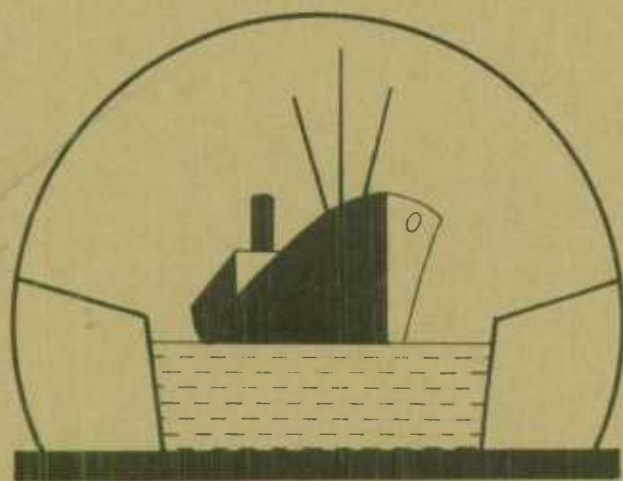


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GOVERNMENT OF CANADA



**CANAL STATISTICS**  
**1951**

**D.B.S.**  
PUBLICATION





5-4-201

DOMINION BUREAU OF STATISTICS

Department of Trade and Commerce

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# CANAL STATISTICS

FOR THE YEAR ENDED

DECEMBER 31

1951

Prepared in collaboration with the Canal Administration,  
Department of Transport

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*Published by Authority of the Rt. Hon. C. D. Howe*  
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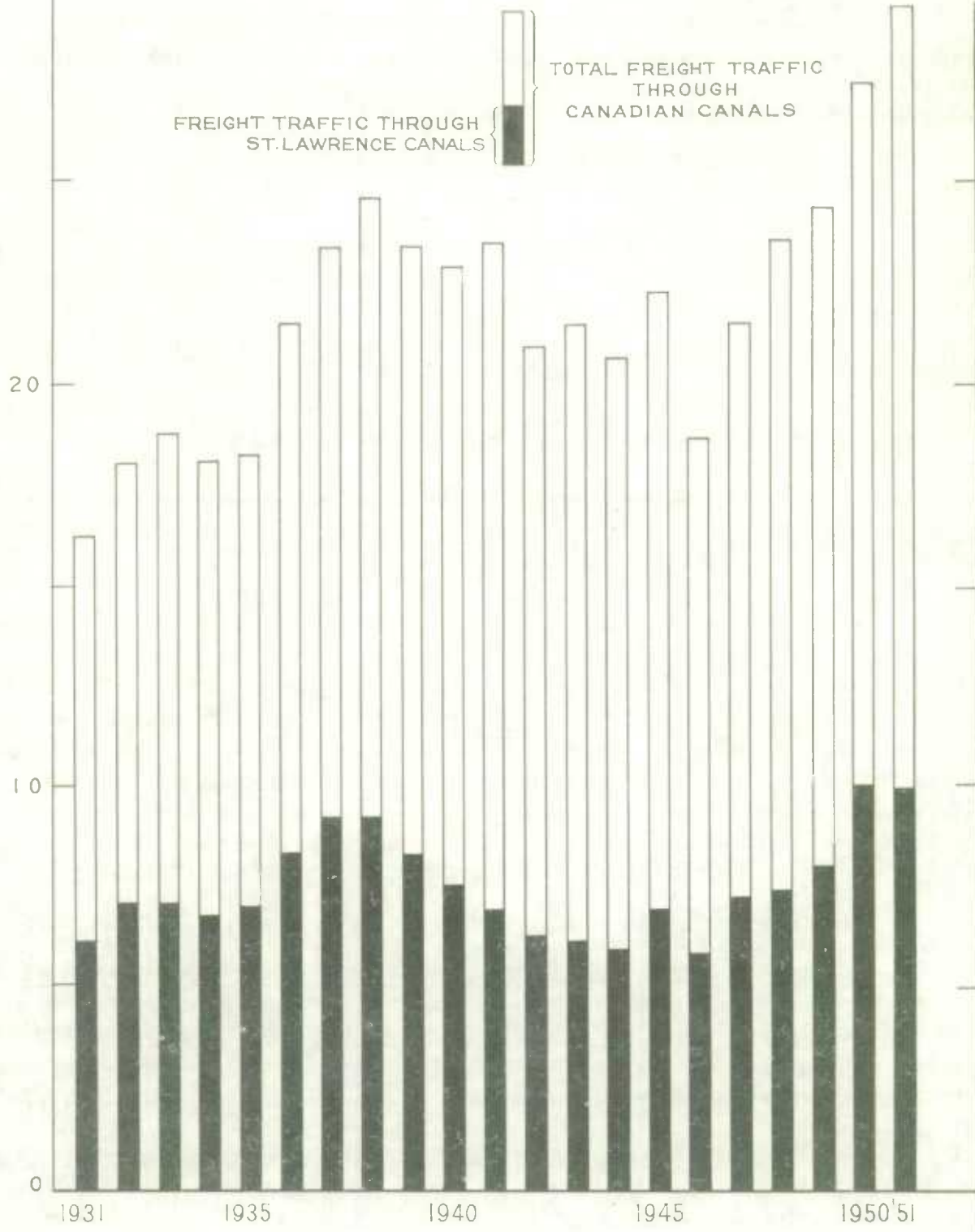
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# TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS 1931 - 1951

MILLION TONS

30



CANAL STATISTICS

1951

Canal Traffic Continued Heavier in 1951

The tonnage of freight locked through Canadian canals during the 1951 season of navigation advanced to a new modern peak of 29,325,034 tons, an increase of 1,885,958 tons or 6.9 p.c. over the previous record posted in 1950. This is by far the heaviest volume since 1914 when considerable freight was diverted through the Canadian Sault lock to accommodate construction under-way on the American side. Twenty-three of the forty-one commodity groups listed registered increased tonnage over the 1950 totals.

Navigation opened at the Canadian Sault on April 30th, a week later than in 1950 and closed on December 13th, two days earlier. The American locks, however, were in service from April 2nd to December 14th. The Welland opened a day earlier on March 29th and closed the same day as in 1950, namely December 20th, while the St. Lawrence opening April 8th and closing December 9th operated 246 days compared with 249 days in 1950. The minor canals provided longer overall service during 1951 with the Trent curtailed and the St. Andrews increased following repairs. A highlight of the shipping year was the necessity of appointing on August 30th a Transport Controller to allocate vessels for the movement of bulk commodities in anticipation of the heavy western grain harvest which, however, due to adverse weather was not quite as burdensome as expected on transportation facilities. With considerable grain at the Head of the Lakes, and large quantities of crude oil and iron ore to be moved, the current season is promising.

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. The total movement during 1951 amounted to 591,442 against 542,803 tons in 1950 and 719,674 tons in 1949. Traffic using the St. Lawrence only was little changed from the preceding year and grossed 5,256,275 tons. Similarly, the combination of the St. Lawrence and Welland Ship Canals showed 3,797,359 tons, off from 3,871,269 tons in 1950. Vessels moving between Lake Superior and Lake Ontario carried 3,968,414 tons, up 36.4 p.c. or 1,059,247 tons over the corresponding movement during the previous season of navigation.

From this analysis it can be readily ascertained through 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 listed in Table 2, there were 25,548 vessels locked through the Canadian canals during 1951, an increase of 1,128 or 4.6 p.c. over the previous year and the largest

number since 1942. The number of Canadian vessels passing rose from 21,179 to 22,141, United States bottoms from 2,785 to 2,993, while other foreign vessels numbered 42 fewer than in 1950 at 414. The net tonnage of the vessels reached 27,249,140 tons, up from 25,503,465 tons in the previous year, a gain of 1,745,675 tons or nearly 7 p.c.

Passenger traffic on the larger vessels registered a revival and totalled 93,512 for the year compared with 64,255 in 1950 but the increase was confined mainly to the Sault where the total was 88,153 against 56,765 one year earlier. The St. Lawrence for the first time in its history reported no passenger traffic on lake vessels. There had been only 28 shown for 1950 against 13,328 in 1949 and 12,417 in 1948. The Seaway may make it feasible to restore this scenic service as a tourist attraction. However, in addition to the above passengers on scheduled lines, there were thousands of small pleasure craft, both American and Canadian, locked through the various canals during the year under review.

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 1951 was 146,588,204 tons as compared with 131,333,875 tons in 1950, an increase of 15,254,329 tons or 11.6 per cent. The above totals include traffic using more than one canal. Of the 29,325,034 tons of freight passing through Canadian canals only during 1951, 25,559,070 tons or 87.2 per cent was transported in Canadian bottoms (Table 3). At the Canadian Sault Ste. Marie canal, domestic vessels carried 95.3 per cent of the 2,805,392 tons transported. At the Welland Ship Canal the percentage was 79.4 and through the St. Lawrence, 97.0 per cent. Domestic vessels carried practically all freight passing through the smaller canals.

As shown in Table 10, nearly 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. The number of foreign vessels (other than U. S.), and the amount of freight carried by them, was little changed from the previous year. In 1951, 115 foreign vessels carried 144,280 tons of freight through to Great Lakes ports as compared to 108 vessels transporting 146,946 tons in 1950. Vessels of Norwegian, Dutch, Swedish and British registry predominated, although German vessels appeared for the first time in several years. The outward movement in the same category showed 107 vessels of foreign registry carrying 130,261 tons of cargo compared to 94 vessels with 109,554 tons of cargo during the 1950 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 canal 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.

Previous to 1940, vessels of Canadian and British registry were shown under "Canadian" in the tables and all other vessels were shown under "United States". 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, 1951, on the Canadian canal systems indicates a gross outlay of some \$383.6 millions on construction, repair and maintenance. With an operating credit of \$40.9 millions, the grand total net expenditures were some \$342.7 millions. The Welland Canal has required an investment 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 1931 to 1951.

Total traffic on all canals rose from 16.2 million tons in 1931 to a record 29.3 million tons in 1951, an increase of 81.1 per cent. Shipments through the St. Lawrence canals generally follow the trend for all canals and weighed nearly 10 million tons in 1951. Freight shipped through the St. Lawrence represented 37.3 per cent of total canal freight in 1931, 29.5 per cent in 1941 and 33.8 per cent in 1951.

CANADIAN CANAL TRAFFIC, 1951

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 1951	Total 1950
Ottawa only	-	14,700	14,700	27,762
Richelieu only	75,126	10,277	85,403	88,885
St. Lawrence and Ottawa	1,250	257,800	259,050	263,381
St. Lawrence, Ottawa & Richelieu	(1) -	(2) 3,421	3,421	3,461
St. Lawrence & Richelieu	(1) 9,310	(2) -	9,310	13,027
St. Lawrence only	2,512,772	2,743,503	5,256,275	5,275,330
St. Lawrence & Welland Ship	1,309,450	2,487,909	3,797,359	3,871,269
St. Lawrence, Welland Ship & Sault Ste. Marie	213,769	377,673	591,442	542,803
Welland Ship only	918,312	6,922,397	7,840,709	7,417,334
Welland Ship & Sault Ste. Marie	310,908	3,657,506	3,968,414	2,909,167
Sault Ste. Marie only (Canadian & U.S.) (3)	13,814,344	101,708,128	115,522,472	102,743,768
Rideau	315	883	1,198	1,215
Trent	132	222	354	602
Murray	975	2,358	3,333	2,969
St. Andrew's	10,421	6,072	16,493	14,901
St. Peter's	3,143	5,035	8,178	7,805
<b>Total</b>	<b>19,180,227</b>	<b>118,197,884</b>	<b>137,378,111</b>	<b>123,183,679</b>

∕ Duplications 594,863 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 31.0 ft.

TABLE 2

TOTAL TRAFFIC THROUGH THE

		Sault Ste. Marie	Welland Ship	St. Lawrence River	Ottawa River	Rideau	
1.	Canadian Vessels .....	No. 3,251	6,088	9,329	1,102	159	
2.	United States " .....	1,015	1,827	97	-	16	
3.	Other Foreign " .....	12	198	204	-	-	
4.	Total Vessels .....	4,278	8,113	9,630	1,102	175	
5.	Passengers .....	88,153	1,939	-	-	834	
		Tons	Tons	Tons	Tons	Tons	
6.	Canadian Vessels - Steam .....	3,228,582	10,769,483	7,622,910	18,287	2,509	
7.	Canadian Vessels - Sail † .....	309,036	169,385	299,667	304,577	2,653	
8.	United States " - Steam .....	619,021	2,823,617	71,253	-	198	
9.	United States " - Sail † .....	4,856	465,163	-	-	-	
10.	Other Foreign " .....	9,442	149,072	151,458	-	-	
11.	Total Vessels .....	4,170,937	14,376,720	8,145,288	322,864	5,360	
	<b>AGRICULTURAL PRODUCTS</b>						
12.	Barley .....	227,128	558,256	471,069	-	-	
13.	Corn .....	10,582	231,190	157,836	-	-	
14.	Oats .....	213,542	103,344	38,570	-	-	
15.	Rye .....	23,727	134,604	61,091	-	-	
16.	Flaxseed .....	61,505	85,555	54,162	-	-	
17.	Wheat .....	471,777	2,808,478	1,847,430	-	-	
18.	Other Grains .....	1,956	189,515	45,948	-	-	
19.	Flour .....	89,654	7,242	17,507	-	-	
20.	Hay and Straw .....	-	-	-	-	-	
21.	Other Mill Products .....	103,080	-	-	-	-	
22.	Fruit and Vegetables .....	-	-	-	-	-	
23.	Potatoes .....	-	-	-	-	-	
24.	Total .....	1,202,951	4,118,184	2,693,613	-	-	
	<b>ANIMAL PRODUCTS</b>						
25.	Fish .....	159	300	300	-	-	
26.	Dressed Meats .....	-	-	-	-	-	
27.	Other Packing-house Products .....	-	-	-	-	-	
28.	All other Animal Products .....	-	-	1,312	-	-	
29.	Total .....	159	300	1,612	-	-	
	<b>MANUFACTURES AND MISCELLANEOUS</b>						
30.	Gasoline .....	234,660	1,125,608	1,108,151	-	3	
31.	Petroleum and other Oils .....	187,094	1,641,382	1,048,325	-	3	
32.	Agricultural Implements .....	1,755	889	-	-	-	
33.	Cement, Brick and Plaster .....	-	68,717	705	-	42	
34.	Iron, Pig and Bloom .....	81,493	21,115	85	-	-	
35.	Iron and Steel, Other .....	16,204	54,252	14,736	-	13	
36.	Sugar .....	891	31,878	14,924	-	-	
37.	Salt .....	2,846	92,667	79,727	-	-	
38.	Beverages .....	-	-	-	-	-	
39.	Autos and Parts .....	7,148	1,218	5,540	-	-	
40.	Paper .....	108,743	342,193	184,910	3,421	-	
41.	Wood pulp .....	51,340	33,933	36,432	-	-	
42.	Total .....	692,174	3,413,852	2,493,535	3,421	61	
	<b>FOREST PRODUCTS</b>						
43.	Pulpwood .....	187,550	611,353	761,314	-	-	
44.	Logs, Posts, Poles, Piling .....	2,304	534	-	-	-	
45.	Firewood .....	-	-	-	-	-	
46.	Lumber, Mill, Cooperage Stock .....	50	2,074	33,201	-	243	
47.	Other Forest Products .....	-	-	-	-	30	
48.	Total .....	189,904	613,961	794,515	-	273	
	<b>MINE PRODUCTS</b>						
49.	Hard Coal .....	13,402	41,353	13,069	-	-	
50.	Soft Coal .....	251,016	4,800,330	2,355,963	1,250	40	
51.	Coke .....	6,148	12,362	9,512	-	-	
52.	Copper Ore .....	-	-	-	-	-	
53.	Iron Ore .....	5,200	1,981,239	204,009	-	-	
54.	Other Ore .....	1,100	177,943	138,499	-	-	
55.	Sand, Gravel and Stone .....	43,830	376,754	304,729	272,500	690	
56.	Total .....	320,696	7,389,981	3,035,781	273,750	730	
57.	All other Freight .....	399,508	661,646	897,801	-	134	
58.	GRAND TOTAL .....	2,805,392	16,197,924	9,916,857	277,171	1,198	

† Includes unrigged vessels.

‡ Net registered tons of vessels and tons (2,000 lbs.) of cargoes.

CANADIAN CANALS DURING 1951

	Richelieu River	Trent	Murray	St. Andrew's	St. Peter's	Total	Compared with 1950	
							Increase	Decrease
1.	698	52	70	692	700	22,141	962	
2.	21	1	4	-	12	2,993	208	
3.	-	-	-	-	-	414		42
4.	719	53	74	692	712	25,548	1,128	
5.	-	-	-	2,408	178	93,512	29,257	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
6.	58,081	628	32,391	52,995	19,045	21,804,911	1,018,399	
7.	44,068	157	859	13,389	2,766	1,146,557		56,194
8.	436	93	238	-	271	3,515,127	805,505	
9.	-	-	2,554	-	-	472,573	6,629	
10.	-	-	-	-	-	309,972		28,664
11.	102,585	878	36,042	66,384	22,082	27,249,140	1,745,675	
12.	-	-	-	-	-	1,256,453	574,815	
13.	-	-	-	-	-	399,608		816,840
14.	-	2	-	5	8	355,471		26,420
15.	-	-	-	-	-	219,422	185,492	
16.	-	-	-	-	-	201,222		128,193
17.	-	-	-	-	-	5,127,685	534,408	
18.	-	-	-	-	-	237,419	118,575	
19.	-	-	-	165	28	114,596	9,948	
20.	-	8	-	187	15	210	19	
21.	-	-	-	-	18	103,098	8,793	
22.	-	-	-	58	201	259	101	
23.	-	3	-	-	1,834	1,837		185
24.	-	13	-	415	2,104	8,017,280	460,513	
25.	-	-	-	3,553	634	4,946	564	
26.	-	-	-	25	2	27	9	
27.	-	-	-	-	7	7	7	
28.	-	-	-	11	56	1,379		2,778
29.	-	-	-	3,599	699	6,359		2,198
30.	-	62	-	1,091	340	2,469,915	535,138	
31.	160	29	3,258	267	-	2,880,518	282,008	
32.	-	-	-	-	-	2,544		3,542
33.	-	-	-	199	32	69,695		8,702
34.	-	-	-	-	-	102,693	29,601	
35.	-	-	-	551	53	85,809		48,334
36.	-	-	-	-	-	47,693		70,730
37.	-	-	-	-	111	175,351	17,493	
38.	-	-	-	170	-	170		575
39.	-	-	-	57	-	13,963		6,419
40.	27,672	-	-	-	-	666,939	43,365	
41.	-	-	-	-	-	121,705		24,983
42.	27,832	91	3,258	2,335	536	6,637,095	744,320	
43.	-	-	-	-	1,300	1,561,517	221,200	
44.	-	-	-	-	20	2,858	2,176	
45.	-	83	-	92	2	177	29	
46.	-	-	-	6,086	166	41,820		10,016
47.	-	-	-	-	-	30		2,944
48.	-	83	-	6,178	1,488	1,606,402	210,445	
49.	225	-	-	-	-	68,049		46,189
50.	180	-	-	90	2,304	7,421,173		59,791
51.	-	-	-	-	242	28,264		54,981
52.	-	-	-	-	-	-		
53.	-	-	-	-	-	2,190,448	459,576	
54.	-	-	-	-	-	317,542	61,764	
55.	-	-	-	220	4	998,727	107,927	
56.	405	-	-	310	2,550	11,024,203	468,306	
57.	69,897	167	75	3,666	801	2,033,695	4,572	
58.	98,134	354	3,333	16,493	8,178	29,325,034	1,885,958	

TABLE 3

TOTAL FREIGHT USING

Canal	Total	Total	Grand Total	Transported in	
	Up	Down		Canadian Vessels	
	Tons	Tons	Tons	Tons	P. C. of Total
Sault Ste. Marie .....	1,010,371	1,795,021	2,805,392	2,672,588	95.3
Welland Ship .....	2,752,439	13,445,485	16,197,924	12,868,505	79.4
St. Lawrence .....	4,046,551	5,870,306	9,916,857	9,614,418	97.0
Ottawa River .....	1,250	275,921	277,171	277,171	100.0
Rideau .....	515	883	1,198	1,198	100.0
Richelieu River .....	78,547	19,587	98,134	98,134	100.0
Trent .....	152	222	354	354	100.0
Murray .....	975	2,358	3,333	2,433	73.0
St. Andrew's .....	10,421	6,072	16,493	16,493	100.0
St. Peter's .....	3,143	5,055	8,178	8,178	100.0
Total Canadian Canals .....	7,904,144	21,420,890	29,325,034	25,559,070	87.2
Sault Ste. Marie - Canadian and United States (x) .....	14,338,741	105,729,821	120,068,562	(1)	(1)

(x) From United States Official Report.

(1) Figures from United States Report not available.

TABLE 4

SEASON OF NAVIGATION, 1951

Canals	First Vessel Passage	Last Vessel Passage	Number of Days Used
Sault Ste. Marie .....	April 30	December 15	228
Welland Ship .....	March 29	December 20	267
St. Lawrence .....	April 8	December 9	246
Richelieu River .....	April 18	November 29	226
St. Peter's .....	April 25	January 10	263
Murray .....	April 16	November 20	219
Ottawa River .....	April 24	November 28	219
Rideau .....	May 1	November 22	206
Trent .....	May 23	November 13	175
St. Andrews .....	June 11	November 1	144

CANADIAN CANALS DURING 1951

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
133,004	4.7	584,009	1,154,509	5,555	518,864	92,465	8,158	328,546	113,710
3,329,621	20.6	1,251,966	4,080,724	882,797	75,000	575,226	1,054,177	42,450	8,255,584
302,459	3.0	2,916,893	3,132,872	991,557	25,714	103,260	93,598	35,041	2,620,122
-	-	1,250	272,500	-	3,421	-	-	-	-
-	-	515	885	-	-	-	-	-	-
-	-	50,875	3,310	27,672	-	-	-	-	16,277
-	-	152	222	-	-	-	-	-	-
900	27.0	975	-	-	-	-	-	-	2,358
-	-	10,421	6,072	-	-	-	-	-	-
-	-	3,143	5,055	-	-	-	-	-	-
5,765,964	12.8	4,819,979	8,655,927	1,907,379	620,999	770,949	1,135,913	405,837	11,008,051
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

TABLE 5

CANALS OF CANADA

Name	Location		Length in Miles	LOCKS			
				Number	Minimum Dimensions in Feet		
	From	To			Length	Width	Depth
Sault Ste. Marie Welland Ship	St. Mary's Rapids	Sault Ste. Marie	1.58	1	900	60	18.25
	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	45.67	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	7.56	5	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	0.50	1	300	48	19 (4)
Murray	Isthmus of Murray	Cape Breton, N.S. Bay of Quinte	5.15	None	-	-	11 (5)
<u>Ottawa River</u>							
Ste. Anne	Junction of St. Lawrence and Ottawa River		0.12	1	200	45	9
Carillon	Carillon Rapide	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	53	5
	Rideau Lake to	Perth (Tay Branch)	6.50	2	134	53	5
Trent	Trenton	Peterborough Lock	88.74	18	175	53	6
	Peterborough Lock	Swift Rapids	135.71	24	134	55	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
	Lindsey	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, 1951

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.	1,292	1,127	56	234	3	-
2.	Canadian Vessels - Sail	"	125	97	1	27	-	-
3.	United States " - Steam	"	4	-	1	39	466	459
4.	United States " - Sail	"	-	-	1	1	10	13
5.	Other Foreign "	"	-	2	-	1	4	1
6.	Total	"	1,421	1,226	59	302	483	473
7.	Canadian Vessels - Steam	Tons	1,394,258	1,015,075	152,284	277,807	7,271	-
8.	Canadian Vessels - Sail	"	114,910	43,303	3,963	70,175	-	-
9.	United States " - Steam	"	3,700	-	2,537	53,778	333,174	210,327
10.	United States " - Sail	"	-	-	101	1,612	542	888
11.	Other Foreign "	"	-	1,696	-	843	3,025	738
12.	Total	"	1,512,868	1,060,074	158,885	404,215	344,012	211,953
<u>WELLAND SHIP CANAL - THROUGH &amp; WAY</u>								
13.	Canadian Vessels - Steam	No.	1,444	1,515	1,544	47	4	9
14.	Canadian Vessels - Sail	"	73	80	9	4	-	-
15.	United States " - Steam	"	9	2	286	25	408	384
16.	United States " - Sail	"	-	1	22	24	175	156
17.	Other Foreign "	"	-	4	-	1	97	85
18.	Total	"	1,526	1,602	1,861	101	684	634
19.	Canadian Vessels - Steam	Tons	1,982,702	2,155,908	3,460,322	50,631	2,699	16,342
20.	Canadian Vessels - Sail	"	52,637	82,503	27,251	2,660	-	-
21.	United States " - Steam	"	17,690	1,031	983,769	24,690	434,799	419,699
22.	United States " - Sail	"	-	1,276	21,008	22,613	195,281	177,091
23.	Other Foreign "	"	-	2,759	-	698	72,299	64,558
24.	Total	"	2,053,029	2,243,477	4,492,250	101,292	705,078	677,690
<u>WELLAND SHIP CANAL - THROUGH</u>								
25.	Canadian Vessels - Steam	No.	926	1,152	1,352	1	4	9
26.	Canadian Vessels - Sail	"	13	11	-	-	-	-
27.	United States " - Steam	"	5	-	264	8	408	384
28.	United States " - Sail	"	-	-	17	-	175	156
29.	Other Foreign "	"	-	4	-	1	97	85
30.	Total	"	944	1,167	1,633	10	684	634
31.	Canadian Vessels - Steam	Tons	1,420,794	1,758,495	3,101,452	1,147	2,699	16,342
32.	Canadian Vessels - Sail	"	2,695	3,193	-	-	-	-
33.	United States " - Steam	"	5,569	-	898,237	21,224	434,799	419,699
34.	United States " - Sail	"	-	-	16,690	-	195,281	177,091
35.	Other Foreign "	"	-	2,759	-	698	72,299	64,558
36.	Total	"	1,429,058	1,764,447	4,016,379	23,059	705,078	677,690
<u>WELLAND SHIP CANAL - WAY</u>								
37.	Canadian Vessels - Steam	No.	518	363	192	46	-	-
38.	Canadian Vessels - Sail	"	60	69	9	4	-	-
39.	United States " - Steam	"	4	2	22	17	-	-
40.	United States " - Sail	"	-	1	5	24	-	-
41.	Other Foreign "	"	-	-	-	-	-	-
42.	Total	"	582	435	228	91	-	-
43.	Canadian Vessels - Steam	Tons	561,908	397,413	368,870	49,484	-	-
44.	Canadian Vessels - Sail	"	49,942	79,310	27,251	2,660	-	-
45.	United States " - Steam	"	12,121	1,031	85,532	3,466	-	-
46.	United States " - Sail	"	-	1,276	4,318	22,613	-	-
47.	Other Foreign "	"	-	-	-	-	-	-
48.	Total	"	623,971	479,030	475,971	78,223	-	-



VESSELS USING CANADIAN CANALS, 1951  
NUMBER AND NET REGISTERED TONS

	U. S. to Canada		Total		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	225	35	1,576	1,396	2,972	2,461	511	
2.	27	2	153	126	279	233	46	
3.	18	1	489	499	988	947	41	
4.	1	1	12	15	27	8	19	
5.	2	2	6	6	12	17		5
6.	273	41	2,236	2,042	4,278	3,666	612	
7.	331,113	50,774	1,884,926	1,343,656	3,228,582	2,654,726	573,856	
8.	70,435	6,250	189,308	119,728	309,036	305,941	3,095	
9.	12,739	2,766	352,150	266,871	619,021	567,867	51,154	
10.	1,612	101	2,255	2,601	4,856	2,060	2,796	
11.	1,696	1,444	4,721	4,721	9,442	13,600		4,158
12.	417,595	61,335	2,433,360	1,737,577	4,170,937	3,544,194	626,743	
13.	13	1,342	3,005	2,913	5,918	5,411	507	
14.	2	2	84	86	170	93	77	
15.	19	266	722	677	1,399	1,258	141	
16.	25	25	222	206	428	458		30
17.	2	9	99	99	198	216		18
18.	61	1,644	4,132	3,981	8,113	7,436	677	
19.	7,962	3,092,917	5,453,685	5,315,798	10,769,483	10,224,716	544,767	
20.	1,330	3,004	81,218	88,167	169,385	202,469		33,084
21.	4,017	937,922	1,440,275	1,383,342	2,823,617	2,108,542	715,075	
22.	24,466	23,428	240,755	224,408	465,163	462,680	2,483	
23.	1,306	7,452	73,605	75,467	149,072	161,035		11,963
24.	39,081	4,064,723	7,289,538	7,087,182	14,376,720	13,159,442	1,217,278	
25.	3	1,217	2,285	2,379	4,664	4,365	299	
26.	-	1	13	12	25	43		18
27.	3	244	680	636	1,316	1,151	165	
28.	1	18	193	174	367	405		38
29.	2	9	99	99	198	204		6
30.	9	1,489	3,270	3,300	6,570	6,168	402	
31.	3,893	2,886,645	4,528,838	4,662,629	9,191,467	8,762,840	428,627	
32.	-	1	2,695	3,194	5,889	94,554		88,665
33.	2,790	857,896	1,341,395	1,298,819	2,640,214	1,896,689	743,525	
34.	1,278	18,380	213,249	195,471	408,720	425,173		16,453
35.	1,306	7,452	73,605	75,467	149,072	152,441		3,369
36.	9,267	3,770,374	6,159,782	6,235,580	12,395,362	11,331,697	1,063,665	
37.	10	125	720	534	1,254	1,046	208	
38.	2	1	71	74	145	50	95	
39.	16	22	42	41	83	107		24
40.	24	7	29	32	61	53	8	
41.	-	-	-	-	-	12		12
42.	52	155	862	681	1,543	1,268	275	
43.	4,069	206,272	924,847	653,169	1,578,016	1,461,876	116,140	
44.	1,330	3,003	78,523	84,973	163,496	107,915	55,581	
45.	1,227	80,026	98,880	84,523	183,403	211,853		28,450
46.	23,188	5,048	27,506	28,937	56,443	37,507	18,936	
47.	-	-	-	-	-	8,594		8,594
48.	29,814	294,349	1,129,756	851,602	1,981,358	1,827,745	153,613	

TABLE 6 (Continued)

VESSELS USING CANADIAN CANALS, 1951

NUMBER AND NET REGISTERED TONS

		Canada to Canada		Canada to U. S.		U. S. to U. S.		
		Up	Down	Up	Down	Up	Down	
<b>ST. LAWRENCE RIVER CANALS - THROUGH &amp; WAY</b>								
1.	Canadian Vessels - Steam	No.	2,996	3,137	1,191	21	43	-
2.	Canadian Vessels - Sail	"	392	383	-	-	-	-
3.	United States " - Steam	"	36	36	-	3	9	2
4.	United States " - Sail	"	-	-	-	-	-	-
5.	Other Foreign Vessels	"	-	4	-	3	97	92
6.	Total	"	3,424	3,560	1,191	27	149	94
7.	Canadian Vessels - Steam	Tons	2,454,615	2,567,435	1,317,920	3,180	50,700	-
8.	Canadian Vessels - Sail	"	151,681	147,986	-	-	-	-
9.	United States " - Steam	"	32,375	33,297	-	164	2,423	850
10.	United States " - Sail	"	-	-	-	-	-	-
11.	Other Foreign "	"	-	2,851	-	1,602	71,841	69,936
12.	Total	"	2,638,671	2,751,569	1,317,920	4,946	124,964	70,786
<b>ST. LAWRENCE RIVER CANALS - THROUGH</b>								
13.	Canadian Vessels - Steam	No.	1,986	2,113	1,002	-	-	-
14.	Canadian Vessels - Sail	"	12	7	-	-	-	-
15.	United States " - Steam	"	34	35	-	-	8	1
16.	United States " - Sail	"	-	-	-	-	-	-
17.	Other Foreign "	"	-	3	-	3	97	92
18.	Total	"	2,032	2,158	1,002	3	105	93
19.	Canadian Vessels - Steam	Tons	2,233,591	2,385,782	1,093,809	-	-	-
20.	Canadian Vessels - Sail	"	3,662	1,667	-	-	-	-
21.	United States " - Steam	"	32,334	33,285	-	-	2,073	500
22.	United States " - Sail	"	-	-	-	-	-	-
23.	Other Foreign "	"	-	2,132	-	1,602	71,841	69,936
24.	Total	"	2,269,587	2,422,866	1,093,809	1,602	73,914	70,436
<b>ST. LAWRENCE RIVER CANALS - WAY</b>								
25.	Canadian Vessels - Steam	No.	1,010	1,024	189	21	43	-
26.	Canadian Vessels - Sail	"	380	376	-	-	-	-
27.	United States " - Steam	"	2	1	-	3	1	1
28.	United States " - Sail	"	-	-	-	-	-	-
29.	Other Foreign "	"	-	1	-	-	-	-
30.	Total	"	1,392	1,402	189	24	44	1
31.	Canadian Vessels - Steam	Tons	221,024	181,653	224,111	3,180	50,700	-
32.	Canadian Vessels - Sail	"	148,019	146,319	-	-	-	-
33.	United States " - Steam	"	41	12	-	164	350	350
34.	United States " - Sail	"	-	-	-	-	-	-
35.	Other Foreign "	"	-	719	-	-	-	-
36.	Total	"	369,084	328,703	224,111	3,344	51,050	350
<b>RICHELIEU RIVER CANAL</b>								
37.	Canadian Vessels - Steam	No.	83	135	139	-	-	-
38.	Canadian Vessels - Sail	"	126	125	-	-	-	-
39.	United States " - Steam	"	1	5	10	-	-	-
40.	Other Foreign Vessels	"	-	-	-	-	-	-
41.	Total	"	210	265	149	-	-	-
42.	Canadian Vessels - Steam	Tons	3,790	12,380	25,218	-	-	-
43.	Canadian Vessels - Sail	"	22,175	21,893	-	-	-	-
44.	United States " - Steam	"	23	123	199	-	-	-
45.	Other Foreign "	"	-	-	-	-	-	-
46.	Total	"	25,988	34,396	25,417	-	-	-

VESSELS USING CANADIAN CANALS, 1951  
NUMBER AND NET REGISTERED TONS

	U. S. to Canada		Total		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	64	1,102	4,294	4,260	8,554	9,073		519
2.	-	-	392	383	775	783		8
3.	-	11	45	52	97	68	29	
4.	-	-	-	-	-	-		
5.	4	4	101	103	204	223		19
6.	68	1,117	4,832	4,798	9,630	10,147		517
7.	18,007	1,211,053	3,841,242	3,781,668	7,622,910	7,735,432		112,522
8.	-	-	151,681	147,986	299,667	301,757		2,090
9.	-	2,144	34,798	36,455	71,253	32,282	38,971	
10.	-	-	-	-	-	-		
11.	2,210	3,018	74,051	77,407	151,458	164,001		12,543
12.	20,217	1,216,215	4,101,772	4,043,516	8,145,288	8,233,472		88,184
13.	2	942	2,990	3,055	6,045	6,103		58
14.	-	-	12	7	19	9	10	
15.	-	11	42	47	89	58	31	
16.	-	-	-	-	-	-		
17.	4	4	101	102	203	221		18
18.	6	957	3,145	3,211	6,356	6,391		35
19.	1,099	1,017,481	3,328,499	3,403,263	6,731,762	6,777,179		45,417
20.	-	-	3,662	1,667	5,329	3,266	2,063	
21.	-	2,144	34,407	35,929	70,336	31,083	39,253	
22.	-	-	-	-	-	-		
23.	2,210	3,018	74,051	76,688	150,739	162,573		11,834
24.	3,309	1,022,643	3,440,619	3,517,547	6,958,166	6,974,101		15,935
25.	62	160	1,304	1,205	2,509	2,970		461
26.	-	-	380	376	756	774		18
27.	-	-	3	5	8	10		2
28.	-	-	-	-	-	-		
29.	-	-	-	1	1	2		1
30:	62	160	1,687	1,587	3,274	3,756		482
31.	16,908	193,572	512,743	378,405	891,148	958,253		67,105
32.	-	-	148,019	146,319	294,338	298,491		4,153
33.	-	-	391	526	917	1,199		282
34.	-	-	-	-	-	-		
35.	-	-	-	719	719	1,428		709
36.	16,908	193,572	661,153	525,969	1,187,122	1,259,371		72,249
37.	-	90	222	225	447	387	60	
38.	-	-	126	125	251	286		35
39.	-	5	11	10	21	19	2	
40.	-	-	-	-	-	-		
41.	-	95	359	360	719	692	27	
42.	-	16,693	29,008	29,073	58,081	55,118	2,963	
43.	-	-	22,175	21,893	44,068	49,014		4,946
44.	-	91	222	214	436	394	42	
45.	-	-	-	-	-	-		
46.	-	16,784	51,405	51,180	102,585	104,526		1,941

TABLE 6 (Concluded)

VESSELS USING CANADIAN CANALS, 1951

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	169	-	16	-	-
2.	Canadian Vessels - Sail	"	374	370	-	-	-	-
3.	Total	"	546	539	-	16	-	-
4.	Canadian Vessels - Steam	Tons	7,756	7,233	-	3,104	-	-
5.	Canadian Vessels - Sail	"	152,739	151,838	-	-	-	-
6.	Total	"	160,495	159,071	-	3,104	-	-
<u>ST. PETER'S CANAL</u>								
7.	Canadian Vessels - Steam	No.	318	357	-	1	-	-
8.	Canadian Vessels - Sail	"	8	16	-	-	-	-
9.	United States " - Steam	"	3	4	-	2	-	-
10.	United States " - Sail	"	-	-	-	-	-	-
11.	Total	"	329	377	-	3	-	-
12.	Canadian Vessels - Steam	Tons	9,334	9,693	-	18	-	-
13.	Canadian Vessels - Sail	"	651	2,115	-	-	-	-
14.	United States " - Steam	"	75	83	-	28	-	-
15.	United States " - Sail	"	-	-	-	-	-	-
16.	Total	"	10,060	11,891	-	46	-	-
<u>MURRAY CANAL</u>								
17.	Canadian Vessels - Steam	No.	6	4	55	-	-	-
18.	Canadian Vessels - Sail	"	4	1	-	-	-	-
19.	United States " - Steam	"	1	-	-	-	-	-
20.	United States " - Sail	"	1	-	-	-	-	-
21.	Total	"	12	5	55	-	-	-
22.	Canadian Vessels - Steam	Tons	451	535	31,405	-	-	-
23.	Canadian Vessels - Sail	"	626	233	-	-	-	-
24.	United States " - Steam	"	119	-	-	-	-	-
25.	United States " - Sail	"	1,276	-	-	-	-	-
26.	Total	"	2,472	768	31,405	-	-	-
<u>ST. ANDREW'S CANAL</u>								
27.	Canadian Vessels - Steam	No.	325	324	-	-	-	-
28.	Canadian Vessels - Sail	"	21	22	-	-	-	-
29.	Total	"	346	346	-	-	-	-
30.	Canadian Vessels - Steam	Tons	26,669	26,326	-	-	-	-
31.	Canadian Vessels - Sail	"	6,519	6,870	-	-	-	-
32.	Total	"	33,188	33,196	-	-	-	-
<u>RIDEAU CANAL</u>								
33.	Canadian Vessels - Steam	No.	57	59	-	-	-	-
34.	Canadian Vessels - Sail	"	24	19	-	-	-	-
35.	United States " - Steam	"	7	9	-	-	-	-
36.	Total	"	88	87	-	-	-	-
37.	Canadian Vessels - Steam	Tons	1,130	1,379	-	-	-	-
38.	Canadian Vessels - Sail	"	1,476	1,177	-	-	-	-
39.	United States " - Steam	"	85	113	-	-	-	-
40.	Total	"	2,691	2,669	-	-	-	-
<u>TRENT CANAL</u>								
41.	Canadian Vessels - Steam	No.	21	20	-	-	-	-
42.	Canadian Vessels - Sail	"	-	11	-	-	-	-
43.	United States " - Steam	"	1	-	-	-	-	-
44.	Total	"	22	31	-	-	-	-
45.	Canadian Vessels - Steam	Tons	299	329	-	-	-	-
46.	Canadian Vessels - Sail	"	-	157	-	-	-	-
47.	United States " - Steam	"	93	-	-	-	-	-
48.	Total	"	392	486	-	-	-	-

VESSELS USING CANADIAN CANALS, 1951

NUMBER AND NET REGISTERED TONS

	U. S. to Canada		Total		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	1	-	173	185	358	352	6	
2.	-	-	374	370	744	765		21
3.	1	-	547	555	1,102	1,117		15
4.	194	-	7,950	10,337	18,287	24,530		6,243
5.	-	-	152,739	151,838	304,577	315,554		10,977
6.	194	-	160,689	162,175	322,864	340,084		17,220
7.	-	-	318	358	676	619	57	
8.	-	-	8	16	24	44		20
9.	3	-	6	6	12	5	7	
10.	-	-	-	-	-	1		1
11.	3	-	332	380	712	669	43	
12.	-	-	9,334	9,711	19,045	18,868	177	
13.	-	-	651	2,115	2,766	10,991		8,225
14.	85	-	160	111	271	136	135	
15.	-	-	-	-	-	10		10
16.	85	-	10,145	11,937	22,082	30,005		7,923
17.	-	-	61	4	65	62	3	
18.	-	-	4	1	5	2	3	
19.	-	1	1	1	2	1	1	
20.	-	1	1	1	2	1	1	
21.	-	2	67	7	74	66	8	
22.	-	-	31,856	535	32,391	32,426		35
23.	-	-	526	233	859	275	584	
24.	-	119	119	119	238	93	145	
25.	-	1,278	1,276	1,278	2,554	1,194	1,360	
26.	-	1,397	33,877	2,165	36,042	33,988	2,054	
27.	-	-	325	324	649	380	269	
28.	-	-	21	22	43	36	7	
29.	-	-	346	346	692	416	276	
30.	-	-	26,669	26,326	52,995	38,033	14,962	
31.	-	-	6,519	6,870	13,389	14,090		701
32.	-	-	33,188	33,196	66,384	52,123	14,261	
33.	-	-	57	59	116	72	44	
34.	-	-	24	19	43	46		3
35.	-	-	7	9	16	17		1
36.	-	-	88	87	175	135	40	
37.	-	-	1,130	1,379	2,509	1,666	843	
38.	-	-	1,476	1,177	2,653	2,521	132	
39.	-	-	85	113	198	269		71
40.	-	-	2,691	2,669	5,360	4,456	904	
41.	-	-	21	20	41	54		13
42.	-	-	-	11	11	20		9
43.	-	-	1	-	1	2		1
44.	-	-	22	31	53	76		23
45.	-	-	299	329	628	997		369
46.	-	-	-	157	157	139	18	
47.	-	-	93	-	93	39	54	
48.	-	-	392	486	878	1,175		297

Table 7 FREIGHT RATES BY WATER ON CANADIAN WHEAT DURING 1950 and 1951

Fort William - Port Arthur to -	1950			1951		
	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 .....	-	-	-	16.00	5.33	0.434
May .....	12.50	4.17	0.340	16.00	5.33	0.434
June .....	12.50	4.17	0.340	16.00	5.33	0.434
July .....	12.49	4.16	0.339	16.00	5.33	0.434
August .....	12.50	4.17	0.340	16.00	5.33	0.434
September .....	12.50	4.17	0.340	16.00	5.33	0.434
October .....	12.50	4.17	0.340	16.00	5.33	0.434
November .....	12.50	4.17	0.340	16.00	5.33	0.434
December .....	-	-	-	-	-	-
Average .....	12.50	4.17	0.340	16.00	5.33	0.434
Including storage .....	-	-	-	-	-	-
<u>Goderich and Georgian Bay -</u>						
April .....	-	-	-	5.45	1.82	0.339
May .....	4.50	1.50	0.279	5.53	1.84	0.342
June .....	4.50	1.50	0.279	5.50	1.83	0.341
July .....	4.50	1.50	0.279	5.50	1.83	0.341
August .....	4.50	1.50	0.279	5.50	1.83	0.341
September .....	4.50	1.50	0.279	5.50	1.83	0.341
October .....	4.50	1.50	0.279	5.50	1.83	0.341
November .....	4.50	1.50	0.279	5.50	1.83	0.341
December .....	4.50	1.50	0.279	5.87	1.96	0.365
Average .....	4.50	1.50	0.279	5.53	1.84	0.343
Including storage .....	4.69	1.56	0.290	5.60	1.93	0.359
<u>Port Colborne -</u>						
April .....	9.00	3.00	0.354	7.76	2.59	0.305
May .....	6.00	2.00	0.236	7.50	2.50	0.295
June .....	6.00	2.00	0.236	7.50	2.50	0.295
July .....	6.06	2.02	0.238	7.50	2.50	0.295
August .....	6.00	2.00	0.236	7.50	2.50	0.295
September .....	6.00	2.00	0.236	7.50	2.50	0.295
October .....	6.00	2.00	0.236	7.43	2.48	0.292
November .....	6.08	2.03	0.239	7.50	2.50	0.295
December .....	6.00	2.00	0.236	7.50	2.50	0.295
Average .....	6.04	2.01	0.237	7.50	2.50	0.295
Including storage .....	6.11	2.04	0.241	7.73	2.58	0.304
<u>Buffalo and other U.S. Ports -</u>						
April .....	-	-	-	9.80	3.27	0.379
May .....	7.32	2.44	0.283	10.08	3.36	0.390
June .....	7.42	2.47	0.287	9.40	3.13	0.363
July .....	6.83	2.28	0.264	10.82	3.61	0.419
August .....	8.24	2.75	0.319	10.36	3.45	0.400
September .....	8.40	2.80	0.325	10.54	3.51	0.407
October .....	7.92	2.64	0.306	9.91	3.30	0.383
November .....	9.29	3.10	0.360	9.98	3.33	0.386
December .....	10.85	3.62	0.420	9.94	3.31	0.384
Average .....	8.23	2.74	0.319	10.04	3.35	0.389
Including storage .....	8.48	2.83	0.328	10.56	3.52	0.408
<u>Port Colborne to Montreal -</u>						
April .....	7.00	2.33	0.613	8.50	2.83	0.745
May .....	7.00	2.33	0.613	8.50	2.83	0.745
June .....	6.86	2.29	0.603	8.50	2.83	0.745
July .....	7.00	2.33	0.613	8.50	2.83	0.745
August .....	7.00	2.33	0.613	8.50	2.83	0.745
September .....	7.01	2.34	0.616	8.50	2.83	0.745
October .....	7.16	2.39	0.629	8.50	2.83	0.745
November .....	7.00	2.33	0.613	8.50	2.83	0.745
December .....	-	-	-	8.50	2.83	0.745
Average .....	6.98	2.33	0.613	8.50	2.83	0.745

TABLE 8

FREIGHT RATES BY WATER ON BARLEY AND OATS DURING 1951

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
	cents	\$	cents	cents	\$	cents
<u>Montreal-</u>						
April .....	15.25	6.35	0.517	12.70	7.47	0.608
May .....	15.25	6.35	0.517	-	-	-
June .....	15.25	6.35	0.517	12.50	7.35	0.599
July .....	15.25	6.35	0.517	12.50	7.35	0.599
August .....	15.25	6.35	0.517	12.50	7.35	0.599
September .....	15.25	6.35	0.517	12.50	7.35	0.599
October .....	15.25	6.35	0.517	14.00	8.24	0.671
November .....	15.25	6.35	0.517	-	-	-
December .....	-	-	-	-	-	-
Average .....	15.25	6.35	0.517	12.71	7.47	0.608
<u>Goderich and Georgian Bay Ports -</u>						
April .....	5.25	2.19	0.408	5.00	2.94	0.547
May .....	5.25	2.19	0.408	5.02	2.95	0.549
June .....	5.26	2.19	0.408	5.00	2.94	0.547
July .....	5.25	2.19	0.408	5.00	2.94	0.547
August .....	5.24	2.18	0.406	5.00	2.94	0.547
September .....	5.23	2.18	0.406	5.01	2.95	0.549
October .....	5.25	2.19	0.408	5.00	2.94	0.547
November .....	5.25	2.19	0.408	5.00	2.94	0.547
December .....	6.68	2.78	0.518	6.07	3.57	0.665
Average .....	5.32	2.22	0.413	5.03	2.96	0.551
<u>Port Colborne -</u>						
April .....	7.54	3.14	0.370	-	-	-
May .....	7.29	3.04	0.358	6.31	3.71	0.437
June .....	7.25	3.02	0.356	-	-	-
July .....	7.25	3.02	0.356	6.56	3.86	0.455
August .....	7.25	3.02	0.356	6.75	3.97	0.468
September .....	7.25	3.02	0.356	5.75	3.38	0.399
October .....	7.25	3.02	0.356	6.25	3.68	0.434
November .....	7.25	3.02	0.356	6.32	3.72	0.439
December .....	-	-	-	-	-	-
Average .....	7.26	3.03	0.357	6.29	3.70	0.436
<u>Buffalo and other U.S. Ports -</u>						
April .....	9.29	3.87	0.449	10.85	6.38	0.740
May .....	9.04	3.77	0.437	9.26	5.45	0.632
June .....	9.16	3.82	0.443	9.76	5.74	0.666
July .....	10.08	4.20	0.487	10.74	6.32	0.733
August .....	-	-	-	9.79	5.76	0.668
September .....	10.43	4.35	0.505	9.15	5.38	0.624
October .....	10.41	4.34	0.503	11.32	6.66	0.773
November .....	10.62	4.43	0.514	10.78	6.34	0.735
December .....	9.00	3.75	0.435	13.44	7.91	0.916
Average .....	9.98	4.16	0.483	10.25	6.03	0.700
<u>Port Colborne to Montreal -</u>						
April .....	-	-	-	-	-	-
May .....	8.00	3.33	0.876	6.67	3.93	1.034
June .....	8.00	3.33	0.876	6.61	3.88	1.021
July .....	8.00	3.33	0.876	-	-	-
August .....	8.00	3.33	0.876	-	-	-
September .....	8.00	3.33	0.876	5.75	3.38	0.889
October .....	8.00	3.33	0.876	6.75	3.97	1.045
November .....	8.00	3.33	0.876	6.44	3.79	0.997
December .....	-	-	-	-	-	-
Average .....	8.00	3.33	0.876	6.49	3.82	1.005

TABLE 9

FREIGHT RATES BY WATER ON FLAX AND RYE DURING 1951

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
<u>Montreal -</u>						
April .....	-	-	-	-	-	-
May .....	17.00	6.07	0.494	16.00	5.71	0.465
June .....	17.00	6.07	0.494	16.00	5.71	0.465
July .....	17.00	6.07	0.494	-	-	-
August .....	17.00	6.07	0.494	-	-	-
September .....	17.00	6.07	0.494	16.00	5.71	0.465
October .....	17.00	6.07	0.494	16.00	5.71	0.465
November .....	17.00	6.07	0.494	-	-	-
December .....	-	-	-	-	-	-
Average .....	17.00	6.07	0.494	16.00	5.71	0.465
<u>Goderich and Georgian Bay Ports -</u>						
April .....	-	-	-	5.50	1.96	0.364
May .....	-	-	-	5.50	1.96	0.364
June .....	-	-	-	5.50	1.96	0.364
July .....	-	-	-	-	-	-
August .....	-	-	-	5.50	1.96	0.364
September .....	-	-	-	5.50	1.96	0.364
October .....	-	-	-	5.50	1.96	0.364
November .....	7.50	2.68	0.499	5.50	1.96	0.364
December .....	-	-	-	-	-	-
Average .....	7.50	2.68	0.499	5.50	1.96	0.364
<u>Port Colborne -</u>						
April .....	8.00	2.86	0.337	7.50	2.68	0.316
May .....	8.00	2.86	0.337	7.50	2.68	0.316
June .....	8.24	2.94	0.347	7.50	2.68	0.316
July .....	-	-	-	-	-	-
August .....	-	-	-	-	-	-
September .....	-	-	-	7.50	2.68	0.316
October .....	8.50	3.04	0.358	7.50	2.68	0.316
November .....	-	-	-	-	-	-
December .....	-	-	-	-	-	-
Average .....	8.29	2.96	0.349	7.50	2.68	0.316
<u>Buffalo and other U. S. Ports -</u>						
April .....	-	-	-	-	-	-
May .....	-	-	-	10.00	3.57	0.414
June .....	-	-	-	10.13	3.62	0.420
July .....	-	-	-	10.36	3.70	0.429
August .....	-	-	-	-	-	-
September .....	-	-	-	-	-	-
October .....	-	-	-	-	-	-
November .....	-	-	-	-	-	-
December .....	-	-	-	-	-	-
Average .....	-	-	-	10.19	3.64	0.422
<u>Port Colborne to Montreal -</u>						
April .....	9.00	3.21	0.844	-	-	-
May .....	-	-	-	8.50	3.04	0.800
June .....	10.24	3.66	0.963	8.50	3.04	0.800
July .....	9.00	3.21	0.844	8.50	3.04	0.800
August .....	-	-	-	-	-	-
September .....	-	-	-	8.41	3.00	0.789
October .....	-	-	-	8.50	3.04	0.800
November .....	-	-	-	-	-	-
December .....	-	-	-	-	-	-
Average .....	9.58	3.42	0.900	8.49	3.03	0.797



TABLE 10

FREIGHT CARRIED UP THE ST. LAWRENCE CANALS  
FROM OUTSIDE POINTS

Country of Registry	Number of Vessels		Cargo (Tons)	Cargo (Tons)
	1 9 5 1	1 9 5 0	1 9 5 1	1 9 5 0
Canada	146	172	254,020	269,294
Great Britain	16	3	16,954	3,999
Norway	50	59	63,807	83,585
Sweden	16	23	17,695	29,612
Netherlands	23	19	32,702	26,205
Denmark	1	2	1,002	1,831
Finland	-	1	-	1,204
Iceland	-	1	-	510
Germany	9	-	12,120	-
Total	261	280	398,300	416,240

FREIGHT CARRIED DOWN THE ST. LAWRENCE CANALS  
TO OUTSIDE POINTS

Canada	35	69	35,961	87,099
Great Britain	15	1	16,470	540
Norway	42	46	51,216	56,160
Sweden	15	23	19,061	25,309
Netherlands	25	19	33,467	23,849
Germany	10	-	10,047	-
Denmark	-	2	-	2,346
Finland	-	1	-	160
Iceland	-	2	-	1,290
Total	142	163	166,222	196,653

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.	9,233	9,334	-	1,526	51,778	35,754
<u>AGRICULTURAL PRODUCTS</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2. Barley .....	-	201,875	-	25,253	-	-
3. Corn .....	-	-	-	-	-	-
4. Oats .....	-	172,088	-	41,454	-	-
5. Rye .....	-	16,705	-	7,022	-	-
6. Flaxseed .....	-	40,614	-	-	-	-
7. Wheat .....	-	405,129	-	54,042	-	-
8. Other Grains.....	-	1,956	-	-	-	-
9. Flour .....	-	89,654	-	-	-	-
10. Hay and Straw .....	-	-	-	-	-	-
11. Other Mill Products .....	-	103,080	-	-	-	-
12. Fruit and Vegetables .....	-	-	-	-	-	-
13. Potatoes .....	-	-	-	-	-	-
14. Total .....	-	1,031,101	-	127,771	-	-
<u>ANIMAL PRODUCTS</u>						
15. Fish .....	-	159	-	-	-	-
16. Dressed Meats .....	-	-	-	-	-	-
17. Other Packing-house products .....	-	-	-	-	-	-
18. All other Animal Products .....	-	-	-	-	-	-
19. Total .....	-	159	-	-	-	-
<u>MANUFACTURES AND MISCELLANEOUS</u>						
20. Gasoline .....	155,463	3,000	-	-	55,133	6,430
21. Petroleum and other Oils .....	51,673	9,347	-	-	35,440	-
22. Agricultural Implements .....	944	-	-	-	-	-
23. Cement, Brick, Plaster .....	-	-	-	-	-	-
24. Iron, pig and bloom .....	-	3,300	-	78,193	-	-
25. Iron and Steel, other .....	2,234	13,755	-	-	5	210
26. Sugar .....	891	-	-	-	-	-
27. Salt .....	2,846	-	-	-	-	-
28. Beverages .....	-	-	-	-	-	-
29. Autos and Parts .....	4,161	1,102	-	-	1,885	-
30. Paper .....	-	13,964	-	94,779	-	-
31. Wood Pulp .....	-	-	-	51,340	-	-
32. Total .....	218,212	44,468	-	224,312	92,463	6,640
<u>FOREST PRODUCTS</u>						
33. Pulpwood .....	-	21,496	2,400	163,654	-	-
34. Logs, Posts, Poles, Piling .....	-	-	-	2,304	-	-
35. Firewood .....	-	-	-	-	-	-
36. Lumber, Mill, Cooperage stock .....	-	-	-	50	-	-
37. Other Forest Products .....	-	-	-	-	-	-
38. Total .....	-	21,496	2,400	166,008	-	-
<u>MINE PRODUCTS</u>						
39. Hard Coal .....	2,900	-	-	-	-	-
40. Soft Coal .....	3,159	-	-	-	-	-
41. Coke .....	-	-	-	-	-	-
42. Copper Ore .....	-	-	-	-	-	-
43. Iron Ore .....	-	-	-	-	-	-
44. Other Ore .....	1,100	-	-	-	-	-
45. Sand, Gravel and Stone .....	-	43,650	-	-	-	100
46. Total .....	7,159	43,650	-	-	-	100
47. All other Freight .....	358,638	13,435	3,153	773	-	1,398
48. GRAND TOTAL .....	584,009	1,154,309	5,553	518,864	92,463	8,138

Tons (2000 lbs.) of cargo.

Number of pleasure craft lockages in 1951 through the lock = 397

CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	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.	548	-	41,559	46,594	88,153	56,765	31,388	
2.	-	-	-	227,128	227,128	223,323	3,805	
3.	-	10,582	-	10,582	10,582	61,995		51,413
4.	-	-	-	213,542	213,542	179,326	34,216	
5.	-	-	-	23,727	23,727	11,850	11,877	
6.	-	20,891	-	61,505	61,505	53,398	8,107	
7.	-	12,606	-	471,777	471,777	402,170	69,607	
8.	-	-	-	1,956	1,956	-	1,956	
9.	-	-	-	89,654	89,654	60,544	29,110	
10.	-	-	-	-	-	-	-	
11.	-	-	-	103,080	103,080	91,353	11,727	
12.	-	-	-	-	-	-	-	
13.	-	-	-	-	-	-	-	
14.	-	44,079	-	1,202,951	1,202,951	1,083,959	118,992	
15.	-	-	-	159	159	168		9
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	-	159	159	168		9
20.	14,634	-	225,230	9,430	234,660	158,804	75,856	
21.	22,503	68,131	109,616	77,478	187,094	72,049	115,045	
22.	811	-	1,755	-	1,755	3,528		1,773
23.	-	-	-	-	-	-		
24.	-	-	-	81,493	81,493	2,870	78,623	
25.	-	-	2,239	13,965	16,204	12,513	3,691	
26.	-	-	891	-	891	5,580		4,689
27.	-	-	2,846	-	2,846	745	2,101	
28.	-	-	-	-	-	-		
29.	-	-	6,046	1,102	7,148	9,522		2,374
30.	-	-	-	108,743	108,743	84,094	24,649	
31.	-	-	-	51,340	51,340	43,429	7,911	
32.	37,948	68,131	348,623	343,551	692,174	393,134	299,040	
33.	-	-	-	-	-	-		
34.	-	-	2,400	185,150	187,550	143,988	43,562	
35.	-	-	-	2,304	2,304	600	1,704	
36.	-	-	-	-	-	-		
37.	-	-	-	50	50	-	50	
38.	-	-	-	-	-	450		450
39.	-	-	2,400	187,504	189,904	145,038	44,866	
40.	10,502	-	13,402	-	13,402	15,072		1,670
41.	247,857	-	251,016	-	251,016	200,863	50,153	
42.	6,148	-	6,148	-	6,148	23,548		17,400
43.	-	-	-	-	-	-		
44.	5,200	-	5,200	-	5,200	-	5,200	
45.	-	-	1,100	-	1,100	-	1,100	
46.	-	80	-	43,830	43,830	53,148		9,318
47.	269,707	80	276,866	43,830	320,696	292,631	28,065	
48.	20,891	1,420	382,482	17,026	599,508	586,833	12,675	
49.	-	-	-	-	-	-		
50.	328,346	113,710	1,010,371	1,795,021	2,805,392	2,301,763	503,629	

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 . . . . .	2,236	10,133	12,369	2,042	
Registered Tonnage . . . . .	2,433,360	44,918,212	47,351,572	1,737,577	
Passengers . . . . .	41,559	2,011	43,570	46,594	
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	
Lumber . . . . .	-	-	-	50	
Pulpwood . . . . .	2,400	-	2,400	185,150	
Flour . . . . .	-	-	-	89,654	
Wheat . . . . .	-	-	-	471,777	
Grain (other than wheat) . . .	-	-	-	538,440	
Copper . . . . .	-	-	-	-	
Iron Ore . . . . .	5,200	272,773	277,973	-	
Pig Iron . . . . .	-	-	-	81,493	
Manufactured Iron and Steel . .	2,239	34,893	37,132	13,965	
Soft Coal and Coke . . . . .	257,164	10,427,570	10,684,734	-	
Hard Coal . . . . .	13,402	145,898	159,300	-	
Salt . . . . .	2,846	53,853	56,699	-	
Crude Oil . . . . .	-	-	-	75,478	
Other Oils and Gasoline . . . .	334,846	515,210	850,056	11,430	
Stone . . . . .	-	1,667,313	1,667,313	43,830	
Merchandise and Miscellaneous .	392,274	211,140	603,414	283,754	
<b>Total Freight . . . . .</b>	<b>1,010,371</b>	<b>13,328,650</b>	<b>14,339,021</b>	<b>1,795,021</b>	

CANADIAN AND UNITED STATES, IN 1951

D O W N		GRAND TOTAL	Compared with 1950	
United States Canal	Total		Increase	Decrease
No.	No.	No.	No.	No.
10,328	12,370	24,739	3,735	
45,655,037	47,392,614	94,744,186	14,424,901	
2,004	48,598	92,168	28,802	
<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
200	250	250	250	
434,386	619,536	621,936	178,816	
10,210	99,864	99,864	36,663	
8,882,281	9,354,058	9,354,058	3,649,562	
2,311,713	2,850,153	2,850,153	470,506	
-	-	-		
90,092,747	90,092,747	90,370,720	10,101,729	
146,971	228,464	228,464	106,108	
58,223	72,188	109,320		163,449
-	-	10,684,734		2,616,314
-	-	159,300		136,204
-	-	56,699	9,743	
1,913,629	1,989,107	1,989,107	1,989,107	
34,742	46,172	896,228	58,526	
-	43,830	1,711,143	144,435	
63,184	346,938	950,352	57,112	
103,948,286	105,743,307	120,082,328	13,886,590	

TABLE 15

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.	-	-	968	-	-	-
<b>AGRICULTURAL PRODUCTS</b>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2. Barley .....	-	547,402	-	-	-	5,664
3. Corn .....	-	21,741	-	-	-	34,980
4. Oats .....	-	72,151	4,590	-	-	26,603
5. Rye .....	-	60,669	-	6,231	-	64,240
6. Flaxseed .....	-	59,225	-	-	-	5,449
7. Wheat .....	598	2,207,315	16,980	41,484	-	480,532
8. Other Grains .....	-	44,285	-	-	-	-
9. Flour .....	-	5,599	-	1,643	-	-
10. Hay and Straw .....	-	-	-	-	-	-
11. Other Mill Products .....	-	-	-	-	-	-
12. Fruit and Vegetables .....	-	-	-	-	-	-
13. Potatoes .....	-	-	-	-	-	-
14. Total .....	598	3,018,387	21,570	49,358	-	617,468
<b>ANIMAL PRODUCTS</b>						
15. Fish .....	-	-	300	-	-	-
16. Dressed Meats .....	-	-	-	-	-	-
17. Other Packing-house Products .....	-	-	-	-	-	-
18. All other Animal Products .....	-	-	-	-	-	-
19. Total .....	-	-	300	-	-	-
<b>MANUFACTURES AND MISCELLANEOUS</b>						
20. Gasoline .....	346,794	426,184	-	-	147,101	60,496
21. Petroleum and other Oils .....	185,047	243,116	1,900	-	235,889	93,468
22. Agricultural Implements .....	889	-	-	-	-	-
23. Cement, Brick, Plaster .....	13,242	660	-	-	-	54,815
24. Iron, pig and bloom .....	295	3,300	5,000	-	-	12,520
25. Iron and Steel, other .....	1,904	19,602	513	-	7,056	20,177
26. Sugar .....	10,154	-	-	-	20,364	-
27. Salt .....	-	51,294	-	-	-	-
28. Beverages .....	-	-	-	-	-	-
29. Autos and Parts .....	922	288	-	-	-	8
30. Paper .....	-	13,806	295,743	18,650	13,868	-
31. Wood Pulp .....	3,789	-	20,508	-	9,636	-
32. Total .....	563,036	738,250	323,664	18,650	433,914	241,484
<b>FOREST PRODUCTS</b>						
33. Pulpwood .....	238,460	153,547	217,346	-	500	-
34. Logs, Posts, Poles, Piling .....	-	534	-	-	-	-
35. Firewood .....	-	-	-	-	-	-
36. Lumber, Mill, Cooperage stock .....	-	1,744	330	-	-	-
37. Other Forest Products .....	-	-	-	-	-	-
38. Total .....	238,460	155,825	217,676	-	500	-
<b>MINE PRODUCTS</b>						
39. Hard Coal .....	-	-	-	-	35,787	-
40. Soft Coal .....	4,816	-	-	-	-	14,512
41. Coke .....	-	-	-	-	-	2,489
42. Copper Ore .....	-	-	-	-	-	-
43. Iron Ore .....	55,081	81,099	165,007	-	-	-
44. Other Ore .....	52,315	2,460	111,668	-	-	-
45. Sand, Gravel and Stone .....	99,482	30,189	17,735	-	-	-
46. Total .....	211,694	113,748	294,410	-	35,787	16,801
47. All other Freight .....	238,178	54,514	25,177	6,992	105,025	158,424
48. GRAND TOTAL .....	1,251,966	4,080,724	882,797	75,000	575,226	1,034,177

Tons (2,000 lbs. of cargo).

Number of pleasure craft lockages in 1951 through the locks = 53.

WELLAND SHIP CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	-	971	968	971	1,939	4,843		2,904
	<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.	-	5,190	-	558,256	558,256	290,991	267,265	
3.	-	174,469	-	231,190	231,190	655,505		424,315
4.	-	-	4,590	98,754	103,344	124,203		20,859
5.	-	3,464	-	134,604	134,604	13,525	121,079	
6.	-	20,881	-	85,555	85,555	147,164		61,609
7.	-	61,569	17,578	2,790,900	2,808,478	2,299,280	509,198	
8.	-	145,230	-	189,515	189,515	115,849	73,666	
9.	-	-	-	7,242	7,242	23,175		15,933
10.	-	-	-	-	-	-		
11.	-	-	-	-	-	2,034		2,034
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	410,803	22,168	4,096,016	4,118,184	3,671,726	446,458	
15.	-	-	300	-	300	790		490
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	300	-	300	790		490
20.	-	145,033	493,895	631,713	1,125,608	854,251	271,357	
21.	33,143	848,819	455,979	1,185,403	1,641,382	1,356,630	284,752	
22.	-	-	889	-	889	2,657		1,768
23.	-	-	13,242	55,475	68,717	77,179		8,462
24.	-	-	5,295	15,820	21,115	68,722		47,607
25.	-	5,000	9,473	44,779	54,252	54,653		401
26.	1,360	-	31,878	-	31,878	56,440		24,562
27.	-	61,373	-	92,667	92,667	83,091	9,576	
28.	-	-	-	-	-	45		45
29.	-	-	922	296	1,218	2,932		1,714
30.	-	126	309,611	32,582	342,193	319,001	23,192	
31.	-	-	33,933	-	33,933	47,150		13,217
32.	34,503	1,060,351	1,355,117	2,058,735	3,413,852	2,922,751	491,101	
33.	-	1,500	456,306	155,047	611,353	527,855	83,498	
34.	-	-	-	534	534	-	534	
35.	-	-	-	-	-	-		
36.	-	-	330	1,744	2,074	1,690	384	
37.	-	-	-	-	-	2,500		2,500
38.	-	1,500	456,636	157,325	613,961	532,045	81,916	
39.	5,566	-	41,353	-	41,353	62,408		21,055
40.	-	4,781,202	4,816	4,795,514	4,800,330	4,997,207		196,877
41.	-	9,873	-	12,362	12,362	54,977		22,615
42.	-	-	-	-	-	-		
43.	-	1,680,052	220,088	1,761,151	1,981,239	1,478,056	503,183	
44.	-	11,500	163,983	13,960	177,943	128,572	49,371	
45.	-	229,348	117,217	259,537	376,754	247,703	129,051	
46.	5,566	6,711,975	547,457	6,842,524	7,389,981	6,948,923	441,058	
47.	2,381	70,955	370,761	290,885	661,646	664,338		2,692
48.	42,450	8,255,584	2,752,439	13,445,485	16,197,924	14,740,573	1,457,351	

Exclusive of 43,326 tons Lake Sand carried by 86 vessels entering and 86 vessels clearing from Port Dalhousie Harbour.  
 Exclusive of 40,668 tons of grains transported from Fort William - Port Arthur for Buffalo via Humberstone where clearance papers were issued.

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.	-	-	3	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<b>AGRICULTURAL PRODUCTS</b>						
2.	Barley .....	-	544,800	-	-	-	5,664
3.	Corn .....	-	21,741	-	-	-	34,980
4.	Oats .....	-	66,371	-	-	-	26,603
5.	Rye .....	-	60,669	-	6,231	-	64,240
6.	Flaxseed .....	-	55,672	-	-	-	5,449
7.	Wheat .....	-	1,861,035	-	41,484	-	480,532
8.	Other Grains .....	-	44,285	-	-	-	-
9.	Flour .....	-	1,738	-	1,643	-	-
10.	Hay and Straw .....	-	-	-	-	-	-
11.	Other Mill products .....	-	-	-	-	-	-
12.	Fruit and Vegetables .....	-	-	-	-	-	-
13.	Potatoes .....	-	-	-	-	-	-
14.	Total .....	-	2,656,311	-	49,358	-	617,468
	<b>ANIMAL PRODUCTS</b>						
15.	Fish .....	-	-	300	-	-	-
16.	Dressed Meats .....	-	-	-	-	-	-
17.	Other Packing-house products ..	-	-	-	-	-	-
18.	All other Animal products .....	-	-	-	-	-	-
19.	Total .....	-	-	300	-	-	-
	<b>MANUFACTURES AND MISCELLANEOUS</b>						
20.	Gasoline .....	316,125	386,132	-	-	147,101	60,496
21.	Petroleum & other Oils .....	142,897	173,656	1,900	-	235,889	93,468
22.	Agricultural Implements .....	889	-	-	-	-	-
23.	Cement, brick, plaster .....	13,242	-	-	-	-	54,815
24.	Iron, Pig and Bloom .....	-	3,300	5,000	-	-	12,520
25.	Iron and Steel, other .....	10	19,602	513	-	7,056	20,177
26.	Sugar .....	10,154	-	-	-	20,364	-
27.	Salt .....	-	31,294	-	-	-	-
28.	Beverages .....	-	-	-	-	-	-
29.	Autos and parts .....	917	288	-	-	-	8
30.	Paper .....	-	13,056	167,275	-	13,868	-
31.	Wood pulp .....	-	-	20,508	-	9,636	-
32.	Total .....	484,234	627,328	195,196	-	433,914	241,484
	<b>FOREST PRODUCTS</b>						
33.	Pulpwood .....	-	-	217,346	-	500	-
34.	Logs, Posts, Poles, Piling .....	-	-	-	-	-	-
35.	Firewood .....	-	-	-	-	-	-
36.	Lumber, Mill. Cooperage stock ..	-	257	330	-	-	-
37.	Other Forest products .....	-	-	-	-	-	-
38.	Total .....	-	257	217,676	-	500	-
	<b>MINE PRODUCTS</b>						
39.	Hard Coal .....	-	-	-	-	35,787	-
40.	Soft Coal .....	-	-	-	-	-	14,312
41.	Coke .....	-	-	-	-	-	2,489
42.	Copper Ore .....	-	-	-	-	-	-
43.	Iron Ore .....	35,096	81,099	165,007	-	-	-
44.	Other Ore .....	32,643	-	111,668	-	-	-
45.	Sand, Gravel & Stone .....	5,286	1,700	7,385	-	-	-
46.	Total .....	73,025	82,799	284,060	-	35,787	16,801
47.	All other Freight .....	220,344	43,600	25,177	6,143	105,025	158,424
48.	GRAND TOTAL .....	777,603	3,410,295	722,409	55,501	575,226	1,034,177

Tons (2,000 lbs. of cargo)



WELLAND SHIP CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	-	6	3	6	9	3,067		3,058
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2.	-	5,190	-	555,654	555,654	286,439	269,215	
3.	-	174,469	-	231,190	231,190	655,505		424,315
4.	-	-	-	92,974	92,974	99,333		6,359
5.	-	3,464	-	134,604	134,604	13,525	121,079	
6.	-	20,881	-	82,002	82,002	147,164		65,162
7.	-	61,569	-	2,444,620	2,444,620	2,024,820	419,800	
8.	-	145,230	-	189,515	189,515	115,849	73,666	
9.	-	-	-	3,381	3,381	13,763		10,382
10.	-	-	-	-	-	-		
11.	-	-	-	-	-	2,034		2,034
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	410,803	-	3,733,940	3,733,940	3,358,432	375,508	
15.	-	-	300	-	300	790		490
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	300	-	300	790		490
20.	-	146,033	463,226	591,661	1,054,887	780,403	274,484	
21.	3,835	848,819	384,521	1,115,943	1,500,464	1,256,533	243,931	
22.	-	-	889	-	889	2,657		1,768
23.	-	-	13,242	54,815	68,057	77,179		9,122
24.	-	-	5,000	15,820	20,820	68,722		47,902
25.	-	5,000	7,579	44,779	52,358	49,417	2,941	
26.	1,360	-	31,878	-	31,878	55,040		23,162
27.	-	61,373	-	92,667	92,667	83,091	9,576	
28.	-	-	-	-	-	45		45
29.	-	-	917	296	1,213	2,869		1,656
30.	-	126	181,143	13,182	194,325	172,611	21,714	
31.	-	-	30,144	-	30,144	41,039		10,895
32.	5,195	1,060,351	1,118,539	1,929,163	3,047,702	2,589,606	458,096	
33.	-	1,500	217,846	1,500	219,346	155,903	63,443	
34.	-	-	-	-	-	-		
35.	-	-	-	-	-	-		
36.	-	-	330	257	587	1,690		1,103
37.	-	-	-	-	-	2,500		2,500
38.	-	1,500	218,176	1,757	219,933	160,093	59,840	
39.	5,566	-	41,353	-	41,353	62,408		21,055
40.	-	4,396,893	-	4,411,205	4,411,205	4,624,358		213,153
41.	-	9,873	-	12,362	12,362	21,037		8,675
42.	-	-	-	-	-	-		
43.	-	1,680,052	200,103	1,761,151	1,961,254	1,434,125	527,129	
44.	-	11,500	144,311	11,500	155,811	80,687	75,124	
45.	-	217,340	12,671	219,040	231,711	174,130	57,581	
46.	5,566	6,315,658	398,438	6,415,258	6,813,696	6,396,745	416,951	
47.	1,881	32,905	352,427	241,072	593,499	581,058	12,441	
48.	12,642	7,821,217	2,087,880	12,321,190	14,409,070	13,086,724	1,322,346	

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.	-	-	965	-	-	-
<b>AGRICULTURAL PRODUCTS</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>
2. Barley .....	-	2,602	-	-	-	-
3. Corn .....	-	-	-	-	-	-
4. Oats .....	-	5,780	4,590	-	-	-
5. Eye .....	-	-	-	-	-	-
6. Flaxseed .....	-	3,553	-	-	-	-
7. Wheat .....	598	346,280	16,980	-	-	-
8. Other Grains .....	-	-	-	-	-	-
9. Flour .....	-	3,861	-	-	-	-
10. Hay and Straw .....	-	-	-	-	-	-
11. Other Mill products .....	-	-	-	-	-	-
12. Fruit and Vegetables .....	-	-	-	-	-	-
13. Potatoes .....	-	-	-	-	-	-
14. Total .....	598	362,076	21,570	-	-	-
<b>ANIMAL PRODUCTS</b>						
15. Fish .....	-	-	-	-	-	-
16. Dressed Meats .....	-	-	-	-	-	-
17. Other Packing-house products ..	-	-	-	-	-	-
18. All other Animal products .....	-	-	-	-	-	-
19. Total .....	-	-	-	-	-	-
<b>MANUFACTURES AND MISCELLANEOUS</b>						
20. Gasoline .....	30,669	40,052	-	-	-	-
21. Petroleum & other Oils .....	42,150	69,460	-	-	-	-
22. Agricultural Implements .....	-	-	-	-	-	-
23. Cement, Brick, Plaster .....	-	660	-	-	-	-
24. Iron, Pig and Bloom .....	295	-	-	-	-	-
25. Iron and Steel, other .....	1,894	-	-	-	-	-
26. Sugar .....	-	-	-	-	-	-
27. Salt .....	-	-	-	-	-	-
28. Beverages .....	-	-	-	-	-	-
29. Autos and Parts .....	5	-	-	-	-	-
30. Paper .....	-	750	128,468	18,650	-	-
31. Wood pulp .....	3,789	-	-	-	-	-
32. Total .....	78,802	110,922	128,468	18,650	-	-
<b>FOREST PRODUCTS</b>						
33. Pulpwood .....	238,460	153,547	-	-	-	-
34. Logs, Posts, Poles, Piling ....	-	534	-	-	-	-
35. Firewood .....	-	-	-	-	-	-
36. Lumber, Mill, Cooperage stock ..	-	1,487	-	-	-	-
37. Other Forest products .....	-	-	-	-	-	-
38. Total .....	238,460	155,568	-	-	-	-
<b>MINE PRODUCTS</b>						
39. Hard Coal .....	-	-	-	-	-	-
40. Soft Coal .....	4,816	-	-	-	-	-
41. Coke .....	-	-	-	-	-	-
42. Copper Ore .....	-	-	-	-	-	-
43. Iron Ore .....	19,985	-	-	-	-	-
44. Other Ore .....	19,672	2,460	-	-	-	-
45. Sand, Gravel & Stone .....	94,196	28,489	10,350	-	-	-
46. Total .....	138,669	30,949	10,350	-	-	-
47. All other Freight .....	17,834	10,914	-	849	-	-
48. GRAND TOTAL .....	474,363	670,429	160,388	19,499	-	-

Tons (2,000 lbs. of cargo)

WELLAND SHIP CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	-	965	965	965	1,930	1,776	154	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2.	-	-	-	2,602	2,602	4,552		1,950
3.	-	-	-	-	-	-		-
4.	-	-	4,590	5,780	10,370	24,870		14,500
5.	-	-	-	-	-	-		-
6.	-	-	-	3,553	3,553	-	3,553	
7.	-	-	17,578	346,280	363,858	274,460	89,398	
8.	-	-	-	-	-	-		-
9.	-	-	-	3,861	3,861	9,412		5,551
10.	-	-	-	-	-	-		-
11.	-	-	-	-	-	-		-
12.	-	-	-	-	-	-		-
13.	-	-	-	-	-	-		-
14.	-	-	22,168	362,076	384,244	313,294	70,950	
15.	-	-	-	-	-	-		-
16.	-	-	-	-	-	-		-
17.	-	-	-	-	-	-		-
18.	-	-	-	-	-	-		-
19.	-	-	-	-	-	-		-
20.	-	-	30,669	40,052	70,721	73,848		3,127
21.	29,308	-	71,458	69,460	140,918	100,097	40,821	
22.	-	-	-	-	-	-		-
23.	-	-	-	660	660	-	660	
24.	-	-	295	-	295	-	295	
25.	-	-	1,894	-	1,894	5,236		3,342
26.	-	-	-	-	-	1,400		1,400
27.	-	-	-	-	-	-		-
28.	-	-	-	-	-	-		-
29.	-	-	5	-	5	63		58
30.	-	-	128,468	19,400	147,868	146,390	1,478	
31.	-	-	3,789	-	3,789	6,111		2,322
32.	29,308	-	236,578	129,572	366,150	333,145	33,005	
33.	-	-	238,460	153,547	392,007	371,952	20,055	
34.	-	-	-	534	534	-	534	
35.	-	-	-	-	-	-		-
36.	-	-	-	1,487	1,487	-	1,487	
37.	-	-	-	-	-	-		-
38.	-	-	238,460	155,568	394,028	371,952	22,076	
39.	-	-	-	-	-	-		-
40.	-	384,309	4,816	384,309	389,126	372,849	16,276	
41.	-	-	-	-	-	13,940		13,940
42.	-	-	-	-	-	-		-
43.	-	-	19,985	-	19,985	43,931		23,946
44.	-	-	19,672	2,460	22,132	47,885		25,753
45.	-	12,008	104,546	40,497	145,043	73,573	71,470	
46.	-	396,317	149,019	427,266	576,285	552,178	24,107	
47.	500	38,050	18,334	49,813	68,147	83,280		15,133
48.	29,808	434,367	664,559	1,124,295	1,788,854	1,653,849	135,005	

WELLAND SHIP CANAL TRAFFIC

Season of Navigation, 1951

Table 16

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 .....	122	638,677	1,490,226	177	780,476	66,331
Toronto .....	78	161,988	327,714	110	215,115	76,321
Kingston .....	56	267,443	558,236	28	179,010	2,069
Prescott,Ogdensburg & Brockville	29	94,015	205,619	17	48,772	22,871
Oswego and South .....	60	244,111	520,251	12	45,329	2,551
Other Lake Ontario Ports .....	36	82,322	147,446	41	66,379	126,018
Montreal and below .....	181	240,385	377,673	209	260,977	213,707
Other Ports below Prescott ....	-	-	-	6	7,311	62
Welland Ship Canal .....	94	246,355	408,034	40	114,125	14,747
Total .....	656	1,975,296	4,035,179	640	1,717,494	524,677
<u>Lake Michigan and</u>						
Hamilton .....	18	77,845	184,562	10	44,452	10,085
Toronto .....	33	60,672	128,030	-	-	-
Kingston .....	1	1,494	3,388	3	7,971	-
Prescott, Ogdensburg & Brockville	10	19,174	46,138	-	-	-
Oswego and South .....	37	60,984	113,655	26	32,475	46,670
Other Lake Ontario Ports .....	3	2,591	7,016	1	1,233	-
Montreal and below .....	66	58,539	94,529	158	160,889	209,255
Other Ports below Prescott ....	17	21,333	52,798	4	4,612	-
Welland Ship Canal .....	13	44,455	75,854	42	89,899	126,318
Total .....	198	347,087	705,970	244	341,531	392,328
<u>Lake Huron and</u>						
Hamilton .....	28	59,794	140,953	13	21,310	-
Toronto .....	1	37	-	5	10,141	-
Kingston .....	-	-	-	-	-	-
Prescott,Ogdensburg & Brockville	-	-	-	-	-	-
Oswego and South .....	12	26,753	70,115	13	26,404	-
Other Lake Ontario Ports .....	6	4,419	1,700	3	213	-
Montreal and below .....	1	1,080	-	6	5,559	13,699
Other Ports below Prescott ....	-	-	-	-	-	-
Welland Ship Canal .....	22	26,234	54,212	14	28,901	-
Total .....	70	118,317	266,980	54	92,529	13,699
<u>Sarnia to Port Colborne and</u>						
Hamilton .....	363	1,067,203	2,321,805	371	1,049,696	1,140
Toronto .....	463	1,252,928	2,227,490	456	1,288,404	13,486
Kingston .....	11	8,807	16,324	34	64,538	-
Prescott,Ogdensburg & Brockville	68	58,832	126,404	76	109,672	44,354
Oswego and South .....	356	220,503	108,972	459	481,667	427,539
Other Lake Ontario Ports .....	285	350,352	724,783	292	344,684	56,884
Montreal and below .....	926	1,083,510	2,215,608	675	780,728	700,429
Other Ports below Prescott ....	11	12,506	29,592	40	50,578	54,409
Welland Ship Canal .....	334	382,290	549,856	455	617,594	41,037
Total .....	2,817	4,436,931	8,320,834	2,858	4,787,561	1,359,278
<u>Welland Ship Canal and</u>						
Hamilton .....	10	14,085	2,200	19	27,486	17,887
Toronto .....	11	14,180	150	32	51,745	14,287
Kingston .....	1	1,444	-	-	-	15
Prescott,Ogdensburg & Brockville	1	1,422	-	6	15,435	8,086
Oswego and South .....	62	40,728	18,650	51	27,581	29,308
Other Lake Ontario Ports .....	94	69,071	140	65	33,492	81,216
Montreal and below .....	61	68,621	95,382	156	184,832	331,658
Other Ports below Prescott ....	-	-	-	7	9,853	-
Total .....	240	209,551	116,522	356	350,424	482,457
GRAND TOTAL .....	3,981	7,087,182	13,445,485	4,132	7,289,538	2,752,439

(1 ton= 2,000 lbs.)

Table 17

GRAIN DOWN-BOUND THROUGH THE WELLAND SHIP CANAL, 1951

	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	-	-	-	-	187,856	319,643	507,499
In United States vessels	-	-	-	-	-	-	-
From Canadian Ports to United States Ports -							
In Canadian vessels	-	-	-	-	-	-	-
In United States vessels	1,382,800	-	-	222,536	-	-	1,605,336
From United States Ports to United States Ports -							
In United States vessels	-	-	-	-	-	-	-
From Canadian Ports to Canadian Ports -							
In Canadian vessels	69,432,333	22,746,000	4,244,176	2,166,750	-	2,115,178	100,704,437
In United States vessels	-	-	-	-	-	-	-
<u>United States Grain -</u>							
From United States Ports to Canadian Ports -							
In Canadian vessels	2,052,300	216,250	-	123,714	5,951,535	450,928	8,774,727
In United States vessels	-	-	-	-	-	-	-
From United States Ports to United States Ports -							
In Canadian vessels	480,000	-	-	213,878	-	-	693,678
In United States vessels	15,537,733	236,000	1,564,882	1,903,107	1,189,857	372,107	20,803,686
From Canadian Ports to Canadian Ports -							
In Canadian vessels	3,996,333	62,418	-	-	776,464	-	4,835,213
In United States vessels	-	-	-	-	-	-	-
<b>Total Grain</b>	<b>92,881,499</b>	<b>23,260,666</b>	<b>5,809,058</b>	<b>4,629,785</b>	<b>8,105,712</b>	<b>3,237,856</b>	<b>137,924,576</b>
Canadian Grain in United States vessels	1,382,800	-	-	222,536	-	-	1,605,336
United States Grain in Canadian vessels	6,528,633	278,666	-	337,392	6,727,999	450,928	14,305,618

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.	-	-	-	-	-	-
		<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
	<b>AGRICULTURAL PRODUCTS</b>						
2.	Barley .....	-	465,879	-	-	-	-
3.	Corn .....	-	59,424	-	-	-	1,664
4.	Oats .....	-	38,570	-	-	-	-
5.	Rye .....	-	61,091	-	-	-	-
6.	Flaxseed .....	-	51,449	-	-	-	-
7.	Wheat .....	300	1,797,492	-	-	-	-
8.	Other Grains .....	-	43,158	-	-	-	-
9.	Flour .....	-	4,753	-	1,643	-	-
10.	Hay and Straw .....	-	-	-	-	-	-
11.	Other Mill Products .....	-	-	-	-	-	-
12.	Fruit and Vegetables .....	-	-	-	-	-	-
13.	Potatoes .....	-	-	-	-	-	-
14.	Total .....	300	2,521,816	-	1,643	-	1,664
	<b>ANIMAL PRODUCTS</b>						
15.	Fish .....	-	-	300	-	-	-
16.	Dressed Meats .....	-	-	-	-	-	-
17.	Other Packing-house products .....	-	-	-	-	-	-
18.	All other Animal products .....	-	1,312	-	-	-	-
19.	Total .....	-	1,312	300	-	-	-
	<b>MANUFACTURES AND MISCELLANEOUS</b>						
20.	Gasoline .....	1,069,281	33,820	-	-	-	-
21.	Petroleum and other Oils .....	1,020,922	13,648	-	-	-	-
22.	Agricultural implements .....	-	-	-	-	-	-
23.	Cement, Brick, Plaster .....	-	705	-	-	-	-
24.	Iron, pig and bloom .....	-	85	-	-	-	-
25.	Iron and Steel, other .....	-	14,736	-	-	-	-
26.	Sugar .....	13,564	-	-	-	-	-
27.	Salt .....	-	28,844	-	-	-	-
28.	Beverages .....	-	-	-	-	-	-
29.	Autos and Parts .....	1,617	1,963	-	-	-	8
30.	Paper .....	-	5,305	176,128	3,421	-	-
31.	Wood Pulp .....	5,489	-	20,108	-	10,835	-
32.	Total .....	2,110,873	99,106	196,236	3,421	10,835	8
	<b>FOREST PRODUCTS</b>						
33.	Pulpwood .....	264,916	-	494,898	-	-	-
34.	Logs, Posts, Poles, Piling .....	-	-	-	-	-	-
35.	Firewood .....	-	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock .....	26,454	667	6,080	-	-	-
37.	Other Forest products .....	-	-	-	-	-	-
38.	Total .....	291,370	667	500,978	-	-	-
	<b>MINE PRODUCTS</b>						
39.	Hard Coal .....	11,763	-	-	-	-	-
40.	Soft Coal .....	1,250	-	-	-	-	-
41.	Coke .....	-	-	-	-	-	2,489
42.	Copper Ore .....	-	-	-	-	-	-
43.	Iron Ore .....	51,316	-	152,693	-	-	-
44.	Other Ore .....	51,273	2,460	84,766	-	-	-
45.	Sand, Gravel and Stone .....	2,700	257,800	44,229	-	-	-
46.	Total .....	118,302	260,260	281,688	-	-	2,489
47.	All other Freight .....	396,048	249,711	12,155	18,650	92,425	89,437
48.	GRAND TOTAL .....	2,916,893	3,132,872	991,357	23,714	103,260	93,598

Tons (2,000 lbs.) of cargo.

Number of pleasure craft lockages in 1951 = 603.

ST. LAWRENCE CANALS during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	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.	-	-	-	-	-	28		28
2.	-	5,190	-	471,069	471,069	167,324	303,745	
3.	-	96,748	-	157,836	157,836	498,948		341,112
4.	-	-	-	38,570	38,570	78,351		39,781
5.	-	-	-	61,091	61,091	8,555	52,536	
6.	-	2,713	-	54,162	54,162	128,853		74,691
7.	-	49,638	300	1,847,130	1,847,430	1,891,827	42,953	44,397
8.	-	2,790	-	45,948	45,948	2,995		
9.	-	11,111	-	17,507	17,507	20,628		3,121
10.	-	-	-	-	-	-		
11.	-	-	-	-	-	867		867
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	168,190	300	2,693,313	2,693,613	2,798,348		104,735
15.	-	-	300	-	300	790		490
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	1,312	1,312	4,159		2,827
19.	-	-	300	1,312	1,612	4,929		3,317
20.	-	5,050	1,069,281	38,870	1,108,151	917,482	190,669	
21.	1,635	12,120	1,022,557	25,768	1,048,325	1,165,897		117,572
22.	-	-	-	-	-	-		
23.	-	-	-	705	705	558	147	
24.	-	-	-	85	85	1,500		1,415
25.	-	-	-	14,736	14,736	66,594		51,858
26.	1,360	-	14,924	-	14,924	56,402		41,478
27.	-	50,883	-	79,727	79,727	73,991	5,736	
28.	-	-	-	-	-	528		528
29.	1,952	-	3,569	1,971	5,540	7,871		2,331
30.	-	56	176,128	8,782	184,910	189,036		4,126
31.	-	-	56,432	-	56,432	56,109		19,677
32.	4,947	68,109	2,322,891	170,644	2,493,535	2,535,968		42,433
33.	-	1,500	759,814	1,500	761,314	668,474	92,840	
34.	-	-	-	-	-	-		
35.	-	-	-	-	-	32		32
36.	-	-	32,534	667	33,201	41,402		8,201
37.	-	-	-	-	-	-		
38.	-	1,500	792,348	2,167	794,515	709,908	84,607	
39.	-	1,306	11,763	1,306	13,069	36,752		23,683
40.	-	2,364,713	1,250	2,364,713	2,365,963	2,278,223	87,740	
41.	-	7,023	-	9,512	9,512	24,453		14,941
42.	-	-	-	-	-	-		
43.	-	-	204,009	-	204,009	252,816		48,807
44.	-	-	136,039	2,460	138,499	127,206	11,293	
45.	-	-	46,929	257,800	304,729	303,520	1,209	
46.	-	2,373,042	399,990	2,635,791	3,035,781	3,022,970	12,811	
47.	50,094	9,281	530,722	367,079	897,801	897,148	653	
48.	55,041	2,620,122	4,046,551	5,870,306	9,916,857	9,969,271		52,414

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.	-	-	-	-	-	-
<b>AGRICULTURAL PRODUCTS</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>
2. Barley .....	-	459,094	-	-	-	-
3. Corn .....	-	47,621	-	-	-	1,664
4. Oats .....	-	38,570	-	-	-	-
5. Rye .....	-	61,091	-	-	-	-
6. Flaxseed .....	-	51,449	-	-	-	-
7. Wheat .....	-	1,797,492	-	-	-	-
8. Other Grains .....	-	43,158	-	-	-	-
9. Flour .....	-	4,753	-	1,643	-	-
10. Hay and Straw .....	-	-	-	-	-	-
11. Other Mill products .....	-	-	-	-	-	-
12. Fruit and Vegetables .....	-	-	-	-	-	-
13. Potatoes .....	-	-	-	-	-	-
14. Total .....	-	2,503,228	-	1,643	-	1,664
<b>ANIMAL PRODUCTS</b>						
15. Fish .....	-	-	300	-	-	-
16. Dressed Meats .....	-	-	-	-	-	-
17. Other Packing-house products ..	-	-	-	-	-	-
18. All other Animal products .....	-	1,312	-	-	-	-
19. Total .....	-	1,312	300	-	-	-
<b>MANUFACTURES AND MISCELLANEOUS</b>						
20. Gasoline .....	1,054,053	25,600	-	-	-	-
21. Petroleum & other Oils .....	957,756	11,233	-	-	-	-
22. Agricultural Implements .....	-	-	-	-	-	-
23. Cement, brick, plaster .....	-	660	-	-	-	-
24. Iron, pig and bloom .....	-	85	-	-	-	-
25. Iron and Steel, other .....	-	14,671	-	-	-	-
26. Sugar .....	13,564	-	-	-	-	-
27. Salt .....	-	8,081	-	-	-	-
28. Beverages .....	-	-	-	-	-	-
29. Autos and parts .....	1,617	1,929	-	-	-	8
30. Paper .....	-	5,305	176,128	-	-	-
31. Wood pulp .....	5,489	-	20,108	-	10,835	-
32. Total .....	2,032,479	67,564	196,236	-	10,835	8
<b>FOREST PRODUCTS</b>						
33. Pulpwood .....	236,110	-	387,806	-	-	-
34. Logs, Posts, Poles, Piling ....	-	-	-	-	-	-
35. Firewood .....	-	-	-	-	-	-
36. Lumber, Mill, Cooperage stock .	-	257	330	-	-	-
37. Other Forest products .....	-	-	-	-	-	-
38. Total .....	236,110	257	388,136	-	-	-
<b>MINE PRODUCTS</b>						
39. Hard Coal .....	11,763	-	-	-	-	-
40. Soft Coal .....	-	-	-	-	-	-
41. Coke .....	-	-	-	-	-	2,489
42. Copper Ore .....	-	-	-	-	-	-
43. Iron Ore .....	51,316	-	152,693	-	-	-
44. Other Ore .....	51,273	2,460	79,014	-	-	-
45. Sand, Gravel & Stone .....	-	-	1,322	-	-	-
46. Total .....	114,352	2,460	233,029	-	-	2,489
47. All other Freight .....	378,174	187,222	12,155	18,650	92,425	89,437
48. GRAND TOTAL .....	2,761,115	2,762,043	829,856	20,353	103,260	93,598

Tons (2,000 lbs.) of cargo.



ST. LAWRENCE CANALS during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	-	-	-	-	-	4		4
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2.	-	5,190	-	464,284	464,284	167,324	296,960	
3.	-	55,770	-	105,055	105,055	425,035		319,980
4.	-	-	-	38,570	38,570	78,351		39,781
5.	-	-	-	61,091	61,091	8,555	52,536	
6.	-	2,713	-	54,162	54,162	128,853		74,691
7.	-	49,638	-	1,847,130	1,847,130	1,891,827		44,697
8.	-	2,790	-	45,948	45,948	2,995	42,953	
9.	-	11,111	-	17,507	17,507	20,378		2,871
10.	-	-	-	-	-	-		
11.	-	-	-	-	-	867		867
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	127,212	-	2,633,747	2,633,747	2,724,185		90,438
15.	-	-	300	-	300	790		490
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	1,312	1,312	4,139		2,827
19.	-	-	300	1,312	1,612	4,929		3,317
20.	-	3,650	1,054,053	29,250	1,083,303	877,116	206,187	
21.	1,635	12,120	959,391	23,353	982,744	1,074,876		92,132
22.	-	-	-	-	-	-		
23.	-	-	-	660	660	-	660	
24.	-	-	-	85	85	1,500		1,415
25.	-	-	-	14,671	14,671	64,078		49,407
26.	1,360	-	14,924	-	14,924	56,402		41,478
27.	-	39,183	-	47,264	47,264	43,881	3,383	
28.	-	-	-	-	-	528		528
29.	1,952	-	3,569	1,937	5,506	7,871		2,365
30.	-	56	176,128	5,361	181,489	185,349		3,860
31.	-	-	36,432	-	36,432	56,109		19,677
32.	4,947	55,009	2,244,497	122,581	2,367,078	2,367,710		632
33.	-	1,500	623,916	1,500	625,416	562,642	62,774	
34.	-	-	-	-	-	-		
35.	-	-	-	-	-	-		
36.	-	-	330	257	587	2,127		1,540
37.	-	-	-	-	-	-		
38.	-	1,500	624,246	1,757	626,003	564,769	61,234	
39.	-	1,306	11,763	1,306	13,069	36,752		23,683
40.	-	2,020,009	-	2,020,009	2,020,009	1,965,057	54,952	
41.	-	7,023	-	9,512	9,512	24,453		14,941
42.	-	-	-	-	-	-		
43.	-	-	204,009	-	204,009	252,816		48,807
44.	-	-	130,287	2,460	132,747	124,406	8,341	
45.	-	-	1,322	-	1,322	-	1,322	
46.	-	2,028,338	347,381	2,033,287	2,380,668	2,403,484		22,816
47.	20,784	9,281	503,538	304,590	808,128	794,599	13,529	
48.	25,731	2,221,340	3,719,962	5,097,274	8,817,236	8,859,676		42,440

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.	-	-	-	-	-	-
	<b>AGRICULTURAL PRODUCTS</b>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
2.	Barley .....	-	6,785	-	-	-	-
3.	Corn .....	-	11,803	-	-	-	-
4.	Oats .....	-	-	-	-	-	-
5.	Rye .....	-	-	-	-	-	-
6.	Flaxseed .....	-	-	-	-	-	-
7.	Wheat .....	300	-	-	-	-	-
8.	Other Grains .....	-	-	-	-	-	-
9.	Flour .....	-	-	-	-	-	-
10.	Hay and Straw .....	-	-	-	-	-	-
11.	Other Mill products .....	-	-	-	-	-	-
12.	Fruit and Vegetables .....	-	-	-	-	-	-
13.	Potatoes .....	-	-	-	-	-	-
14.	Total .....	300	18,588	-	-	-	-
	<b>ANIMAL PRODUCTS</b>						
15.	Fish .....	-	-	-	-	-	-
16.	Dressed Meats .....	-	-	-	-	-	-
17.	Other Packing-house products .....	-	-	-	-	-	-
18.	All other Animal products .....	-	-	-	-	-	-
19.	Total .....	-	-	-	-	-	-
	<b>MANUFACTURES AND MISCELLANEOUS</b>						
20.	Gasoline .....	15,228	8,220	-	-	-	-
21.	Petroleum and other Oils .....	63,166	2,415	-	-	-	-
22.	Agricultural Implements .....	-	-	-	-	-	-
23.	Cement, Brick, Plaster .....	-	45	-	-	-	-
24.	Iron, pig and bloom .....	-	-	-	-	-	-
25.	Iron and Steel, other .....	-	65	-	-	-	-
26.	Sugar .....	-	-	-	-	-	-
27.	Salt .....	-	20,763	-	-	-	-
28.	Beverages .....	-	-	-	-	-	-
29.	Autos and Parts .....	-	34	-	-	-	-
30.	Paper .....	-	-	-	3,421	-	-
31.	Wood Pulp .....	-	-	-	-	-	-
32.	Total .....	78,394	31,542	-	3,421	-	-
	<b>FOREST PRODUCTS</b>						
33.	Pulpwood .....	28,806	-	107,092	-	-	-
34.	Logs, Posts, Poles, Piling .....	-	-	-	-	-	-
35.	Firewood .....	-	-	-	-	-	-
36.	Lumber, Mill, Cooperage stock .....	26,454	410	5,750	-	-	-
37.	Other Forest products .....	-	-	-	-	-	-
38.	Total .....	55,260	410	112,842	-	-	-
	<b>MINE PRODUCTS</b>						
39.	Hard Coal .....	-	-	-	-	-	-
40.	Soft Coal .....	1,250	-	-	-	-	-
41.	Coke .....	-	-	-	-	-	-
42.	Copper Ore .....	-	-	-	-	-	-
43.	Iron Ore .....	-	-	-	-	-	-
44.	Other Ore .....	-	-	5,752	-	-	-
45.	Sand, Gravel and Stone .....	2,700	257,800	42,907	-	-	-
46.	Total .....	3,950	257,800	48,659	-	-	-
47.	All other Freight .....	17,874	62,489	-	-	-	-
48.	<b>GRAND TOTAL</b> .....	155,778	370,829	161,501	3,421	-	-

Tons (2,000 lbs.) of cargo.

ST. LAWRENCE CANALS during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	-	-	-	-	-	24		24
	<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.	-	-	-	6,785	6,785	-	6,785	
3.	-	40,978	-	52,781	52,781	75,913		21,132
4.	-	-	-	-	-	-		
5.	-	-	-	-	-	-		
6.	-	-	-	-	-	-		
7.	-	-	300	-	300	-	300	
8.	-	-	-	-	-	-		
9.	-	-	-	-	-	250		250
10.	-	-	-	-	-	-		
11.	-	-	-	-	-	-		
12.	-	-	-	-	-	-		
13.	-	-	-	-	-	-		
14.	-	40,978	300	59,566	59,866	74,163		14,297
15.	-	-	-	-	-	-		
16.	-	-	-	-	-	-		
17.	-	-	-	-	-	-		
18.	-	-	-	-	-	-		
19.	-	-	-	-	-	-		
20.	-	1,400	15,228	9,620	24,848	40,366		15,518
21.	-	-	63,166	2,415	65,581	91,021		25,440
22.	-	-	-	-	-	-		
23.	-	-	-	45	45	558		513
24.	-	-	-	-	-	-		
25.	-	-	-	65	65	2,516		2,451
26.	-	-	-	-	-	-		
27.	-	11,700	-	32,463	32,463	30,110	2,353	
28.	-	-	-	-	-	-		
29.	-	-	-	34	34	-	34	
30.	-	-	-	3,421	3,421	3,687		266
31.	-	-	-	-	-	-		
32.	-	13,100	78,394	48,063	126,457	168,258		41,801
33.	-	-	135,898	-	135,898	105,832	30,066	
34.	-	-	-	-	-	-		
35.	-	-	-	-	-	32		32
36.	-	-	32,204	410	32,614	39,275		6,661
37.	-	-	-	-	-	-		
38.	-	-	168,102	410	168,512	145,139	23,373	
39.	-	-	-	-	-	-		
40.	-	344,704	1,250	344,704	345,954	313,166	32,788	
41.	-	-	-	-	-	-		
42.	-	-	-	-	-	-		
43.	-	-	-	-	-	-		
44.	-	-	5,752	-	5,752	2,800	2,952	
45.	-	-	45,607	257,800	303,407	303,520		113
46.	-	344,704	52,609	602,504	655,113	619,486	35,627	
47.	9,310	-	27,184	62,489	89,673	102,549		12,876
48.	9,310	398,782	326,589	773,032	1,099,621	1,109,595		9,974

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 ..... No.	-	-	-	-	-	-
	<u>ANIMAL PRODUCTS</u>	Tons	Tons	Tons	Tons	Tons	Tons
2.	Fish .....	-	-	-	-	-	-
3.	Total .....	-	-	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
4.	Petroleum and other Oils .....	160	-	-	-	-	-
5.	Cement, brick, plaster .....	-	-	-	-	-	-
6.	Paper .....	-	-	27,672	-	-	-
7.	Total .....	160	-	27,672	-	-	-
	<u>MINE PRODUCTS</u>						
8.	Hard Coal .....	-	-	-	-	-	-
9.	Soft Coal .....	180	-	-	-	-	-
10.	Sand, gravel & Stone .....	-	-	-	-	-	-
11.	Total .....	180	-	-	-	-	-
12.	All other Freight .....	x50,535	3,310	-	-	-	-
13.	GRAND TOTAL .....	50,875	3,310	27,672	-	-	-

X - Includes 50,515 tons of Fertilizer.

TABLE 22

Traffic on the OTTAWA

		Tons	Tons	Tons	Tons	Tons	Tons
	<u>MANUFACTURES AND MISCELLANEOUS</u>						
1.	Gasoline .....	-	-	-	-	-	-
2.	Petroleum & other Oils .....	-	-	-	-	-	-
3.	Paper .....	-	-	-	3,421	-	-
4.	Total .....	-	-	-	3,421	-	-
	<u>MINE PRODUCTS</u>						
5.	Soft Coal .....	1,250	-	-	-	-	-
6.	Sand, gravel & Stone .....	-	272,500	-	-	-	-
7.	Total .....	1,250	272,500	-	-	-	-
8.	GRAND TOTAL .....	1,250	272,500	-	3,421	-	-

Tons (2,000 lbs.) of Cargo.

Number of pleasure craft lockages in 1951 = 3,547.

RIVER CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	-	-	-	-	-	8		8
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2.	-	-	-	-	-	30		30
3.	-	-	-	-	-	30		30
4.	-	-	160	-	160	84	76	
5.	-	-	-	-	-	200		200
6.	-	-	27,672	-	27,672	27,756		84
7.	-	-	27,832	-	27,832	28,040		208
8.	-	225	-	225	225	-	225	
9.	-	-	180	-	180	-	180	
10.	-	-	-	-	-	225		225
11.	-	225	180	225	405	225	180	
12.	-	Y 16,052	50,535	19,362	69,897	77,078		7,181
13.	-	16,277	78,547	19,587	98,134	105,373		7,239

(Y) Includes 6,723 tons of Fertilizer.

RIVER CANALS during 1951

1.	-	-	-	-	-	3,427		3,427
2.	-	-	-	-	-	1,040		1,040
3.	-	-	-	3,421	3,421	3,462		41
4.	-	-	-	3,421	3,421	7,929		4,508
5.	-	-	1,250	-	1,250	1,275		25
6.	-	-	-	272,500	272,500	285,400		12,900
7.	-	-	1,250	272,500	273,750	286,675		12,925
8.	-	-	1,250	275,921	277,171	294,604		17,433

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.	80	98	-	-	-	-	
<u>AGRICULTURAL PRODUCTS</u>							
	Tons	Tons	Tons	Tons	Tons	Tons	
2. Oats .....	8	-	-	-	-	-	
3. Flour .....	-	28	-	-	-	-	
4. Hay and Straw .....	15	-	-	-	-	-	
5. Other Mill products .....	8	15	-	-	-	-	
6. Fruit and Vegetables .....	183	18	-	-	-	-	
7. Potatoes .....	1,783	51	-	-	-	-	
8. Total .....	1,997	107	-	-	-	-	
<u>ANIMAL PRODUCTS</u>							
9. Fish .....	140	494	-	-	-	-	
10. Dressed meats .....	2	-	-	-	-	-	
11. Other Packing-house products ..	7	-	-	-	-	-	
12. All other Animal products ....	25	31	-	-	-	-	
13. Total .....	174	525	-	-	-	-	
<u>MANUFACTURES AND MISCELLANEOUS</u>							
14. Gasoline .....	-	340	-	-	-	-	
15. Agricultural Implements .....	-	-	-	-	-	-	
16. Cement, brick, plaster .....	-	32	-	-	-	-	
17. Iron and Steel, other .....	3	50	-	-	-	-	
18. Sugar .....	-	-	-	-	-	-	
19. Salt .....	111	-	-	-	-	-	
20. Total .....	114	422	-	-	-	-	
<u>FOREST PRODUCTS</u>							
21. Pulpwood .....	-	1,300	-	-	-	-	
22. Logs, Posts, Poles, Piling ....	19	1	-	-	-	-	
23. Firewood .....	-	2	-	-	-	-	
24. Lumber, Mill, Cooperage stock.	145	21	-	-	-	-	
25. Total .....	164	1,324	-	-	-	-	
<u>MINE PRODUCTS</u>							
26. Soft Coal .....	-	2,304	-	-	-	-	
27. Coke .....	-	242	-	-	-	-	
28. Sand, Gravel and Stone .....	-	4	-	-	-	-	
29. Total .....	-	2,550	-	-	-	-	
30. All other Freight .....	694	107	-	-	-	-	
31. GRAND TOTAL .....	3,143	5,035	-	-	-	-	

Tons (2,000 lbs.) of cargo.

Number of pleasure craft lockages in 1951 = 42.

CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1.	-	-	80	98	178	111	67	
2.	-	-	8	-	8	-	8	
3.	-	-	-	28	28	30		2
4.	-	-	15	-	15	5	10	
5.	-	-	8	10	18	51		33
6.	-	-	183	18	201	111	90	
7.	-	-	1,783	51	1,834	2,013		179
8.	-	-	1,997	107	2,104	2,210		106
9.	-	-	140	494	634	679		45
10.	-	-	2	-	2	1	1	
11.	-	-	7	-	7	-	7	
12.	-	-	25	31	56	2	54	
13.	-	-	174	525	699	682	17	
14.	-	-	-	340	340	50	290	
15.	-	-	-	-	-	1		1
16.	-	-	-	32	32	2	30	
17.	-	-	3	50	53	121		68
18.	-	-	-	-	-	1		1
19.	-	-	111	-	111	31	80	
20.	-	-	114	422	536	206	330	
21.	-	-	-	1,300	1,300	-	1,300	
22.	-	-	19	1	20	-	20	
23.	-	-	-	2	2	9		7
24.	-	-	145	21	166	10	156	
25.	-	-	164	1,324	1,488	19	1,469	
26.	-	-	-	2,304	2,304	3,303		999
27.	-	-	-	242	242	267		25
28.	-	-	-	4	4	-	4	
29.	-	-	-	2,550	2,550	3,570		1,020
30.	-	-	694	107	801	1,118		317
31.	-	-	3,143	5,035	8,178	7,805	373	

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.	Petroleum and other oils .....	900	-	-	-	-	-
2.	Paper .....	-	-	-	-	-	-
3.	Total .....	900	-	-	-	-	-
4.	All other Freight .....	75	-	-	-	-	-
5.	GRAND TOTAL .....	975	-	-	-	-	-

Number of pleasure craft lockages in 1951 = 1,010.

TABLE 25

Traffic on the ST. ANDREW'S

1.	Passengers .....	No.	1,000	1,408	-	-	-	-
			Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS</u>							
2.	Oats .....		-	5	-	-	-	-
3.	Flour .....		-	165	-	-	-	-
4.	Hay and Straw .....		-	187	-	-	-	-
5.	Fruit and Vegetables .....		18	40	-	-	-	-
6.	Potatoes .....		-	-	-	-	-	-
7.	Total .....		18	397	-	-	-	-
	<u>ANIMAL PRODUCTS</u>							
8.	Fish .....		3,553	-	-	-	-	-
9.	Dressed Meats .....		-	25	-	-	-	-
10.	All other Animal Products .....		9	2	-	-	-	-
11.	Total .....		3,562	27	-	-	-	-
	<u>MANUFACTURES AND MISCELLANEOUS</u>							
12.	Gasoline .....		-	1,091	-	-	-	-
13.	Petroleum and other Oils .....		2	265	-	-	-	-
14.	Cement, Brick, Plaster .....		40	159	-	-	-	-
15.	Iron and Steel, other .....		194	357	-	-	-	-
16.	Beverages .....		-	170	-	-	-	-
17.	Autos and Parts .....		25	32	-	-	-	-
18.	Total .....		261	2,074	-	-	-	-
	<u>FOREST PRODUCTS</u>							
19.	Firewood .....		92	-	-	-	-	-
20.	Lumber, Mill, Cooperage stock .....		5,952	134	-	-	-	-
21.	Total .....		6,044	134	-	-	-	-
	<u>MINE PRODUCTS</u>							
22.	Soft Coal .....		45	45	-	-	-	-
23.	Sand, Gravel and Stone .....		220	-	-	-	-	-
24.	Total .....		265	45	-	-	-	-
25.	All other Freight .....		271	3,395	-	-	-	-
26.	GRAND TOTAL .....		10,421	6,072	-	-	-	-

Tons (2,000 lbs.) of cargo.

Number of pleasure craft lockages in 1951 = 362.



CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	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.	-	2,358	900	2,358	3,258	2,744	514	
2.	-	-	-	-	-	225		225
5.	-	2,358	900	2,358	3,258	2,969	289	
4.	-	-	75	-	75	-	75	
5.	-	2,358	975	2,358	3,333	2,969	364	

CANAL during 1951

1.	-	-	1,000	1,408	(1) 2,408	1,995	413	
	<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.	-	-	-	5	5	11		6
3.	-	-	-	165	165	271		106
4.	-	-	-	187	187	176	11	
5.	-	-	18	40	58	47	11	
6.	-	-	-	-	-	9		9
7.	-	-	18	397	415	514		99
8.	-	-	3,553	-	3,553	1,925	1,628	
9.	-	-	-	25	25	17	8	
10.	-	-	9	2	11	16		5
11.	-	-	3,562	27	3,589	1,958	1,631	
12.	-	-	-	1,091	1,091	682	409	
13.	-	-	2	265	267	33	234	
14.	-	-	40	159	199	371		172
15.	-	-	194	357	551	233	318	
16.	-	-	-	170	170	172		2
17.	-	-	25	32	57	57		
18.	-	-	261	2,074	2,335	1,548	787	
19.	-	-	92	-	92	43	49	
20.	-	-	5,952	134	6,086	8,533		2,447
21.	-	-	6,044	134	6,178	8,576		2,398
22.	-	-	45	45	90	-	90	
23.	-	-	220	-	220	-	220	
24.	-	-	265	45	310	-	310	
25.	-	-	271	3,395	3,666	2,305	1,361	
26.	-	-	10,421	6,072	16,493	14,901	1,592	

(1) Exclusive of 913 passengers carried in pleasure crafts.

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.	362	472	-	-	-	-
	<b>MANUFACTURES AND MISCELLANEOUS</b>	Tons	Tons	Tons	Tons	Tons	Tons
2.	Gasoline .....	3	-	-	-	-	-
3.	Petroleum and other Oils .....	3	-	-	-	-	-
4.	Cement, Brick, Plaster .....	42	-	-	-	-	-
5.	Iron and Steel, other .....	13	-	-	-	-	-
6.	Total .....	61	-	-	-	-	-
	<b>FOREST PRODUCTS</b>						
7.	Logs, Posts, Poles, Piling .....	-	-	-	-	-	-
8.	Lumber, Mill, Cooperage stock .....	182	61	-	-	-	-
9.	Other Forest Products .....	-	30	-	-	-	-
10.	Total .....	182	91	-	-	-	-
	<b>MINE PRODUCTS</b>						
11.	Soft Coal .....	40	-	-	-	-	-
12.	Sand, Gravel and Stone .....	2	688	-	-	-	-
13.	Total .....	42	688	-	-	-	-
14.	All other Freight .....	30	104	-	-	-	-
15.	GRAND TOTAL .....	315	883	-	-	-	-

Number of pleasure craft lockages in 1951 = 21,390.

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

TABLE 27

Traffic on the TRENT

	AGRICULTURAL PRODUCTS	Tons	Tons	Tons	Tons	Tons	Tons
1.	Oats .....	-	2	-	-	-	-
2.	Hay and Straw .....	-	8	-	-	-	-
3.	Potatoes .....	-	3	-	-	-	-
4.	Total .....	-	13	-	-	-	-
	<b>MANUFACTURES AND MISCELLANEOUS</b>						
5.	Gasoline .....	22	40	-	-	-	-
6.	Petroleum and other Oils .....	13	16	-	-	-	-
7.	Cement, Brick, Plaster .....	-	-	-	-	-	-
8.	Iron and Steel, other .....	-	-	-	-	-	-
9.	Total .....	35	56	-	-	-	-
	<b>FOREST PRODUCTS</b>						
10.	Logs, Posts, Poles, Piling .....	-	-	-	-	-	-
11.	Firewood .....	-	83	-	-	-	-
12.	Lumber, Mill, Cooperage stock .....	-	-	-	-	-	-
13.	Total .....	-	83	-	-	-	-
	<b>MINE PRODUCTS</b>						
14.	Hard Coal .....	-	-	-	-	-	-
15.	Sand, Gravel and Stone .....	-	-	-	-	-	-
16.	Total .....	-	-	-	-	-	-
17.	All other Freight .....	97	70	-	-	-	-
18.	GRAND TOTAL .....	132	222	-	-	-	-

Number of pleasure craft lockages in 1951 = 17,759.

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

CANAL during 1951

	U. S. to Canada		T o t a l		Grand Total		Compared with 1950	
	Up	Down	Up	Down	1951	1950	Increase	Decrease
1.	-	-	362	472	(1) 834	505	329	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2.	-	-	3	-	3	2	1	
3.	-	-	3	-	3	1	2	
4.	-	-	42	-	42	38	4	
5.	-	-	13	-	13	12	1	
6.	-	-	61	-	61	53	8	
7.	-	-	-	-	-	37		37
8.	-	-	182	61	243	168	75	
9.	-	-	-	50	50	24	6	
10.	-	-	182	91	273	229	44	
11.	-	-	40	-	40	93		53
12.	-	-	2	688	690	801		111
13.	-	-	42	688	730	894		164
14.	-	-	30	104	134	39	95	
15.	-	-	315	883	1,198	1,215		17

(1) (Exclusive of 21,149 passengers on sight-seeing pleasure boat cruises.  
(Exclusive of 60,264 passengers carried in pleasure crafts.)

CANAL during 1951

	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1.	-	-	-	2	2	-	2	
2.	-	-	-	8	8	10		2
3.	-	-	-	3	3	-	3	
4.	-	-	-	13	15	10	3	
5.	-	-	22	40	62	79		17
6.	-	-	13	16	29	32		3
7.	-	-	-	-	-	49		49
8.	-	-	-	-	-	17		17
9.	-	-	35	56	91	177		86
10.	-	-	-	-	-	45		45
11.	-	-	-	83	83	64	19	
12.	-	-	-	-	-	33		33
13.	-	-	-	83	83	142		59
14.	-	-	-	-	-	6		6
15.	-	-	-	-	-	3		3
16.	-	-	-	-	-	9		9
17.	-	-	97	70	167	264		97
18.	-	-	132	222	354	602		248

138,861 passengers carried in small boats.  
One passenger through one lock recorded as "1".









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