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Minister of Trade and Commerce

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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION & PUBLIC UTILITIES BRANCH

CANAL STATISTICS

FOR THE YEAR ENDED

DECEMBER 31

1945

Prepared in collaboration with the Department of Transport



OTTAWA
1946

Price 25 cents

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AWATTO
1945

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, HERBERT MARSHALL, B.A., F.S.S.
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CANAL STATISTICS

20-1500

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The traffic statistics of the Canadian canals are collected through the local agents of the Department of Transport and compiled by the Transportation and Public Utilities Branch of the Dominion Bureau of Statistics. Each vessel using a canal must make a report to the officer in charge of the canal, giving the details of the vessel tonnage, draught, cargo, etc. There are no tolls charged for the use of the canals and at Sault Ste. Marie, Canadian and United States vessels use the Canadian or United States locks as convenient. There are five locks at Sault Ste. Marie, one Canadian and four United States locks. Two of the locks on the United States side are 450 ft. longer and are deeper than the Canadian lock and all four are wider. Because of the greater facilities on the United States side of the river a much larger portion of the traffic uses the United States locks than uses the Canadian lock.

The traffic statistics are complete for each canal and vessels and cargoes using two or more canals in going from port of clearance to port of destination are included in the statistics for each canal used. A large percentage of the upbound traffic through the St. Lawrence canals uses the Welland Ship and also the Sault Ste. Marie canal, mostly on the United States side, and a large percentage of the downbound traffic also uses the Welland Ship canal while a smaller percentage passes through the locks at Sault Ste. Marie. Practically all the Ottawa River canals traffic uses the Lachine locks of the St. Lawrence canals and is included in the St. Lawrence way traffic. The totals for all Canadian canals consequently contain a large amount of duplications.

The 1936 report and subsequent reports contained a table eliminating these duplications for the St. Lawrence Great Lakes traffic except freight which was unloaded and reloaded was not considered a duplication. In this report table 1 shows the freight using each canal which has not been reported previously by another Canadian canal. This net freight tonnage for all Canadian canals for 1945 was 18,588,922 tons compared with the total of 22,320,399 tons with no deductions for duplications. Similar deductions are made for the United States locks at Sault Ste. Marie in table 2 for St. Lawrence Great Lakes traffic.

There is considerable grain transhipped at Georgian Bay and Lake Erie ports which has not been deducted as duplications when passing down the Welland Ship Canal.

Vessels of Canadian and British registry are shown under "Canadian" in the tables and all other vessels have been shown under "United States" in reports previous to 1940. Only a very small percentage of these foreign vessels were other than United States vessels but they have been segregated and shown separately in tables in reports subsequent to 1939.

Also in classifying ports of departure and ports of destination of vessels all foreign ports have been included under "United States." Here also traffic to foreign ports other than United States is a small percentage of the total.

Table 2 shows the net tonnage using the St. Lawrence, Welland Ship and Sault Ste. Marie canals. Some of this traffic using the St. Lawrence canal used the Ottawa River canals. Table 3 analyses the traffic using the Welland Ship canal.

As shown in table 4 Canadian vessels carry by far the major portion of Canadian and United States grain down the Welland Ship Canal.

The number of vessels and net registered tonnages using each canal are shown in table 11 and the number of passengers and cargoes are shown in separate tables for each canal.

Way vessels and way cargoes are those from and to ports on the canals or using only a portion of any canal. Thus a vessel from Montreal to Hull would be recorded as way on the St. Lawrence canals and through on the Ottawa River canals. Vessels and freight between points above Prescott and points on the Lachine Canal are classed as through for the St. Lawrence canals and all vessels and freight passing through the entire length of any canal are classed as through.

The freight rates for Canadian grain shown in tables 5, 6 and 7 are weighted averages. They include transportation charges and such trimming and other charges as are absorbed by the vessel operator. Where storage charges were made the combined rates are shown separately. The trimming charges vary at different ports and are also affected by the overtime required to complete the job. Tables for Sault Ste. Marie, Welland Ship and St. Lawrence Canals show the complete list of commodities for which statistics are tabulated; for the other canals only such of these commodities in the list as were carried, are shown.

The directions "Up" and "Down" are according to the direction of the flow of the water except for the Rideau and Trent Canals, which overcome heights of land and consequently use water flowing in opposite directions. For the Rideau Canal the direction from Lake Ontario towards the Ottawa River is classed as "Down", and for the Trent Canal from Lake Huron towards Lake Ontario is classed as "Down." St. Peter's Canal crosses an isthmus and connects St. Peter's Bay with the southerly end of the Bras d'Or Lakes from the northerly end of which access is had to the Atlantic Ocean. The direction from the Bras d'Or Lakes to St. Peter's Bay is classed as "Down".

Table 1

Canadian Canal Traffic, 1945

∕ (Duplications excluded)

	Up	Down	Total
	Tons	Tons	Tons
Sault Ste. Marie	440,703	1,431,062	1,871,765
Welland Ship	572,561	11,466,393	12,038,954
St. Lawrence	1,089,282	3,267,200	4,356,482
Ottawa River	5,757	184,351	190,108
Rideau River	412	451	863
Richelieu River	22,440	22,612	45,052
Trent	475	50,137	50,612
Murray	290	1,915	2,205
St. Andrew's	6,385	4,831	11,216
St. Peter's	14,635	7,030	21,665
Total	2,152,940	16,435,982	18,588,922

∕ Traffic using more than one canal is credited to only the first canal used.

Table 2

St. Lawrence Great Lakes Traffic

	Up	Down	Total
	Tons	Tons	Tons
St. Lawrence only	534,020	3,459,627	3,973,647
St. Lawrence and Welland Ship	497,624	2,130,920	2,628,544
St. Lawrence, Welland Ship & Sault Ste. Marie <u>1/</u>	57,638	279,418	337,056
Welland Ship only	404,860	5,918,751	6,323,611
Welland Ship and Sault Ste. Marie <u>1/</u>	167,049	3,506,072	3,673,121
Sault Ste. Marie only	440,703	1,062,294	1,502,997
Net total traffic using above Canadian canals	2,101,894	16,337,082	18,438,976
United States Canals at Sault Ste. Marie			
Sault Ste. Marie only	15,551,374	92,292,768	107,844,142
Grand Total	17,653,268	108,629,850	126,283,118

1/ Through both Canadian and United States locks at Sault Ste. Marie.

Table 3

Welland Ship Canal Traffic
Season of Navigation, 1945

Between	Down-Bound			Up-Bound		
	No. of Vessels	Registered Net Tons	Tons of Freight	No. of Vessels	Registered Net Tons	Tons of Freight
<u>Lake Superior and</u>						
Hamilton	71	581,868	978,821	27	112,036	50,545
Toronto	124	288,549	507,121	74	165,446	55,901
Kingston	58	290,506	674,405	19	63,836	34
Prescott, Ogdensburg and Brockville	52	178,951	425,035	15	52,525	-
Oswego and South	77	273,238	614,556	23	69,426	35,665
Other Lake Ontario Ports	-	-	-	8	9,162	10,711
Montreal and below	126	168,584	279,418	201	266,883	56,561
Other Ports below Prescott	-	-	-	-	-	1,077
Welland Canal	51	145,433	306,656	8	18,938	18,195
Total	559	1,726,429	5,785,490	375	758,252	224,687
<u>Lake Michigan and</u>						
Hamilton	34	173,426	408,926	8	44,505	-
Toronto	22	47,106	92,515	2	2,763	-
Kingston	-	-	-	-	-	-
Prescott, Ogdensburg and Brockville	-	-	-	-	-	-
Oswego and South	40	92,692	177,789	13	22,342	45,887
Other Lake Ontario Ports	1	512	1,285	1	512	-
Montreal and below	10	10,713	17,140	10	10,233	5,450
Other Ports below Prescott	-	-	-	-	-	-
Welland Canal	8	21,651	36,565	37	73,581	97,724
Total	115	346,100	734,220	71	153,936	149,061
<u>Lake Huron and</u>						
Hamilton	3	70	-	-	-	-
Toronto	1	320	-	1	209	-
Kingston	-	-	-	-	-	-
Prescott, Ogdensburg and Brockville	-	-	-	-	-	-
Oswego and South	6	7,292	16,341	1	2,886	-
Other Lake Ontario Ports	2	42	-	-	-	-
Montreal and below	14	6,651	2,550	-	-	-
Other Ports below Prescott	-	-	-	-	-	-
Welland Canal	6	6,822	21,159	-	-	-
Total	32	21,197	40,090	2	3,095	-
<u>Sarnia to Port Colborne and</u>						
Hamilton	218	662,641	1,441,980	308	1,072,739	9,595
Toronto	505	1,268,147	2,278,927	511	1,372,432	41,054
Kingston	18	17,050	27,268	78	263,073	646
Prescott, Ogdensburg & Brockville .	30	41,423	71,090	70	168,301	2,800
Oswego and South	280	186,788	296,700	347	466,265	85,649
Other Lake Ontario Ports	305	281,460	690,718	291	262,722	19,107
Montreal and below	314	945,025	2,021,390	617	747,195	240,384
Other Ports below Prescott	1	512	1,915	9	11,213	-
Welland Canal	140	240,865	347,653	241	465,446	54,258
Total	2,311	3,643,911	7,177,641	2,472	4,829,386	433,493
<u>Welland Ship Canal and</u>						
Hamilton	2	82	-	17	22,420	16,475
Toronto	6	5,584	160	19	38,667	15,596
Kingston	-	-	-	1	1,037	-
Prescott, Ogdensburg and Brockville	-	-	-	2	2,061	2,083
Oswego and South	59	69,467	9,675	10	9,045	70
Other Lake Ontario Ports	36	18,027	-	39	21,616	33,914
Montreal and below	38	39,458	67,925	125	145,722	251,790
Other Ports below Prescott	-	-	-	-	-	-
Total	141	132,658	97,760	213	240,568	319,930
Grand Total	3,158	5,870,295	11,835,161	3,133	5,985,237	1,127,171

Table 4 - Grain Down-bound through the WELLAND SHIP CANAL, 1945

	Wheat	Barley	Oats	Rye	Corn	Flaxseed	Total
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
<u>Canadian Grain -</u>							
From United States Ports to Canadian Ports -							
In Canadian vessels	-	-	-	-	-	-	-
In United States "	-	-	-	-	-	-	-
From Canadian Ports to United States Ports -							
In Canadian vessels	217,567	118,000	-	-	-	-	335,567
In United States "	-	-	-	-	-	-	-
From United States Ports to United States Ports -							
In United States vessels	-	-	-	-	-	-	-
From Canadian Ports to Canadian Ports -							
In Canadian vessels	79,917,900	6,808,167	7,882,058	255,607	-	2,452,429	97,315,161
In United States "	-	-	-	-	-	-	-
<u>United States Grain -</u>							
From United States Ports to Canadian Ports -							
In Canadian vessels	-	-	-	-	110,000	-	110,000
In United States "	-	-	-	-	-	-	-
From United States Ports to United States Ports -							
In Canadian vessels	1,609,667	-	-	-	-	-	1,609,667
In United States "	16,367,200	259,500	143,529	126,500	79,000	-	16,980,729
From Canadian Ports to Canadian Ports -							
In Canadian vessels	335,000	-	-	-	-	-	335,000
In United States "	-	-	-	-	-	-	-
Total Grain	100,437,334	7,165,667	8,030,587	382,107	189,000	2,452,429	118,687,124
Canadian Grain in United States vessels	-	-	-	-	-	-	-
United States Grain in Canadian vessels	1,044,667	-	-	-	110,000	-	2,054,667

Table 5 Freight Rates by water on Barley and Oats during 1945

Fort William - Port Arthur	Barley			Oats		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
<u>Montreal -</u>	cents	\$	cents	cents	\$	cents
April	8.35	3.48	0.263	7.14	4.20	0.342
May	7.62	3.18	0.259	6.25	3.68	0.300
June	-	-	-	6.25	3.68	0.300
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	6.25	3.68	0.300
November	-	-	-	6.25	3.68	0.300
December	-	-	-	-	-	-
Average	8.13	3.39	0.276	6.65	3.91	0.316
<u>Goderich and Georgian Bay -</u>						
April	3.36	1.40	0.261	3.20	1.88	0.350
May	3.28	1.37	0.255	3.26	1.92	0.358
June	3.25	1.35	0.251	3.63	2.14	0.399
July	3.44	1.43	0.266	3.71	2.18	0.406
August	3.26	1.37	0.255	3.64	2.14	0.399
September	3.50	1.46	0.272	3.37	1.96	0.369
October	3.54	1.48	0.276	3.18	1.87	0.346
November	3.30	1.38	0.257	3.23	1.90	0.354
December	-	-	-	5.00	2.94	0.547
Average	3.40	1.42	0.264	3.39	1.99	0.371
<u>Port Colborne -</u>						
April	4.54	1.89	0.223	5.09	2.99	0.353
May	5.04	2.10	0.246	4.55	2.56	0.302
June	-	-	-	5.79	3.41	0.402
July	-	-	-	5.09	2.99	0.353
August	5.00	2.08	0.245	5.09	2.99	0.353
September	4.66	1.93	0.228	5.27	1.92	0.226
October	5.75	1.56	0.184	3.25	1.91	0.225
November	3.96	1.66	0.196	4.56	2.68	0.316
December	-	-	-	-	-	-
Average	4.17	1.74	0.205	4.04	2.38	0.281
<u>Buffalo -</u>						
April	5.67	2.36	0.274	6.95	4.09	0.474
May	5.10	2.13	0.247	8.14	4.79	0.556
June	5.67	2.36	0.274	7.62	4.46	0.520
July	6.25	2.60	0.302	6.05	3.56	0.413
August	5.80	2.42	0.281	5.93	3.49	0.405
September	5.70	2.38	0.276	7.70	4.53	0.520
October	5.43	2.26	0.262	7.66	4.51	0.523
November	-	-	-	7.87	4.63	0.537
December	-	-	-	11.47	6.75	0.763
Average	5.62	2.34	0.271	7.14	4.20	0.487
<u>Port Colborne to Montreal -</u>						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	7.06	4.15	1.092
September	-	-	-	-	-	-
October	-	-	-	3.75	2.21	0.562
November	4.75	1.98	0.521	-	-	-
December	-	-	-	-	-	-
Average	4.75	1.98	0.521	3.88	2.28	0.600

Table 6

Freight Rates by Water on Flax and Rye during 1945

Fort William - Port Arthur	Flax			Rye		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
	cents	\$	cents	cents	\$	cents
<u>Montreal -</u>						
April	10.00	3.57	0.291	-	-	-
May	-	-	-	-	-	-
June	10.00	3.57	0.291	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	10.00	3.57	0.291	-	-	-
December	-	-	-	-	-	-
Average	10.00	3.57	0.291	-	-	-
<u>Goderich and Georgian Bay -</u>						
April	5.50	1.96	0.365	3.50	1.25	0.233
May	5.50	1.96	0.365	3.50	1.25	0.233
June	5.50	1.96	0.365	3.50	1.25	0.233
July	5.50	1.96	0.365	3.50	1.25	0.233
August	5.50	1.96	0.365	3.50	1.25	0.233
September	5.50	1.96	0.365	3.50	1.25	0.233
October	5.00	1.79	0.333	-	-	-
November	4.72	1.69	0.315	-	-	-
December	-	-	-	-	-	-
Average	5.19	1.85	0.345	3.50	1.25	0.233
<u>Port Colborne -</u>						
April	-	-	-	4.29	1.53	0.180
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	5.00	1.79	0.211
August	-	-	-	-	-	-
September	5.25	1.87	0.221	4.29	1.53	0.180
October	5.00	1.79	0.211	4.00	1.43	0.169
November	-	-	-	4.00	1.43	0.169
December	-	-	-	-	-	-
Average	5.13	1.83	0.216	4.17	1.49	0.176
<u>Buffalo -</u>						
April	5.29	1.89	0.219	-	-	-
May	-	-	-	5.36	1.91	0.222
June	-	-	-	5.43	1.94	0.225
July	-	-	-	5.42	1.94	0.225
August	-	-	-	5.00	1.79	0.208
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	5.00	1.79	0.208	5.28	1.89	0.219
December	-	-	-	7.00	2.50	0.290
Average	5.16	1.84	0.213	5.34	1.91	0.222
<u>Port Colborne to Montreal -</u>						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	4.75	1.70	0.447
November	4.75	1.70	0.447	4.75	1.70	0.447
December	-	-	-	-	-	-
Average	4.75	1.70	0.447	4.75	1.70	0.447

Table 7

Freight rates by Water on Wheat during 1944 and 1945

Fort William - Port Arthur to -	1944			1945		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
	cents	¢	cents	cents	¢	cents
Montreal -						
April	8.00	2.67	0.217	7.94	2.65	0.216
May	8.00	2.67	0.217	8.00	2.67	0.217
June	8.00	2.67	0.217	8.00	2.67	0.217
July	8.00	2.67	0.217	7.69	2.56	0.208
August	8.00	2.67	0.217	8.00	2.67	0.217
September	8.00	2.67	0.217	8.00	2.67	0.217
October	8.00	2.67	0.217	8.00	2.67	0.217
November	8.00	2.67	0.217	8.00	2.67	0.217
December	-	-	-	-	-	-
Average	8.00	2.67	0.217	7.95	2.65	0.216
Including storage	-	-	-	-	-	-
Goderich and Georgian Bay -						
March	3.50	1.17	0.218	3.50	1.17	0.218
April	3.50	1.17	0.218	3.50	1.17	0.218
May	3.50	1.17	0.218	3.50	1.17	0.218
June	3.50	1.17	0.218	3.50	1.17	0.218
July	3.50	1.17	0.218	3.51	1.17	0.218
August	3.50	1.17	0.218	3.50	1.17	0.218
September	3.50	1.17	0.218	3.50	1.17	0.218
October	3.50	1.17	0.218	3.50	1.17	0.218
November	3.50	1.17	0.218	3.53	1.18	0.220
December	5.50	1.83	0.341	3.50	1.17	0.218
Average	3.56	1.19	0.222	3.50	1.17	0.218
Including storage	3.76	1.25	0.233	3.68	1.23	0.229
Port Colborne -						
April	4.00	1.33	0.157	4.00	1.33	0.157
May	3.99	1.33	0.157	4.04	1.35	0.159
June	4.00	1.33	0.157	4.00	1.33	0.157
July	4.00	1.33	0.157	4.06	1.35	0.159
August	3.93	1.31	0.154	4.00	1.33	0.157
September	4.00	1.33	0.157	4.00	1.33	0.157
October	4.00	1.33	0.157	4.00	1.33	0.157
November	3.98	1.33	0.157	4.00	1.33	0.157
December	4.00	1.33	0.157	-	-	-
Average	3.99	1.33	0.157	4.01	1.34	0.158
Including storage	4.46	1.49	0.176	4.24	1.41	0.166
Buffalo -						
April	6.04	2.01	0.233	5.05	1.68	0.195
May	6.41	2.14	0.248	5.16	1.72	0.200
June	6.18	2.06	0.239	5.06	1.69	0.196
July	6.23	2.08	0.241	5.12	1.71	0.198
August	6.19	2.06	0.239	5.09	1.70	0.197
September	6.15	2.05	0.238	5.13	1.71	0.198
October	6.14	2.05	0.238	5.05	1.68	0.195
November	6.20	2.07	0.240	5.25	1.75	0.203
December	7.48	2.49	0.289	6.04	2.01	0.233
Average	6.17	2.06	0.239	5.12	1.71	0.198
Including storage	6.47	2.16	0.251	5.52	1.84	0.213
Port Colborne to Montreal -						
April	-	-	-	4.75	1.58	0.416
May	-	-	-	4.75	1.58	0.416
June	-	-	-	4.75	1.58	0.416
July	4.75	1.58	0.416	4.75	1.58	0.416
August	-	-	-	4.75	1.58	0.416
September	4.75	1.58	0.416	4.75	1.58	0.416
October	4.75	1.58	0.416	4.75	1.58	0.416
November	4.13	1.38	0.363	4.75	1.58	0.416
December	-	-	-	-	-	-
Average	4.33	1.44	0.379	4.75	1.58	0.416

Table 8

Season of Navigation, 1945

Canals	First Vessel Passage	Last Vessel Passage	Number of Days Used
Sault Ste. Marie	April 2	December 4	247
Welland Ship	March 28	December 15	263
St. Lawrence	April 16	December 4	233
Richelieu River	April 26	December 1	220
St. Peter's	April 6	January 11	282
Murray	April 6	December 1	241
Ottawa River	April 9	November 26	232
Rideau	May 1	November 22	206
Trent	April 3	November 24	236
St. Andrews	May 21	October 30	163

Table 9

Canals of Canada

Name	Location		Length in Miles	Locks			
				Number	Minimum Dimensions in Feet		
	From	To			Length	Width	Depth
Sault Ste. Marie	St. Mary's Rapids	Sault Ste. Marie	1.38	1	900	60	18.25
Welland Ship	Port Weller	Port Colborne	27.60	8	859	80	30/3
<u>St. Lawrence River</u>							
Lachine	Montreal	Lachine	8.74	5	270	45	14/1
Soulanges	Cascades Point	Coteau Landing	14.67	5	280	45	15/1
Cornwall	Cornwall	Dickinsons Landing	11.00	6	270	43.67	14/1
Farran's Point	Farran's Point	Rapide de Farran's Pt.	1.28	1	800	50	16/1
Rapide Plat	Rapide Plat	Morrisburg	3.89	2	270	45	14/1
Gallops	Iroquois	Cardinal	7.36	3	270	45	14/1
<u>Richelieu River -</u>							
St. Ours		St. Ours, Qué.	0.12	1	339	45	12/1
Chambly	Chambly	St. John's, Qué.	11.76	9	120.5	23.25	6.5
St. Peter's	St. Peter's Bay	Bras d'Or Lakes Cape Breton, N.S.	0.50	1	300	48	18/4
Murray	Isthmus of Murray	Bay of Quinte	5.15	None	-	-	11/5
<u>Ottawa River -</u>							
Ste. Anne	Junction of St. Lawrence and Ottawa R.		0.12	1	200	45	9
Carillon	Carillon Rapids	Ottawa River	0.94	2	200	45	9
Grenville	Long Sault Rapids	Ottawa River	5.94	5	200	45	9.5
Rideau	Ottawa Rideau Lake to	Kingston Perth (Tay Branch)	126.25 6.50	47 2	134 134	33 33	5 5
Trent	Trenton Peterborough Lock Swift Rapids Port Severn Lock	Peterborough Lock Swift Rapids Port Severn	88.74 135.71 16.00	18 24 (Marine Ry.)	175 134	33 33	6.00 6 4
	Sturgeon Lake Lindsay	Lindsay (Scugog Branch) Port Perry " "	- 8.35 26.65	1 None	100 142	25 33	6 6 4.5
St. Andrew's	Red River, fifteen miles north of Winnipeg		-	1	215	45	17

1. Navigable depths occasionally are less due to extreme low water levels.
2. Least depth in channels, 7 ft.
3. Least depth in channels, 25 ft.
4. Depth of canal prism is 17 ft.
5. With Lake Ontario at elevation 244 ft.

Table 10

Total Traffic Through the

		Sault Ste. Marie	Welland Ship	St. Lawrence River	Ottawa River	Rideau	
1.	Canadian Vessels No.	2,408	5,114	7,526	1,256	65	
2.	United States Vessels No.	270	1,171	86	-	-	
3.	Other Foreign Vessels No.	-	6	11	-	-	
4.	Total Vessels No.	2,678	6,291	7,623	1,256	65	
5.	Passengers No.	39,247	2,612	15,157	-	7,542	
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	
6.	Canadian Vessels - Steam	3,071,283	9,320,155	5,588,515	103,640	1,206	
7.	" " - Sail	286,773	29,977	223,817	187,547	2,091	
8.	United States Vessels - Steam ..	845,647	2,336,462	60,566	-	-	
9.	" " " - Sail ...	4,051	165,378	3,694	-	-	
10.	Other Foreign "	-	3,560	5,934	-	-	
11.	Total Vessels	4,207,754	11,855,532	5,882,526	291,187	3,297	
	<u>AGRICULTURAL PRODUCTS</u>						
12.	Barley	206,290	175,992	45,938	-	-	
13.	Corn	-	5,292	8,832	-	-	
14.	Oats	181,416	136,520	55,170	-	-	
15.	Rye	33,267	10,699	7,244	-	-	
16.	Flaxseed	38,193	68,668	35,558	-	-	
17.	Wheat	590,563	3,042,907	1,982,176	-	-	
18.	Other Grains	-	34,878	-	-	-	
19.	Flour	73,138	145	-	-	-	
20.	Hay and Straw	-	-	393	-	-	
21.	Other Mill Products	92,715	1,682	-	-	-	
22.	Fruit and Vegetables	302	-	-	-	-	
23.	Potatoes	-	-	-	-	-	
24.	Total	1,215,984	3,474,783	2,135,311	-	-	
	<u>ANIMAL PRODUCTS</u>						
25.	Fish	155	-	-	-	-	
26.	Dressed Meats	-	-	-	-	-	
27.	Other Packing-house Products..	-	-	-	-	-	
28.	All other Animal Products	-	-	6,298	-	-	
29.	Total	155	-	6,298	-	-	
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
30.	Gasoline	78,881	699,745	257,196	63,657	3	
31.	Petroleum and other Oils	80,169	1,507,123	238,693	7,092	1	
32.	Agricultural Implements	1,589	1,798	269	-	-	
33.	Cement, Brick and Plaster	-	43,746	6,550	-	49	
34.	Iron, pig and bloom	16,731	49,246	-	-	-	
35.	Iron and Steel, other	6,140	15,394	15,439	-	5	
36.	Sugar	920	7,274	35,136	-	-	
37.	Salt	11,631	8,460	8,330	-	-	
38.	Beverages	382	1,402	1,595	-	-	
39.	Autos and Parts	1,909	1,800	3,777	-	-	
40.	Paper	44,624	146,583	88,827	1,526	-	
41.	Wood pulp.....	-	896	2,311	-	-	
42.	Total	242,976	2,483,467	658,123	72,275	58	
	<u>FOREST PRODUCTS</u>						
43.	Pulpwood	78,056	453,005	435,967	-	-	
44.	Logs, Posts, Poles, Piling ...	-	-	-	1,857	42	
45.	Firewood	-	-	-	-	15	
46.	Lumber, Mill, Cooperage Stock	36	-	35,602	-	89	
47.	Other Forest Products	-	-	12	-	24	
48.	Total	78,092	453,005	471,581	1,857	170	
	<u>MINE PRODUCTS</u>						
49.	Hard Coal	5,785	70,777	113,772	-	4	
50.	Soft Coal	117,199	4,337,254	2,759,967	1,340	169	
51.	Coke	35,606	153,615	13,909	-	-	
52.	Copper Ore	-	-	-	-	-	
53.	Iron Ore	600	1,420,205	1,980	-	-	
54.	Other Ore	30	45,587	253,359	-	-	
55.	Sand, Gravel and Stone	20,890	110,469	189,885	182,700	396	
56.	Total	180,110	6,137,907	3,332,872	184,040	569	
57.	All other Freight	301,669	413,170	343,685	-	66	
58.	GRAND TOTAL	2,018,886	12,962,332	6,947,870	258,172	863	

Vessels - Net Registered Tons - Cargoes - Tons 2,000 lbs.

Canadian Canals during 1945

		Richelieu River	Trent	Murray	St. Andrew's	St. Peter's	Total	Compared with 1944	
								Increase	Decrease
1.	291	3,011	95	568	730	21,064	284	-	
2.	5	-	-	-	4	1,536	-	373	
3.	-	-	-	-	-	17	15	-	
4.	296	3,011	95	568	734	22,617	-	74	
5.	20	18,938	-	4,447	271	83,234	-	1,204	
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	
6.	46,456	31,305	27,388	55,036	44,680	18,289,664	1,002,805	-	
7.	1,370	29,432	1,407	5,745	10,485	778,644	-	126,523	
8.	364	-	-	-	413	3,243,452	-	1,096,023	
9.	-	-	-	-	-	173,123	-	28,238	
10.	-	-	-	-	-	9,494	8,755	-	
11.	48,190	60,737	28,795	60,781	55,578	22,494,377	-	239,024	
12.	-	-	-	-	-	426,220	-	91,391	
13.	-	-	-	-	-	14,124	-	29,091	
14.	-	-	-	54	2	373,142	77,533	-	
15.	-	-	-	-	-	51,210	34,295	-	
16.	-	-	-	-	-	142,419	97,623	-	
17.	-	-	-	7	-	5,615,653	3,135,202	-	
18.	-	-	-	-	-	34,878	26,530	-	
19.	-	1	-	455	6	73,745	-	14,018	
20.	-	13	-	144	13	563	-	2,808	
21.	-	1	-	8	-	94,406	-	38,849	
22.	-	2	-	30	122	456	-	308	
23.	-	1	-	-	2,091	2,092	-	365	
24.	-	18	-	678	2,234	6,828,908	3,194,353	-	
25.	35	-	-	2,538	563	3,291	9	-	
26.	-	-	-	5	-	5	-	7	
27.	225	-	-	-	-	225	-	570	
28.	-	3	-	40	1	6,342	361	-	
29.	260	3	-	2,583	564	9,863	-	207	
30.	-	115	1,815	704	8,374	1,110,490	-	177,626	
31.	109	39	-	135	1,718	1,835,079	35,456	-	
32.	-	-	-	2	-	3,658	-	1,180	
33.	-	15	-	308	36	50,704	2,363	-	
34.	-	-	-	41	-	66,018	1,727	-	
35.	-	11	100	201	1,628	39,018	-	11,428	
36.	-	-	-	1	-	43,331	6,538	-	
37.	-	-	-	-	-	28,421	-	12,978	
38.	-	-	-	83	-	3,462	-	3,247	
39.	-	-	-	21	-	7,507	-	4,180	
40.	21,974	-	-	-	-	303,534	-	92,914	
41.	845	-	-	-	-	4,052	2,010	-	
42.	22,928	180	1,915	1,496	11,756	3,495,174	-	255,459	
43.	849	-	-	-	-	967,877	224,931	-	
44.	-	295	-	-	1	2,195	1,690	-	
45.	-	42	-	180	30	267	-	721	
46.	-	8,590	-	3,415	27	47,759	19,221	-	
47.	-	29	-	-	33	98	98	-	
48.	849	8,956	-	3,595	91	1,018,196	245,219	-	
49.	-	-	-	-	-	190,338	7,219	-	
50.	-	33	-	110	6,293	7,222,365	-	1,182,587	
51.	-	-	-	-	-	203,130	30,389	-	
52.	-	-	-	-	-	-	-	-	
53.	-	-	-	-	-	1,422,785	36,780	-	
54.	-	41,139	-	32	-	340,147	-	137,158	
55.	3,650	48	-	-	2	508,040	-	82,508	
56.	3,650	41,220	-	142	6,295	9,886,805	-	1,327,865	
57.	18,891	235	290	2,722	725	1,081,453	-	151,149	
58.	46,578	50,612	2,205	11,216	21,665	22,320,399	1,704,892	-	

Table 11.

Vessels using Canadian Canals, 1945
Number and Net Registered Tons

		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
<u>SAULT STE. MARIE CANAL -</u>							
1	Canadian Vessels - Steam No.	1,085	804	8	102	7	-
2	Canadian Vessels - Sail "	87	20	-	6	-	-
3	United States " - Steam "	5	2	2	23	174	23
4	United States " - Sail "	-	-	-	2	-	-
5	Other Foreign Vessels "	-	-	-	-	-	-
6	Total "	1,175	826	10	133	181	23
7	Canadian Vessels - Steam Tons	1,747,235	939,306	19,475	151,790	20,972	-
8	Canadian Vessels - Sail "	177,666	7,433	-	17,816	-	-
9	United States " - Steam "	13,497	4,918	5,846	27,746	707,155	21,847
10	United States " - Sail "	-	-	-	43	-	-
11	Other Foreign " "	-	-	-	-	-	-
12	Total "	1,938,398	951,657	25,321	177,395	728,127	21,847
<u>WELLAND SHIP CANAL - THROUGH AND WAY -</u>							
13	Canadian Vessels - Steam No.	931	1,077	1,534	64	47	28
14	Canadian Vessels - Sail "	21	12	-	-	-	-
15	United States " - Steam "	7	15	162	7	332	314
16	United States " - Sail "	-	-	1	-	79	82
17	Other Foreign Vessels "	-	2	1	-	1	2
18	Total "	959	1,106	1,698	71	459	426
19	Canadian Vessels - Steam Tons	1,169,182	1,737,400	3,450,508	69,399	49,724	53,036
20	Canadian Vessels - Sail "	16,693	13,284	-	-	-	-
21	United States " - Steam "	23,034	56,965	687,362	4,814	482,377	460,268
22	United States " - Sail "	-	-	2	-	79,187	82,487
23	Other Foreign " "	-	640	720	-	740	1,460
24	Total "	1,208,909	1,808,289	4,138,592	74,213	612,028	597,251
<u>WELLAND SHIP CANAL - THROUGH</u>							
25	Canadian Vessels - Steam No.	655	897	1,332	11	47	28
26	Canadian Vessels - Sail "	9	3	-	-	-	-
27	United States " - Steam "	-	14	146	1	332	314
28	United States " - Sail "	-	-	1	-	79	82
29	Other Foreign " "	-	2	1	-	1	2
30	Total "	664	916	1,480	12	459	426
31	Canadian Vessels - Steam Tons	874,430	1,472,768	3,059,854	4,714	49,724	53,036
32	Canadian Vessels - Sail "	3,318	559	-	-	-	-
33	United States " - Steam "	-	56,601	621,005	32	482,377	460,268
34	United States " - Sail "	-	-	2	-	79,187	82,487
35	Other Foreign " "	-	640	720	-	740	1,460
	Total "	877,748	1,530,568	3,681,581	4,746	612,028	597,251
<u>WELLAND SHIP CANAL - WAY</u>							
37	Canadian Vessels - Steam No.	276	180	202	53	-	-
38	Canadian Vessels - Sail "	12	9	-	-	-	-
39	United States " - Steam "	7	1	16	6	-	-
40	United States " - Sail "	-	-	-	-	-	-
41	Other Foreign " "	-	-	-	-	-	-
42	Total "	295	190	218	59	-	-
43	Canadian Vessels - Steam Tons	294,752	264,632	390,654	64,685	-	-
44	Canadian Vessels - Sail "	13,375	12,725	-	-	-	-
45	United States " - Steam "	23,034	364	66,357	4,782	-	-
46	United States " - Sail "	-	-	-	-	-	-
47	Other Foreign " "	-	-	-	-	-	-
48	Total "	331,161	277,721	457,011	69,467	-	-

Vessels using Canadian Canals, 1945

Number and Net Registered Tons

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1945	1944	Increase	Decrease
1	164	5	1,262	999	2,261	2,705	-	444
2	29	5	116	31	147	251	-	104
3	29	7	210	55	265	512	-	247
4	3	-	3	2	5	-	5	-
5	-	-	-	-	-	-	-	-
6	225	17	1,591	1,087	2,678	3,468	-	790
7	212,305	200	1,999,987	1,071,296	5,071,283	3,833,265	-	762,002
8	82,884	974	260,550	26,223	286,773	378,293	-	91,520
9	57,483	7,155	783,981	61,666	845,647	1,920,492	-	1,074,845
10	4,008	-	4,008	45	4,051	-	4,051	-
11	-	-	-	-	-	-	-	-
12	356,680	8,329	3,048,526	1,159,228	4,207,754	6,132,070	-	1,924,316
13	5	1,395	2,517	2,564	5,081	4,470	611	-
14	-	-	21	12	33	42	-	9
15	12	157	513	493	1,006	1,036	-	30
16	-	3	80	85	165	196	-	31
17	-	-	2	4	6	1	5	-
18	17	1,555	3,133	3,158	6,291	5,745	546	-
19	6,276	2,784,630	4,675,690	4,644,465	9,320,155	8,022,685	1,297,470	-
20	-	-	16,693	13,284	29,977	17,909	12,068	-
21	19,432	602,210	1,212,205	1,124,257	2,336,462	2,312,617	23,845	-
22	-	3,702	79,189	86,189	165,378	199,503	-	34,125
23	-	-	1,460	2,100	3,560	727	2,833	-
24	25,708	3,390,542	5,985,237	5,870,295	11,855,532	10,553,441	1,302,091	-
25	2	1,307	2,036	2,243	4,279	x 3,871	408	-
26	-	-	9	3	12	14	-	2
27	6	147	484	476	960	961	-	1
28	-	3	80	95	165	196	-	31
29	-	-	2	4	6	1	5	-
30	8	1,457	2,611	2,811	5,422	x 5,043	379	-
31	2,296	2,623,736	3,986,304	4,154,254	8,140,558	x 7,178,976	961,582	-
32	-	-	3,318	559	3,877	7,473	-	3,596
33	14,650	562,853	1,118,032	1,079,754	2,197,786	2,027,379	170,407	-
34	-	3,702	79,189	86,189	165,378	199,503	-	34,125
35	-	-	1,460	2,100	3,560	727	2,833	-
36	16,946	3,190,291	5,188,303	5,322,856	10,511,159	x 9,414,058	1,097,101	-
37	3	88	481	321	802	599	203	-
38	-	-	12	9	21	28	-	7
39	6	10	29	17	46	75	-	29
40	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-
42	9	98	522	347	869	702	167	-
43	3,980	160,894	689,386	490,211	1,179,597	843,709	335,888	-
44	-	-	13,375	12,725	26,100	10,436	15,664	-
45	4,782	39,357	94,173	44,503	138,676	285,238	-	146,562
46	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-
48	8,762	200,251	796,934	547,439	1,344,373	1,139,383	204,990	-

x - Revised.

Table 11 - Continued

Vessels using Canadian Canals, 1945
Number and Net Registered Tons

			CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
			UP	DOWN	UP	DOWN	UP	DOWN
ST. LAWRENCE RIVER CANALS - THROUGH AND WAY								
1	Canadian Vessels - Steam	No.	2,213	2,149	1,146	12	49	14
2	Canadian Vessels - Sail	"	360	378	4	-	-	-
3	United States " - Steam	"	1	-	11	-	23	23
4	United States " - Sail	"	-	-	-	-	-	-
5	Other Foreign "	"	-	7	1	-	1	2
6	Total	"	2,574	2,534	1,162	12	73	39
7	Canadian Vessels - Steam	Tons	1,514,511	1,404,250	1,238,875	3,469	53,622	14,234
8	Canadian Vessels - Sail	"	109,749	113,474	434	-	-	-
9	United States " - Steam	"	27	-	9,115	-	14,678	17,525
10	United States " - Sail	"	-	-	-	-	-	-
11	Other Foreign "	"	-	3,014	720	-	740	1,460
12	Total	"	1,624,287	1,520,738	1,249,144	3,469	69,040	33,219
ST. LAWRENCE RIVER CANALS - THROUGH								
13	Canadian Vessels - Steam	No.	1,334	1,258	1,067	-	24	10
14	Canadian Vessels - Sail	"	4	1	-	-	-	-
15	United States " - Steam	"	1	-	9	-	23	23
16	United States " - Sail	"	-	-	-	-	-	-
17	Other Foreign "	"	-	7	1	-	1	2
18	Total	"	1,339	1,266	1,077	-	48	35
19	Canadian Vessels - Steam	Tons	1,354,703	1,249,742	1,145,322	-	24,907	10,050
20	Canadian Vessels - Sail	"	2,018	368	-	-	-	-
21	United States " - Steam	"	27	-	8,270	-	14,678	17,525
22	United States " - Sail	"	-	-	-	-	-	-
23	Other Foreign "	"	-	3,014	720	-	740	1,460
24	Total	"	1,356,748	1,253,124	1,154,512	-	40,325	29,035
ST. LAWRENCE RIVER CANALS - WAY								
25	Canadian Vessels - Steam	No.	879	891	79	12	25	4
26	Canadian Vessels - Sail	"	356	377	4	-	-	-
27	United States " - Steam	"	-	-	2	-	-	-
28	United States " - Sail	"	-	-	-	-	-	-
29	Total	"	1,235	1,268	85	12	25	4
30	Canadian Vessels - Steam	Tons	159,808	154,508	93,553	3,469	28,715	4,184
31	Canadian Vessels - Sail	"	107,731	113,106	434	-	-	-
32	United States " - Steam	"	-	-	845	-	-	-
33	United States " - Sail	"	-	-	-	-	-	-
34	Total	"	267,539	267,614	94,832	3,469	28,715	4,184
RICHELIEU RIVER CANAL -								
35	Canadian Vessels - Steam	No.	22	21	121	-	-	-
36	Canadian Vessels - Sail	"	5	4	1	-	-	-
37	United States " - Steam	"	-	-	5	-	-	-
38	Total	"	27	25	127	-	-	-
39	Canadian Vessels - Steam	Tons	931	1,087	22,360	-	-	-
40	Canadian Vessels - Sail	"	639	614	54	-	-	-
41	United States " - Steam	"	-	-	364	-	-	-
42	Total	"	1,570	1,701	22,778	-	-	-
OTTAWA RIVER CANALS -								
43	Canadian Vessels - Steam	No.	385	380	-	4	-	-
44	Canadian Vessels - Sail	"	245	239	-	-	-	-
45	Total	"	630	619	-	4	-	-
46	Canadian Vessels - Steam	Tons	45,740	56,557	-	768	-	-
47	Canadian Vessels - Sail	"	100,026	87,521	-	-	-	-
48	Total	"	145,766	144,078	-	768	-	-
ST. PETER'S CANAL								
49	Canadian Vessels - Steam	No.	282	402	9	5	-	-
50	Canadian Vessels - Sail	"	15	17	-	-	-	-
51	United States " - Steam	"	1	3	-	-	-	-
52	Other Foreign "	"	-	-	-	-	-	-
53	Total	"	298	422	9	5	-	-
54	Canadian Vessels - Steam	Tons	19,216	24,051	714	699	-	-
55	Canadian Vessels - Sail	"	4,920	5,565	-	-	-	-
56	United States " - Steam	"	50	363	-	-	-	-
57	Other Foreign "	"	-	-	-	-	-	-
58	Total	"	24,186	29,979	714	699	-	-

Vessels using Canadian Canals, 1945

Number and Net Registered Tons

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1945	1944	INCREASE	DECREASE
1	47	1,152	3,455	3,327	6,782	5,891	891	-
2	-	2	364	380	744	770	-	26
3	1	25	36	48	84	139	-	55
4	-	2	-	2	2	7	-	5
5	-	-	2	9	11	-	11	-
6	48	1,181	3,857	3,766	7,623	6,807	816	-
7	10,687	1,348,867	2,817,695	2,770,820	5,588,515	4,949,094	639,421	-
8	-	160	110,183	113,634	223,817	245,423	-	21,606
9	21	19,200	23,841	36,725	60,566	105,184	-	44,618
10	-	3,694	-	3,694	3,694	1,858	1,836	-
11	-	-	1,460	4,474	5,934	-	5,934	-
12	10,708	1,371,921	2,953,179	2,929,347	5,882,526	5,301,559	580,967	-
13	1	1,087	2,426	2,355	4,781	3,910	871	-
14	-	-	4	1	5	7	-	2
15	-	23	53	46	79	131	-	52
16	-	2	-	2	2	1	1	-
17	-	-	2	9	11	-	11	-
18	1	1,112	2,465	2,413	4,878	4,049	829	-
19	44	1,268,025	2,524,976	2,527,817	5,052,793	4,376,025	676,768	-
20	-	-	2,018	368	2,386	2,921	-	535
21	-	19,179	22,975	36,704	59,679	102,292	-	42,613
22	-	3,694	-	3,694	3,694	900	2,794	-
23	-	-	1,460	4,474	5,934	-	5,934	-
24	44	1,290,898	2,551,429	2,573,057	5,124,486	4,482,138	642,348	-
25	46	65	1,029	972	2,001	1,981	20	-
26	-	2	360	379	739	763	-	24
27	1	2	3	2	5	8	-	3
28	-	-	-	-	-	6	-	6
29	47	69	1,392	1,353	2,745	2,758	-	13
30	10,643	80,842	292,719	243,003	535,722	573,069	-	37,347
31	-	160	108,165	113,266	221,431	242,502	-	21,071
32	21	21	866	21	887	2,892	-	2,005
33	-	-	-	-	-	958	-	958
34	10,664	81,023	401,750	356,290	758,040	619,421	-	61,381
35	-	116	143	137	280	284	-	4
36	-	1	6	5	11	7	4	-
37	-	-	5	-	5	4	1	-
38	-	117	154	142	296	295	1	-
39	-	22,078	23,291	23,165	46,456	51,353	-	4,897
40	-	63	693	677	1,370	1,080	290	-
41	-	-	364	-	364	37	327	-
42	-	22,141	24,348	23,842	48,190	52,470	-	4,280
43	-	3	385	387	772	967	-	195
44	-	-	245	239	484	519	-	35
45	-	3	650	626	1,256	1,486	-	230
46	-	575	45,740	57,900	103,640	96,100	7,540	-
47	-	-	100,026	87,521	187,547	212,681	-	25,134
48	-	575	145,766	145,421	291,187	308,781	-	17,594
49	-	-	291	407	698	897	-	199
50	-	-	15	17	32	24	8	-
51	-	-	1	3	4	13	-	9
52	-	-	-	-	-	1	-	1
53	-	-	307	427	734	955	-	201
54	-	-	19,930	24,750	44,680	212,119	-	167,439
55	-	-	4,920	5,565	10,485	5,575	4,910	-
56	-	-	50	363	413	1,069	-	656
57	-	-	-	-	-	12	-	12
58	-	-	24,900	30,678	55,578	218,775	-	163,197

Table 11 - Concluded

Vessels using Canadian Canals, 1945
Number and Net Registered Tons

		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
<u>MURRAY CANAL</u>							
1	Canadian Vessels - Steam No.	37	21	30	-	-	-
2	Canadian Vessels - Sail "	5	2	-	-	-	-
3	United States " - Steam "	-	-	-	-	-	-
4	Total "	42	23	30	-	-	-
5	Canadian Vessels - Steam Tons	6,324	2,044	19,020	-	-	-
6	Canadian Vessels - Sail "	1,107	300	-	-	-	-
7	United States " - Steam "	-	-	-	-	-	-
8	Total "	7,431	2,344	19,020	-	-	-
<u>ST. ANDREW'S CANAL</u>							
9	Canadian Vessels - Steam No.	276	277	-	-	-	-
10	Canadian Vessels - Sail "	8	7	-	-	-	-
11	Total "	284	284	-	-	-	-
12	Canadian Vessels - Steam Tons	27,244	27,792	-	-	-	-
13	Canadian Vessels - Sail "	3,085	2,660	-	-	-	-
14	Total "	30,329	30,452	-	-	-	-
<u>RIDEAU CANAL</u>							
15	Canadian Vessels - Steam No.	15	18	-	-	-	-
16	Canadian Vessels - Sail "	16	16	-	-	-	-
17	Total "	31	34	-	-	-	-
18	Canadian Vessels - Steam Tons	528	678	-	-	-	-
19	Canadian Vessels - Sail "	1,078	1,013	-	-	-	-
20	Total "	1,606	1,691	-	-	-	-
<u>TRENT CANAL</u>							
21	Canadian Vessels - Steam No.	1,275	1,275	-	-	-	-
22	Canadian Vessels - Sail "	226	235	-	-	-	-
23	Total "	1,501	1,510	-	-	-	-
24	Canadian Vessels - Steam Tons	14,983	16,322	-	-	-	-
25	Canadian Vessels - Sail "	14,726	14,706	-	-	-	-
26	Total "	29,709	31,028	-	-	-	-

Vessels using Canadian Canals, 1945
Number and Net Registered Tons

	U.S. TO CANADA		TOTAL		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1945	1944	INCREASE	DECREASE
1	-	-	67	21	88	56	32	-
2	-	-	5	2	7	2	5	-
3	-	-	-	-	-	2	-	2
4	-	-	72	23	95	58	37	-
5	-	-	25,344	2,044	27,388	26,863	525	-
6	-	-	1,107	300	1,407	-	1,407	-
7	-	-	-	-	-	76	-	76
8	-	-	26,451	2,344	28,795	26,939	1,856	-
9	-	-	276	277	553	588	-	35
10	-	-	8	7	15	32	-	17
11	-	-	284	284	568	620	-	52
12	-	-	27,244	27,792	55,036	58,630	-	3,594
13	-	-	3,085	2,660	5,745	11,516	-	5,771
14	-	-	30,329	30,452	60,781	70,146	-	9,365
15	-	-	15	18	33	78	-	45
16	-	-	16	16	32	82	-	50
17	-	-	31	34	65	160	-	95
18	-	-	528	678	1,206	2,175	-	969
19	-	-	1,078	1,013	2,091	4,431	-	2,340
20	-	-	1,606	1,691	3,297	6,606	-	3,309
21	-	-	1,275	1,275	2,550	2,613	-	63
22	-	-	226	235	461	504	-	43
23	-	-	1,501	1,510	3,011	3,117	-	106
24	-	-	14,983	16,322	31,305	34,555	-	3,250
25	-	-	14,726	14,706	29,432	28,059	1,373	-
26	-	-	29,709	31,028	60,737	62,614	-	1,877

Table 12

Total Freight using

	Total Up Tons	Total Down Tons	Grand Total Tons	Transported in			
				Canadian Vessels		Foreign Vessels	
				Tons	P.C. of Total	Tons	P.C. of Total
Sault Ste. Marie	587,824	1,431,062	2,018,886	1,943,953	96.3	74,933	3.7
Welland Ship	1,127,171	11,855,161	12,982,332	10,851,439	85.6	2,130,895	16.4
St. Lawrence	1,097,905	5,849,965	6,947,870	6,935,912	99.8	11,958	.2
Ottawa River	75,821	184,351	259,172	258,172	100.0	-	-
Rideau	412	451	863	863	100.0	-	-
Richelieu River	25,966	22,612	48,578	46,578	100.0	-	-
Trent	475	50,157	50,612	50,612	100.0	-	-
Murray	290	1,915	2,205	2,205	100.0	-	-
St. Andrew's	6,585	4,851	11,216	11,216	100.0	-	-
St. Peter's	14,635	7,030	21,665	21,665	100.0	-	-
Total Canadian Canals	2,932,884	19,387,515	22,320,399	20,102,615	90.1	2,217,784	9.9
Sault Ste. Marie Canadian & U.S. x	16,216,631	97,059,819	113,276,450	14,161,949	12.5	99,114,501	87.5

x - From United States Official Report

Table 13

Traffic through Canals at Sault Ste. Marie,

	U P		
	Canadian Canal	United States Canal	Total
	No.	No.	No.
Vessel Passages	1,591	9,603	11,194
Registered Tonnage	3,048,526	40,388,499	43,437,025
Passengers	19,379	3,970	23,349
	Tons	Tons	Tons
Lumber	36	-	36
Pulpwood	380	500	880
Flour	145	-	145
Wheat	-	-	-
Grain, other than wheat	-	-	-
Copper	-	-	-
Iron Ore	600	87,207	87,807
Pig Iron	1,563	-	1,563
Manufactured Iron and Steel	5,980	35,668	41,648
Soft Coal and Coke	124,921	13,196,767	13,321,688
Hard Coal	5,785	523,339	529,124
Salt	11,631	55,951	67,582
Oil and Gasoline	153,683	685,251	838,934
Stone	8,680	903,611	912,291
Merchandise and Miscellaneous	274,420	140,646	415,066
Total Freight	587,824	15,628,940	16,216,764

Canadian Canals during 1945

	From Canadian to Canadian Ports		From Canadian to United States Ports		From United States to United States Ports		From United States to Canadian Ports	
	Up Tons	Down Tons	Up Tons	Down Tons	Up Tons	Down Tons	Up Tons	Down Tons
	414,995	1,181,291	991	225,649	10,526	24,122	161,512	-
	659,989	3,656,355	252,531	15,867	213,270	1,171,586	1,381	6,991,353
	851,604	2,661,011	219,970	1,980	38,014	29,750	8,317	3,157,224
	73,821	182,825	-	884	-	-	-	642
	412	451	-	-	-	-	-	-
	21	973	23,945	-	-	-	-	21,639
	475	50,137	-	-	-	-	-	-
	290	1,915	-	-	-	-	-	-
	6,385	4,831	-	-	-	-	-	-
	14,003	6,850	632	200	-	-	-	-
	2,001,995	7,746,619	498,069	244,580	261,610	1,225,458	171,210	10,170,858
	622,846	9,611,352	4,416	4,624,030	11,765,494	81,688,155	3,823,875	1,136,282

Canadian and United States, in 1945

	D O W N			Grand Total	Compared with 1945	
	Canadian Canal	United States Canal	Total		Increase	Decrease
	No.	No.	No.	No.	No.	No.
	1,087	10,211	11,298	22,492	-	1,010
	1,159,228	42,336,432	43,495,660	86,932,685	-	1,005,654
	19,868	2,827	22,695	46,044	-	1,651
	Tons	Tons	Tons	Tons	Tons	Tons
	-	3,166	3,166	3,202	3,202	-
	77,676	529,830	607,506	608,586	176,784	-
	72,993	36,073	109,066	109,211	9,465	-
	590,563	13,863,539	14,454,102	14,454,102	2,227,535	-
	459,166	2,677,042	3,136,208	3,136,208	630,706	-
	-	-	-	-	-	-
	-	78,039,957	78,039,957	78,127,764	-	4,678,828
	15,168	-	15,168	16,751	-	80,599
	160	118,732	118,892	160,540	-	57,752
	27,884	-	27,884	13,549,572	-	2,580,401
	-	-	-	529,124	125,907	-
	-	-	-	17,582	-	59,997
	5,367	-	5,367	844,301	61,519	-
	12,210	4,900	17,110	929,401	205,279	-
	169,875	356,251	526,126	941,192	88,634	-
	1,431,062	95,629,490	97,060,552	113,227,316	-	4,010,546

Table 14

Traffic on the

	Commodity	CANADA TO CANADA		CANADA TO U. S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	14,269	13,851	-	455	4,646	3,189
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>						
2	Barley	-	190,825	-	15,465	-	-
3	Corn	-	-	-	-	-	-
4	Oats	-	145,490	-	29,462	-	6,464
5	Rye	-	20,575	-	12,692	-	-
6	Flaxseed	-	38,193	-	-	-	-
7	Wheat	-	533,559	-	54,514	-	2,490
8	Other grains	-	-	-	-	-	-
9	Flour	145	72,993	-	-	-	-
10	Hay and Straw	-	-	-	-	-	-
11	Other mill products	1,635	91,080	-	-	-	-
12	Fruit and vegetables	302	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	2,082	1,092,715	-	112,133	-	8,954
	<u>ANIMAL PRODUCTS</u>						
15	Fish	-	155	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products ..	-	-	-	-	-	-
18	All other animal products	-	-	-	-	-	-
19	Total	-	155	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20	Gasoline	77,011	1,870	-	-	-	-
21	Petroleum and other oils	69,872	3,497	-	-	-	-
22	Agricultural implements	1,589	-	-	-	-	-
23	Cement, brick, plaster	-	-	-	-	-	-
24	Iron, pig and bloom	1,563	-	-	-	-	15,168
25	Iron and steel, other	5,211	160	-	-	769	-
26	Sugar	920	-	-	-	-	-
27	Salt	2,831	-	-	-	-	-
28	Beverages	382	-	-	-	-	-
29	Autos and parts	1,260	649	-	-	-	-
30	Paper	442	-	-	44,182	-	-
31	Wood pulp	-	-	-	-	-	-
32	Total	161,081	6,176	-	44,182	769	15,168
	<u>FOREST PRODUCTS</u>						
33	Pulpwood	380	9,442	-	68,234	-	-
34	Logs, posts, poles, piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber, mill, cooperage stock..	36	-	-	-	-	-
37	Other forest products	-	-	-	-	-	-
38	Total	416	9,442	-	68,234	-	-
	<u>MINE PRODUCTS</u>						
39	Hard coal	-	-	-	-	-	-
40	Soft coal	1,100	200	-	-	5,077	-
41	Coke	-	27,684	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	-	-	-	-	-
44	Other ore	30	-	-	-	-	-
45	Sand, gravel and stone	4,200	12,210	-	-	4,480	-
46	Total	5,330	40,094	-	-	9,557	-
47	All other freight	246,086	32,709	991	1,100	-	-
48	GRAND TOTAL	414,995	1,181,291	991	225,649	10,326	24,122

Tons (2,000 lbs.) of cargo

SAULT STE. MARIE Canal during 1945 (Canadian Lock)

	U.S. to CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1 9 4 5	1 9 4 4	Increase	Decrease
1	464	2,373	19,379	19,868	39,247	47,620	-	8,373
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	206,290	206,290	205,462	828	-
3	-	-	-	-	-	-	-	-
4	-	-	-	181,416	181,416	192,917	-	11,501
5	-	-	-	33,267	33,267	16,915	16,352	-
6	-	-	-	38,193	38,193	12,910	25,283	-
7	-	-	-	590,563	590,563	851,747	-	261,184
8	-	-	-	-	-	-	-	-
9	-	-	145	72,993	73,138	85,675	-	12,537
10	-	-	-	-	-	1,932	-	1,932
11	-	-	1,635	91,080	92,715	133,237	-	40,522
12	-	-	302	-	302	-	302	-
13	-	-	-	-	-	-	-	-
14	-	-	2,082	1,213,802	1,215,884	1,500,795	-	284,911
15	-	-	-	155	155	209	-	54
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	155	155	209	-	54
20	-	-	77,011	1,870	78,881	153,709	-	74,828
21	6,800	-	76,672	3,497	80,169	98,103	-	17,934
22	-	-	1,589	-	1,589	708	881	-
23	-	-	-	-	-	-	-	-
24	-	-	1,563	15,168	16,731	16,359	372	-
25	-	-	5,980	160	6,140	9,803	-	3,663
26	-	-	920	-	920	1,679	-	759
27	8,800	-	11,631	-	11,631	10,531	1,100	-
28	-	-	382	-	382	1,124	-	742
29	-	-	1,260	649	1,909	10,206	-	8,297
30	-	-	442	44,182	44,624	54,014	-	9,390
31	-	-	-	-	-	-	-	-
32	15,600	-	177,450	65,526	242,976	356,236	-	113,260
33	-	-	380	77,676	78,056	163,134	-	85,078
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	36	-	36	-	36	-
37	-	-	-	-	-	-	-	-
38	-	-	416	77,676	78,092	163,134	-	85,042
39	5,785	-	5,785	-	5,785	6,480	-	695
40	110,822	-	116,999	200	117,199	327,045	-	209,846
41	7,922	-	7,922	27,684	35,606	36,615	-	1,009
42	-	-	-	-	-	-	-	-
43	600	-	600	-	600	23,488	-	22,888
44	-	-	30	-	30	33	-	3
45	-	-	8,680	12,210	20,890	35,489	-	14,599
46	125,129	-	140,016	40,094	180,110	429,150	-	249,040
47	20,783	-	267,860	33,809	301,669	362,132	-	60,463
48	161,512	-	587,824	1,431,062	2,018,886	2,811,656	-	792,770

Table 15

Through and Way Traffic

	Commodity	CANADA TO CANADA		CANADA TO U. S.		U.S. TO U. S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	-	6	404	-	628	773
		Tons	Tons	Tons	Tons	Tons	Tons
	AGRICULTURAL PRODUCTS						
2	Barley	2,016	163,396	-	2,832	-	5,748
3	Corn	-	-	-	-	-	2,212
4	Oats	-	133,995	-	-	-	2,525
5	Rye	-	7,157	-	-	-	3,542
6	Flaxseed	-	68,668	-	-	-	-
7	Wheat	25,473	2,407,587	3,414	6,527	-	599,906
8	Other grains	-	4,140	-	-	-	-
9	Flour	145	-	-	-	-	-
10	Hay and straw	-	-	-	-	-	-
11	Other mill products	-	1,682	-	-	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	27,634	2,786,625	3,414	9,359	-	613,933
	ANIMAL PRODUCTS						
15	Fish	-	-	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products	-	-	-	-	-	-
18	All other animal products ...	-	-	-	-	-	-
19	Total	-	-	-	-	-	-
	MANUFACTURES AND MISCELLANEOUS						
20	Gasoline	75,441	315,262	-	-	14,064	221,657
21	Petroleum and other oils	77,897	272,582	14,181	-	17,150	22,440
22	Agricultural implements	1,796	2	-	-	-	-
23	Cement, brick, plaster	8,860	18,545	-	-	-	16,341
24	Iron, pig and bloom	1,007	-	-	-	-	48,239
25	Iron and steel, other	4,379	335	-	-	-	350
26	Sugar	6,974	300	-	-	-	-
27	Salt	-	7,776	-	-	-	-
28	Beverages	313	1,089	-	-	-	-
29	Autos and parts	59	661	-	-	-	1,080
30	Paper	317	158	103,174	6,398	36,536	-
31	Wood pulp	-	-	-	-	896	-
32	Total	177,043	616,710	117,355	6,398	68,646	310,107
	FOREST PRODUCTS						
33	Pulpwood	237,477	87,868	127,660	-	-	-
34	Logs, posts, poles, piling ..	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber, mill, cooperage stock	-	-	-	-	-	-
37	Other forest products	-	-	-	-	-	-
38	Total	237,477	87,868	127,660	-	-	-
	MINE PRODUCTS						
39	Hard coal	-	-	-	-	70,777	-
40	Soft coal	8,591	-	-	-	14,775	88,359
41	Coke	-	67,236	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	21,157	-	-	29,226	-
44	Other ore	15,047	2,498	1,288	-	26,754	-
45	Sand, gravel and stone	31,570	19,609	-	-	-	100
46	Total	55,208	110,500	1,288	-	141,532	88,459
47	All other freight	162,627	54,652	2,814	110	3,092	159,087
48	GRAND TOTAL	659,989	3,656,355	252,531	15,867	213,270	1,171,586

Tons (2,000 lbs.) of cargo.

on the WELLAND SHIP CANAL during 1945

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1 9 4 5	1 9 4 4	Increase	Decrease
1	-	801	1,032	1,580	2,612	798	1,814	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	2,016	171,976	173,992	209,282	-	35,290
3	-	3,080	-	5,292	5,292	21,458	-	16,166
4	-	-	-	136,520	136,520	75,495	61,025	-
5	-	-	-	10,699	10,699	-	10,699	-
6	-	-	-	68,668	68,668	31,886	36,782	-
7	-	-	28,887	3,014,020	3,042,907	1,130,082	1,912,825	-
8	-	30,738	-	34,878	34,878	8,348	26,530	-
9	-	-	145	-	145	1,499	-	1,354
10	-	-	-	-	-	-	-	-
11	-	-	-	1,682	1,682	12	1,670	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	33,818	31,048	3,443,735	3,474,783	1,478,062	1,996,721	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	73,321	89,505	610,240	699,745	732,391	-	32,646
21	-	1,102,873	109,228	1,397,895	1,507,123	1,486,280	20,843	-
22	-	-	1,796	2	1,798	944	854	-
23	-	-	8,860	34,886	43,746	36,914	6,832	-
24	-	-	1,007	48,239	49,246	47,848	1,398	-
25	-	10,330	4,379	11,015	15,394	28,011	-	12,617
26	-	-	6,974	300	7,274	6,220	1,054	-
27	-	684	-	8,460	8,460	14,023	-	5,563
28	-	-	313	1,089	1,402	2,256	-	854
29	-	-	59	1,741	1,800	498	1,302	-
30	-	-	140,027	6,556	146,583	124,549	22,034	-
31	-	-	896	-	896	-	896	-
32	-	1,187,208	363,044	2,120,423	2,483,467	2,479,934	3,533	-
33	-	-	365,137	87,868	453,005	280,318	172,687	-
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-
38	-	-	365,137	87,868	453,005	280,318	172,687	-
39	-	-	70,777	-	70,777	65,256	5,521	-
40	1,338	4,224,191	24,704	4,312,550	4,337,254	4,885,903	-	548,649
41	-	86,379	-	153,615	153,615	127,957	25,658	-
42	-	-	-	-	-	-	-	-
43	-	1,369,822	29,226	1,390,979	1,420,205	1,362,517	57,688	-
44	-	-	43,089	2,498	45,587	10,433	35,154	-
45	-	59,190	31,570	78,899	110,469	140,695	-	30,226
46	1,338	5,739,582	199,366	5,938,541	6,137,907	6,592,761	-	454,854
47	43	30,745	168,576	244,594	413,170	485,606	-	72,436
48	1,381	6,991,353	1,127,171	11,835,161	12,962,332	11,316,681	1,645,651	-

Table 16

Through Traffic on the

	Commodity	CANADA TO CANADA		CANADA TO U. S.		U. S. TO U. S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	-	-	404	-	628	773
	<u>AGRICULTURAL PRODUCTS</u>	Tons	Tons	Tons	Tons	Tons	Tons
2	Barley	-	161,380	-	2,832	-	5,748
3	Corn	-	-	-	-	-	2,212
4	Oats	-	135,995	-	-	-	2,525
5	Rye	-	7,157	-	-	-	3,542
6	Flaxseed	-	68,668	-	-	-	-
7	Wheat	780	2,122,377	-	3,250	-	599,906
8	Other grains	-	4,140	-	-	-	-
9	Flour	-	-	-	-	-	-
10	Hay and straw	-	-	-	-	-	-
11	Other mill products	-	1,682	-	-	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	780	2,499,399	-	6,082	-	613,933
	<u>ANIMAL PRODUCTS</u>						
15	Fish	-	-	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products..	-	-	-	-	-	-
18	All other animal products	-	-	-	-	-	-
19	Total	-	-	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20	Gasoline	47,396	309,462	-	-	14,064	221,657
21	Petroleum and other oils	70,725	222,583	14,181	-	17,150	22,440
22	Agricultural implements	1,296	2	-	-	-	-
23	Cement, brick, plaster	8,860	18,545	-	-	-	16,341
24	Iron, pig and bloom	1,007	-	-	-	-	48,239
25	Iron and steel, other	642	235	-	-	-	350
26	Sugar	6,674	-	-	-	-	-
27	Salt	-	7,776	-	-	-	-
28	Beverages	6	61	-	-	-	-
29	Autos and parts	59	661	-	-	-	1,080
30	Paper	237	-	5,450	-	36,536	-
31	Wood pulp	-	-	-	-	896	-
32	Total	136,902	559,325	19,631	-	68,646	310,107
	<u>FOREST PRODUCTS</u>						
33	Pulpwood	-	-	127,660	-	-	-
34	Logs, posts, poles, piling ...	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber, mill, cooperage stock	-	-	-	-	-	-
37	Other forest products	-	-	-	-	-	-
38	Total	-	-	127,660	-	-	-
	<u>MINE PRODUCTS</u>						
39	Hard coal	-	-	-	-	70,777	-
40	Soft coal	-	-	-	-	14,775	88,359
41	Coke	-	62,236	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	21,157	-	-	29,226	-
44	Other ore	-	-	1,288	-	26,754	-
45	Sand, gravel and stone	2,170	-	-	-	-	100
46	Total	2,170	83,393	1,288	-	141,532	88,459
47	All other freight	152,813	44,202	2,704	-	3,092	159,087
48	GRAND TOTAL	292,665	3,186,319	151,283	6,082	213,270	1,171,586

Tons (2,000 lbs.) of cargo

WELLAND SHIP CANAL during 1945

	U.S. TO CANADA		TOTAL		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1945	1944	Increase	Decrease
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1	-	801	1,032	1,574	2,606	798	1,808	-
2	-	-	-	169,960	169,960	209,282	-	39,322
3	-	3,080	-	5,292	5,292	21,458	-	16,166
4	-	-	-	136,520	136,520	75,495	61,025	-
5	-	-	-	10,699	10,699	-	10,699	-
6	-	-	-	68,668	68,668	31,886	36,782	-
7	-	-	780	2,725,533	2,726,313	960,523	1,765,790	-
8	-	30,738	-	34,878	34,878	8,348	26,530	-
9	-	-	-	-	-	1,324	-	1,324
10	-	-	-	-	-	-	-	-
11	-	-	-	1,682	1,682	12	1,670	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	33,818	780	3,153,232	3,154,012	1,308,328	1,845,684	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	73,321	61,460	604,440	665,900	696,562	-	30,662
21	-	1,102,873	102,056	1,347,896	1,449,952	1,435,102	14,850	-
22	-	-	1,296	2	1,298	944	354	-
23	-	-	8,860	34,886	43,746	36,914	6,832	-
24	-	-	1,007	48,239	49,246	47,848	1,398	-
25	-	10,330	642	10,915	11,557	22,932	-	11,375
26	-	-	6,674	-	6,674	6,220	454	-
27	-	684	-	8,460	8,460	14,023	-	5,563
28	-	-	6	61	67	462	-	395
29	-	-	59	1,741	1,800	473	1,327	-
30	-	-	42,223	-	42,223	49,333	-	7,110
31	-	-	896	-	896	-	896	-
32	-	1,187,208	225,179	2,056,640	2,281,819	2,310,813	-	28,994
33	-	-	127,660	-	127,660	71,630	56,030	-
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-
38	-	-	127,660	-	127,660	71,630	56,030	-
39	-	-	70,777	-	70,777	65,256	5,521	-
40	-	3,940,056	14,775	4,028,415	4,043,190	4,560,271	-	517,081
41	-	83,536	-	145,772	145,772	116,939	28,833	-
42	-	-	-	-	-	-	-	-
43	-	1,369,822	29,226	1,390,979	1,420,205	1,362,007	58,198	-
44	-	-	28,042	-	28,042	11	28,031	-
45	-	38,509	2,170	38,609	40,779	41,290	-	511
46	-	5,431,923	144,990	5,603,775	5,748,765	6,145,774	-	597,009
47	-	8,436	158,609	211,725	370,334	424,862	-	54,528
48	-	6,661,385	657,218	11,025,572	11,682,590	10,261,407	1,421,183	-

Table 17

WAY TRAFFIC ON THE

	Commodity	CANADA TO CANADA		CANADA TO U. S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	-	6	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>						
2	Barley	2,016	2,016	-	-	-	-
3	Corn	-	-	-	-	-	-
4	Oats	-	-	-	-	-	-
5	Rye	-	-	-	-	-	-
6	Flaxseed	-	-	-	-	-	-
7	Wheat	24,693	285,210	3,414	3,277	-	-
8	Other grains	-	-	-	-	-	-
9	Flour	145	-	-	-	-	-
10	Hay and straw	-	-	-	-	-	-
11	Other mill products	-	-	-	-	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	26,854	287,226	3,414	3,277	-	-
	<u>ANIMAL PRODUCTS</u>						
15	Fish	-	-	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products	-	-	-	-	-	-
18	All other animal products	-	-	-	-	-	-
19	Total	-	-	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20	Gasoline	28,045	5,800	-	-	-	-
21	Petroleum and other oils	7,172	49,999	-	-	-	-
22	Agricultural implements	500	-	-	-	-	-
23	Cement, brick, plaster	-	-	-	-	-	-
24	Iron, pig and bloom	-	-	-	-	-	-
25	Iron and steel, other	3,737	100	-	-	-	-
26	Sugar	300	300	-	-	-	-
27	Salt	-	-	-	-	-	-
28	Beverages	307	1,028	-	-	-	-
29	Autos and parts	-	-	-	-	-	-
30	Paper	80	158	97,724	6,398	-	-
31	Wood pulp	-	-	-	-	-	-
32	Total	40,141	57,385	97,724	6,398	-	-
	<u>FOREST PRODUCTS</u>						
33	Pulpwood	237,477	87,868	-	-	-	-
34	Logs, posts, poles, piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber, mill, cooperage stock	-	-	-	-	-	-
37	Other forest products	-	-	-	-	-	-
38	Total	237,477	87,868	-	-	-	-
	<u>MINE PRODUCTS</u>						
39	Hard coal	-	-	-	-	-	-
40	Soft coal	8,591	-	-	-	-	-
41	Coke	-	5,000	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	-	-	-	-	-
44	Other ore	15,047	2,498	-	-	-	-
45	Sand, gravel and stone	29,400	19,609	-	-	-	-
46	Total	53,038	27,107	-	-	-	-
47	All other freight	9,814	10,450	110	110	-	-
48	GRAND TOTAL	367,324	470,036	101,248	9,785	-	-

Tons (2,000 lbs.) of cargo

WELLAND SHIP CANAL during 1945

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1 9 4 5	1 9 4 4	Increase	Decrease
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1	-	-	-	6	6	-	6	-
2	-	-	2,016	2,016	4,032	-	4,032	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	28,107	288,487	316,594	169,559	147,035	-
8	-	-	-	-	-	-	-	-
9	-	-	145	-	145	175	-	30
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	30,268	290,503	320,771	169,734	151,037	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	28,045	5,800	33,845	35,829	-	1,984
21	-	-	7,172	49,999	57,171	51,178	5,993	-
22	-	-	500	-	500	-	500	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	3,737	100	3,837	5,079	-	1,242
26	-	-	300	300	600	-	600	-
27	-	-	-	-	-	-	-	-
28	-	-	307	1,028	1,335	1,794	-	459
29	-	-	-	-	-	25	-	25
30	-	-	97,804	6,556	104,360	75,216	29,144	-
31	-	-	-	-	-	-	-	-
32	-	-	137,865	63,783	201,648	169,121	32,527	-
33	-	-	237,477	87,868	325,345	208,688	116,657	-
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-
38	-	-	237,477	87,868	325,345	208,688	116,657	-
39	-	-	-	-	-	-	-	-
40	1,338	284,135	9,929	284,135	294,064	325,652	-	31,568
41	-	2,843	-	7,843	7,843	11,018	-	3,175
42	-	-	-	-	-	-	-	-
43	-	-	-	-	-	510	-	510
44	-	-	15,047	2,498	17,545	10,422	7,123	-
45	-	20,681	29,400	40,290	69,690	99,405	-	29,715
46	1,338	307,659	54,376	334,766	389,142	446,987	-	57,845
47	43	22,309	9,967	32,869	42,836	60,744	-	17,908
48	1,381	329,968	469,953	809,789	1,279,742	1,055,274	224,468	-

Table 18

Through and Way Traffic on the

	Commodity	CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	-	15,155	-	-	2	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>						
2	Barley	4,908	41,030	-	-	-	-
3	Corn	-	8,852	-	-	-	-
4	Oats	-	55,170	-	-	-	-
5	Rye	-	7,244	-	-	-	-
6	Flaxseed	-	35,558	-	-	-	-
7	Wheat	2,076	1,980,100	-	-	-	-
8	Other grains	-	-	-	-	-	-
9	Flour	-	-	-	-	-	-
10	Hay and straw	-	393	-	-	-	-
11	Other mill products	-	-	-	-	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	6,984	2,128,327	-	-	-	-
	<u>ANIMAL PRODUCTS</u>						
15	Fish	-	-	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products ..	-	-	-	-	-	-
18	All other animal products	-	6,298	-	-	-	-
19	Total	-	6,298	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20	Gasoline	172,922	31,222	-	-	-	-
21	Petroleum and other oils	157,648	74,628	1,700	-	-	-
22	Agricultural implements	-	269	-	-	-	-
23	Cement, brick, plaster	-	6,550	-	-	-	-
24	Iron, pig and bloom	-	-	-	-	-	-
25	Iron and steel, other	65	15,024	-	-	-	350
26	Sugar	35,136	-	-	-	-	-
27	Salt	-	7,606	-	-	-	-
28	Beverages	448	1,147	-	-	-	-
29	Autos and parts	-	1,457	1,240	-	-	1,080
30	Paper	237	187	49,973	1,526	35,436	-
31	Wood pulp	-	-	1,733	-	578	-
32	Total	366,456	136,090	54,646	1,526	36,014	1,430
	<u>FOREST PRODUCTS</u>						
33	Pulpwood	272,927	10	163,030	-	-	-
34	Logs, posts, poles, piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber, mill, cooperage stock ..	35,076	192	-	-	-	-
37	Other forest products	12	-	-	-	-	-
38	Total	308,015	202	163,030	-	-	-
	<u>MINE PRODUCTS</u>						
39	Hard coal	-	-	-	-	-	4,485
40	Soft coal	1,335	-	-	-	-	23,336
41	Coke	22	-	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	-	-	-	1,980	-
44	Other ore	14,417	3,823	1,288	-	-	-
45	Sand, gravel and stone	4,185	185,700	-	-	-	-
46	Total	19,959	189,523	1,288	-	1,980	27,821
47	All other freight	130,190	198,571	1,006	454	20	499
48	GRAND TOTAL	831,604	2,661,011	219,970	1,980	38,014	29,750

Tons (2,000 lbs.) of cargo

ST. LAWRENCE CANALS during 1945

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1 9 4 5	1 9 4 4	Increase	Decrease
1	-	-	2	15,155	15,157	13,158	1,999	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	4,908	41,030	45,938	102,867	-	56,929
3	-	-	-	8,832	8,832	21,757	-	12,925
4	-	-	-	55,170	55,170	26,998	28,172	-
5	-	-	-	7,244	7,244	-	7,244	-
6	-	-	-	35,558	35,558	-	35,558	-
7	-	-	2,076	1,980,100	1,982,176	498,621	1,483,555	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	393	393	823	-	430
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	371	-	371
13	-	-	-	-	-	-	-	-
14	-	-	6,984	2,128,327	2,135,311	651,437	1,483,874	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	502	-	502
18	-	-	-	6,298	6,298	5,782	516	-
19	-	-	-	6,298	6,298	6,284	14	-
20	-	-	172,922	84,274	257,196	340,111	-	82,915
21	109	53,052	159,457	79,236	238,693	205,432	35,261	-
22	-	4,608	-	269	269	3,186	-	2,917
23	-	-	-	6,550	6,550	11,138	-	4,588
24	-	-	-	-	-	10	-	10
25	-	-	65	15,374	15,439	12,423	3,016	-
26	-	-	35,136	-	35,136	28,894	6,242	-
27	-	724	-	8,330	8,330	14,429	-	6,099
28	-	-	448	1,147	1,595	3,227	-	1,632
29	-	-	1,240	2,537	3,777	953	2,824	-
30	-	1,468	85,646	3,181	88,827	186,112	-	97,285
31	-	-	2,311	-	2,311	1,052	1,259	-
32	109	59,852	457,225	200,898	658,123	804,967	-	146,844
33	-	-	435,957	10	435,967	299,494	136,473	-
34	-	-	-	-	-	65	-	65
35	-	-	-	-	-	-	-	-
36	334	-	35,410	192	35,602	22,971	12,631	-
37	-	-	12	-	12	-	12	-
38	334	-	471,379	202	471,581	322,530	149,051	-
39	-	109,287	-	113,772	113,772	110,760	3,012	-
40	-	2,755,296	1,335	2,758,632	2,759,967	2,976,796	-	216,829
41	-	13,887	22	13,887	13,909	8,169	5,740	-
42	-	-	-	-	-	-	-	-
43	-	-	1,980	-	1,980	-	1,980	-
44	-	233,631	15,705	237,654	253,359	426,883	-	173,524
45	-	-	4,185	185,700	189,885	210,357	-	20,472
46	-	3,092,301	23,227	3,309,645	3,332,872	3,732,965	-	400,093
47	7,874	5,071	139,090	204,595	343,685	344,685	-	1,000
48	8,317	3,157,224	1,097,905	5,849,965	6,947,870	5,862,868	1,085,002	-

Table 19

Through Traffic on the

	Commodity	CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	-	13,335	-	-	2	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>						
2	Barley	-	41,030	-	-	-	-
3	Corn	-	6,089	-	-	-	-
4	Oats	-	55,030	-	-	-	-
5	Rye	-	7,124	-	-	-	-
6	Flaxseed	-	35,558	-	-	-	-
7	Wheat	-	1,979,470	-	-	-	-
8	Other grains	-	-	-	-	-	-
9	Flour	-	-	-	-	-	-
10	Hay and straw	-	-	-	-	-	-
11	Other mill products	-	-	-	-	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	-	2,124,301	-	-	-	-
	<u>ANIMAL PRODUCTS</u>						
15	Fish	-	-	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products	-	-	-	-	-	-
18	All other animal products	-	6,298	-	-	-	-
19	Total	-	6,298	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20	Gasoline	72,700	28,672	-	-	-	-
21	Petroleum and other oils	94,551	74,428	1,700	-	-	-
22	Agricultural implements	-	255	-	-	-	-
23	Cement, brick, plaster	-	6,510	-	-	-	-
24	Iron, pig and bloom	-	-	-	-	-	-
25	Iron and steel, other	10	14,195	-	-	-	350
26	Sugar	35,136	-	-	-	-	-
27	Salt	-	7,551	-	-	-	-
28	Beverages	448	1,141	-	-	-	-
29	Autos and parts	-	1,386	1,240	-	-	1,080
30	Paper	-	187	48,649	-	35,436	-
31	Wood pulp	-	-	1,733	-	578	-
32	Total	202,845	154,325	53,322	-	36,014	1,430
	<u>FOREST PRODUCTS</u>						
33	Pulpwood	269,667	-	112,330	-	-	-
34	Logs, posts, poles, piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber, mill, cooperage stock	-	-	-	-	-	-
37	Other forest products	-	-	-	-	-	-
38	Total	269,667	-	112,330	-	-	-
	<u>MINE PRODUCTS</u>						
39	Hard coal	-	-	-	-	-	4,485
40	Soft coal	-	-	-	-	-	23,336
41	Coke	-	-	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	-	-	-	1,980	-
44	Other ore	14,417	3,823	1,288	-	-	-
45	Sand, gravel and stone	-	-	-	-	-	-
46	Total	14,417	3,823	1,288	-	1,980	27,821
47	All other freight	122,374	151,642	1,006	110	20	499
48	GRAND TOTAL	609,303	2,420,389	167,946	110	38,014	29,750

Tons (2,000 lbs.) of cargo

ST. LAWRENCE CANALS during 1945

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1945	1944	Increase	Decrease
1	-	-	2	13,335	13,337	-	13,337	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	41,030	41,030	93,998	-	52,968
3	-	-	-	6,089	6,089	784	5,305	-
4	-	-	-	55,030	55,030	26,998	28,032	-
5	-	-	-	7,124	7,124	-	7,124	-
6	-	-	-	35,558	35,558	-	35,558	-
7	-	-	-	1,979,470	1,979,470	497,970	1,481,500	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	261	-	261
13	-	-	-	-	-	-	-	-
14	-	-	-	2,124,301	2,124,301	620,011	1,504,290	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	315	-	315
18	-	-	-	6,298	6,298	5,782	516	-
19	-	-	-	6,298	6,298	6,097	201	-
20	-	53,052	72,700	81,724	154,424	248,388	-	93,964
21	-	4,608	96,251	79,036	175,287	158,560	16,727	-
22	-	-	-	255	255	3,176	-	2,921
23	-	-	-	6,510	6,510	10,478	-	3,968
24	-	-	-	-	-	-	-	-
25	-	-	10	14,545	14,555	10,677	3,878	-
26	-	-	35,136	-	35,136	28,894	6,242	-
27	-	724	-	8,275	8,275	14,275	-	6,000
28	-	-	448	1,141	1,589	3,025	-	1,436
29	-	-	1,240	2,466	3,706	750	2,956	-
30	-	1,468	84,085	1,655	85,740	181,492	-	95,752
31	-	-	2,311	-	2,311	1,052	1,259	-
32	-	59,852	292,181	195,607	487,788	660,767	-	172,979
33	-	-	381,997	-	381,997	258,534	123,463	-
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-
38	-	-	381,997	-	381,997	258,534	123,463	-
39	-	104,581	-	109,066	109,066	107,955	1,111	-
40	-	2,588,408	-	2,611,744	2,611,744	2,828,818	-	217,074
41	-	13,887	-	13,887	13,887	8,169	5,718	-
42	-	-	-	-	-	-	-	-
43	-	-	1,980	-	1,980	-	1,980	-
44	-	233,831	15,705	237,654	253,359	426,658	-	173,299
45	-	-	-	-	-	-	-	-
46	-	2,940,707	17,685	2,972,351	2,990,036	3,371,600	-	381,564
47	15	5,071	123,415	157,322	280,737	272,500	8,237	-
48	15	3,005,630	815,278	5,455,879	6,271,157	5,189,509	1,081,648	-

Table 20

Way Traffic on the

	Commodity	CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	-	1,820	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>						
2	Barley	4,908	-	-	-	-	-
3	Corn	-	2,743	-	-	-	-
4	Oats	-	140	-	-	-	-
5	Rye	-	120	-	-	-	-
6	Flaxseed	-	-	-	-	-	-
7	Wheat	2,076	630	-	-	-	-
8	Other grains	-	-	-	-	-	-
9	Flour	-	-	-	-	-	-
10	Hay and straw	-	393	-	-	-	-
11	Other mill products	-	-	-	-	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	6,984	4,026	-	-	-	-
	<u>ANIMAL PRODUCTS</u>						
15	Fish	-	-	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products ...	-	-	-	-	-	-
18	All other animal products	-	-	-	-	-	-
19	Total	-	-	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20	Gasoline	100,222	2,550	-	-	-	-
21	Petroleum and other oils	63,097	200	-	-	-	-
22	Agricultural implements	-	14	-	-	-	-
23	Cement, brick, plaster	-	40	-	-	-	-
24	Iron, pig and bloom	-	-	-	-	-	-
25	Iron and steel, other	55	829	-	-	-	-
26	Sugar	-	-	-	-	-	-
27	Salt	-	55	-	-	-	-
28	Beverages	-	6	-	-	-	-
29	Autos and parts	-	71	-	-	-	-
30	Paper	237	-	1,324	1,526	-	-
31	Wood pulp	-	-	-	-	-	-
32	Total	163,611	3,765	1,324	1,526	-	-
	<u>FOREST PRODUCTS</u>						
33	Pulpwood	3,260	10	50,700	-	-	-
34	Logs, posts, poles, piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber, mill, cooperage stock ..	35,076	192	-	-	-	-
37	Other forest products	12	-	-	-	-	-
38	Total	38,348	202	50,700	-	-	-
	<u>MINE PRODUCTS</u>						
39	Hard coal	-	-	-	-	-	-
40	Soft coal	1,335	-	-	-	-	-
41	Coke	22	-	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	-	-	-	-	-
44	Other ore	-	-	-	-	-	-
45	Sand, gravel and stone	4,185	185,700	-	-	-	-
46	Total	5,542	185,700	-	-	-	-
47	All other freight	7,816	46,929	-	344	-	-
48	GRAND TOTAL	222,301	240,622	52,024	1,870	-	-

Tons (2,000 lbs.) of cargo

ST. LAWRENCE CANALS during 1945

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1945	1944	Increase	Decrease
1	-	-	-	1,820	1,820	13,158	-	11,338
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	4,908	-	4,908	8,869	-	3,961
3	-	-	-	2,743	2,743	20,973	-	18,230
4	-	-	-	140	140	-	140	-
5	-	-	-	120	120	-	120	-
6	-	-	-	-	-	-	-	-
7	-	-	2,076	630	2,706	651	2,055	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	393	393	823	-	430
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	110	-	110
13	-	-	-	-	-	-	-	-
14	-	-	6,984	4,026	11,010	31,426	-	20,416
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	187	-	187
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	187	-	187
20	-	-	100,222	2,550	102,772	91,723	11,049	-
21	109	-	63,206	200	63,406	44,872	18,534	-
22	-	-	-	14	14	10	4	-
23	-	-	-	40	40	660	-	620
24	-	-	-	-	-	10	-	10
25	-	-	55	829	884	1,746	-	862
26	-	-	-	-	-	-	-	-
27	-	-	-	55	55	154	-	99
28	-	-	-	6	6	202	-	196
29	-	-	-	71	71	203	-	132
30	-	-	1,561	1,526	3,087	4,620	-	1,533
31	-	-	-	-	-	-	-	-
32	109	-	165,044	5,291	170,335	144,200	26,135	-
33	-	-	53,960	10	53,970	40,960	13,010	-
34	-	-	-	-	-	65	-	65
35	-	-	-	-	-	-	-	-
36	334	-	35,410	192	35,602	22,971	12,631	-
37	-	-	12	-	12	-	12	-
38	334	-	89,382	202	89,584	63,996	25,588	-
39	-	4,706	-	4,706	4,706	7,581	-	2,875
40	-	146,888	1,335	146,883	148,223	143,202	5,021	-
41	-	-	22	-	22	-	22	-
42	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-
44	-	-	-	-	-	225	-	225
45	-	-	4,185	185,700	189,885	210,357	-	20,472
46	-	151,594	5,542	337,294	342,836	361,365	-	18,529
47	7,859	-	15,675	47,273	62,948	72,185	-	9,237
48	8,302	151,594	282,627	394,086	676,713	673,359	3,354	-

Table 21

Traffic on the RICHELIEU

	Commodity	CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers - Number	-	4	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>						
2	Fruit and vegetables	-	-	-	-	-	-
3	Total	-	-	-	-	-	-
	<u>ANIMAL PRODUCTS</u>						
4	Fish	-	-	35	-	-	-
5	Other packing-house products	-	-	-	-	-	-
6	All other animal products	-	-	-	-	-	-
7	Total	-	-	35	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
8	Petroleum and other oils	-	-	-	-	-	-
9	Paper	-	-	21,974	-	-	-
10	Wood pulp	-	-	845	-	-	-
11	Total	-	-	22,819	-	-	-
	<u>FOREST PRODUCTS</u>						
12	Pulpwood	-	-	849	-	-	-
13	Total	-	-	849	-	-	-
	<u>MINE PRODUCTS</u>						
14	Hard coal	-	-	-	-	-	-
15	Soft coal	-	-	-	-	-	-
16	Other ore	-	-	-	-	-	-
17	Sand, gravel and stone	-	-	-	-	-	-
18	Total	-	-	-	-	-	-
19	All other freight	21	973	242	-	-	-
20	GRAND TOTAL	21	973	23,945	-	-	-

Table 22

Traffic on the OTTAWA

	<u>MANUFACTURES AND MISCELLANEOUS</u>						
1	Gasoline	63,657	-	-	-	-	-
2	Petroleum and other oils	7,092	-	-	-	-	-
3	Paper	-	-	-	884	-	-
4	Total	70,749	-	-	884	-	-
	<u>FOREST PRODUCTS</u>						
5	Logs, posts, poles, piling	1,732	125	-	-	-	-
6	Total	1,732	125	-	-	-	-
	<u>MINE PRODUCTS</u>						
7	Soft coal	1,340	-	-	-	-	-
8	Sand, gravel and stone	-	182,700	-	-	-	-
9	Total	1,340	182,700	-	-	-	-
10	GRAND TOTAL	73,821	182,825	-	884	-	-

Tons (2,000 lbs) of cargo

RIVER CANALS during 1945

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1944	
	UP	DOWN	UP	DOWN	1945	1944	Increase	Decrease
1	-	16	-	20	20	5	17	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	-	-	110	-	110
3	-	-	-	-	-	110	-	110
4	-	-	35	-	35	25	10	-
5	-	225	-	225	225	-	225	-
6	-	-	-	-	-	187	-	187
7	-	225	35	225	260	212	48	-
8	-	109	-	109	109	-	109	-
9	-	-	21,974	-	21,974	27,312	-	5,338
10	-	-	845	-	845	990	-	145
11	-	109	22,819	109	22,928	28,302	-	5,374
12	-	-	849	-	849	-	849	-
13	-	-	849	-	849	-	849	-
14	-	-	-	-	-	608	-	608
15	-	-	-	-	-	3,347	-	3,347
16	-	-	-	-	-	225	-	225
17	-	3,650	-	3,650	3,650	-	3,650	-
18	-	3,650	-	3,650	3,650	4,180	-	530
19	-	17,655	263	18,628	18,891	21,520	-	2,629
20	-	21,639	23,966	22,612	46,578	54,324	-	7,746

RIVER CANALS During 1945

1	-	-	63,657	-	63,657	52,551	11,106	-
2	-	-	7,092	-	7,092	10,454	-	3,362
3	-	642	-	1,526	1,526	4,461	-	2,935
4	-	642	70,749	1,526	72,275	67,466	4,809	-
5	-	-	1,732	125	1,857	250	1,607	-
6	-	-	1,732	125	1,857	250	1,607	-
7	-	-	1,340	-	1,340	995	345	-
8	-	-	-	182,700	182,700	203,500	-	20,800
9	-	-	1,340	182,700	184,040	204,495	-	20,455
10	-	642	73,821	184,351	258,172	272,211	-	14,039

Table 23

Traffic on the ST. PETERS

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1.	Passengers - Number	209	62	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>						
2.	Oats	2	-	-	-	-	-
3.	Flour	-	6	-	-	-	-
4.	Hay and straw	13	-	-	-	-	-
5.	Fruit and vegetables	56	4	62	-	-	-
6.	Potatoes	1,794	28	269	-	-	-
7.	Total	1,865	38	331	-	-	-
	<u>ANIMAL PRODUCTS -</u>						
8.	Fish	17	346	-	200	-	-
9.	Other packing-house products...	-	-	-	-	-	-
10.	All other animal products ...	1	-	-	-	-	-
11.	Total	18	346	-	200	-	-
	<u>MANUFACTURES AND MISC. -</u>						
12.	Gasoline	8,324	50	-	-	-	-
13.	Petroleum and other oils	1,654	59	5	-	-	-
14.	Cement, brick, plaster	-	36	-	-	-	-
15.	Iron, pig and bloom	-	-	-	-	-	-
16.	Iron and steel, other	1,624	4	-	-	-	-
17.	Salt	-	-	-	-	-	-
18.	Total	11,602	149	5	-	-	-
	<u>FOREST PRODUCTS -</u>						
19.	Logs-posts-poles-piling	-	1	-	-	-	-
20.	Firewood	-	30	-	-	-	-
21.	Lumber-mill-cooperage stk. ...	20	7	-	-	-	-
22.	Other forest products	-	1	32	-	-	-
23.	Total	20	39	32	-	-	-
	<u>MINE PRODUCTS -</u>						
24.	Soft coal	147	6,146	-	-	-	-
25.	Sand, gravel and stone	-	2	-	-	-	-
26.	Total	147	6,148	-	-	-	-
27.	All other freight	351	110	264	-	-	-
28.	GRAND TOTAL	14,003	6,830	632	200	-	-

Tons (2,000 lbs.) of cargo.

Canal during 1945

	U.S. to Canada		T o t a l		GRAND TOTAL		Compared with 1944	
	Up	Down	Up	Down	1945	1944	Increase	Decrease
1	-	-	209	62	271	183	88	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	2	-	2	35	-	33
3	-	-	-	6	6	155	-	149
4	-	-	13	-	13	424	-	411
5	-	-	118	4	122	253	-	131
6	-	-	2,063	28	2,091	2,457	-	366
7	-	-	2,196	38	2,234	3,324	-	1,090
8	-	-	17	546	563	982	-	419
9	-	-	-	-	-	239	-	239
10	-	-	1	-	1	7	-	6
11	-	-	18	546	564	1,228	-	664
12	-	-	8,324	50	8,374	8,861	1,513	-
13	-	-	1,659	59	1,718	1,210	508	-
14	-	-	-	36	36	-	36	-
15	-	-	-	-	-	45	-	45
16	-	-	1,624	4	1,628	1	1,627	-
17	-	-	-	-	-	2,416	-	2,416
18	-	-	11,607	149	11,756	10,533	1,223	-
19	-	-	-	1	1	9	-	8
20	-	-	-	30	30	96	-	66
21	-	-	20	7	27	1,286	-	1,259
22	-	-	32	1	33	-	33	-
23	-	-	52	39	91	1,391	-	1,300
24	-	-	147	6,146	6,293	210,580	-	204,287
25	-	-	-	2	2	-	2	-
26	-	-	147	6,148	6,295	210,580	-	204,285
27	-	-	615	110	725	14,516	-	13,791
28	-	-	14,635	7,030	21,665	241,572	-	219,907

Note: In addition to the above, 117 fishing boats carrying a cargo of 3 tons passed through the St. Peter's Canal in 1945.

Table 24

Traffic on the

Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
	Up	Down	Up	Down	Up	Down
1. Passengers - Number	-	-	-	-	-	-
	Tons	Tons	Tons	Tons	Tons	Tons
2. Gasoline	-	1,815	-	-	-	-
3. Iron and steel, other	-	100	-	-	-	-
4. Total	-	1,915	-	-	-	-
5. All other freight	290	-	-	-	-	-
6. GRAND TOTAL	290	1,915	-	-	-	-

Tons (2,000 lbs.) of cargo.

Table 25

Traffic on the

1. Passengers - Number	2,017	2,430	-	-	-	-
	Tons	Tons	Tons	Tons	Tons	Tons
<u>AGRICULTURAL PRODUCTS -</u>						
2. Oats	-	34	-	-	-	-
3. Wheat	-	7	-	-	-	-
4. Flour	-	455	-	-	-	-
5. Hay and straw	-	144	-	-	-	-
6. Other mill products	-	8	-	-	-	-
7. Fruit and vegetables	20	10	-	-	-	-
8. Total	20	658	-	-	-	-
<u>ANIMAL PRODUCTS -</u>						
9. Fish	2,538	-	-	-	-	-
10. Dressed meats	-	5	-	-	-	-
11. Other packing-house products ..	-	-	-	-	-	-
12. All other animal products	5	35	-	-	-	-
13. Total	2,543	40	-	-	-	-
<u>MANUFACTURES AND MISC. -</u>						
14. Gasoline	9	695	-	-	-	-
15. Petroleum and other oils	-	135	-	-	-	-
16. Agricultural implements	-	2	-	-	-	-
17. Cement, brick, plaster	-	308	-	-	-	-
18. Iron, pig and bloom	-	41	-	-	-	-
19. Iron and steel, other	-	201	-	-	-	-
20. Sugar	-	1	-	-	-	-
21. Beverages	-	83	-	-	-	-
22. Autos and parts	11	10	-	-	-	-
23. Total	20	1,476	-	-	-	-
<u>FOREST PRODUCTS -</u>						
24. Firewood	180	-	-	-	-	-
25. Lumber-mill-cooperage stk. ..	3,376	39	-	-	-	-
26. Total	3,556	39	-	-	-	-
<u>MINE PRODUCTS -</u>						
27. Hard coal	-	-	-	-	-	-
28. Soft coal	-	110	-	-	-	-
29. Other ore	32	-	-	-	-	-
30. Total	32	110	-	-	-	-
31. All other freight	214	2,508	-	-	-	-
32. GRAND TOTAL	6,385	4,831	-	-	-	-

Tons (2,000 lbs.) of cargo.

MURRAY CANAL during 1945

	U.S. to Canada		T o t a l		GRAND TOTAL		Compared with 1944	
	Up	Down	Up	Down	1945	1944	Increase	Decrease
1	-	-	-	-	-	-	-	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	1,815	1,815	1,500	315	-
3	-	-	-	100	100	-	100	-
4	-	-	-	1,915	1,915	1,500	415	-
5	-	-	290	-	290	-	290	-
6	-	-	290	1,915	2,205	1,500	705	-

ST. ANDREWS CANAL during 1945

1	-	-	2,017	2,430	4,447	4,697	-	250
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	34	34	160	-	126
3	-	-	-	7	7	-	7	-
4	-	-	-	455	455	429	26	-
5	-	-	-	144	144	182	-	38
6	-	-	-	8	8	6	2	-
7	-	-	20	10	30	24	6	-
8	-	-	20	658	678	801	-	123
9	-	-	2,538	-	2,538	2,066	472	-
10	-	-	-	5	5	12	-	7
11	-	-	-	-	-	53	-	53
12	-	-	5	35	40	5	35	-
13	-	-	2,543	40	2,583	2,136	447	-
14	-	-	9	695	704	884	-	180
15	-	-	-	135	135	81	54	-
16	-	-	-	2	2	-	2	-
17	-	-	-	308	308	178	130	-
18	-	-	-	41	41	29	12	-
19	-	-	-	201	201	72	129	-
20	-	-	-	1	1	-	1	-
21	-	-	-	83	83	99	-	16
22	-	-	11	10	21	27	-	6
23	-	-	20	1,476	1,496	1,370	126	-
24	-	-	180	-	180	788	-	608
25	-	-	3,376	39	3,415	4,011	-	596
26	-	-	3,556	39	3,595	4,799	-	1,204
27	-	-	-	-	-	2	-	2
28	-	-	-	110	110	68	42	-
29	-	-	32	-	32	-	32	-
30	-	-	32	110	142	70	72	-
31	-	-	214	2,508	2,722	2,458	264	-
32	-	-	6,385	4,831	11,216	11,634	-	418

Table 26

Traffic on the

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down (1)	Up	Down	Up	Down
1.	Passengers - Number	3,658	3,884	-	-	-	-
	AGRICULTURAL PRODUCTS -	Tons	Tons	Tons	Tons	Tons	Tons
	ANIMAL PRODUCTS -						
	MANUFACTURES AND MISC. -						
2.	Gasoline	3	-	-	-	-	-
3.	Petroleum and other oils ...	1	-	-	-	-	-
4.	Cement, brick, plaster	45	4	-	-	-	-
5.	Iron and steel, other	5	-	-	-	-	-
6.	Total	54	4	-	-	-	-
	FOREST PRODUCTS -						
7.	Logs-posts-poles-piling	42	-	-	-	-	-
8.	Firewood	-	15	-	-	-	-
9.	Lumber-mill-cooperage stk. ..	83	6	-	-	-	-
10.	Other forest products	24	-	-	-	-	-
11.	Total	149	21	-	-	-	-
	MINE PRODUCTS -						
12.	Hard coal	-	4	-	-	-	-
13.	Soft coal	40	129	-	-	-	-
14.	Sand, gravel and stone	131	265	-	-	-	-
15.	Total	171	398	-	-	-	-
16.	All other freight	38	28	-	-	-	-
17.	GRAND TOTAL	412	451	-	-	-	-

Tons (2,000 lbs.) of cargo (1) Lake Ontario towards Ottawa River is classed as Down.

Table 27

Traffic on the

1.	Passengers - Number	9,100	9,838	-	-	-	-
	AGRICULTURAL PRODUCTS -	Tons	Tons	Tons	Tons	Tons	Tons
2.	Oats	-	-	-	-	-	-
3.	Wheat	-	-	-	-	-	-
4.	Flour	-	1	-	-	-	-
5.	Hay and straw	2	11	-	-	-	-
6.	Other mill products	-	1	-	-	-	-
7.	Fruit and vegetables	-	2	-	-	-	-
8.	Potatoes	-	1	-	-	-	-
9.	Total	2	16	-	-	-	-
	ANIMAL PRODUCTS -						
10.	Other packing-house products .	-	-	-	-	-	-
11.	All other animal products ...	-	3	-	-	-	-
12.	Total	-	3	-	-	-	-
	MANUFACTURES AND MISC. -						
13.	Gasoline	19	96	-	-	-	-
14.	Petroleum and other oils ...	20	19	-	-	-	-
15.	Cement, brick, plaster	15	-	-	-	-	-
16.	Iron and steel, other	9	2	-	-	-	-
17.	Beverages	-	-	-	-	-	-
18.	Autos and parts	-	-	-	-	-	-
19.	Total	63	117	-	-	-	-
	FOREST PRODUCTS -						
20.	Logs-posts-poles-piling	131	164	-	-	-	-
21.	Firewood	-	42	-	-	-	-
22.	Lumber-mill-cooperage stk. ..	46	8,544	-	-	-	-
23.	Other forest products	2	27	-	-	-	-
24.	Total	179	8,777	-	-	-	-
	MINE PRODUCTS -						
25.	Hard coal	-	-	-	-	-	-
26.	Soft coal	20	13	-	-	-	-
27.	Other ore	-	41,139	-	-	-	-
28.	Sand, gravel and stone	48	-	-	-	-	-
29.	Total	68	41,152	-	-	-	-
30.	All other freight	163	72	-	-	-	-
31.	GRAND TOTAL	475	50,137	-	-	-	-

(1) Lake Huron towards Lake Ontario is classed as Down.

RIDEAU CANAL during 1945

	U.S. to Canada		Total		GRAND TOTAL		Compared with 1944	
	Up	Down	Up	Down (1)	1945	1944	Increase	Decrease
1	-	-	3,658	3,884	7,542	5	7,539	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	3	-	5	-	3	-
3	-	-	1	-	1	6	-	5
4	-	-	45	4	49	108	-	59
5	-	-	5	-	5	25	-	20
6	-	-	54	4	58	139	-	81
7	-	-	42	-	42	123	-	81
8	-	-	-	15	15	-	15	-
9	-	-	83	6	89	145	-	56
10	-	-	24	-	24	-	24	-
11	-	-	149	21	170	268	-	98
12	-	-	-	4	4	3	1	-
13	-	-	40	129	169	218	-	49
14	-	-	131	265	396	507	-	111
15	-	-	171	398	569	728	-	159
16	-	-	38	28	66	1,579	-	1,513
17	-	-	412	451	863	2,714	-	1,851

TRENT CANAL during 1945

1	-	-	9,100	9,838	18,938	18,012	926	-
2	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	-	-	4	-	4
3	-	-	-	-	-	1	-	1
4	-	-	-	1	1	5	-	4
5	-	-	2	11	13	10	3	-
6	-	-	-	1	1	-	1	-
7	-	-	-	2	2	6	-	4
8	-	-	-	1	1	-	1	-
9	-	-	2	16	18	26	-	8
10	-	-	-	-	-	1	-	1
11	-	-	-	3	3	-	3	-
12	-	-	-	3	3	1	2	-
13	-	-	19	96	115	109	6	-
14	-	-	20	19	39	57	-	18
15	-	-	15	-	15	3	12	-
16	-	-	9	2	11	11	-	-
17	-	-	-	-	-	3	-	3
18	-	-	-	-	-	3	-	3
19	-	-	63	117	180	186	-	6
20	-	-	131	164	295	58	237	-
21	-	-	-	42	42	104	-	62
22	-	-	46	8,544	8,590	125	8,465	-
23	-	-	2	27	29	-	29	-
24	-	-	179	8,777	8,956	287	8,669	-
25	-	-	-	-	-	10	-	10
26	-	-	20	13	33	-	33	-
27	-	-	-	41,139	41,139	39,731	1,408	-
28	-	-	48	-	48	-	48	-
29	-	-	68	41,152	41,220	39,741	1,479	-
30	-	-	163	72	235	106	129	-
31	-	-	475	50,137	50,612	40,347	10,265	-

STATISTICS CANADA LIBRARY
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