

54-861
Published by Authority of the Rt. Hon. C.D. Howe, M.P.,
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION DIVISION
OTTAWA

Dominion Statistician, HERBERT MARSHALL
Director, Transportation Division, G.S. Wrong

20-1300

SUMMARY OF CANAL STATISTICS
FOR DECEMBER AND
SEASON OF NAVIGATION
1 9 4 8

FEB 5 1949

The season of navigation closed for the Sault Ste. Marie Canadian Canals on December 14th, and for the United States Locks on December 16th; for the Welland Ship Canal on December 18th, and for the St. Lawrence Canals on December 6th. The St. Peter's Canal was open at the end of the year, and the other canals were closed during November and early December.

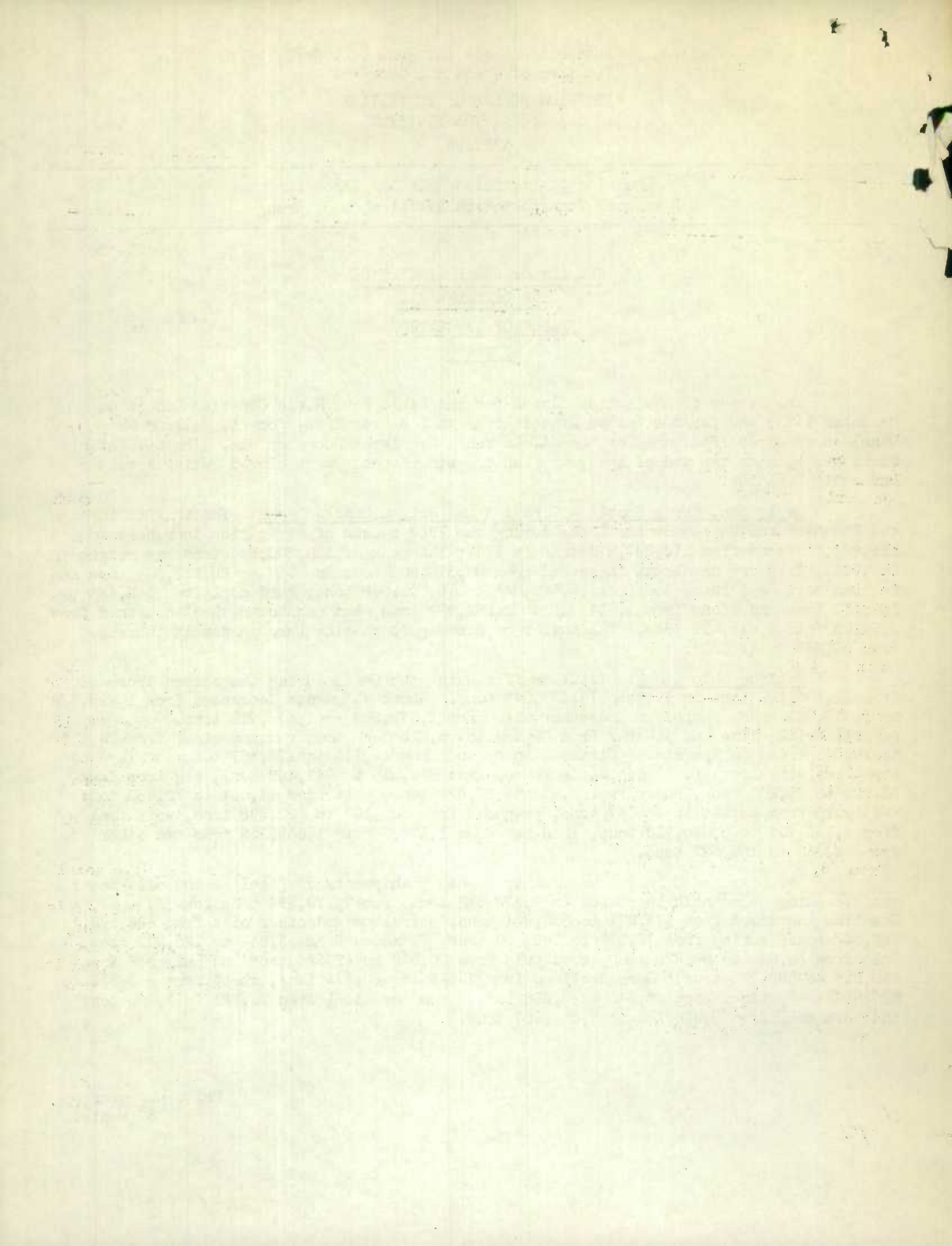
Sault Ste. Marie Canals - Canadian and United States Locks: The traffic through the Canadian and United States Locks during the 1948 season of navigation increased to 115,894,650 tons from 110,887,970 tons in 1947; the peak of 120,200,814 tons was reached in 1941. Iron ore downbound increased from 80,576,904 tons in 1947 to 85,231,804 tons and upbound soft coal increased from 15,529,045 to 16,558,048 tons, hard coal from 342,686 to 360,671 tons and stone from 1,214,760 to 1,322,999 tons, but downbound wheat declined from 7,591,376 to 6,613,419 tons. The number of passengers passing through canals increased from 90,568 to 112,516.

Welland Ship Canal: Total traffic using the Canal during the season increased from 11,805,575 tons in 1947 to 13,437,849 tons. Wheat shipments decreased from 1,798,378 to 1,748,323 tons, petroleum and other oils from 1,571,579 to 1,432,719 tons, cement, brick, lime and plaster from 65,139 to 55,215 tons and iron and steel from 26,413 to 10,041 tons. Shipments of flaxseed increased from 51,145 to 172,367 tons; barley and corn also were heavier. Gasoline increased from 814,216 to 842,458 tons, pig iron from 30,693 to 79,200 tons, sugar from 8,932 to 27,822 tons, salt from 48,061 to 72,789 tons, wood pulp from 22,184 to 36,667 tons, pulpwood from 501,199 to 522,598 tons, soft coal from 4,152,753 to 5,044,710 tons, iron ore from 1,176,069 to 1,645,952 tons and other ore from 78,345 to 156,547 tons.

St. Lawrence Canals: Due mainly to heavy shipments of gasoline and oils total traffic using the canals increased to 7,378,010 tons from 7,179,594 tons for 1947. Gasoline increased from 477,971 to 590,844 tons, petroleum and other oils from 696,529 to 788,642 tons, barley from 75,538 to 186,430 tons, flaxseed from 13,944 to 125,902 tons, salt from 36,526 to 66,829 tons, wood pulp from 20,549 to 42,554 tons and pulpwood from 559,913 to 588,774 tons. Corn declined from 75,284 to 55,375 tons, wheat from 940,355 to 887,947 tons, flour from 22,545 to 6,388 tons, iron and steel from 20,221 to 9,020 tons and soft coal from 2,940,259 to 2,644,484 tons.

Price per year
50 cents.

4/2/49



Sault Ste. Marie Canal

D E C E M B E R

<u>EAST BOUND</u>		1 9 4 8		1 9 4 7	
		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
Pulpwood	Tons	-	-	-	-
Lumber	"	-	-	-	-
Flour	"	471	471	-	900
Wheat	"	55,085	679,115	15,314	660,806
Other Grain	"	31,001	233,307	23,359	156,979
Copper and Zinc	"	-	-	-	-
Iron Ore	"	-	656,606	-	692,553
Scrap Iron	"	-	6,900	-	9,688
Structural Steel	"	-	5,900	-	-
Stone	"	-	-	-	-
Other Freight	"	8,120	8,120	5,413	8,775
Total	"	94,677	1,590,419	44,086	1,529,701
Passengers	Number	24	37	3	11
<u>WEST BOUND</u>					
Coal, soft	Tons	5,422	12,970	8,109	65,409
Coal, hard	"	-	-	-	-
Coke	"	-	-	-	-
Iron Ore	"	-	-	-	-
Structural Steel	"	-	7,847	-	-
Salt	"	66	66	113	113
Oil and Gasoline	"	205	205	191	191
Stone	"	-	7,129	-	44,189
Other Freight	"	13,998	14,170	13,659	13,659
Total	"	19,691	42,387	22,072	123,561
Passengers	Number	-	6	-	7
Total Freight	Tons	114,368	1,632,806	66,158	1,653,262
Total Passengers	Number	24	43	3	18
Number of Vessels		69	499	44	426
Registered Tonnage	Net	83,731	1,113,521	70,162	1,072,384

Dear Sir,

I have the pleasure to inform you that your order of _____ dated _____ has been received and is being processed.

The goods are expected to be ready for delivery by _____.

Should you have any queries, please do not hesitate to contact me.

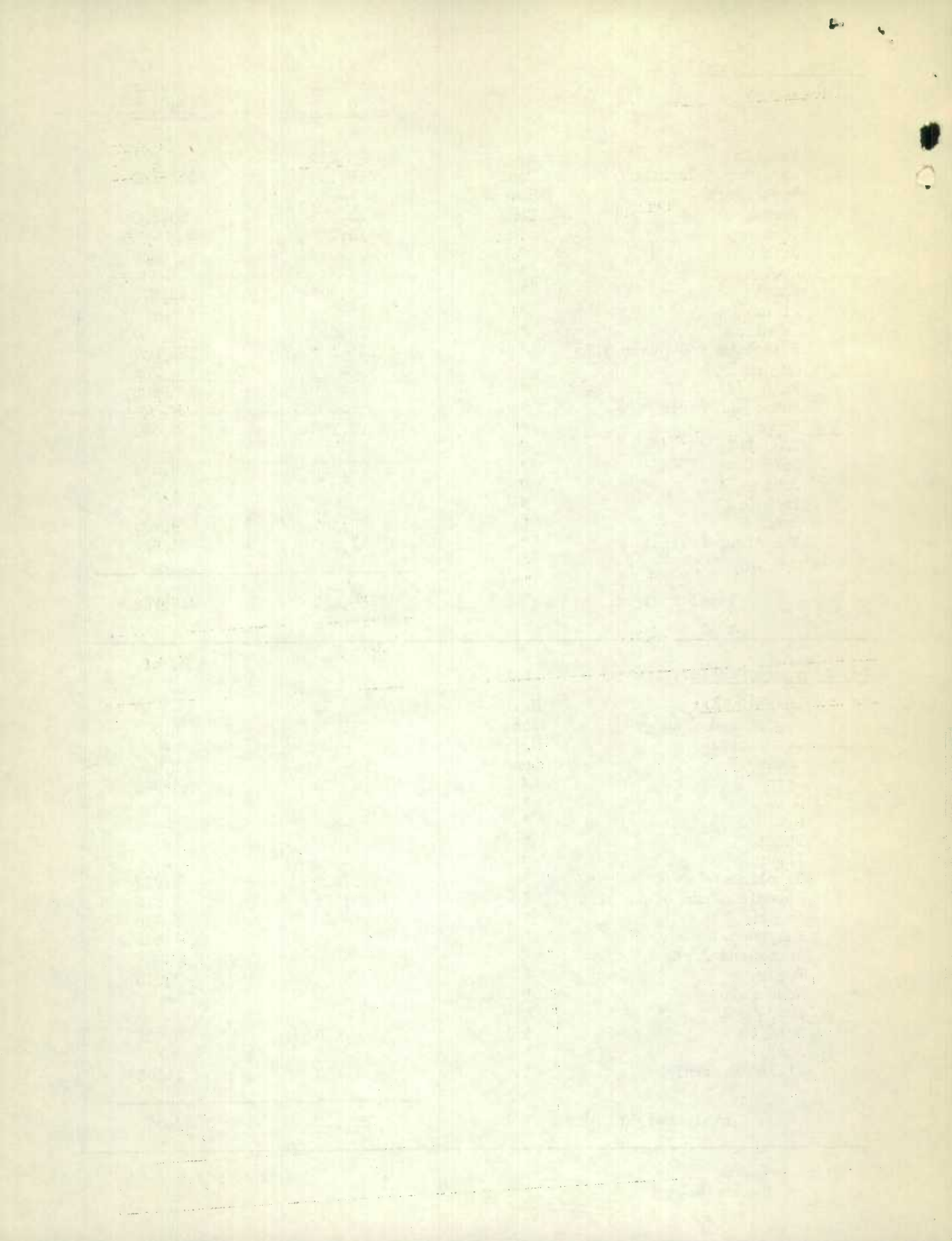
Yours faithfully,

Welland Ship Canal:

		December 1 9 4 8	December 1 9 4 7
Vessels	No	229	244
Registered Tonnage	Tons	358,420	441,139
Passengers	No.	-	-
Barley	Tons	23,302	30,513
Corn	"	13,249	-
Oats	"	-	-996
Rye	"	-	-
Wheat	"	60,947	145,376
Flour	"	-	-
Gasoline	"	43,050	33,210
Petroleum and Other Oils	"	131,029	131,817
Sugar	"	-	905
Pulpwood	"	-	-305
Autos and Parts	"	-	-
Paper	"	12,100	8,550
Wood Pulp	"	-	-
Soft Coal	"	75,465	68,564
Coke	"	-	-
Iron Ore	"	-	-
Sand	"	6,300	6,700
All other Freight	"	21,050	20,822
Total Freight		386,490	447,758

St. Lawrence Canals:

Vessels	No.	31	49
Registered Tonnage	Tons	29,096	37,807
Passengers	No.	-	-
Barley	Tons	-	1,800
Corn	"	2,454	4,865
Oats	"	-	-
Rye	"	-	-
Wheat	"	1,920	-
Flour	"	-	-
Gasoline	"	2,200	1,877
Petroleum and Other Oils	"	10,135	7,815
Sugar	"	-	5,748
Pulpwood	"	-	-305
Autos and Parts	"	-	-
Paper	"	-	2,043
Wood Pulp	"	-	-
Hard Coal	"	-	-
Soft Coal	"	3,606	8,071
Sand	"	-	-
All other Freight	"	1,532	1,563
Total Freight		21,927	34,087



- 4 -
D E C E M B E R

	Richelieu River Canal		Murray Canal		St. Peter's Canal		All Canadian Canals	
	1948	1947	1948	1947	1948	1947	1948	1947
Vessels	4	-	1	-	62	37	396	374
Reg'd Tonnage	465	-	80	-	4,085	2,605	475,877	551,713
Passengers	-	-	-	-	330	1	354	4
Total Freight	5	-	-	-	2,278	2,595	524,968	550,598
Pleasure Craft	-	-	9	-	-	-	9	-

SUMMARY OF CANAL TRAFFIC
FOR SEASON OF NAVIGATION, 1948

Sault Ste. Marie Canal

Season of Navigation

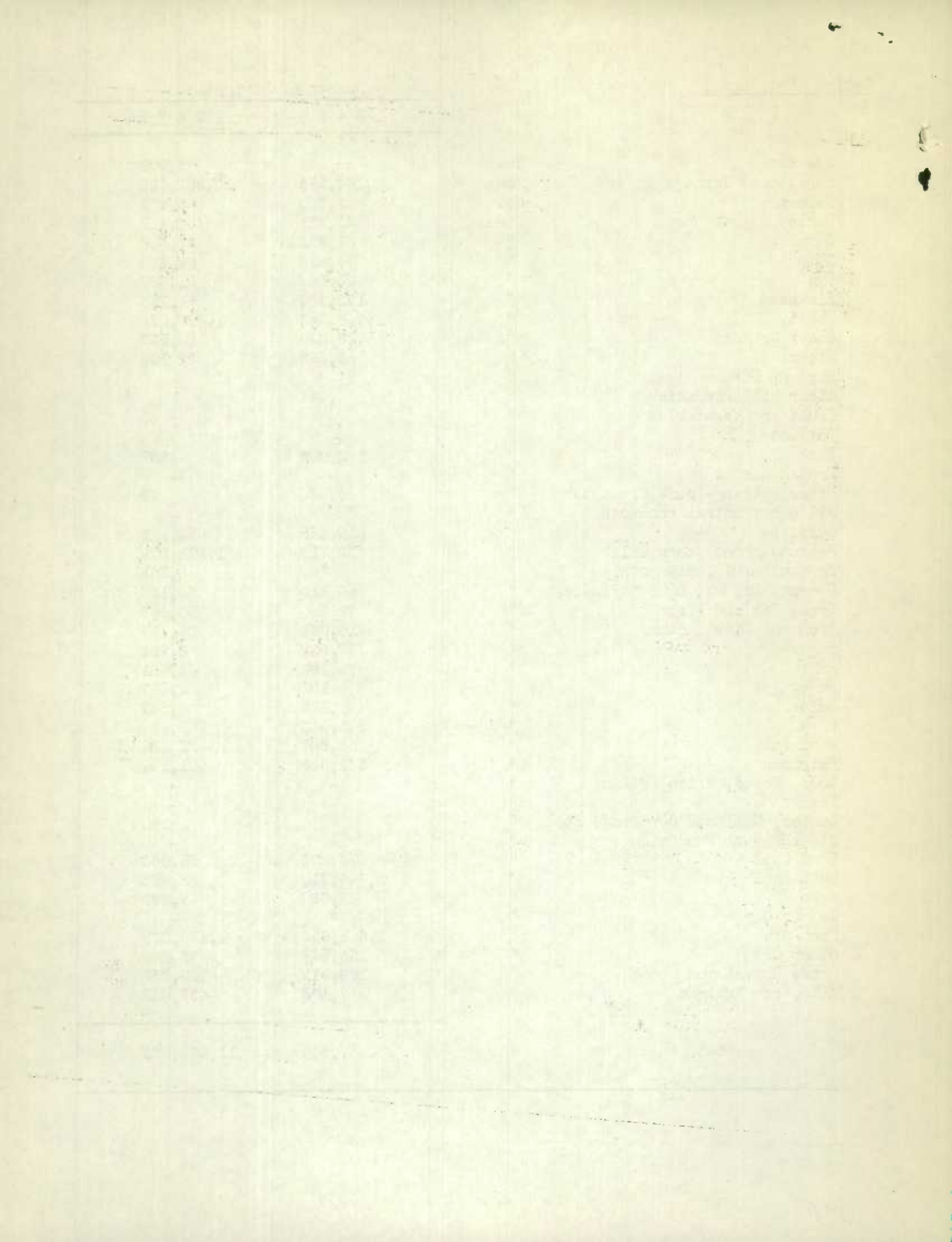
		1 9 4 8		1 9 4 7	
		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
<u>EAST BOUND</u>					
Pulpwood	Tons	158,884	688,930	197,856	793,434
Lumber	"	-	-	100	100
Flour	"	61,119	62,552	52,951	53,851
Wheat	"	422,135	6,613,419	448,139	7,591,376
Other Grain	"	552,912	2,584,431	430,781	2,347,149
Copper and Zinc	"	-	-	-	-
Iron Ore	"	2,734	85,231,804	2,673	80,576,904
Scrap Iron	"	-	125,970	-	69,989
Structural Steel	"	16,878	112,984	20	126,129
Stone	"	41,720	45,945	29,090	29,090
Other Freight	"	249,398	297,994	266,323	306,634
Total	"	1,505,778	95,764,029	1,427,933	91,894,656
Passengers	Number	48,135	56,464	38,136	45,468
<u>WEST BOUND</u>					
Coal, soft	Tons	274,363	16,558,048	192,304	15,529,045
Coal, hard	"	9,804	360,671	18,041	342,686
Coke	"	1,800	1,800	5,000	5,000
Iron Ore	"	-	198,430	1,100	345,264
Structural Steel	"	1,923	42,701	3,166	41,618
Salt	"	4,093	47,578	11,551	58,453
Oil and Gasoline	"	175,097	1,022,967	109,764	925,860
Stone	"	-	1,322,999	-	1,214,760
Other Freight	"	398,204	575,427	359,471	530,628
Total	"	865,284	20,130,621	700,397	18,993,314
Passengers	Number	15,572	56,052	15,646	45,100
Total Freight	Tons	2,371,062	115,894,650	2,128,330	110,887,970
Total Passengers	Number	63,707	112,516	53,782	90,568
Number of Vessels		4,075	23,896	2,823	21,227
Registered Tonnage	Net	4,797,518	86,848,565	4,747,750	83,189,132

Year	Month	Day	Event	Location	Remarks
1901	Jan	1	...	...	...
1901	Jan	2	...	...	...
1901	Jan	3	...	...	...
1901	Jan	4	...	...	...
1901	Jan	5	...	...	...
1901	Jan	6	...	...	...
1901	Jan	7	...	...	...
1901	Jan	8	...	...	...
1901	Jan	9	...	...	...
1901	Jan	10	...	...	...
1901	Jan	11	...	...	...
1901	Jan	12	...	...	...
1901	Jan	13	...	...	...
1901	Jan	14	...	...	...
1901	Jan	15	...	...	...
1901	Jan	16	...	...	...
1901	Jan	17	...	...	...
1901	Jan	18	...	...	...
1901	Jan	19	...	...	...
1901	Jan	20	...	...	...
1901	Jan	21	...	...	...
1901	Jan	22	...	...	...
1901	Jan	23	...	...	...
1901	Jan	24	...	...	...
1901	Jan	25	...	...	...
1901	Jan	26	...	...	...
1901	Jan	27	...	...	...
1901	Jan	28	...	...	...
1901	Jan	29	...	...	...
1901	Jan	30	...	...	...
1901	Jan	31	...	...	...

Welland Ship Canal

Season of Navigation

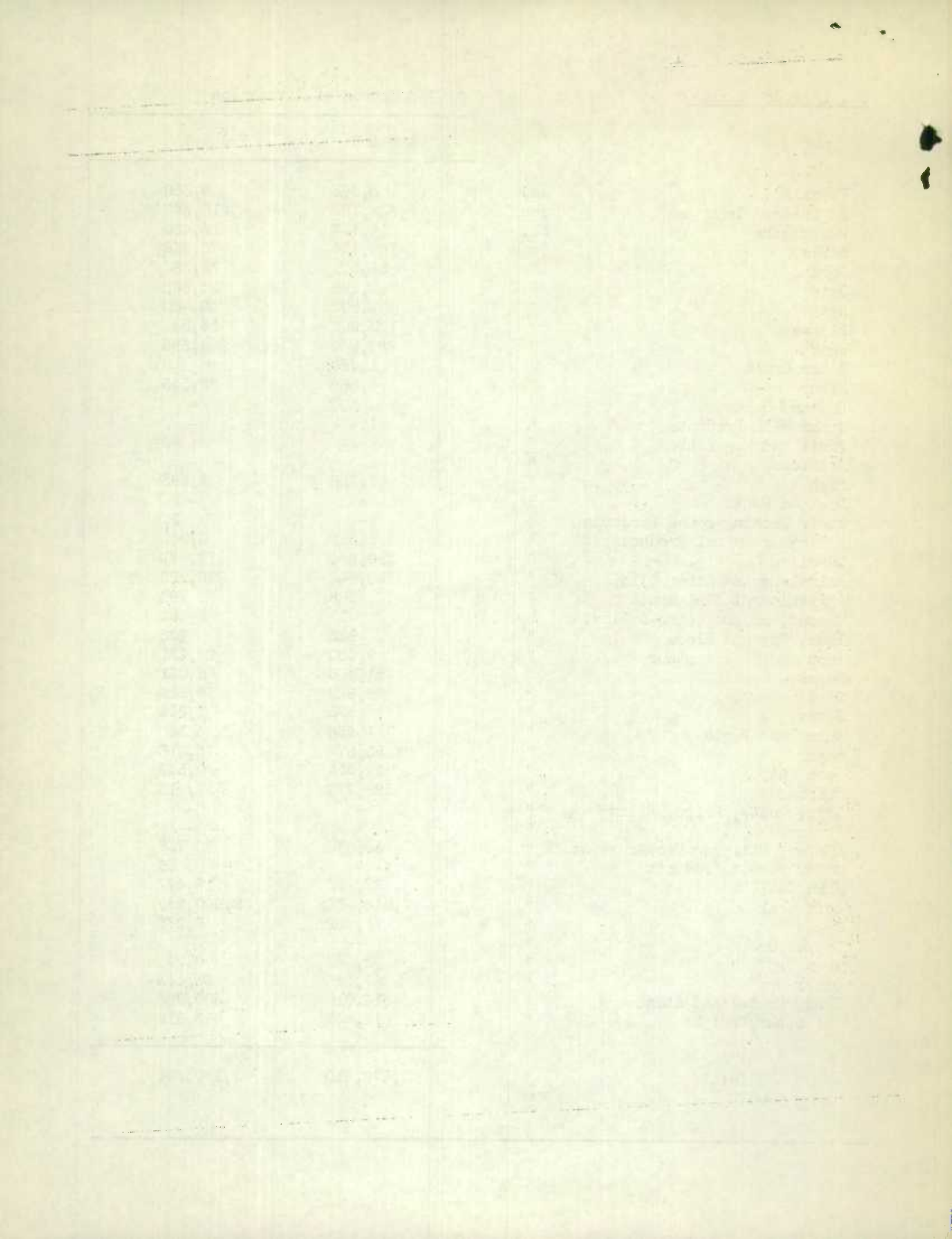
		1948	1947
Vessels	No.	6,546	5,909
Registered Tonnage	Tons	12,147,553	10,881,522
Passengers	No.	5,790	5,273
Barley	Tons	325,331	304,417
Corn	"	61,425	50,308
Oats	"	76,512	96,865
Rye	"	49,647	51,397
Flaxseed	"	172,367	51,145
Wheat	"	1,748,323	1,798,378
Other Grains	"	28,030	30,537
Flour	"	5,532	22,195
Hay and Straw	"	-	-
Other Mill Products	"	2,451	-
Fruit and Vegetables	"	-	- 60
Potatoes	"	-	-
Fish	"	2,008	-889
Dressed Meats	"	-	-
Other Packing-House Products	"	3,450	- 29
All other Animal Products	"	-	-
Gasoline	"	842,458	814,216
Petroleum and other Oils	"	1,432,719	1,571,579
Agricultural Implements	"	250	2,768
Cement, Bricks, Lime & Plaster	"	55,215	65,139
Iron, Pig and Bloom	"	79,200	30,693
Iron and Steel, other	"	10,041	26,413
Sugar	"	27,822	8,932
Salt	"	72,789	48,061
Beverages	"	183	2,347
Autos and Parts	"	1,377	3,567
Paper	"	205,940	193,447
Wood Pulp	"	36,667	22,184
Pulpwood	"	522,598	501,199
Logs, Posts, Poles, Piling	"	-	-
Firewood	"	-	-
Lumber, Mill and Cooperage Stock	"	-	-100
Other Forest Products	"	-	-
Hard Coal	"	70,203	55,964
Soft Coal	"	5,044,710	4,152,753
Coke	"	42,087	47,692
Copper Ore	"	-	-
Iron Ore	"	1,645,952	1,176,069
Other Ore	"	156,547	78,345
Sand, Gravel and Stone	"	188,912	160,232
All other Freight	"	527,103	437,655
Total	"	13,437,849	11,805,575



St. Lawrence Canals:

Season of Navigation

		1948	1947
Vessels	No.	8,063	8,038
Registered Tonnage	Tons	6,329,182	6,210,347
Passengers	No.	12,417	13,430
Barley	Tons	186,430	75,538
Corn	"	55,375	75,284
Oats	"	35,199	24,525
Rye	"	42,892	46,760
Flaxseed	"	125,902	13,944
Wheat	"	887,947	940,355
Other Grains	"	1,780	-
Flour	"	6,388	22,545
Hay and Straw	"	106	-
Other Mill Products	"	1,472	-
Fruit and Vegetables	"	-	- 60
Potatoes	"	-	-
Fish	"	2,258	1,593
Dressed Meats-	"	-	-
Other Packing-house Products	"	-	29
All other Animal Products	"	2,612	4,045
Gasoline	"	590,844	477,971
Petroleum and Other Oils	"	788,642	696,529
Agricultural Implements	"	648	780
Cement, Bricks, Lime & Plaster	"	17	2,484
Iron, Pig and Bloom	"	125	705
Iron and Steel, other	"	9,020	20,221
Sugar	"	31,656	36,061
Salt	"	66,829	36,526
Beverages	"	303	1,254
Autos and Parts	"	1,258	4,320
Paper	"	88,875	73,016
Wood Pulp	"	42,554	20,549
Pulpwood	"	588,774	559,913
Logs, Posts, Poles, Piling	"	-	-
Firewood	"	-	-
Lumber, Mill and Cooperage Stock	"	38,033	30,752
Other Forest Products	"	-	60
Hard Coal	"	27,432	16,477
Soft Coal	"	2,644,484	2,940,259
Coke	"	5,382	8,265
Copper Ore	"	-	-
Iron Ore	"	92,437	90,736
Other Ore	"	87,123	63,443
Sand, Gravel and Stone	"	314,010	300,983
All other Freight	"	611,203	593,612
Total	"	7,378,010	7,179,594



SEASON OF NAVIGATION, 1948

		Ottawa River Canal		:	Rideau Canal	
		1948	1947	:	1948	1947
Vessels	No.	1,106	1,286		144	138
Registered Tonnage	Tons	306,827	304,617		5,821	6,132
Passengers	No.	-	-		(1) 240	121
Total Freight	Tons	263,343	254,827		1,323	1,508
Pleasure Craft Lockages		3,844	3,008		18,387	15,342
		Richelieu River Canal		:	Trent Canal	
Vessels	No.	605	538		554	534
Registered Tonnage	Tons	94,314	74,342		59,915	42,207
Passengers	No.	-	74		-	2
Total Freight	Tons	91,365	61,086		38,681	30,605
Pleasure Craft Lockages		157	293		8	11,852
		Murray Canal		:	St. Peter's Canal	
Vessels	No.	97	55		816	884
Registered Tonnage	Tons	37,234	21,813		42,509	44,370
Passengers	No.	-	-		456	325
Total Freight	Tons	2,939	1,000		20,573	34,262
Pleasure Craft Lockages		983	717		-	-
		St. Andrew's Canal		:	All Canadian Canals	
Vessels	No.	612	669		22,618	20,879
Registered Tonnage	Tons	72,864	76,769		23,893,737	22,424,123
Passengers	No.	2,930	3,073		85,540	76,080
Total Freight	Tons	18,696	17,152		23,623,841	21,537,191
Pleasure Craft Lockages		370	386		23,749	31,598

(1) Exclusive of 14,952 passengers at Ottawa.

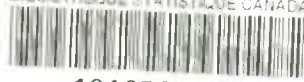
TRAFFIC ON CANADIAN CANALS

1948

Canal	Vessels No.	Registered Tonnage	Passengers Number	Tons	Freight Tonnage compared with 1947 (Increase +) (Decrease -)
Sault Ste. Marie	4,075	4,797,518	63,707	2,371,062	+ 242,732
Welland Ship	6,546	12,147,553	5,790	13,437,849	+ 1,609,022
St. Lawrence	8,063	6,329,182	12,417	7,378,010	- 198,416
Ottawa River	1,106	306,827	-	263,343	+ 8,516
Rideau	144	5,821	-240	1,323	- 185
Richelieu River	605	94,314	-	91,365	+ 30,279
Trent	554	59,915	-	38,681	- 8,076
Murray	97	37,234	-	2,939	+ 1,939
St. Andrew's	612	72,864	2,930	18,696	+ 1,544
St. Peter's	816	42,509	456	20,573	- 13,689
TOTAL /	22,618	23,893,737	85,540	23,623,841	+ 2,086,650

/ Includes duplications and is affected by the proportion of the total traffic at Sault Ste. Marie using the Canadian Lock.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010702495