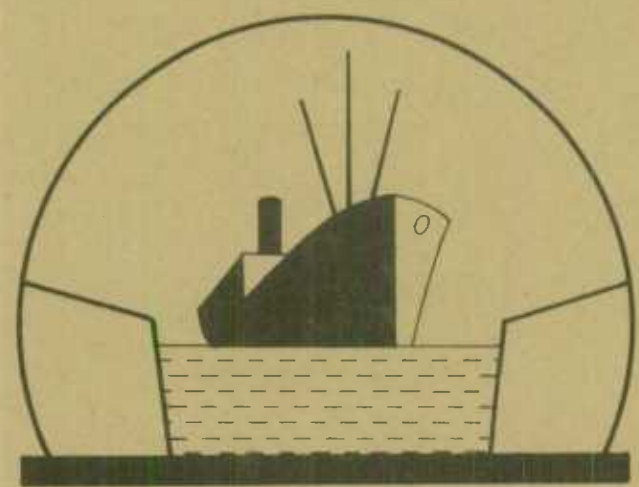


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CANAL STATISTICS
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**DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE**

CANAL STATISTICS

FOR THE YEAR ENDED

DECEMBER 31

1950

Prepared in collaboration with the Department of Transport

Published by Authority of the Rt. Hon. C. D. Howe
Minister of Trade and Commerce

Prepared in the Public Finance and Transportation Division,
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TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS 1930 - 1950

MILLION TONS

30

25

20

15

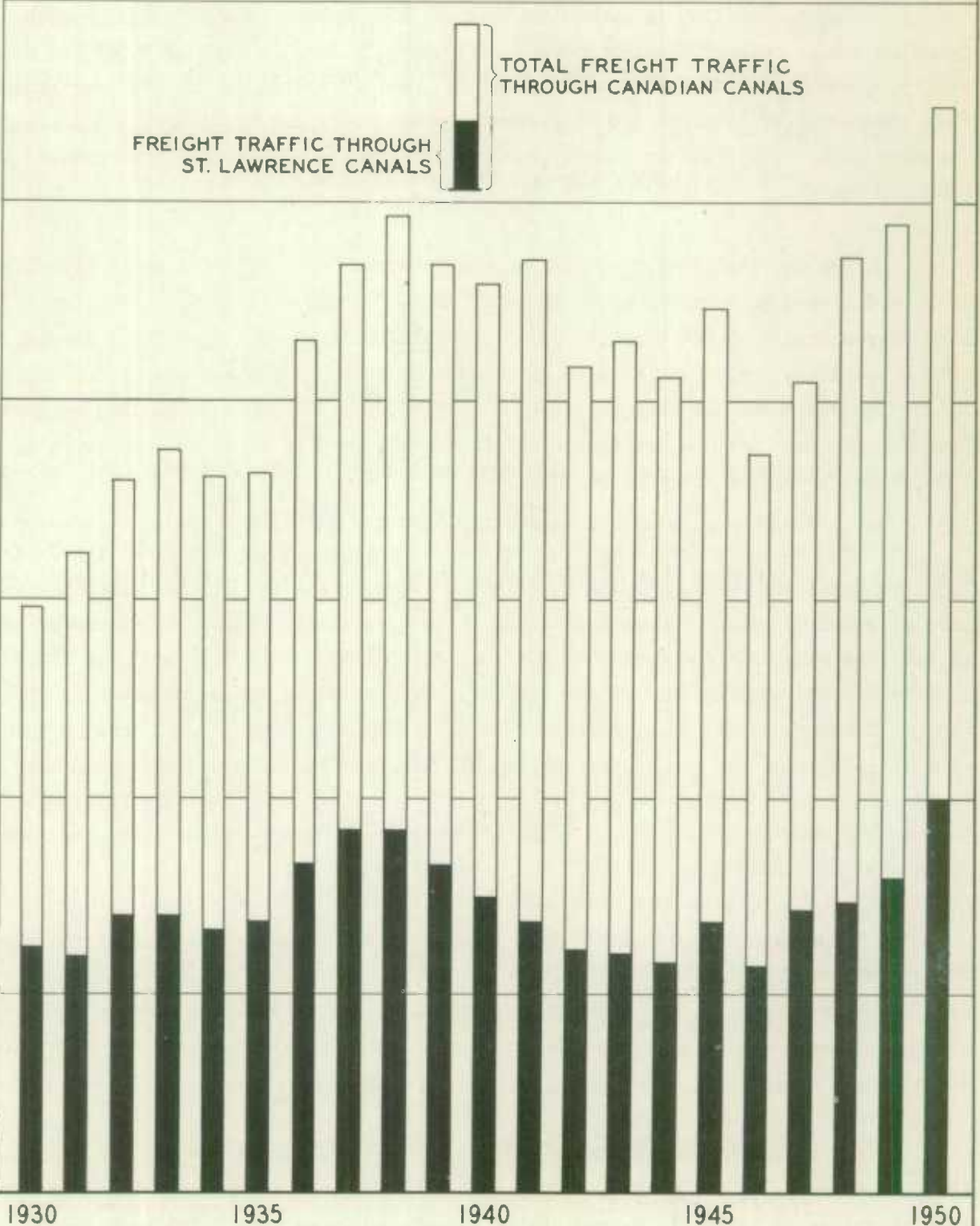
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FREIGHT TRAFFIC THROUGH
ST. LAWRENCE CANALS

TOTAL FREIGHT TRAFFIC
THROUGH CANADIAN CANALS



1930

1935

1940

1945

1950

CANAL STATISTICS

1 9 5 0

Modern Record Reached in 1950

During the 1950 season of navigation, the tonnage of all freight passing through Canadian canals reached a modern record of 27,439,076 tons, a gain of 3,065,324 tons or 12.6 p.c. over the 1949 traffic. This is the greatest volume during any year since 1914 when the number of locks at the American Sault was increased to relieve the pressure on the Canadian lock. The previous modern peak was in 1938 when 24,636,462 tons passed through the Canadian systems.

The Canadian lock at Sault Ste. Marie opened on April 23rd or 12 days later than in 1949, and closed on December 15th, one day later. It was thus in operation for 237 days in 1950 as compared with 248 days in 1949. The Welland Ship canal also had a shorter season in 1950 - operation ceased on the same day, December 20th, in the two years, but navigation had opened two weeks earlier in 1949. The canal thus operated 266 days in 1950 against 281 in the previous season. The St. Lawrence canals, however, were in service 7 days more in 1950 than in 1949, with 249 days as opposed to 242.

In Table 1 Canadian canal traffic is combined with that through the United States locks at Sault Ste. Marie and the traffic is divided according to the different canal systems through which it passed. From this table it is possible to follow the volume of traffic moving to and from Lake Superior Ports and Montreal and beyond. This declined from 719,674 tons in 1949 to 542,803 tons in 1950 as the flow of wheat and grain decreased sharply. Traffic using the St. Lawrence system only advanced from 3,754,733 tons to 5,275,330 tons in 1950, an increase of 40.5 per cent. The combination of the St. Lawrence and Welland canals recorded 3,871,269 tons of freight, up 20.8 per cent from the 1949 total of 3,205,558 tons. Vessels moving between Lake Ontario and Lake Superior carried 2,909,167 tons in 1950 compared to 3,397,354 tons in 1949, a decline of 14.4 per cent.

From this analysis it is readily ascertained by an examination of the up and down movements how much freight tonnage terminated or originated within certain regions or broad areas and used one or more canals. The totals, of course, do not include the considerable coastwise trade moving between ports on the same lake or between Lakes Michigan, Huron and Erie where no canal passages are necessary.

As shown in Table 2, there were 24,420 vessels locked through the Canadian canals in 1950, an increase of 201 over the 1949 total of 24,219. The number of Canadian bottoms declined from 21,724 to 21,179 while United States vessels advanced from 2,159 to 2,785 and other foreign rose from 336 to 456 vessels. Net tonnage of vessels was up to 25,503,465 tons from 24,033,869, an increase of 1,469,596 tons or 6.1 p.c.

Passenger traffic on the larger vessels declined considerably from 81,216 in 1949 to 64,255 in 1950, a decrease of 16,961 or 20.9 per cent. Most of this decrease was the result of the abandonment of the historic "Rapids" service of the Canada Steamship Lines between Kingston and Montreal. Scheduled passenger travel on the St. Lawrence canals was virtually eliminated by this decision after a century of service. Passenger traffic through the Welland also decreased sharply from 13,059 in 1949 to 4,843 in 1950. The Sault, however, reported an increase from 50,921 to 56,765. In addition, there were thousands of small pleasure craft, both Canadian and American, locked through the various canals.

Including the 4 American locks at Sault Ste. Marie, which constitute an essential link in the Great Lakes canal system, the grand total of all canal freight traffic during 1950 was 131,333,875 tons as compared with 118,260,007 tons in 1949, an increase of 13,073,868 tons or 11.1 per cent. The above totals include traffic using more than one canal. Of the 27,439,076 tons of freight passing through Canadian canals only during 1950, 24,532,213 tons or 89.4 per cent was transported in Canadian bottoms (Table 3). At the Canadian Sault Ste. Marie canal, domestic vessels carried 96.2 per cent of the 2,213,301 tons transported. At the Welland Ship Canal the percentage was 82.8 and through the St. Lawrence, 97.1 per cent. Domestic vessels carried all freight passing through the other smaller canals.

As shown in Table 10, two-thirds of the freight entering the St. Lawrence Canals from outside points was carried in Canadian bottoms returning from the Atlantic Provinces and the United States. However, the number of foreign vessels (other than U. S.), and the amount of freight carried by them, increased considerably over the previous year. In 1950, 108 foreign vessels carried 146,946 tons of freight through to Great Lakes ports as compared to 80 vessels transporting 75,384 tons in 1949. Vessels of Norwegian, Swedish and Dutch registry predominated, carrying 94.9 per cent of the total cargo tonnage inbound from outside points in foreign bottoms. The outward movement in the same category showed 94 vessels of foreign registry carrying 109,554 tons of cargo compared to 65 vessels with 59,057 tons of cargo during the 1949 season. Considerable of the movement was to and from United States Great Lakes ports and a wide variety of commodities was carried. While most of the vessels were on tramp or irregular service, a few lines maintained scheduled operations to Northern Europe. Ocean-going freighters are restricted by Lock 17 at Cornwall which has a length of 270 feet, is 43 feet, 6 inches wide, and has only 14 feet normal draught. This section is the center of the proposed Seaway plan which would nearly double the limiting depth from Lachine to Cardinal.

General Notes

The traffic statistics of the Canadian canals are collected through the local agents of the Department of Transport and compiled by the Transportation Section 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 feet 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 passing through 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 duplication.

In Table 1 of this report duplications are eliminated except that freight which was unloaded and reloaded was not considered a duplication. Thus, grain transhipped at Georgian Bay and Lake Erie ports is not considered as duplication 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 but a very small percentage of the total.

As shown in Table 17, Canadian vessels carry by far the major portion of the total of all grain moving down the Welland Ship Canal.

The number of vessels and net registered tonnages using each canal are shown in Table 6 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 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 7, 8 and 9 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".

A summary of expenditures from pre-Confederation to March 31, 1950, on the Canadian canal system indicates a gross outlay of some \$375.4 millions on construction, repair and maintenance. With an operating credit of \$39.6 millions, the grand total net expenditures were some \$335.8 millions. The Welland Canal has required a net of over \$159 millions.

Chart

Chart 1 presents the total freight carried through all Canadian canals compared with the amount shipped through the St. Lawrence Canals over the period 1930 to 1950.

Total traffic on all canals rose from a low of 14.8 million tons in 1930 to a record 27.4 million tons in 1950, an increase of 85.1 per cent. Shipments through the St. Lawrence canals generally follow the trend for all canals and reached a peak of 10.0 million tons in 1950. Freight shipped through the St. Lawrence represented 41.9 per cent of total canal freight in 1930, 32.8 per cent in 1940 and 36.5 per cent in 1950.

CANADIAN CANAL TRAFFIC, 1950

Table 1. (Includes traffic through the United States locks at Sault Ste. Marie)

∧ Duplications excluded

Tons of Freight (2,000 lbs.)

Canal	Up	Down	Total 1950	Total 1949
Ottawa only	-	27,762	27,762	12,250
Richelieu only	79,992	8,893	88,885	93,479
St. Lawrence and Ottawa	5,742	257,639	263,381	267,227
St. Lawrence, Ottawa & Richelieu	(1) -	(2) 3,461	3,461	2,853
St. Lawrence & Richelieu	(1) 13,027	(2) -	13,027	10,149
St. Lawrence only	2,675,363	2,599,967	5,275,330	3,754,733
St. Lawrence & Welland Ship	1,279,287	2,591,982	3,871,269	3,205,558
St. Lawrence, Welland Ship & Sault Ste. Marie	184,381	358,422	542,803	719,674
Welland Ship only	985,320	6,432,014	7,417,334	6,369,623
Welland Ship & Sault Ste. Marie	283,019	2,626,148	2,909,167	3,397,354
Sault Ste. Marie only (Canadian & U.S.) (3)	16,485,307	86,258,461	102,743,768	92,070,741
Rideau River	373	842	1,215	1,163
Trent	229	373	602	418
Murray	-	2,969	2,969	700
St. Andrew's	10,531	4,370	14,901	16,064
St. Peter's	2,795	5,010	7,805	12,679
Total	22,005,366	101,178,313	123,183,679	109,934,665

∧ Duplications 546,264 tons.

(1) Down the Richelieu River Canal.

(2) Up the Richelieu River Canal.

(3) Through both Canadian and United States locks at Sault Ste. Marie. U. S. locks are -

- (1) Poe Lock—Length 704 ft., Width 100 ft., Depth 16.6 ft., (2) Davis Lock—Length 1,350 ft., Width 80 ft., Depth 23.1 ft., (3) Sabin Lock—Length 1,350 ft., Width 80 ft., Depth 23.1 ft., (4) MacArthur Lock 800 ft., Width 80 ft., Depth 51.0 ft.

Table 2

TOTAL TRAFFIC THROUGH THE

		Sault Ste. Marie	Welland Ship	St. Lawrence River	Ottawa River	Rideau
1.	Canadian Vessels	No. 2,694	5,504	9,856	1,117	118
2.	United States "	" 955	1,716	68	-	17
3.	Other Foreign "	" 17	216	223	-	-
4.	Total Vessels	" 3,666	7,436	10,147	1,117	135
5.	Passengers	" 56,765	4,843	28	-	505
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
6.	Canadian Vessels - Steam	2,654,726	10,224,716	7,735,432	24,530	1,666
7.	Canadian Vessels - Sail /	305,941	202,469	301,757	315,554	2,521
8.	United States " - Steam	567,867	2,108,542	32,282	-	269
9.	United States " - Sail /	2,060	462,680	-	-	-
10.	Other Foreign "	13,600	161,035	164,001	-	-
11.	Total Vessels	3,544,194	13,159,442	8,233,472	340,084	4,456
	<u>AGRICULTURAL PRODUCTS</u>					
12.	Barley	223,523	290,991	167,324	-	-
13.	Corn	61,995	655,505	498,948	-	-
14.	Oats	179,326	124,203	78,351	-	-
15.	Rye	11,850	13,525	8,555	-	-
16.	Flaxseed	53,398	147,164	128,853	-	-
17.	Wheat	402,170	2,299,280	1,891,827	-	-
18.	Other Grains	-	115,849	2,995	-	-
19.	Flour	60,544	23,175	20,628	-	-
20.	Hay and Straw	-	-	-	-	-
21.	Other Mill Products	91,353	2,034	867	-	-
22.	Fruit and Vegetables	-	-	-	-	-
23.	Potatoes	-	-	-	-	-
24.	Total	1,083,959	3,671,726	2,798,348	-	-
	<u>ANIMAL PRODUCTS</u>					
25.	Fish	168	790	790	-	-
26.	Dressed Meats	-	-	-	-	-
27.	Other Packing-house Products	-	-	-	-	-
28.	All other Animal Products	-	-	4,139	-	-
29.	Total	168	790	4,929	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>					
30.	Gasoline	158,804	854,251	917,482	3,427	2
31.	Petroleum and other Oils	72,049	1,356,630	1,165,897	1,040	1
32.	Agricultural Implements	3,528	2,657	-	-	-
33.	Cement, Brick and Plaster	-	77,179	558	-	38
34.	Iron, Pig and Bloom	2,870	68,722	1,500	-	-
35.	Iron and Steel, other	12,513	54,653	66,594	-	12
36.	Sugar	5,580	56,440	56,402	-	-
37.	Salt	745	83,091	73,991	-	-
38.	Beverages	-	45	528	-	-
39.	Autos and Parts	9,522	2,932	7,871	-	-
40.	Paper	84,094	319,001	189,036	3,462	-
41.	Woodpulp	43,429	47,150	56,109	-	-
42.	Total	393,134	2,922,751	2,535,968	7,929	53
	<u>FOREST PRODUCTS</u>					
43.	Pulpwood	143,988	527,855	668,474	-	-
44.	Logs, Posts, Poles, Piling	600	-	-	-	37
45.	Firewood	-	-	32	-	-
46.	Lumber, Mill, Cooperage Stock	-	1,690	41,402	-	168
47.	Other Forest Products	450	2,500	-	-	24
48.	Total	145,038	532,045	709,908	-	229
	<u>MINE PRODUCTS</u>					
49.	Hard Coal	15,072	62,408	36,752	-	-
50.	Soft Coal	200,863	4,997,207	2,278,225	1,275	93
51.	Coke	23,548	34,977	24,453	-	-
52.	Copper Ore	-	-	-	-	-
53.	Iron Ore	-	1,478,056	252,816	-	-
54.	Other Ore	-	128,572	127,206	-	-
55.	Sand, Gravel and Stone	53,148	247,703	303,520	285,400	801
56.	Total	292,631	6,948,923	3,022,970	286,675	894
57.	All other Freight	386,833	664,338	897,148	-	39
58.	Grand Total	2,301,763	14,740,573	9,969,271	294,604	1,215

/ Includes unrigged vessels.

/ Net registered tons of vessels and tons (2,000 lbs.) of cargo.

CANADIAN CANALS DURING 1950

	Richelieu River	Trent	Murray	St. Andrew's	St. Peter's	Total	Compared with 1949	
							Increase	Decrease
1.	673	74	64	416	663	21,179		545
2.	19	2	2	-	6	2,785	626	
3.	-	-	-	-	-	456	120	
4.	692	76	66	416	669	24,420	201	
5.	8	-	-	1,995	111	64,255		16,961
6.	<u>Tons</u> 55,118	<u>Tons</u> 997	<u>Tons</u> 32,426	<u>Tons</u> 38,033	<u>Tons</u> 18,868	<u>Tons</u> 20,786,512	<u>Tons</u> 1,004,319	
7.	49,014	139	275	14,090	10,991	1,202,751	211,113	
8.	394	39	93	-	136	2,709,622		27,515
9.	-	-	1,194	-	10	465,944	192,058	
10.	-	-	-	-	-	338,636	89,621	
11.	104,526	1,175	33,988	52,123	30,005	25,503,465	1,469,596	
12.	-	-	-	-	-	681,638		90,075
13.	-	-	-	-	-	1,216,448	448,614	
14.	-	-	-	11	-	381,891		227,388
15.	-	-	-	-	-	53,930		157,057
16.	-	-	-	-	-	329,415		73,614
17.	-	-	-	-	-	4,593,277		1,511,544
18.	-	-	-	-	-	118,844	43,526	
19.	-	-	-	271	30	104,648	9,427	
20.	-	10	-	176	5	191	99	
21.	-	-	-	-	51	94,305		21,198
22.	-	-	-	47	111	158		121
23.	-	-	-	9	2,013	2,022		756
24.	-	10	-	514	2,210	7,556,767		1,360,087
25.	30	-	-	1,925	679	4,382		1,750
26.	-	-	-	17	1	18	16	
27.	-	-	-	-	-	-		
28.	-	-	-	16	2	4,157		260
29.	30	-	-	1,958	682	8,557		1,994
30.	-	79	-	682	50	1,934,777	235,743	
31.	84	32	2,744	33	-	2,598,510	373,211	
32.	-	-	-	-	1	6,186	1,207	
33.	200	49	-	371	2	78,397		15,607
34.	-	-	-	-	-	73,092		23,378
35.	-	17	-	233	121	134,143	82,684	
36.	-	-	-	-	1	118,423		9,671
37.	-	-	-	-	31	157,858	29,089	
38.	-	-	-	172	-	745	337	
39.	-	-	-	57	-	20,382	4,474	
40.	27,756	-	225	-	-	623,574	123,339	
41.	-	-	-	-	-	146,688	76,666	
42.	28,040	177	2,969	1,548	206	5,892,775	878,094	
43.	-	-	-	-	-	1,340,317	318,515	
44.	-	45	-	-	-	682	626	
45.	-	64	-	43	9	148		301
46.	-	33	-	8,533	10	51,836	9,386	
47.	-	-	-	-	-	2,974	2,974	
48.	-	142	-	8,576	19	1,395,957	331,200	
49.	-	6	-	-	-	114,238		8,161
50.	-	-	-	-	5,303	7,480,964	2,382,967	
51.	-	-	-	-	267	83,245	28,159	
52.	-	-	-	-	-	-		
53.	-	-	-	-	-	1,730,872	260,553	
54.	-	-	-	-	-	255,778	126,260	
55.	225	3	-	-	-	890,800	88,662	
56.	225	9	-	-	3,570	10,555,897	2,878,440	
57.	77,078	264	-	2,305	1,118	2,029,123	339,671	
58.	105,373	602	2,969	14,901	7,805	27,439,076	3,065,324	

Table 5

TOTAL FREIGHT USING

Canal	Total	Total	Grand	Transported in	
	Up	Down		Canadian Vessels	
	Tons	Tons	Tons	Tons	P.C. of Total
Sault Ste. Marie	862,271	1,439,492	2,301,763	2,213,501	96.2
Welland Ship	2,732,007	12,008,566	14,740,573	12,211,764	82.8
St. Lawrence	4,157,800	5,811,471	9,969,271	9,679,679	97.1
Ottawa River	5,742	288,862	294,604	294,604	100.0
Rideau	373	842	1,215	1,215	100.0
Richelieu River	83,453	21,920	105,373	105,373	100.0
Trent	229	373	602	602	100.0
Murray	-	2,969	2,969	2,969	100.0
St. Andrew's	10,551	4,370	14,901	14,901	100.0
St. Peter's	2,795	5,010	7,805	7,805	100.0
Total Canadian Canals ...	7,855,201	19,583,875	27,439,076	24,532,213	89.4
Sault Ste. Marie - Canadian and United States (x)	16,952,190	89,244,372	106,196,562	15,097,537	14.2

(x) From United States Official Report.

Table 4

SEASON OF NAVIGATION, 1950

Canals	First Vessel Passage	Last Vessel Passage	Number of Days Used
Sault Ste. Marie	April 23	December 15	237
Welland Ship	March 30	December 20	266
St. Lawrence	April 10	December 14	249
Richelieu River	April 26	November 24	213
St. Peter's	April 25	January 15	264
Murray	April 16	November 21	220
Ottawa River	April 22	November 28	221
Rideau	May 1	November 15	199
Trent	April 24	November 4	195
St. Andrews.....	July 26	November 2	100

CANADIAN CANALS DURING 1950

Transported in		From Canadian to Canadian Ports		From Canadian to United States Ports		From United States to United States Ports		From United States to Canadian Ports	
Foreign Vessels		Up	Down	Up	Down	Up	Down	Up	Down
Tons	P.C. of Total	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
88,462	3.8	517,607	1,023,655	17,939	310,286	69,042	4,168	257,683	101,383
2,528,809	17.2	1,095,915	3,719,508	854,276	44,584	741,949	536,055	39,867	7,708,419
289,592	2.9	3,027,672	3,112,987	973,629	34,102	118,794	79,160	37,705	2,585,222
-	-	5,742	285,400	-	3,462	-	-	-	-
-	-	373	842	-	-	-	-	-	-
-	-	55,667	3,044	27,786	-	-	-	-	18,876
-	-	229	373	-	-	-	-	-	-
-	-	-	225	-	-	-	-	-	2,744
-	-	10,531	4,370	-	-	-	-	-	-
-	-	2,795	5,010	-	-	-	-	-	-
2,906,863	10.6	4,716,531	8,155,414	1,873,630	392,434	929,785	619,383	335,255	10,416,644
91,099,025	85.8	757,415	4,997,927	17,600	3,582,825	11,609,725	78,896,151	4,567,450	1,767,469

Table 5 CANALS OF CANADA

Name	Location		Length in Miles	LOCKS			
	From	To		Number	Minimum Dimensions in Feet		
					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, Que.	0.12	1	339	45	12 (2)
Chambly	Chambly	St. John's, Que.	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	Kingston	126.25	47	134	33	5
	Rideau Lake to	Perth (Tay Branch)	6.50	2	134	33	5
Trent	Trenton	Peterborough Lock	88.74	18	175	33	6
	Peterborough Lock	Swift Rapids	135.71	24	134	33	6
	Swift Rapids	Port Severn	16.00	(Marine Ry.)			4
	Port Severn Lock		-	1	100	25	6
	Sturgeon Lake	Lindsay (Scugog Branch)	8.35	1	142	33	6
	Lindsay	Port Perry " "	26.65	None	-	-	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 6

VESSELS USING CANADIAN CANALS, 1950
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.	1,071	974	30	165	8	-
2. Canadian Vessels - Sail "	91	81	5	25	1	-
3. United States " - Steam "	-	-	2	25	451	460
4. United States " - Sail "	-	-	-	2	4	2
5. Other Foreign " "	-	5	-	3	1	1
6. Total	1,162	1,060	37	220	465	463
7. Canadian Vessels - Steam Tons	1,134,637	907,605	74,611	234,539	19,074	-
8. Canadian Vessels - Sail "	84,175	62,391	15,280	62,991	3,963	-
9. United States " - Steam "	-	-	10,042	59,564	335,308	147,405
10. United States " - Sail "	-	-	-	1,761	190	109
11. Other Foreign " "	-	3,724	-	2,573	843	843
12. Total	1,218,812	973,720	99,933	361,428	359,378	148,357
<u>WELLAND SHIP CANAL - Through & Way</u>						
13. Canadian Vessels - Steam No.	1,199	1,356	1,521	39	19	3
14. Canadian Vessels - Sail "	28	36	28	1	-	-
15. United States " - Steam "	12	2	205	25	416	347
16. United States " - Sail "	1	-	12	27	210	161
17. Other Foreign " "	3	5	6	7	96	80
18. Total	1,243	1,399	1,772	99	741	591
19. Canadian Vessels - Steam Tons	1,617,445	2,001,763	3,512,285	50,230	18,353	5,709
20. Canadian Vessels - Sail "	36,106	66,272	100,000	91	-	-
21. United States " - Steam "	24,795	6,816	728,266	4,735	293,288	268,349
22. United States " - Sail "	1,044	-	6,377	20,949	219,035	173,283
23. Other Foreign " "	1,564	3,763	4,104	5,483	72,484	59,340
24. Total	1,680,954	2,078,614	4,351,032	81,488	603,160	506,681
<u>WELLAND SHIP CANAL - Through</u>						
25. Canadian Vessels - Steam No.	743	1,089	1,337	-	19	3
26. Canadian Vessels - Sail "	11	10	22	-	-	-
27. United States " - Steam "	4	-	172	5	416	347
28. United States " - Sail "	1	-	8	4	210	161
29. Other Foreign " "	1	5	4	4	96	80
30. Total	760	1,104	1,543	13	741	591
31. Canadian Vessels - Steam Tons	1,090,841	1,662,933	3,152,564	-	18,353	5,709
32. Canadian Vessels - Sail "	1,412	8,746	84,396	-	-	-
33. United States " - Steam "	1,211	-	629,111	1,111	293,288	268,349
34. United States " - Sail "	1,044	-	3,713	4,612	219,035	173,283
35. Other Foreign " "	719	3,763	2,556	3,253	72,484	59,340
36. Total	1,095,227	1,675,442	3,872,330	8,976	603,160	506,681
<u>WELLAND SHIP CANAL - Way</u>						
37. Canadian Vessels - Steam No.	456	267	184	39	-	-
38. Canadian Vessels - Sail "	17	26	6	1	-	-
39. United States " - Steam "	8	2	33	20	-	-
40. United States " - Sail "	-	-	4	23	-	-
41. Other Foreign " "	2	-	2	3	-	-
42. Total	483	295	229	86	-	-
43. Canadian Vessels - Steam Tons	526,604	338,830	359,721	50,230	-	-
44. Canadian Vessels - Sail "	34,694	57,526	15,604	91	-	-
45. United States " - Steam "	23,584	6,816	99,155	3,624	-	-
46. United States " - Sail "	-	-	2,664	16,337	-	-
47. Other Foreign Vessels	845	-	1,548	2,230	-	-
48. Total	585,727	403,172	478,692	72,512	-	-

VESSELS USING CANADIAN CANALS, 1950
NUMBER AND NET REGISTERED TONS

	U. S. to Canada		Total		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	181	32	1,290	1,171	2,461	2,771		310
2.	27	3	124	109	233	256		23
3.	8	1	461	486	947	657	290	
4.	-	-	4	4	8	4	4	
5.	7	-	8	9	17	4	13	
6.	223	36	1,887	1,779	3,666	3,692		26
7.	244,316	39,944	1,472,638	1,182,088	2,654,726	3,346,478		691,752
8.	74,018	3,123	177,436	128,505	305,941	173,645	132,296	
9.	12,592	2,956	357,942	209,925	567,867	583,001		15,134
10.	-	-	190	1,870	2,060	5,969		3,909
11.	5,617	-	6,460	7,140	13,600	2,394	11,206	
12.	336,543	46,023	2,014,666	1,529,528	3,544,194	4,111,487		567,293
13.	18	1,256	2,757	2,654	5,411	5,502		91
14.	-	-	56	37	93	71	22	
15.	21	230	654	604	1,258	1,109	149	
16.	20	27	243	215	458	286	172	
17.	2	17	107	109	216	164	52	
18.	61	1,530	3,817	3,619	7,436	7,132	304	
19.	20,182	2,998,749	5,168,265	5,056,451	10,224,716	9,649,993	574,723	
20.	-	-	136,106	66,363	202,469	121,194	81,275	
21.	4,360	777,933	1,050,709	1,057,833	2,108,542	2,146,572		38,030
22.	16,082	25,910	242,538	220,142	462,680	267,917	194,763	
23.	1,285	13,012	79,437	81,598	161,035	122,210	38,825	
24.	41,909	3,815,604	6,677,055	6,482,387	13,159,442	12,307,886	851,556	
25.	16	1,158	2,115	2,250	4,365	4,523		158
26.	-	-	33	10	43	22	21	
27.	7	200	599	552	1,151	1,034	117	
28.	3	18	222	183	405	246	159	
29.	2	12	103	101	204	158	46	
30.	28	1,388	3,072	3,096	6,168	5,983	185	
31.	19,015	2,813,425	4,280,773	4,482,067	8,762,840	8,316,226	446,614	
32.	-	-	85,808	8,746	94,554	7,049	87,505	
33.	2,375	701,244	925,985	970,704	1,896,689	1,999,432		102,743
34.	3,558	19,928	227,350	197,823	425,173	240,635	184,538	
35.	1,285	9,041	77,044	75,397	152,441	117,779	34,662	
36.	26,233	3,543,638	5,596,960	5,734,737	11,331,697	10,681,121	650,576	
37.	2	98	642	404	1,046	979	67	
38.	-	-	23	27	50	49	1	
39.	14	30	55	52	107	75	32	
40.	17	9	21	32	53	40	13	
41.	-	5	4	8	12	6	6	
42.	33	142	745	523	1,268	1,149	119	
43.	1,167	185,324	887,492	574,384	1,461,876	1,333,767	128,109	
44.	-	-	50,298	57,617	107,915	114,145		6,230
45.	1,985	76,689	124,724	87,129	211,853	147,140	64,713	
46.	12,524	5,982	15,188	22,319	37,507	27,282	10,225	
47.	-	3,971	2,393	6,201	8,594	4,431	4,163	
48.	15,676	271,966	1,080,095	747,650	1,827,745	1,626,765	200,980	

Table 6 (Continued)

VESSELS USING CANADIAN CANALS, 1950
NUMBER AND NET REGISTERED TONS

		Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
<u>ST. LAWRENCE RIVER CANALS - Through and Way</u>							
1.	Canadian Vessels - Steam No.	5,145	3,386	1,295	20	31	1
2.	Canadian Vessels - Sail "	392	390	-	-	-	1
3.	United States " - Steam "	15	17	1	2	8	11
4.	United States " - Sail "	-	-	-	-	-	-
5.	Other Foreign Vessels "	2	8	1	12	97	81
6.	Total	5,552	3,801	1,295	34	136	94
7.	Canadian Vessels - Steam Tons	2,408,539	2,625,811	1,427,410	3,390	34,744	346
8.	Canadian Vessels - Sail "	151,928	149,789	-	-	-	40
9.	United States " - Steam "	11,422	10,750	300	21	3,351	4,300
10.	United States " - Sail "	-	-	-	-	-	-
11.	Other Foreign Vessels "	1,433	5,361	358	8,584	73,233	60,220
12.	Total	2,573,322	2,791,711	1,428,068	11,995	111,328	64,906
<u>ST. LAWRENCE RIVER CANALS - Through</u>							
13.	Canadian Vessels - Steam No.	1,906	2,122	1,117	-	1	1
14.	Canadian Vessels - Sail "	6	3	-	-	-	-
15.	United States " - Steam "	12	15	1	-	7	10
16.	United States " - Sail "	-	-	-	-	-	-
17.	Other Foreign Vessels "	1	7	1	12	97	81
18.	Total	1,925	2,147	1,119	12	105	92
19.	Canadian Vessels - Steam Tons	2,146,857	2,411,461	1,208,659	-	346	346
20.	Canadian Vessels - Sail "	1,989	1,277	-	-	-	-
21.	United States " - Steam "	11,412	10,688	300	-	3,001	3,950
22.	United States " - Sail "	-	-	-	-	-	-
23.	Other Foreign Vessels "	719	4,647	358	8,584	73,233	60,220
24.	Total	2,160,977	2,428,073	1,209,317	8,584	76,580	64,516
<u>ST. LAWRENCE RIVER CANALS - Way</u>							
25.	Canadian Vessels - Steam No.	1,239	1,264	176	20	30	-
26.	Canadian Vessels - Sail "	386	387	-	-	-	1
27.	United States " - Steam "	1	2	-	2	1	1
28.	United States " - Sail "	-	-	-	-	-	-
29.	Other Foreign Vessels "	1	1	-	-	-	-
30.	Total	1,627	1,654	176	22	31	2
31.	Canadian Vessels - Steam Tons	261,682	214,350	218,751	3,390	34,398	-
32.	Canadian Vessels - Sail "	149,939	148,512	-	-	-	40
33.	United States " - Steam "	10	62	-	21	350	350
34.	United States " - Sail "	-	-	-	-	-	-
35.	Other Foreign Vessels "	714	714	-	-	-	-
36.	Total	412,345	363,638	218,751	3,411	34,748	390
<u>RICHELIEU RIVER CANAL</u>							
37.	Canadian Vessels - Steam No.	65	90	134	-	-	-
38.	Canadian Vessels - Sail "	150	135	1	-	-	-
39.	United States " - Steam "	-	2	12	-	-	-
40.	Other Foreign Vessels "	-	-	-	-	-	-
41.	Total	215	227	147	-	-	-
42.	Canadian Vessels - Steam Tons	2,344	7,918	25,408	-	-	-
43.	Canadian Vessels - Sail "	26,012	22,919	83	-	-	-
44.	United States " - Steam "	-	21	255	-	-	-
45.	Other Foreign Vessels "	-	-	-	-	-	-
46.	Total	28,356	30,858	25,746	-	-	-

VESSELS USING CANADIAN CANALS, 1950
NUMBER AND NET REGISTERED TONS

	U. S. to Canada		Total		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	84	1,113	4,553	4,520	9,073	7,882	1,191	
2.	-	-	592	391	783	780	3	
3.	3	13	25	43	68	41	27	
4.	-	-	-	-	-	-		
5.	11	11	111	112	223	167	56	
6.	98	1,137	5,081	5,066	10,147	8,870	1,277	
7.	27,995	1,207,197	3,898,688	3,836,744	7,735,432	6,595,039	1,140,393	
8.	-	-	151,928	149,829	501,757	504,074		2,317
9.	406	1,732	15,479	16,803	32,282	6,261	26,021	
10.	-	-	-	-	-	-		
11.	6,472	8,340	81,496	82,505	164,001	124,401	39,600	
12.	54,873	1,217,269	4,147,591	4,085,881	8,233,472	7,029,775	1,203,697	
13.	-	956	3,024	3,079	6,103	5,285	818	
14.	-	-	6	3	9	8	1	
15.	-	13	20	38	58	33	25	
16.	-	-	-	-	-	-		
17.	11	11	110	111	221	163	58	
18.	11	980	3,160	3,231	6,391	5,489	902	
19.	-	1,009,510	3,355,862	3,421,317	6,777,179	5,758,984	1,018,195	
20.	-	-	1,989	1,277	3,266	2,447	819	
21.	-	1,732	14,713	16,370	31,083	5,331	25,752	
22.	-	-	-	-	-	-		
23.	6,472	8,340	80,782	81,791	162,573	121,035	41,538	
24.	6,472	1,019,582	3,453,346	3,520,755	6,974,101	5,887,797	1,086,304	
25.	84	157	1,529	1,441	2,970	2,597	373	
26.	-	-	386	388	774	772	2	
27.	3	-	5	5	10	8	2	
28.	-	-	-	-	-	-		
29.	-	-	1	1	2	4		2
30.	87	157	1,921	1,835	3,756	3,381	375	
31.	27,995	197,687	542,826	415,427	958,253	836,055	122,198	
32.	-	-	149,939	148,552	298,491	301,627		3,136
33.	406	-	766	433	1,199	950	249	
34.	-	-	-	-	-	-		
35.	-	-	714	714	1,428	3,366		1,938
36.	28,401	197,687	694,245	565,126	1,259,371	1,141,978	117,393	
37.	-	100	197	190	387	382	5	
38.	-	-	151	135	286	323		37
39.	-	5	12	7	19	28		9
40.	-	-	-	-	-	-		
41.	-	105	360	332	692	733		41
42.	-	19,448	27,752	27,366	55,118	53,789	1,329	
43.	-	-	26,095	22,919	49,014	57,168		8,154
44.	-	118	255	139	394	597		203
45.	-	-	-	-	-	-		
46.	-	19,566	54,102	50,424	104,526	111,554		7,028

Table 6 (Concluded)

VESSELS USING CANADIAN CANALS, 1950
NUMBER AND NET REGISTERED TONS

			Canada to Canada		Canada to U. S.		U. S. to U. S.	
			Up	Down	Up	Down	Up	Down
<u>OTTAWA RIVER CANALS</u>								
1.	Canadian Vessels - Steam	No.	172	162	-	16	-	-
2.	Canadian Vessels - Sail	"	381	384	-	-	-	-
3.	Total	"	553	546	-	16	-	-
4.	Canadian Vessels - Steam	Tons	11,575	9,458	-	3,107	-	-
5.	Canadian Vessels - Sail	"	157,653	157,901	-	-	-	-
6.	Total	"	169,228	167,359	-	3,107	-	-
<u>ST. PETER'S CANAL</u>								
7.	Canadian Vessels - Steam	No.	276	343	-	-	-	-
8.	Canadian Vessels - Sail	"	20	24	-	-	-	-
9.	United States " - Steam	"	1	-	-	2	-	-
10.	United States " - Sail	"	1	-	-	-	-	-
11.	Other Foreign Vessels	"	-	-	-	-	-	-
12.	Total	"	298	367	-	2	-	-
13.	Canadian Vessels - Steam	Tons	9,169	9,699	-	-	-	-
14.	Canadian Vessels - Sail	"	5,566	5,425	-	-	-	-
15.	United States " - Steam	"	15	-	-	56	-	-
16.	United States " - Sail	"	10	-	-	-	-	-
17.	Other Foreign "	"	-	-	-	-	-	-
18.	Total	"	14,760	15,124	-	56	-	-
<u>MURRAY CANAL</u>								
19.	Canadian Vessels - Steam	No.	4	2	56	-	-	-
20.	Canadian Vessels - Sail	"	2	-	-	-	-	-
21.	United States " - Steam	"	-	-	-	-	-	-
22.	United States " - Sail	"	-	-	-	-	-	-
23.	Total	"	6	2	56	-	-	-
24.	Canadian Vessels - Steam	Tons	324	126	31,976	-	-	-
25.	Canadian Vessels - Sail	"	275	-	-	-	-	-
26.	United States " - Steam	"	-	-	-	-	-	-
27.	United States " - Sail	"	-	-	-	-	-	-
28.	Total	"	599	126	31,976	-	-	-
<u>ST. ANDREW'S CANAL</u>								
29.	Canadian Vessels - Steam	No.	189	191	-	-	-	-
30.	Canadian Vessels - Sail	"	18	18	-	-	-	-
31.	Total	"	207	209	-	-	-	-
32.	Canadian Vessels - Steam	Tons	18,908	19,125	-	-	-	-
33.	Canadian Vessels - Sail	"	7,036	7,054	-	-	-	-
34.	Total	"	25,944	26,179	-	-	-	-
<u>RIDEAU CANAL</u>								
35.	Canadian Vessels - Steam	No.	34	38	-	-	-	-
36.	Canadian Vessels - Sail	"	24	22	-	-	-	-
37.	United States " - Steam	"	5	12	-	-	-	-
38.	Total	"	63	72	-	-	-	-
39.	Canadian Vessels - Steam	Tons	770	896	-	-	-	-
40.	Canadian Vessels - Sail	"	1,341	1,180	-	-	-	-
41.	United States " - Steam	"	79	190	-	-	-	-
42.	Total	"	2,190	2,266	-	-	-	-
<u>TRENT CANAL</u>								
43.	Canadian Vessels - Steam	No.	27	27	-	-	-	-
44.	Canadian Vessels - Sail	"	4	16	-	-	-	-
45.	United States " - Steam	"	1	1	-	-	-	-
46.	Total	"	32	44	-	-	-	-
47.	Canadian Vessels - Steam	Tons	511	486	-	-	-	-
48.	Canadian Vessels - Sail	"	37	102	-	-	-	-
49.	United States " - Steam	"	29	10	-	-	-	-
50.	Total	"	577	598	-	-	-	-

VESSELS USING CANADIAN CANALS, 1950
NUMBER AND NET REGISTERED TONS

	U. S. to Canada		Total		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	2	-	174	178	352	463		111
2.	-	-	381	384	765	749	16	
3.	2	-	555	562	1,117	1,212		95
4.	590	-	11,965	12,565	24,530	25,613		1,083
5.	-	-	157,653	157,901	315,554	304,592	10,962	
6.	390	-	169,618	170,466	340,084	330,205	9,879	
7.	-	-	276	343	619	729		110
8.	-	-	20	24	44	52		8
9.	2	-	3	2	5	17		12
10.	-	-	1	-	1	-	1	
11.	-	-	-	-	-	1		1
12.	2	-	300	369	669	799		130
13.	-	-	9,169	9,699	18,868	26,442		7,574
14.	-	-	5,566	5,425	10,991	10,131	860	
15.	65	-	80	56	136	416		280
16.	-	-	10	-	10	-	10	
17.	-	-	-	-	-	10		10
18.	65	-	14,825	15,180	30,005	36,999		6,994
19.	-	-	60	2	62	55	7	
20.	-	-	2	-	2	-	2	
21.	-	1	-	1	1	-	1	
22.	-	1	-	1	1	-	1	
23.	-	2	62	4	66	55	11	
24.	-	-	32,300	126	32,426	24,110	8,316	
25.	-	-	275	-	275	-	275	
26.	-	93	-	93	93	-	93	
27.	-	1,194	-	1,194	1,194	-	1,194	
28.	-	1,287	32,575	1,413	33,988	24,110	9,878	
29.	-	-	189	191	380	509		129
30.	-	-	18	18	36	45		9
31.	-	-	207	209	416	554		138
32.	-	-	18,908	19,125	38,033	58,217		20,184
33.	-	-	7,036	7,054	14,090	16,714		2,624
34.	-	-	25,944	26,179	52,123	74,931		22,808
35.	-	-	34	38	72	98		26
36.	-	-	24	22	46	61		15
37.	-	-	5	12	17	17		
38.	-	-	63	72	135	176		41
39.	-	-	770	896	1,666	2,512		846
40.	-	-	1,341	1,180	2,521	4,120		1,599
41.	-	-	79	190	269	290		21
42.	-	-	2,190	2,266	4,456	6,922		2,466
43.	-	-	27	27	54	996		942
44.	-	-	4	16	20	-	20	
45.	-	-	1	1	2	-	2	
46.	-	-	32	44	76	(1) 996		920
47.	-	-	511	486	997	-	997	
48.	-	-	37	102	139	-	139	
49.	-	-	29	10	39	-	39	
50.	-	-	577	598	1,175	(2) -	1,175	

(1) One vessel through one lock recorded as "1".

(2) Tonnage unavailable.

Table 7

FREIGHT RATES BY WATER ON CANADIAN WHEAT DURING 1949 and 1950

Fort William - Port Arthur to -	1949			1950		
	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	12.50	4.17	0.340	-	-	-
May	12.50	4.17	0.340	12.50	4.17	0.340
June	12.50	4.17	0.340	12.50	4.17	0.340
July	12.50	4.17	0.340	12.49	4.16	0.339
August	12.50	4.17	0.340	12.50	4.17	0.340
September	12.50	4.17	0.340	12.50	4.17	0.340
October	12.50	4.17	0.340	12.50	4.17	0.340
November	12.50	4.17	0.340	12.50	4.17	0.340
December	-	-	-	-	-	-
Average	12.50	4.17	0.340	12.50	4.17	0.340
Including storage	-	-	-	-	-	-
<u>Goderich and Georgian Bay -</u>						
April	4.50	1.50	0.279	-	-	-
May	4.50	1.50	0.279	4.50	1.50	0.279
June	4.50	1.50	0.279	4.50	1.50	0.279
July	4.50	1.50	0.279	4.50	1.50	0.279
August	4.50	1.50	0.279	4.50	1.50	0.279
September	4.50	1.50	0.279	4.50	1.50	0.279
October	4.50	1.50	0.279	4.50	1.50	0.279
November	4.50	1.50	0.279	4.50	1.50	0.279
December	-	-	-	4.50	1.50	0.279
Average	4.50	1.50	0.279	4.50	1.50	0.279
Including storage	4.87	1.62	0.302	4.89	1.56	0.290
<u>Port Colborne -</u>						
April	6.00	2.00	0.236	9.00	3.00	0.354
May	6.00	2.00	0.236	6.00	2.00	0.236
June	6.00	2.00	0.236	6.00	2.00	0.236
July	6.00	2.00	0.236	6.06	2.02	0.238
August	5.98	1.99	0.235	6.00	2.00	0.236
September	6.14	2.05	0.242	6.00	2.00	0.236
October	6.25	2.08	0.245	6.00	2.00	0.236
November	5.89	1.96	0.231	6.08	2.03	0.239
December	6.00	2.00	0.236	6.00	2.00	0.236
Average	6.07	2.02	0.238	6.04	2.01	0.237
Including storage	6.22	2.07	0.244	6.11	2.04	0.241
<u>Buffalo and other U.S. Ports -</u>						
April	7.00	2.33	0.270	-	-	-
May	7.02	2.34	0.271	7.32	2.44	0.283
June	7.00	2.33	0.270	7.42	2.47	0.287
July	7.00	2.33	0.270	6.83	2.28	0.264
August	-	-	-	8.24	2.75	0.319
September	5.00	1.67	0.194	8.40	2.80	0.325
October	4.97	1.66	0.193	7.92	2.64	0.306
November	6.76	2.25	0.261	9.29	3.10	0.360
December	9.00	3.00	0.348	10.85	3.62	0.420
Average	6.41	2.14	0.248	8.23	2.74	0.319
Including storage	6.75	2.25	0.261	8.48	2.83	0.328
<u>Port Colborne to Montreal -</u>						
April	7.00	2.33	0.613	7.00	2.33	0.613
May	7.00	2.33	0.613	7.00	2.33	0.613
June	6.97	2.32	0.611	6.86	2.29	0.603
July	7.00	2.33	0.613	7.00	2.33	0.613
August	6.95	2.32	0.611	7.00	2.33	0.613
September	7.00	2.33	0.613	7.01	2.34	0.616
October	6.99	2.33	0.613	7.16	2.39	0.629
November	7.00	2.33	0.613	7.00	2.33	0.613
December	-	-	-	-	-	-
Average	6.99	2.33	0.613	6.98	2.33	0.613

Table 8

FREIGHT RATES BY WATER ON BARLEY AND OATS DURING 1950

Fort William - Port Arthur to	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	-	-	-	-	-	-
May	11.75	4.90	0.399	9.96	5.86	0.477
June	11.75	4.90	0.399	10.21	6.01	0.489
July	11.75	4.90	0.399	9.50	5.59	0.455
August	11.53	4.80	0.391	9.68	5.69	0.463
September	-	-	-	10.00	5.86	0.479
October	11.84	4.93	0.401	9.84	5.79	0.471
November	11.75	4.90	0.399	9.50	5.59	0.455
December	-	-	-	-	-	-
Average	11.73	4.89	0.398	9.87	5.81	0.473
<u>Goderich and Georgian Bay Ports -</u>						
April	-	-	-	-	-	-
May	4.25	1.77	0.330	4.00	2.35	0.438
June	4.50	1.88	0.350	4.00	2.35	0.438
July	4.29	1.79	0.333	4.00	2.35	0.438
August	4.35	1.81	0.337	4.00	2.35	0.438
September	4.44	1.85	0.345	4.00	2.35	0.438
October	4.39	1.83	0.341	4.00	2.35	0.438
November	4.30	1.79	0.333	4.00	2.35	0.438
December	6.08	2.53	0.471	5.35	3.15	0.587
Average	4.36	1.82	0.339	4.01	2.36	0.439
<u>Port Colborne -</u>						
April	-	-	-	-	-	-
May	5.75	2.40	0.283	5.25	3.09	0.364
June	5.75	2.40	0.283	5.25	3.09	0.364
July	5.75	2.40	0.283	5.25	3.09	0.364
August	5.75	2.40	0.283	4.75	2.78	0.328
September	5.75	2.40	0.283	4.67	2.75	0.324
October	5.75	2.40	0.283	4.70	2.76	0.325
November	5.75	2.40	0.283	5.25	3.09	0.364
December	-	-	-	-	-	-
Average	5.75	2.40	0.283	4.88	2.87	0.358
<u>Buffalo and other U. S. Ports -</u>						
April	-	-	-	-	-	-
May	6.12	2.55	0.296	5.72	3.36	0.390
June	5.94	2.48	0.288	4.25	2.50	0.290
July	7.30	3.04	0.353	-	-	-
August	7.08	2.95	0.342	6.00	3.53	0.410
September	8.28	3.45	0.400	5.48	3.22	0.374
October	8.21	3.42	0.397	5.16	3.04	0.353
November	8.28	3.45	0.400	12.45	7.32	0.849
December	7.00	2.92	0.339	10.00	5.88	0.682
Average	7.16	2.98	0.346	7.92	4.66	0.541
<u>Port Colborne to Montreal -</u>						
April	-	-	-	-	-	-
May	-	-	-	4.25	2.50	0.658
June	6.50	2.70	0.711	5.00	2.94	0.774
July	-	-	-	-	-	-
August	6.50	2.70	0.711	5.25	3.09	0.813
September	6.50	2.70	0.711	5.50	3.24	0.853
October	6.62	2.76	0.726	-	-	-
November	6.50	2.70	0.711	5.50	3.24	0.853
December	-	-	-	-	-	-
Average	6.56	2.73	0.718	5.18	3.05	0.803

Table 9

FREIGHT RATES BY WATER ON FLAX AND RYE DURING 1950

Fort William - Port Arthur to -	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
Montreal -						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	13.24	4.73	0.385	-	-	-
September	13.12	4.69	0.396	12.50	4.46	0.363
October	13.50	4.82	0.393	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Average	13.23	4.72	0.384	12.50	4.46	0.363
Goderich and Georgian Bay Ports -						
April	-	-	-	-	-	-
May	5.50	1.96	0.365	4.50	1.61	0.300
June	5.50	1.96	0.365	-	-	-
July	5.50	1.96	0.365	4.50	1.61	0.300
August	5.50	1.96	0.365	-	-	-
September	5.50	1.96	0.365	4.50	1.61	0.300
October	5.50	1.96	0.365	4.50	1.61	0.300
November	5.50	1.96	0.365	4.50	1.61	0.300
December	8.50	3.04	0.566	-	-	-
Average	5.69	2.03	0.378	4.50	1.61	0.300
Port Colborne -						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	6.50	2.32	0.274	6.00	2.14	0.252
October	-	-	-	-	-	-
November	-	-	-	6.00	2.14	0.252
December	-	-	-	-	-	-
Average	6.50	2.32	0.274	6.00	2.14	0.252
Buffalo and other U. S. Ports -						
April	-	-	-	-	-	-
May	-	-	-	7.74	2.76	0.320
June	-	-	-	6.93	2.47	0.287
July	-	-	-	7.08	2.53	0.294
August	-	-	-	-	-	-
September	-	-	-	8.42	3.01	0.349
October	-	-	-	8.50	3.04	0.352
November	-	-	-	9.11	3.25	0.377
December	-	-	-	13.25	4.73	0.549
Average	-	-	-	7.67	2.74	0.318
Port Colborne to Montreal -						
April	-	-	-	-	-	-
May	7.00	2.50	0.658	7.00	2.50	0.658
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	7.50	2.50	0.658	7.00	2.50	0.658
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Average	7.37	2.63	0.692	7.00	2.50	0.658

Table 10

FREIGHT CARRIED UP THE ST. LAWRENCE CANALS
FROM OUTSIDE POINTS

Country of Registry	Number of Vessels		Cargo (Tons)	Cargo (Tons)
	1950	1949	1950	1949
Canada	172	111	269,294	113,415
Great Britain	3	4	3,999	1,025
Norway	59	36	83,585	33,169
Sweden	23	17	29,612	19,146
Netherlands	19	21	26,205	19,659
Denmark	2	-	1,831	-
Finland	1	1	1,204	1,450
Panama	-	1	-	935
Iceland	1	-	510	-
Total	280	191	416,240	188,799

FREIGHT CARRIED DOWN THE ST. LAWRENCE CANALS
TO OUTSIDE POINTS

Canada	69	60	87,099	79,464
Great Britain	1	4	540	770
Norway	46	27	56,160	27,750
Sweden	23	12	25,309	8,911
Netherlands	19	21	23,849	20,973
Germany	-	1	-	653
Denmark	2	-	2,246	-
Finland	1	-	160	-
Iceland	2	-	1,290	-
Total	163	125	196,653	138,521

Table 11

Traffic on the SAULT STE. MARIE

	Commodity	Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
1.	Passengers No.	6,221	6,750	-	7	21,041	22,725
	AGRICULTURAL PRODUCTS	Tons	Tons	Tons	Tons	Tons	Tons
2.	Barley	-	197,015	-	22,221	-	-
3.	Corn	-	-	-	-	-	-
4.	Oats.....	-	159,779	-	19,547	-	-
5.	Rye	-	5,615	-	6,235	-	-
6.	Flaxseed	-	45,622	-	-	-	-
7.	Wheat	-	368,235	-	6,410	-	-
8.	Other Grains	-	-	-	-	-	-
9.	Flour	60	60,484	-	-	-	-
10.	Hay and Straw	-	-	-	-	-	-
11.	Other Mill Products	-	91,353	-	-	-	-
12.	Fruit and Vegetables	-	-	-	-	-	-
13.	Potatoes	-	-	-	-	-	-
14.	Total	60	928,103	-	54,413	-	-
	ANIMAL PRODUCTS						
15.	Fish	-	168	-	-	-	-
16.	Dressed Meats	-	-	-	-	-	-
17.	Other Packing-house Products ...	-	-	-	-	-	-
18.	All other Animal Products	-	-	-	-	-	-
19.	Total	-	168	-	-	-	-
	MANUFACTURES AND MISCELLANEOUS						
20.	Gasoline	113,798	860	-	-	36,046	-
21.	Petroleum & other Oils	35,440	10,637	-	-	18,022	-
22.	Agricultural Implements	3,528	-	-	-	-	-
23.	Cement, Brick, Plaster	-	-	-	-	-	-
24.	Iron, pig and bloom	-	2,870	-	-	-	-
25.	Iron and Steel, other	4,589	4,596	-	-	3,528	-
26.	Sugar	5,580	-	-	-	-	-
27.	Salt	745	-	-	-	-	-
28.	Beverages	-	-	-	-	-	-
29.	Autos and Parts	4,254	922	-	-	4,346	-
30.	Paper	-	1,865	-	82,229	-	-
31.	Wood Pulp	-	-	-	42,129	1,300	-
32.	Total	167,934	21,750	-	124,358	63,042	-
	FOREST PRODUCTS						
33.	Pulpwood	-	16,368	-	127,620	-	-
34.	Logs, Posts, Poles, Piling	-	-	500	300	-	-
35.	Firewood	-	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock ..	-	-	-	-	-	-
37.	Other Forest Products	-	-	450	-	-	-
38.	Total	-	16,368	750	127,920	-	-
	MINE PRODUCTS						
39.	Hard Coal	-	-	-	-	-	-
40.	Soft Coal	844	28	-	-	6,000	-
41.	Coke	-	-	17,189	-	-	-
42.	Copper Ore	-	-	-	-	-	-
43.	Iron Ore	-	-	-	-	-	-
44.	Other Ore	-	-	-	-	-	-
45.	Sand, Gravel and Stone	900	48,040	-	-	-	-
46.	Total	1,744	48,068	17,189	-	6,000	-
47.	All other Freight	347,869	9,198	-	3,595	-	4,168
48.	GRAND TOTAL	517,607	1,023,655	17,939	310,286	69,042	4,168

Tons (2000 lbs.) of cargo.

Number of pleasure craft lockages in 1950 through the lock = 343.

CANAL during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	21	-	27,283	29,482	56,765	50,921	5,844	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2.	-	4,087	-	223,323	223,323	280,149		56,826
3.	-	61,995	-	61,995	61,995	27,325	34,670	
4.	-	-	-	179,326	179,326	240,550		61,224
5.	-	-	-	11,850	11,850	50,435		38,585
6.	-	7,776	-	53,398	53,398	42,748	10,650	
7.	-	27,525	-	402,170	402,170	491,005		88,835
8.	-	-	-	-	-	-		
9.	-	-	60	60,484	60,544	70,151		9,607
10.	-	-	-	-	-	-		
11.	-	-	-	91,353	91,353	106,400		15,047
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	101,383	60	1,083,899	1,083,959	1,308,763		224,804
15.	-	-	-	168	168	165	3	
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	-	168	168	165	3	
20.	8,100	-	157,944	860	158,804	57,947	100,857	
21.	7,950	-	61,412	10,637	72,049	40,831	31,218	
22.	-	-	3,528	-	3,528	3,375	153	
23.	-	-	-	-	-	-		
24.	-	-	-	2,870	2,870	2,206	664	
25.	-	-	7,917	4,596	12,513	3,900	8,613	
26.	-	-	5,580	-	5,580	18,346		12,766
27.	-	-	745	-	745	1,759		1,014
28.	-	-	-	-	-	-		
29.	-	-	8,600	922	9,522	9,077	445	
30.	-	-	-	84,094	84,094	97,391		13,297
31.	-	-	1,300	42,129	43,429	5,500	37,929	
32.	16,050	-	247,026	146,108	393,134	240,332	152,802	
33.	-	-	-	143,988	143,988	97,102	46,886	
34.	-	-	300	300	600	-	600	
35.	-	-	-	-	-	-		
36.	-	-	-	-	-	-		
37.	-	-	450	-	450	-	450	
38.	-	-	750	144,288	145,038	97,102	47,936	
39.	15,072	-	15,072	-	15,072	21,514		6,442
40.	193,991	-	200,835	28	200,863	205,996		5,133
41.	6,359	-	23,548	-	23,548	16,117	7,431	
42.	-	-	-	-	-	-		
43.	-	-	-	-	-	2,961		2,961
44.	-	-	-	-	-	-		
45.	4,208	-	5,108	48,040	53,148	41,600	11,548	
46.	219,630	-	244,563	48,068	292,631	288,188	4,443	
47.	22,003	-	369,872	16,961	386,833	366,964	19,869	
48.	257,683	101,383	862,271	1,439,492	2,301,763	2,301,514	249	

Table 12

TRAFFIC THROUGH CANALS AT SAULT STE. MARIE -

	U P			D O W N
	Canadian Canal	United States Canal	Total	Canadian Canal
	No.	No.	No.	No.
Vessel Passages	1,887	8,624	10,511	1,779
Registered Tonnage	2,014,666	38,135,186	40,149,852	1,529,528
Passengers	27,283	4,296	31,579	29,482
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
Lumber	-	-	-	-
Pulpwood	-	-	-	143,988
Flour	-	-	-	60,484
Wheat	-	-	-	402,170
Grain (other than wheat)	-	-	-	529,892
Copper	-	-	-	-
Iron Ore	-	292,341	292,341	-
Pig Iron	-	-	-	-
Manufactured Iron and Steel	7,917	71,648	79,565	7,466
Soft Coal and Coke	224,383	13,076,637	13,301,020	28
Hard Coal	15,072	280,432	295,504	-
Salt	745	46,211	46,956	-
Oil and Gasoline	219,356	606,849	826,205	11,497
Stone	5,108	1,503,516	1,508,624	48,040
Merchandise and Miscellaneous ...	389,690	212,802	602,492	235,927
Total Freight	862,271	16,090,436	16,952,707	1,439,492

CANADIAN AND UNITED STATES, IN 1950

D O W N		GRAND TOTAL	Compared with 1949	
United States Canal	Total		Increase	Decrease
No.	No.	No.	No.	No.
8,714	10,493	21,004		815
38,639,905	40,169,433	80,319,285	3,601,147	
2,305	31,787	63,366		49,639
<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
-	-	-		
299,132	443,120	443,120		22,388
2,717	63,201	63,201		10,042
5,302,326	5,704,496	5,704,496		2,334,610
1,849,755	2,379,647	2,379,647		760,746
-	-	-		
79,976,650	79,976,650	80,268,991	8,387,010	
122,356	122,356	122,356		12,134
185,738	193,204	272,769	81,025	
-	28	13,301,048	4,624,751	
-	-	295,504	22,079	
-	-	46,956		7,237
-	11,497	837,702		235,002
10,044	58,084	1,566,708	285,189	
54,821	290,748	893,240		9,926
87,803,539	89,243,031	106,195,738	10,007,969	

Table 13

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.	PassengersNo.	-	-	2,424	-	-	6
	<u>AGRICULTURAL PRODUCTS</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	Barley	-	269,219	-	-	-	17,952
3.	Corn	-	200,320	-	-	3,528	88,475
4.	Oats	-	104,450	19,753	-	-	-
5.	Rye	-	10,702	-	-	-	-
6.	Flaxseed	-	126,018	-	-	-	6,160
7.	Wheat	3,660	2,092,233	26,034	3,234	4,020	101,160
8.	Other Grains	-	6,465	-	-	1,607	-
9.	Flour	1,514	17,775	-	3,216	-	670
10.	Hay and Straw	-	-	-	-	-	-
11.	Other Mill Products	-	2,034	-	-	-	-
12.	Fruit and Vegetables	-	-	-	-	-	-
13.	Potatoes	-	-	-	-	-	-
14.	Total	5,174	2,829,216	45,787	6,450	9,155	214,417
	<u>ANIMAL PRODUCTS</u>						
15.	Fish	-	-	790	-	-	-
16.	Dressed Meats	-	-	-	-	-	-
17.	Other Packing-house Products	-	-	-	-	-	-
18.	All other Animal Products	-	-	-	-	-	-
19.	Total	-	-	790	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20.	Gasoline	245,931	382,778	-	-	112,609	26,050
21.	Petroleum and other Oils	109,387	212,989	-	2,400	359,598	28,950
22.	Agricultural Implements	2,657	-	-	-	-	-
23.	Cement, Brick, Plaster.....	10,472	2,196	-	-	-	64,511
24.	Iron, pig and bloom	-	-	-	-	17,096	44,458
25.	Iron and Steel, other	4,382	3,675	12,769	-	12,752	19,985
26.	Sugar	32,112	-	-	-	22,928	-
27.	Salt	-	27,711	-	-	-	-
28.	Beverages	45	-	-	-	-	-
29.	Autos and Parts	1,086	647	201	-	85	163
30.	Paper	3,150	3,130	282,484	21,700	8,537	-
31.	Wood Pulp	6,111	-	26,084	-	14,955	-
32.	Total	415,333	633,126	321,538	24,100	548,580	184,117
	<u>FOREST PRODUCTS</u>						
33.	Pulpwood	225,252	146,700	155,903	-	-	-
34.	Logs, Posts, Poles, Piling	-	-	-	-	-	-
35.	Firewood	-	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock ...	-	-	1,690	-	-	-
37.	Other Forest Products	-	-	2,500	-	-	-
38.	Total	225,252	146,700	160,093	-	-	-
	<u>MINE PRODUCTS</u>						
39.	Hard Coal	-	-	-	-	50,065	-
40.	Soft Coal	14,877	6,263	-	-	1,497	12,896
41.	Coke	-	1,000	5,500	2,036	-	6,177
42.	Copper Ore	-	-	-	-	-	-
43.	Iron Ore	57,291	47,645	195,794	-	-	-
44.	Other Ore	72,639	-	55,933	-	-	-
45.	Sand, Gravel and Stone	66,728	2,000	26,348	-	-	-
46.	Total	211,535	56,908	283,575	2,036	51,562	19,073
47.	All other Freight	238,621	53,558	42,493	11,998	132,672	118,448
48.	GRAND TOTAL	1,095,915	3,719,508	854,276	44,584	741,949	536,055

Number of pleasure craft lockages in 1950 through the locks = 69. Tons (2,000 lbs.) of cargo.
 Exclusive of 73 vessels entering and 76 vessels clearing from Port Dalhousie Harbour.

WELLAND SHIP CANAL during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	2,413	2,424	2,419	4,843	13,059		8,216
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	3,820	-	290,991	290,991	309,404		18,413
3.	-	363,182	3,528	651,977	655,505	410,727	244,778	
4.	-	-	19,753	104,450	124,203	211,025		86,822
5.	-	2,823	-	13,525	13,525	60,441		46,916
6.	-	14,986	-	147,164	147,164	206,999		59,835
7.	-	68,939	33,714	2,265,566	2,299,280	3,190,654		891,374
8.	-	107,777	1,607	114,242	115,849	70,328	45,521	
9.	-	-	1,514	21,661	23,175	12,545	10,630	
10.	-	-	-	-	-	-		
11.	-	-	-	2,034	2,034	3,473		1,439
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	561,527	60,116	3,611,610	3,671,726	4,475,596		803,870
15.	-	-	790	-	790	1,276		486
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	790	-	790	1,276		486
20.	-	86,883	358,540	495,711	854,251	740,681	113,570	
21.	13,225	630,081	482,210	874,420	1,356,630	1,599,864		243,234
22.	-	-	2,657	-	2,657	1,604	1,053	
23.	-	-	10,472	66,707	77,179	93,551		16,372
24.	1,568	5,600	18,664	50,058	68,722	93,614		24,892
25.	-	1,090	29,903	24,750	54,653	18,250	36,403	
26.	1,400	-	56,440	-	56,440	53,958	2,482	
27.	-	55,380	-	83,091	83,091	66,301	16,790	
28.	-	-	45	-	45	140		95
29.	-	750	1,372	1,560	2,932	2,711	221	
30.	-	-	294,171	24,830	319,001	252,042	66,959	
31.	-	-	47,150	-	47,150	32,086	15,064	
32.	16,193	779,784	1,301,624	1,621,127	2,922,751	2,954,802		32,051
33.	-	-	381,155	146,700	527,855	504,186	23,669	
34.	-	-	-	-	-	-		
35.	-	-	-	-	-	-		
36.	-	-	1,690	-	1,690	-	1,690	
37.	-	-	2,500	-	2,500	-	2,500	
38.	-	-	385,345	146,700	532,045	504,186	27,859	
39.	12,343	-	62,408	-	62,408	77,977		15,569
40.	2,227	4,959,447	18,601	4,978,606	4,997,207	3,573,309	1,423,898	
41.	-	20,264	5,500	29,477	34,977	29,802	5,175	
42.	-	-	-	-	-	-		
43.	-	1,177,326	253,085	1,224,971	1,478,056	1,236,365	241,691	
44.	-	-	128,572	-	128,572	91,183	37,389	
45.	-	152,627	93,076	154,627	247,703	202,623	45,080	
46.	14,570	6,309,664	561,242	6,387,681	6,948,923	5,211,259	1,737,664	
47.	9,104	57,444	422,890	241,448	664,338	545,090	119,248	
48.	39,867	7,708,419	2,732,007	12,008,566	14,740,573	13,692,209	1,048,364	

Table 14

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 No.	-	-	1,536	-	-	6
	<u>AGRICULTURAL PRODUCTS</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	Barley	-	264,667	-	-	-	17,952
3.	Corn	-	200,320	-	-	3,528	88,475
4.	Oats	-	92,015	7,318	-	-	-
5.	Rye	-	10,702	-	-	-	-
6.	Flaxseed	-	126,018	-	-	-	6,160
7.	Wheat	-	1,859,977	-	3,234	4,020	101,160
8.	Other Grains	-	6,465	-	-	1,607	-
9.	Flour	-	13,093	-	-	-	670
10.	Hay and Straw	-	-	-	-	-	-
11.	Other Mill Products	-	2,034	-	-	-	-
12.	Fruit and Vegetables	-	-	-	-	-	-
13.	Potatoes	-	-	-	-	-	-
14.	Total	-	2,575,291	7,318	3,234	9,155	214,417
	<u>ANIMAL PRODUCTS</u>						
15.	Fish	-	-	790	-	-	-
16.	Dressed Meats	-	-	-	-	-	-
17.	Other Packing-house Products	-	-	-	-	-	-
18.	All other Animal Products	-	-	-	-	-	-
19.	Total	-	-	790	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20.	Gasoline	222,523	339,468	-	-	112,609	26,050
21.	Petroleum and other Oils	81,997	146,939	-	2,400	359,598	28,950
22.	Agricultural Implements	2,657	-	-	-	-	-
23.	Cement, Brick, Plaster	10,472	2,196	-	-	-	64,511
24.	Iron, pig and bloom	-	-	-	-	17,096	44,458
25.	Iron and Steel, other	520	2,301	12,769	-	12,752	19,985
26.	Sugar	30,712	-	-	-	22,928	-
27.	Salt	-	27,711	-	-	-	-
28.	Beverages	45	-	-	-	-	-
29.	Autos and Parts	1,023	647	201	-	85	163
30.	Paper	-	1,865	162,209	-	8,537	-
31.	Wood Pulp	-	-	26,084	-	14,955	-
32.	Total	349,949	521,127	201,263	2,400	548,560	184,117
	<u>FOREST PRODUCTS</u>						
33.	Pulpwood	-	-	155,903	-	-	-
34.	Logs, Posts, Poles, Piling	-	-	-	-	-	-
35.	Firewood	-	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock	-	-	1,690	-	-	-
37.	Other Forest Products	-	-	2,500	-	-	-
38.	Total	-	-	160,093	-	-	-
	<u>MINE PRODUCTS</u>						
39.	Hard Coal	-	-	-	-	50,065	-
40.	Soft Coal	2,617	-	-	-	1,497	12,896
41.	Coke	-	-	-	-	-	6,177
42.	Copper Ore	-	-	-	-	-	-
43.	Iron Ore	19,560	44,945	192,294	-	-	-
44.	Other Ore	24,754	-	55,933	-	-	-
45.	Sand, Gravel and Stone	6,014	-	26,348	-	-	-
46.	Total	52,945	44,945	274,575	-	51,562	19,073
47.	All other Freight	217,329	44,165	39,482	5,109	132,672	118,448
48.	GRAND TOTAL	620,223	3,185,528	683,521	10,743	741,949	536,055

Tons (2,000 lbs. of cargo)

WELLAND SHIP CANAL during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	1,525	1,536	1,531	3,067	9,215		6,148
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	3,820	-	286,439	286,439	309,404		22,965
3.	-	363,182	3,528	651,977	655,505	410,727	244,778	
4.	-	-	7,318	92,015	99,333	211,025		111,692
5.	-	2,823	-	13,525	13,525	56,803		43,278
6.	-	14,986	-	147,164	147,164	206,999		59,835
7.	-	56,429	4,020	2,020,800	2,024,820	2,889,862		865,042
8.	-	107,777	1,607	114,242	115,849	70,328	45,521	
9.	-	-	-	13,763	13,763	10,568	3,195	
10.	-	-	-	-	-	-		
11.	-	-	-	2,034	2,034	3,473		1,439
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	549,017	16,473	3,341,959	3,358,432	4,169,189		810,757
15.	-	-	790	-	790	1,276		486
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	790	-	790	1,276		486
20.	-	79,753	335,132	445,271	780,403	683,620	96,783	
21.	9,425	627,224	451,020	805,513	1,256,533	1,517,159		260,626
22.	-	-	2,657	-	2,657	1,489	1,168	
23.	-	-	10,472	68,707	77,179	93,551		16,372
24.	1,568	5,600	18,664	50,058	68,722	85,758		17,036
25.	-	1,090	26,041	23,376	49,417	18,231	31,186	
26.	1,400	-	55,040	-	55,040	53,958	1,082	
27.	-	55,380	-	83,091	83,091	66,301	16,790	
28.	-	-	45	-	45	140		95
29.	-	750	1,309	1,560	2,869	2,711	158	
30.	-	-	170,746	1,865	172,611	101,970	70,641	
31.	-	-	41,039	-	41,039	31,386	9,653	
32.	12,393	769,797	1,112,165	1,477,441	2,589,606	2,656,274		66,668
33.	-	-	155,903	-	155,903	110,837	45,066	
34.	-	-	-	-	-	-		
35.	-	-	-	-	-	-		
36.	-	-	1,690	-	1,690	-	1,690	
37.	-	-	2,500	-	2,500	-	2,500	
38.	-	-	160,093	-	160,093	110,837	49,256	
39.	12,343	-	62,408	-	62,408	77,977		15,569
40.	-	4,607,348	4,114	4,620,244	4,624,358	3,312,604	1,311,754	
41.	-	14,860	-	21,037	21,037	24,322		3,285
42.	-	-	-	-	-	-		
43.	-	1,177,326	211,854	1,222,271	1,434,125	1,213,970	220,155	
44.	-	-	80,687	-	80,687	73,973	6,714	
45.	-	141,768	32,362	141,768	174,130	101,758	72,372	
46.	12,343	5,941,302	391,425	6,005,320	6,396,745	4,804,604	1,592,141	
47.	-	23,853	389,483	191,575	581,058	482,200	98,858	
48.	24,736	7,283,969	2,070,429	11,016,295	13,086,724	12,224,380	862,344	

Table 15

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 No.	-	-	888	-	-	-
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
	<u>AGRICULTURAL PRODUCTS</u>						
2.	Barley	-	4,552	-	-	-	-
3.	Corn	-	-	-	-	-	-
4.	Oats	-	12,435	12,435	-	-	-
5.	Rye	-	-	-	-	-	-
6.	Flaxseed	-	-	-	-	-	-
7.	Wheat	3,660	232,256	26,034	-	-	-
8.	Other Grains	-	-	-	-	-	-
9.	Flour	1,514	4,682	-	3,216	-	-
10.	Hay and Straw	-	-	-	-	-	-
11.	Other Mill Products	-	-	-	-	-	-
12.	Fruit and Vegetables	-	-	-	-	-	-
13.	Potatoes	-	-	-	-	-	-
14.	Total	5,174	253,925	38,469	3,216	-	-
	<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	23,408	43,310	-	-	-	-
21.	Petroleum and other Oils	27,390	66,050	-	-	-	-
22.	Agricultural Implements	-	-	-	-	-	-
23.	Cement, Brick, Plaster	-	-	-	-	-	-
24.	Iron, pig and bloom	-	-	-	-	-	-
25.	Iron and Steel, other	3,862	1,374	-	-	-	-
26.	Sugar	1,400	-	-	-	-	-
27.	Salt	-	-	-	-	-	-
28.	Beverages	-	-	-	-	-	-
29.	Autos and Parts	63	-	-	-	-	-
30.	Paper	3,150	1,265	120,275	21,700	-	-
31.	Wood Pulp	6,111	-	-	-	-	-
32.	Total	65,384	111,999	120,275	21,700	-	-
	<u>FOREST PRODUCTS</u>						
33.	Pulpwood	225,252	146,700	-	-	-	-
34.	Logs, Posts, Poles, Piling	-	-	-	-	-	-
35.	Firewood	-	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock	-	-	-	-	-	-
37.	Other Forest Products	-	-	-	-	-	-
38.	Total	225,252	146,700	-	-	-	-
	<u>MINE PRODUCTS</u>						
39.	Hard Coal	-	-	-	-	-	-
40.	Soft Coal	12,260	6,263	-	-	-	-
41.	Coke	-	1,000	5,500	2,036	-	-
42.	Copper Ore	-	-	-	-	-	-
43.	Iron Ore	37,731	2,700	3,500	-	-	-
44.	Other Ore	47,885	-	-	-	-	-
45.	Sand, Gravel and Stone	60,714	2,000	-	-	-	-
46.	Total	158,590	11,963	9,000	2,036	-	-
47.	All other Freight	21,292	9,393	3,011	6,889	-	-
48.	GRAND TOTAL	475,692	533,980	170,755	33,841	-	-

Tons (2,000 lbs.) of cargo.

WELLAND SHIP CANAL during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	888	888	888	1,776	3,844		2,068
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	-	-	4,552	4,552	-	4,552	
3.	-	-	-	-	-	-	-	
4.	-	-	12,435	12,435	24,870	-	24,870	
5.	-	-	-	-	-	3,638	-	3,638
6.	-	-	-	-	-	-	-	
7.	-	12,510	29,694	244,766	274,460	300,792	-	26,332
8.	-	-	-	-	-	-	-	
9.	-	-	1,514	7,898	9,412	1,977	7,435	
10.	-	-	-	-	-	-	-	
11.	-	-	-	-	-	-	-	
12.	-	-	-	-	-	-	-	
13.	-	-	-	-	-	-	-	
14.	-	12,510	43,643	269,651	313,294	306,407	6,887	
15.	-	-	-	-	-	-	-	
16.	-	-	-	-	-	-	-	
17.	-	-	-	-	-	-	-	
18.	-	-	-	-	-	-	-	
19.	-	-	-	-	-	-	-	
20.	-	7,130	23,408	50,440	73,848	57,061	16,787	
21.	3,800	2,857	31,190	68,907	100,097	82,705	17,392	
22.	-	-	-	-	-	115	-	115
23.	-	-	-	-	-	-	-	
24.	-	-	-	-	-	7,856	-	7,856
25.	-	-	3,862	1,374	5,236	19	5,217	
26.	-	-	1,400	-	1,400	-	1,400	
27.	-	-	-	-	-	-	-	
28.	-	-	-	-	-	-	-	
29.	-	-	63	-	63	-	63	
30.	-	-	123,425	22,965	146,390	150,072	-	3,682
31.	-	-	6,111	-	6,111	700	5,411	
32.	3,800	9,987	189,459	143,686	333,145	298,528	34,617	
33.	-	-	225,252	146,700	371,952	393,349	-	21,397
34.	-	-	-	-	-	-	-	
35.	-	-	-	-	-	-	-	
36.	-	-	-	-	-	-	-	
37.	-	-	-	-	-	-	-	
38.	-	-	225,252	146,700	371,952	393,349	-	21,397
39.	-	-	-	-	-	-	-	
40.	2,227	352,099	14,487	358,362	372,849	260,705	112,144	
41.	-	5,404	5,500	8,440	13,940	5,480	8,460	
42.	-	-	-	-	-	-	-	
43.	-	-	41,231	2,700	43,931	22,395	21,536	
44.	-	-	47,885	-	47,885	17,210	30,675	
45.	-	10,859	60,714	12,859	73,573	100,865	-	27,292
46.	2,227	368,362	169,817	382,361	552,178	406,655	145,523	
47.	9,104	33,591	33,407	49,873	83,280	62,890	20,390	
48.	15,131	424,450	661,578	992,271	1,653,849	1,467,829	186,020	

Table 16

WELLAND SHIP CANAL TRAFFIC
Season of Navigation, 1950

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	75	468,920	1,086,977	88	402,312	65,854
Toronto	89	204,626	369,976	101	205,496	73,522
Kingston	75	260,635	533,728	9	31,603	454
Prescott, Ogdensburg & Brockville	30	77,569	178,849	8	17,227	21,057
Oswego and South	17	66,915	129,714	12	24,493	27,407
Other Lake Ontario Ports	4	6,673	-	29	46,026	75,828
Montreal and below	170	216,549	346,795	205	257,218	184,152
Other Ports below Prescott	4	4,734	11,627	9	12,336	229
Welland Ship Canal	62	176,928	326,904	23	64,680	18,897
Total	526	1,483,549	2,984,570	484	1,061,391	467,400
<u>Lake Michigan and</u>						
Hamilton	14	64,499	146,186	1	47	-
Toronto	27	51,086	110,660	1	5,335	-
Kingston	2	2,729	6,776	1	1,171	-
Prescott, Ogdensburg & Brockville	5	8,466	25,544	-	-	-
Oswego and South	29	60,233	120,743	21	31,932	43,970
Other Lake Ontario Ports	3	12,275	21,000	-	-	-
Montreal and below	74	75,585	133,241	165	167,709	256,382
Other Ports below Prescott	13	15,129	39,133	8	9,490	2,300
Welland Ship Canal	6	23,415	40,959	43	87,742	121,575
Total	173	313,417	644,242	240	303,426	424,227
<u>Lake Huron and</u>						
Hamilton	6	21,923	52,937	2	6,290	-
Toronto	1	29	-	3	3,383	-
Kingston	3	4,803	8,462	-	-	-
Prescott, Ogdensburg & Brockville	-	-	-	-	-	-
Oswego and South	7	16,852	42,580	9	21,209	2,000
Other Lake Ontario Ports	-	-	-	1	33	-
Montreal and below	7	8,224	18,761	4	2,975	7,365
Other Ports below Prescott	-	-	-	-	-	-
Welland Ship Canal	6	11,436	17,592	6	16,095	-
Total	30	63,267	140,332	25	49,985	9,365
<u>Sarnia to Port Colborne and</u>						
Hamilton	309	1,047,939	2,339,070	375	1,275,725	6,601
Toronto	406	1,231,085	2,104,975	407	1,264,903	47,507
Kingston	21	32,719	54,039	52	184,261	-
Prescott, Ogdensburg & Brockville	30	32,118	57,496	40	82,166	20,562
Oswego and South	434	281,815	118,859	568	426,568	534,247
Other Lake Ontario Ports	256	325,557	628,472	256	310,458	52,978
Montreal and below	970	1,117,926	2,291,387	653	753,741	635,047
Other Ports below Prescott	17	19,294	43,210	47	56,519	12,850
Welland Ship Canal	227	233,546	509,786	354	554,885	61,310
Total	2,670	4,421,999	8,147,294	2,752	4,909,226	1,371,102
<u>Welland Ship Canal and</u>						
Hamilton	4	6,942	117	16	27,284	13,109
Toronto	9	10,633	105	34	51,605	7,478
Kingston	6	4,674	-	1	1,158	-
Prescott, Ogdensburg & Brockville	4	5,383	-	8	16,429	3,995
Oswego and South	71	57,972	24,100	29	12,501	8,831
Other Lake Ontario Ports	58	44,362	1,556	51	38,083	61,157
Montreal and below	67	68,965	66,250	172	200,903	362,430
Other Ports below Prescott	1	1,224	-	5	5,064	2,913
Total	220	200,155	92,128	316	353,027	459,913
GRAND TOTAL	3,619	6,482,387	12,008,566	3,817	6,677,055	2,732,007

(1 ton = 2,000 lbs.)

Table 17

GRAIN DOWN-BOUND THROUGH THE WELLAND SHIP CANAL, 1950

	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	-	-	-	-	506,786	-	506,786
In United States vessels	-	-	-	-	-	-	-
From Canadian Ports to United States Ports -							
In Canadian vessels	-	-	-	-	-	-	-
In United States vessels	107,800	-	-	-	-	-	107,800
From United States Ports to United States Ports -							
In United States vessels	-	-	-	-	-	-	-
From Canadian Ports to Canadian Ports -							
In Canadian vessels	66,819,700	10,993,958	6,144,118	382,214	42,214	3,609,357	87,991,561
In United States vessels	147,000	-	-	-	-	18,000	165,000
<u>United States Grain -</u>							
From United States Ports to Canadian Ports -							
In Canadian vessels	1,880,967	159,167	-	100,821	12,137,857	535,214	14,814,026
In United States vessels	417,000	-	-	-	326,143	-	743,143
From United States Ports to United States Ports -							
In Canadian vessels	-	-	-	-	90,000	220,000	310,000
In United States vessels	3,372,000	748,000	-	-	3,069,821	-	7,189,821
From Canadian Ports to Canadian Ports -							
In Canadian vessels	2,777,767	223,500	-	-	7,112,071	873,286	10,986,624
In United States vessels	-	-	-	-	-	-	-
Total Grain	75,522,234	12,124,625	6,144,118	483,035	23,284,892	5,255,857	122,814,761
Canadian Grain in United States vessels	254,800	-	-	-	-	18,000	272,800
United States Grain in Canadian vessels	4,658,734	382,667	-	100,821	19,339,928	1,628,500	26,110,650

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 No.	-	5	19	-	-	-
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
<u>AGRICULTURAL PRODUCTS</u>						
2. Barley	-	163,503	-	-	-	-
3. Corn	112	309,180	-	-	-	-
4. Oats	6,916	64,117	7,318	-	-	-
5. Rye	-	5,732	-	-	-	-
6. Flaxseed	-	119,190	-	-	-	-
7. Wheat	-	1,848,797	-	4,914	-	-
8. Other Grains	2,995	-	-	-	-	-
9. Flour	-	16,742	-	3,216	-	670
10. Hay and Straw	-	-	-	-	-	-
11. Other Mill Products	-	867	-	-	-	-
12. Fruit and Vegetables	-	-	-	-	-	-
13. Potatoes	-	-	-	-	-	-
14. Total	10,023	2,528,128	7,318	8,130	-	670
<u>ANIMAL PRODUCTS</u>						
15. Fish	-	-	790	-	-	-
16. Dressed Meats	-	-	-	-	-	-
17. Other Packing-house Products ..	-	-	-	-	-	-
18. All other Animal Products	-	4,139	-	-	-	-
19. Total	-	4,139	790	-	-	-
<u>MANUFACTURES AND MISCELLANEOUS</u>						
20. Gasoline	913,839	3,643	-	-	-	-
21. Petroleum and other Oils	1,153,380	10,202	-	300	-	-
22. Agricultural Implements	-	-	-	-	-	-
23. Cement, Brick, Plaster	-	558	-	-	-	-
24. Iron, pig and bloom	-	-	-	-	1,500	-
25. Iron and Steel, other	3,122	33,501	16,958	230	10,552	390
26. Sugar	50,979	-	-	-	2,700	-
27. Salt	-	27,711	-	-	-	-
28. Beverages	45	-	33	-	450	-
29. Autos and Parts	3,653	1,201	201	-	85	163
30. Paper	2,998	2,498	180,078	3,462	-	-
31. Wood Pulp	8,911	-	32,243	-	14,955	-
32. Total	2,136,927	79,314	229,513	3,992	30,242	553
<u>FOREST PRODUCTS</u>						
33. Pulpwood	240,896	-	427,578	-	-	-
34. Logs, Posts, Poles, Piling	-	-	-	-	-	-
35. Firewood	32	-	-	-	-	-
36. Lumber, Mill, Cooperage stock..	39,344	-	1,812	246	-	-
37. Other Forest Products	-	-	-	-	-	-
38. Total	280,272	-	429,390	246	-	-
<u>MINE PRODUCTS</u>						
39. Hard Coal	36,752	-	-	-	-	-
40. Soft Coal	3,775	2,586	-	-	1,497	-
41. Coke	-	-	-	4,101	-	6,177
42. Copper Ore	-	-	-	-	-	-
43. Iron Ore	60,556	2,700	189,560	-	-	-
44. Other Ore	75,374	-	51,832	-	-	-
45. Sand, Gravel and Stone	5,480	263,803	34,237	-	-	-
46. Total	181,937	269,089	275,629	4,101	1,497	6,177
47. All other Freight	418,513	232,317	30,989	17,633	87,055	71,760
48. GRAND TOTAL	3,027,672	3,112,987	973,629	34,102	118,794	79,160

Tons (2,000 lbs.) of cargo.

Number of pleasure craft lockages in 1950 = 501.

ST. LAWRENCE CANALS during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	4	19	9	28	13,328		13,300
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	3,821	-	167,324	167,324	182,160		14,836
3.	-	189,656	112	498,836	498,948	329,782	169,166	
4.	-	-	14,234	64,117	78,351	157,652		79,301
5.	-	2,823	-	8,555	8,555	60,111		51,556
6.	-	9,663	-	128,853	128,853	153,282		24,429
7.	-	38,116	-	1,891,827	1,891,827	2,223,162		331,335
8.	-	-	2,995	-	2,995	4,990		1,995
9.	-	-	-	20,628	20,628	12,318	8,310	
10.	-	-	-	-	-	-		
11.	-	-	-	867	867	5,616		4,749
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	244,079	17,341	2,781,007	2,798,348	3,129,073		330,725
15.	-	-	790	-	790	1,225		435
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	4,139	4,139	4,399		260
19.	-	-	790	4,139	4,929	5,624		695
20.	-	-	913,839	3,643	917,482	896,437	21,045	
21.	2,015	-	1,155,395	10,502	1,165,897	584,279	581,618	
22.	-	-	-	-	-	-		
23.	-	-	-	558	558	219	339	
24.	-	-	1,500	-	1,500	650	850	
25.	716	1,125	31,348	35,246	66,594	28,716	37,878	
26.	2,723	-	56,402	-	56,402	55,790	612	
27.	-	46,280	-	73,991	73,991	60,301	13,690	
28.	-	-	528	-	528	140	388	
29.	1,818	750	5,757	2,114	7,871	4,046	3,825	
30.	-	-	183,076	5,960	189,036	120,540	68,496	
31.	-	-	56,109	-	56,109	32,436	23,673	
32.	7,272	48,155	2,403,954	132,014	2,535,968	1,783,554	752,414	
33.	-	-	668,474	-	668,474	420,482	247,992	
34.	-	-	-	-	-	50		50
35.	-	-	32	-	32	-	32	
36.	-	-	41,156	246	41,402	34,122	7,280	
37.	-	-	-	-	-	-		
38.	-	-	709,662	246	709,908	454,654	255,254	
39.	-	-	36,752	-	36,752	22,720	14,032	
40.	-	2,270,365	5,272	2,272,951	2,278,223	1,309,931	968,292	
41.	-	14,175	-	24,453	24,453	8,989	15,464	
42.	-	-	-	-	-	-		
43.	-	-	250,116	2,700	252,816	230,993	21,823	
44.	-	-	127,206	-	127,206	38,335	88,871	
45.	-	-	39,717	263,803	303,520	279,091	24,429	
46.	-	2,284,540	459,063	2,563,907	3,022,970	1,890,059	1,132,911	
47.	30,433	8,448	566,990	330,158	897,148	697,230	199,918	
48.	37,705	2,585,222	4,157,800	5,811,471	9,969,271	7,960,194	2,009,077	

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 No.	-	-	-	-	-	-
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
	<u>AGRICULTURAL PRODUCTS</u>						
2.	Barley	-	163,503	-	-	-	-
3.	Corn	-	288,486	-	-	-	-
4.	Oats	6,916	64,117	7,318	-	-	-
5.	Rye	-	5,732	-	-	-	-
6.	Flaxseed	-	119,190	-	-	-	-
7.	Wheat	-	1,848,797	-	4,914	-	-
8.	Other Grains	2,995	-	-	-	-	-
9.	Flour	-	16,492	-	3,216	-	670
10.	Hay and Straw	-	-	-	-	-	-
11.	Other Mill Products	-	867	-	-	-	-
12.	Fruit and Vegetables	-	-	-	-	-	-
13.	Potatoes	-	-	-	-	-	-
14.	Total	9,911	2,507,184	7,318	8,130	-	670
	<u>ANIMAL PRODUCTS</u>						
15.	Fish	-	-	790	-	-	-
16.	Dressed Meats	-	-	-	-	-	-
17.	Other Packing-house Products	-	-	-	-	-	-
18.	All other Animal Products	-	4,139	-	-	-	-
19.	Total	-	4,139	790	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
20.	Gasoline	876,776	340	-	-	-	-
21.	Petroleum and other Oils	1,063,809	8,752	-	300	-	-
22.	Agricultural Implements	-	-	-	-	-	-
23.	Cement, Brick, Plaster	-	-	-	-	-	-
24.	Iron, pig and bloom	-	-	-	-	1,500	-
25.	Iron and Steel, other	1,740	32,367	16,958	230	10,552	390
26.	Sugar	50,979	-	-	-	2,700	-
27.	Salt	-	9,051	-	-	-	-
28.	Beverages	45	-	33	-	450	-
29.	Autos and Parts	3,653	1,201	201	-	85	163
30.	Paper	2,773	2,498	180,078	-	-	-
31.	Wood Pulp	8,911	-	32,243	-	14,955	-
32.	Total	2,008,686	54,209	229,513	530	30,242	553
	<u>FOREST PRODUCTS</u>						
33.	Pulpwood	222,814	-	339,828	-	-	-
34.	Logs, Posts, Poles, Piling	-	-	-	-	-	-
35.	Firewood	-	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock ...	437	-	1,690	-	-	-
37.	Other Forest Products	-	-	-	-	-	-
38.	Total	223,251	-	341,518	-	-	-
	<u>MINE PRODUCTS</u>						
39.	Hard Coal	36,752	-	-	-	-	-
40.	Soft Coal	2,500	2,586	-	-	1,497	-
41.	Coke	-	-	-	4,101	-	6,177
42.	Copper Ore	-	-	-	-	-	-
43.	Iron Ore	60,556	2,700	189,560	-	-	-
44.	Other Ore	72,574	-	51,832	-	-	-
45.	Sand, Gravel and Stone	-	-	-	-	-	-
46.	Total	172,382	5,286	241,392	4,101	1,497	6,177
47.	All other Freight	382,982	178,326	30,989	17,633	87,055	71,760
48.	GRAND TOTAL	2,797,212	2,749,144	851,520	30,394	118,794	79,160

Tons (2,000 lbs.) of cargo.

ST. LAWRENCE CANALS during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	4	-	4	4	7		3
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	3,821	-	167,324	167,324	179,312		11,988
3.	-	136,549	-	425,035	425,035	272,022	153,013	
4.	-	-	14,234	64,117	78,351	157,040		78,689
5.	-	2,823	-	8,555	8,555	60,111		51,556
6.	-	9,663	-	128,853	128,853	153,282		24,429
7.	-	38,116	-	1,891,827	1,891,827	2,221,737		329,910
8.	-	-	2,995	-	2,995	4,990		1,995
9.	-	-	-	20,378	20,378	12,318	8,060	
10.	-	-	-	-	-	-		-
11.	-	-	-	867	867	5,616		4,749
12.	-	-	-	-	-	-		-
13.	-	-	-	-	-	-		-
14.	-	190,972	17,229	2,706,956	2,724,185	3,066,428		342,243
15.	-	-	790	-	790	1,225		435
16.	-	-	-	-	-	-		-
17.	-	-	-	-	-	-		-
18.	-	-	-	4,139	4,139	4,399		260
19.	-	-	790	4,139	4,929	5,624		695
20.	-	-	876,776	340	877,116	834,882	42,234	
21.	2,015	-	1,065,824	9,052	1,074,876	501,328	573,548	
22.	-	-	-	-	-	-		-
23.	-	-	-	-	-	-		-
24.	-	-	1,500	-	1,500	650	850	
25.	716	1,125	29,966	34,112	64,078	28,716	35,362	
26.	2,723	-	56,402	-	56,402	55,790	612	
27.	-	34,830	-	43,881	43,881	26,966	16,915	
28.	-	-	528	-	528	140	388	
29.	1,818	750	5,757	2,114	7,871	3,754	4,117	
30.	-	-	182,851	2,498	185,349	117,237	68,112	
31.	-	-	56,109	-	56,109	32,086	24,023	
32.	7,272	36,705	2,275,713	91,997	2,367,710	1,601,549	766,161	
33.	-	-	562,642	-	562,642	352,308	210,334	
34.	-	-	-	-	-	-		-
35.	-	-	-	-	-	-		-
36.	-	-	2,127	-	2,127	-	2,127	
37.	-	-	-	-	-	-		-
38.	-	-	564,769	-	564,769	352,308	212,461	
39.	-	-	36,752	-	36,752	22,720	14,032	
40.	-	1,958,474	3,997	1,961,060	1,965,057	1,104,789	860,268	
41.	-	14,175	-	24,453	24,453	8,989	15,464	
42.	-	-	-	-	-	-		-
43.	-	-	250,116	2,700	252,816	230,993	21,823	
44.	-	-	124,406	-	124,406	38,335	86,071	
45.	-	-	-	-	-	-		-
46.	-	1,972,649	415,271	1,988,213	2,403,484	1,405,826	997,658	
47.	17,406	8,448	518,432	276,167	794,599	623,977	170,622	
48.	24,678	2,208,774	3,792,204	5,067,472	8,859,676	7,055,712	1,803,964	

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 No.	-	5	19	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>						
2.	Barley	-	-	-	-	-	-
3.	Corn	112	20,694	-	-	-	-
4.	Oats	-	-	-	-	-	-
5.	Rye	-	-	-	-	-	-
6.	Flaxseed	-	-	-	-	-	-
7.	Wheat	-	-	-	-	-	-
8.	Other Grains	-	-	-	-	-	-
9.	Flour	-	250	-	-	-	-
10.	Hay and Straw	-	-	-	-	-	-
11.	Other Mill Products	-	-	-	-	-	-
12.	Fruit and Vegetables	-	-	-	-	-	-
13.	Potatoes	-	-	-	-	-	-
14.	Total	112	20,944	-	-	-	-
	<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	37,063	3,303	-	-	-	-
21.	Petroleum and other Oils	89,571	1,450	-	-	-	-
22.	Agricultural Implements	-	-	-	-	-	-
23.	Cement, Brick, Plaster	-	558	-	-	-	-
24.	Iron, pig and bloom	-	-	-	-	-	-
25.	Iron and Steel, other	1,382	1,134	-	-	-	-
26.	Sugar	-	-	-	-	-	-
27.	Salt	-	18,660	-	-	-	-
28.	Beverages	-	-	-	-	-	-
29.	Autos and Parts	-	-	-	-	-	-
30.	Paper	225	-	-	3,462	-	-
31.	Wood Pulp	-	-	-	-	-	-
32.	Total	128,241	25,105	-	3,462	-	-
	<u>FOREST PRODUCTS</u>						
33.	Pulpwood	18,082	-	87,750	-	-	-
34.	Logs, Posts, Poles, Piling	-	-	-	-	-	-
35.	Firewood	32	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock	38,907	-	122	246	-	-
37.	Other Forest Products	-	-	-	-	-	-
38.	Total	57,021	-	87,872	246	-	-
	<u>MINE PRODUCTS</u>						
39.	Hard Coal	-	-	-	-	-	-
40.	Soft Coal	1,275	-	-	-	-	-
41.	Coke	-	-	-	-	-	-
42.	Copper Ore	-	-	-	-	-	-
43.	Iron Ore	-	-	-	-	-	-
44.	Other Ore	2,800	-	-	-	-	-
45.	Sand, Gravel and Stone	5,480	263,803	34,237	-	-	-
46.	Total	9,555	263,803	34,237	-	-	-
47.	All other Freight	35,531	53,991	-	-	-	-
48.	GRAND TOTAL	230,460	363,843	122,109	3,708	-	-

Tons (2,000 lbs.) of cargo.

ST. LAWRENCE CANALS during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	-	19	5	24	13,321		13,297
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2.	-	-	-	-	-	2,848		2,848
3.	-	53,107	112	73,801	73,913	57,760	16,153	
4.	-	-	-	-	-	612		612
5.	-	-	-	-	-	-		
6.	-	-	-	-	-	-		
7.	-	-	-	-	-	1,425		1,425
8.	-	-	-	-	-	-		
9.	-	-	-	250	250	-	250	
10.	-	-	-	-	-	-		
11.	-	-	-	-	-	-		
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	53,107	112	74,051	74,163	62,645	11,518	
15.	-	-	-	-	-	-		
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	-	-	-	-		
20.	-	-	37,063	3,303	40,366	61,555		21,189
21.	-	-	89,571	1,450	91,021	82,951	8,070	
22.	-	-	-	-	-	-		
23.	-	-	-	558	558	219	339	
24.	-	-	-	-	-	-		
25.	-	-	1,382	1,134	2,516	-	2,516	
26.	-	-	-	-	-	-		
27.	-	11,450	-	30,110	30,110	33,335		3,225
28.	-	-	-	-	-	-		
29.	-	-	-	-	-	292		292
30.	-	-	225	3,462	3,687	3,303	384	
31.	-	-	-	-	-	350		350
32.	-	11,450	128,241	40,017	168,258	182,005		13,747
33.	-	-	105,832	-	105,832	68,174	37,658	
34.	-	-	-	-	-	50		50
35.	-	-	32	-	32	-	32	
36.	-	-	39,029	246	39,275	34,122	5,153	
37.	-	-	-	-	-	-		
38.	-	-	144,893	246	145,139	102,346	42,793	
39.	-	-	-	-	-	-		
40.	-	311,891	1,275	311,891	313,166	205,142	108,024	
41.	-	-	-	-	-	-		
42.	-	-	-	-	-	-		
43.	-	-	-	-	-	-		
44.	-	-	2,800	-	2,800	-	2,800	
45.	-	-	39,717	263,803	303,520	279,091	24,429	
46.	-	311,891	43,792	575,694	619,486	484,233	135,253	
47.	13,027	-	48,558	53,991	102,549	73,253	29,296	
48.	13,027	376,448	365,596	743,999	1,109,595	904,482	205,113	

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.	PassengersNo.	4	-	-	-	-	-
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	<u>ANIMAL PRODUCTS</u> Fish	-	-	30	-	-	-
3.	Total	-	-	30	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
4.	Petroleum and other Oils	84	-	-	-	-	-
5.	Cement, Brick, Plaster	-	-	-	-	-	-
6.	Paper	-	-	27,756	-	-	-
7.	Total	84	-	27,756	-	-	-
	<u>MINE PRODUCTS</u>						
8.	Hard Coal	-	-	-	-	-	-
9.	Soft Coal	-	-	-	-	-	-
10.	Sand, Gravel and Stone	-	-	-	-	-	-
11.	Total	-	-	-	-	-	-
12.	All other Freight	x 55,583	3,044	-	-	-	-
13.	GRAND TOTAL	55,667	3,044	27,786	-	-	-

x - Includes 55,578 tons of Fertilizer.

Table 22

Traffic on the OTTAWA

1.	Passengers No.	-	-	-	-	-	-
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
2.	Gasoline	3,427	-	-	-	-	-
3.	Petroleum and other Oils	1,040	-	-	-	-	-
4.	Paper	-	-	-	3,462	-	-
5.	Total	4,467	-	-	3,462	-	-
	<u>FOREST PRODUCTS</u>						
6.	Pulpwood	-	-	-	-	-	-
7.	Total	-	-	-	-	-	-
	<u>MINE PRODUCTS</u>						
8.	Soft Coal	1,275	-	-	-	-	-
9.	Sand, Gravel and Stone	-	285,400	-	-	-	-
10.	Total	1,275	285,400	-	-	-	-
11.	GRAND TOTAL	5,742	285,400	-	3,462	-	-

Tons (2,000) lbs. of cargo.

Number of pleasure craft lockages in 1950 = 3,411.

RIVER CANAL during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	4	4	4	8	38		30
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	-	30	-	30	37		7
3.	-	-	30	-	30	37		7
4.	-	-	84	-	84	76	8	
5.	-	200	-	200	200	-	200	
6.	-	-	27,756	-	27,756	26,959	797	
7.	-	200	27,840	200	28,040	27,035	1,005	
8.	-	-	-	-	-	185		185
9.	-	-	-	-	-	3,555		3,555
10.	-	225	-	225	225	425		200
11.	-	225	-	225	225	4,165		3,940
12.	-	/ 18,451	55,583	21,495	77,078	75,244	1,834	
13.	-	18,876	83,453	21,920	105,373	106,481		1,108

/ Includes 5,842 tons of Fertilizer.

RIVER CANAL during 1950

1.	-	-	-	-	-	8		8
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	-	3,427	-	3,427	-	3,427	
3.	-	-	1,040	-	1,040	-	1,040	
4.	-	-	-	3,462	3,462	3,303	159	
5.	-	-	4,487	3,462	7,929	3,303	4,626	
6.	-	-	-	-	-	32		32
7.	-	-	-	-	-	32		32
8.	-	-	1,275	-	1,275	1,495		220
9.	-	-	-	285,400	285,400	277,500	7,900	
10.	-	-	1,275	285,400	286,675	278,995	7,680	
11.	-	-	5,742	288,862	294,604	282,330	12,274	

Table 23

Traffic on the ST. PETER'S

	Commodity	Canada to Canada		Canada to U. S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1.	Passengers No.	62	49	-	-	-	-
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
	<u>AGRICULTURAL PRODUCTS</u>						
2.	Oats	-	-	-	-	-	-
3.	Flour	1	29	-	-	-	-
4.	Hay and Straw	5	-	-	-	-	-
5.	Other Mill Products	1	50	-	-	-	-
6.	Fruit and Vegetables	111	-	-	-	-	-
7.	Potatoes	2,013	-	-	-	-	-
8.	Total	2,131	79	-	-	-	-
	<u>ANIMAL PRODUCTS</u>						
9.	Fish	8	671	-	-	-	-
10.	Dressed Meats	1	-	-	-	-	-
11.	All other Animal Products	2	-	-	-	-	-
12.	Total	11	671	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
13.	Gasoline	-	50	-	-	-	-
14.	Petroleum and other Oils	-	-	-	-	-	-
15.	Agricultural Implements	1	-	-	-	-	-
16.	Cement, Brick, Plaster	-	2	-	-	-	-
17.	Iron and Steel, other	-	121	-	-	-	-
18.	Sugar	-	1	-	-	-	-
19.	Salt	30	1	-	-	-	-
20.	Autos and Parts	-	-	-	-	-	-
21.	Total	31	175	-	-	-	-
	<u>FOREST PRODUCTS</u>						
22.	Logs, Posts, Poles, Piling	-	-	-	-	-	-
23.	Firewood	-	9	-	-	-	-
24.	Lumber, Mill, Cooperage stock	1	9	-	-	-	-
25.	Total	1	18	-	-	-	-
	<u>MINE PRODUCTS</u>						
26.	Hard Coal	-	-	-	-	-	-
27.	Soft Coal	-	3,303	-	-	-	-
28.	Coke	-	267	-	-	-	-
29.	Sand, Gravel and Stone	-	-	-	-	-	-
30.	Total	-	3,570	-	-	-	-
31.	All other Freight	621	497	-	-	-	-
32.	GRAND TOTAL	2,795	5,010	-	-	-	-

Tons (2,000 lbs.) of cargo.

Number of pleasure craft lockages in 1950 = 105.

CANAL during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
1.	-	-	62	49	111	165		54
2.	-	-	-	-	-	22		22
3.	-	-	1	29	30	19	11	
4.	-	-	5	-	5	2	3	
5.	-	-	1	50	51	11	40	
6.	-	-	111	-	111	274		163
7.	-	-	2,013	-	2,013	2,778		765
8.	-	-	2,131	79	2,210	3,106		896
9.	-	-	8	671	679	1,437		758
10.	-	-	1	-	1	2		1
11.	-	-	2	-	2	9		7
12.	-	-	11	671	682	1,448		766
13.	-	-	-	50	50	2,424		2,374
14.	-	-	-	-	-	162		162
15.	-	-	1	-	1	-	1	
16.	-	-	-	2	2	30		28
17.	-	-	-	121	121	-	121	
18.	-	-	-	1	1	-	1	
19.	-	-	30	1	31	408		377
20.	-	-	-	-	-	5		3
21.	-	-	31	175	206	3,027		2,821
22.	-	-	-	-	-	6		6
23.	-	-	-	9	9	19		10
24.	-	-	1	9	10	72		62
25.	-	-	1	18	19	97		78
26.	-	-	-	-	-	3		3
27.	-	-	-	3,303	3,303	3,532		229
28.	-	-	-	267	267	178	89	
29.	-	-	-	-	-	12		12
30.	-	-	-	3,570	3,570	3,725		155
31.	-	-	621	497	1,118	1,276		158
32.	-	-	2,795	5,010	7,805	12,679		4,874

Table 24

Traffic on the MURRAY

	Commodity	Canada to Canada		Canada to U. S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
1.	Gasoline	-	-	-	-	-	-
2.	Petroleum and other Oils	-	-	-	-	-	-
3.	Paper	-	225	-	-	-	-
4.	Total	-	225	-	-	-	-
5.	GRAND TOTAL	-	225	-	-	-	-

Number of pleasure craft lockages in 1950 = 837.

Table 25

Traffic on the St. ANDREW

1.	Passengers	No.	925	1,070	-	-	-	-
			<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
	<u>AGRICULTURAL PRODUCTS</u>							
2.	Oats	-	-	11	-	-	-	-
3.	Flour	-	-	271	-	-	-	-
4.	Hay and Straw	-	-	176	-	-	-	-
5.	Other Mill Products	-	-	-	-	-	-	-
6.	Fruit and Vegetables	2	-	45	-	-	-	-
7.	Potatoes	-	-	9	-	-	-	-
8.	Total	-	2	512	-	-	-	-
	<u>ANIMAL PRODUCTS</u>							
9.	Fish	-	1,925	-	-	-	-	-
10.	Dressed Meats	-	-	17	-	-	-	-
11.	All other Animal Products	-	15	1	-	-	-	-
12.	Total	-	1,940	18	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>							
13.	Gasoline	-	-	682	-	-	-	-
14.	Petroleum and other Oils	-	-	33	-	-	-	-
15.	Cement, Brick and Plaster	-	-	371	-	-	-	-
16.	Iron and Steel, other	81	-	152	-	-	-	-
17.	Beverages	-	-	172	-	-	-	-
18.	Autos and Parts	14	-	43	-	-	-	-
19.	Total	-	95	1,453	-	-	-	-
	<u>FOREST PRODUCTS</u>							
20.	Firewood	-	43	-	-	-	-	-
21.	Lumber, Mill, Cooperage stock ...	8,391	-	142	-	-	-	-
22.	Total	8,434	-	142	-	-	-	-
	<u>MINE PRODUCTS</u>							
23.	Soft Coal	-	-	-	-	-	-	-
24.	Total	-	-	-	-	-	-	-
25.	All other Freight	-	60	2,245	-	-	-	-
26.	GRAND TOTAL	-	10,531	4,370	-	-	-	-

Tons (2,000 lbs.) of cargo.

Number of pleasure craft lockages in 1950 = 200.

CANAL during 1950

	U. S. to Canada		T o t a l		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1.	-	-	-	-	-	700		700
2.	-	2,744	-	2,744	2,744	-	2,744	
3.	-	-	-	225	225	-	225	
4.	-	2,744	-	2,969	2,969	700	2,269	
5.	-	2,744	-	2,969	2,969	700	2,269	

CANAL during 1950

1.	-	-	925	1,070	1,995	3,082		1,087
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	-	-	11	11	30		19
3.	-	-	-	271	271	188	85	
4.	-	-	-	176	176	90	86	
5.	-	-	-	-	-	3		3
6.	-	-	2	45	47	5	42	
7.	-	-	-	9	9	-	9	
8.	-	-	2	512	514	316	198	
9.	-	-	1,925	-	1,925	1,992		67
10.	-	-	-	17	17	-	17	
11.	-	-	15	1	16	9	7	
12.	-	-	1,940	18	1,958	2,001		43
13.	-	-	-	682	682	844		162
14.	-	-	-	33	33	84		51
15.	-	-	-	371	371	172	199	
16.	-	-	81	152	233	582		349
17.	-	-	-	172	172	128	44	
18.	-	-	14	43	57	71		14
19.	-	-	95	1,453	1,548	1,881		333
20.	-	-	43	-	43	429		386
21.	-	-	8,391	142	8,533	8,100	433	
22.	-	-	8,434	142	8,576	8,529	47	
23.	-	-	-	-	-	139		139
24.	-	-	-	-	-	139		139
25.	-	-	60	2,245	2,305	3,198		893
26.	-	-	10,531	4,370	14,901	16,064		1,163

Table 26

Traffic on the RIDEAU

	Commodity	Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
1.	Passengers No.	227	278	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	Gasoline	2	-	-	-	-	-
3.	Petroleum and other Oils	1	-	-	-	-	-
4.	Cement, Brick, Plaster	24	14	-	-	-	-
5.	Iron and Steel, other	7	5	-	-	-	-
6.	Total	34	19	-	-	-	-
	<u>FOREST PRODUCTS</u>						
7.	Logs, Posts, Poles, Piling	-	37	-	-	-	-
8.	Firewood	-	-	-	-	-	-
9.	Lumber, Mill, Cooperage stock	153	15	-	-	-	-
10.	Other Forest Products	-	24	-	-	-	-
11.	Total	153	76	-	-	-	-
	<u>MINE PRODUCTS</u>						
12.	Soft Coal	93	-	-	-	-	-
13.	Sand, Gravel and Stone	77	724	-	-	-	-
14.	Total	170	724	-	-	-	-
15.	All other Freight	16	23	-	-	-	-
16.	GRAND TOTAL	373	842	-	-	-	-

Number of pleasure craft lockages in 1950 = 18,494.

Lake Ontario towards Ottawa River is classed as 'Down'.

Table 27

Traffic on the TRENT

	<u>AGRICULTURAL PRODUCTS</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
1.	Hay and Straw	-	10	-	-	-	-
2.	Total	-	10	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
3.	Gasoline	17	62	-	-	-	-
4.	Petroleum and other Oils	12	20	-	-	-	-
5.	Cement, Brick, Plaster	49	-	-	-	-	-
6.	Iron and Steel, other	1	16	-	-	-	-
7.	Total	79	98	-	-	-	-
	<u>FOREST PRODUCTS</u>						
8.	Logs, Posts, Poles, Piling	5	40	-	-	-	-
9.	Firewood	8	56	-	-	-	-
10.	Lumber, Mill, Cooperage stock ...	31	2	-	-	-	-
11.	Total	44	98	-	-	-	-
	<u>MINE PRODUCTS</u>						
12.	Hard Coal	-	6	-	-	-	-
13.	Sand, Gravel and Stone	3	-	-	-	-	-
14.	Total	3	6	-	-	-	-
15.	All other Freight	103	161	-	-	-	-
16.	GRAND TOTAL	229	373	-	-	-	-

Number of pleasure craft lockages in 1950 = 17,202.

Lake Huron towards Lake Ontario is classed as 'Down'.

CANAL during 1950

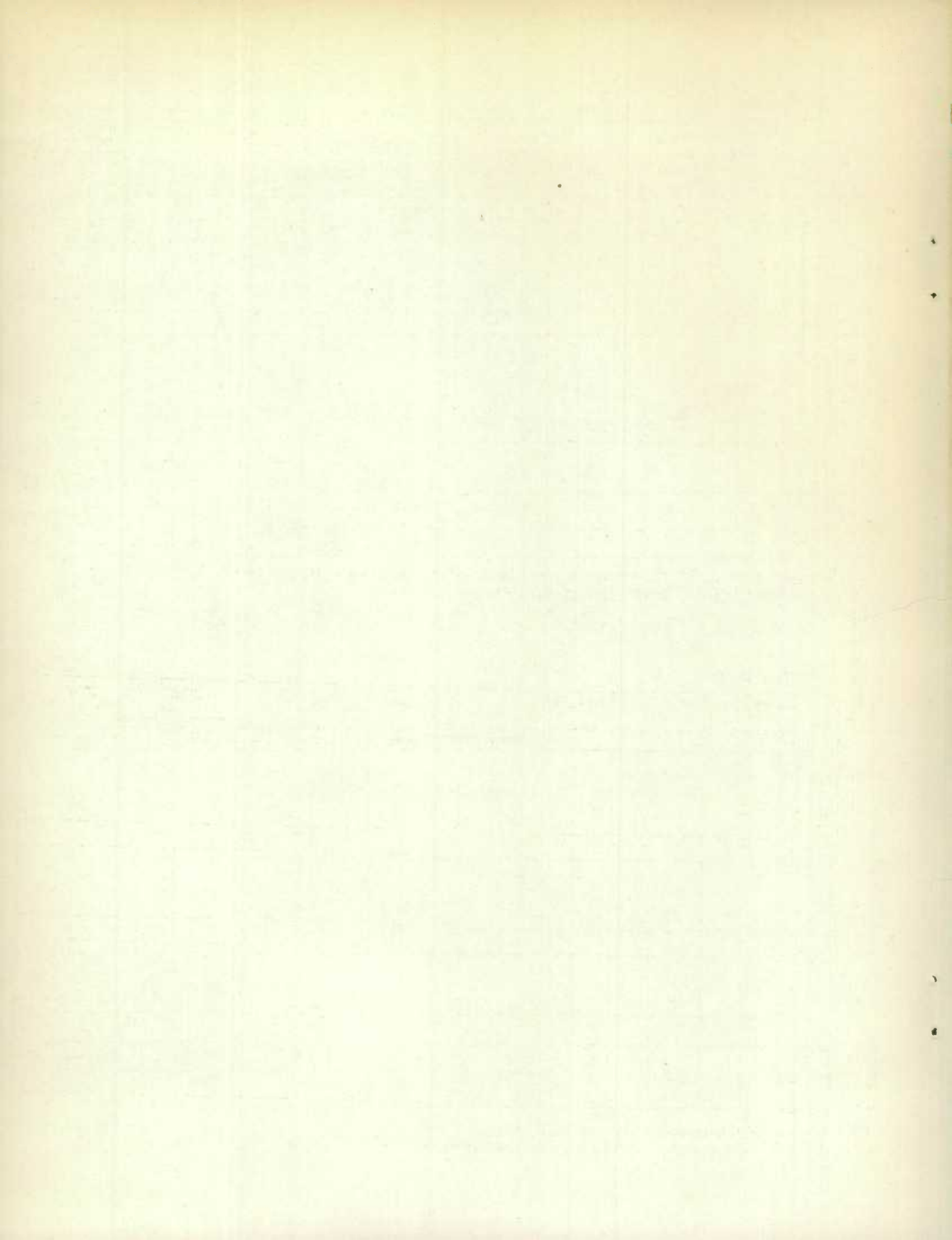
	U. S. to Canada		Total		Grand Total		Compared with 1949	
	Up	Down	Up	Down	1950	1949	Increase	Decrease
1.	-	-	227	278	1/2/ 505	615		110
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	-	-	2	-	2	1	1	
3.	-	-	1	-	1	3		2
4.	-	-	24	14	38	32	6	
5.	-	-	7	5	12	11	1	
6.	-	-	34	19	53	47	6	
7.	-	-	-	37	37	-	37	
8.	-	-	-	-	-	1		1
9.	-	-	153	15	168	156	12	
10.	-	-	-	24	24	-	24	
11.	-	-	153	76	229	157	72	
12.	-	-	93	-	93	40	53	
13.	-	-	77	724	801	887		86
14.	-	-	170	724	894	927		33
15.	-	-	16	23	39	32	7	
16.	-	-	373	842	1,215	1,163	52	

- 1/ Exclusive of 17,213 passengers on sight-seeing pleasure boat cruises.
 2/ Exclusive of 50,099 passengers on pleasure crafts.

CANAL during 1950 ^x

	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
1.	-	-	-	10	10	-	10	
2.	-	-	-	10	10	-	10	
3.	-	-	17	62	79	-	79	
4.	-	-	12	20	32	-	32	
5.	-	-	49	-	49	-	49	
6.	-	-	1	16	17	-	17	
7.	-	-	79	98	177	-	177	
8.	-	-	5	40	45	-	45	
9.	-	-	8	56	64	-	64	
10.	-	-	31	2	33	-	33	
11.	-	-	44	98	142	-	142	
12.	-	-	-	6	6	-	6	
13.	-	-	3	-	3	-	3	
14.	-	-	3	6	9	-	9	
15.	-	-	103	161	264	418		154
16.	-	-	229	373	602	418	184	

x - 62,421 passengers carried in small boats.
 One passenger through one lock recorded as "1".



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