174.29	19,717	523.03	16.8	0.027
706	1,520.3	317.38	96	32.30	53.20	180.18	23,527	583.06	15.5	0.025
707	1,332.9	304.90	86	30.15	35.48	109.04	20,982	479.57	15.7	0.023
708	453.7	116.53	13	5.15	53.00	8.66	5,486	183.34	12.1	0.033
709	1,098.2	251.65	39	14.50	5.97	141.93	19,518	414.05	17.8	0.021
1071	596.3	109.06	23	7.46	...	23.29	7,047	139.81	11.8	0.020
2639	576.5	149.46	35	13.35	27.68	34.56	9,146	225.05	15.9	0.025
2640	374.5	86.18	14	5.62	...	19.88	6,744	111.68	18.0	0.017
2680	65.0	11.70	5	2.00	...	42.85	1,195	56.55	18.4	0.047
Total or average	17,557.5	3,824.30	967	324.47	393.19	2,038.65	261,852	6,580.61	14.9	0.025