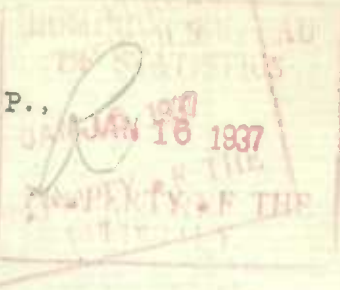


Published by Authority of the HON. W.D. EULER, M.P.,
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA



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SUMMARY OF CANAL TRAFFIC

FOR

DECEMBER

AND

SEASON OF NAVIGATION

1936

*See also
Official Report
Summary of
Canal Traffic
1848-1936*

Sault Ste. Marie Canals - Canadian and United States Locks: The Canadian lock at Sault Ste. Marie closed for the season on December 17 and the United States locks closed on the day previous. This was three days later than in 1935 but December traffic was lighter by 67,120 tons, decreasing from 440,117 tons to 372,997 tons due mainly to light grain shipments in 1936.

For the season of navigation total freight passed through the locks increased from 48,292,973 tons in 1935 to 69,528,795 tons which was by far the greatest tonnage since 1930 and was over three times the traffic through the locks in 1932. This improvement was due largely to a revival of east-bound iron ore shipments which increased from 29,277,506 tons in 1935 to 47,069,935 tons, or by 61 per cent. Up-bound soft coal increased from 8,953,942 tons to 12,185,849 tons, or by 36 per cent. Wheat shipments were lighter by 9.5 per cent, but other grains increased by 16 per cent. The number of vessel passages through the locks was 16,614 as against 12,959 in 1935. Of these, 3,235 used the Canadian lock and they carried 2,277,899 tons of freight and 22,668 passengers in 1936.

Welland Ship Canal: Navigation opened two weeks later than in 1935 and closed a week earlier but freight traffic for the canal was a new high record, amounting to 10,437,802 tons, as against 8,953,383 tons in 1935 and 9,280,452 tons in 1934, the previous record. The large gains over 1935 were 448,024 tons of wheat, or 14,934,133 bushels, 448,403 tons of soft coal, 149,847 tons of iron ore, 85,540 tons of other ore, 95,170 tons of pulpwood, 76,832 tons of gasoline, 48,006 tons of barley and 52,089 tons of iron and steel. The only large decreases were in agricultural products, rye decreasing by 49,611 tons, oats by 7,326 tons and other mill products by 22,023 tons. The number of vessels using the canal increased from 5,092 in 1935 to 6,399 and the number of passengers carried from 1,354 to 2,054. Prior to the construction of the new canal practically no passengers were carried through this canal.

St. Lawrence Canals: Freight using the canals amounted to 8,288,416 tons, almost reaching the record made in 1928 of 8,411,542 tons, and was 1,414,761 tons greater than the 1935 total. Wheat shipments reached 2,375,807 tons, or 900,991 tons above the 1935 shipments, soft coal was heavier by 176,446 tons, pulpwood by 100,742 tons, paper by 68,617 tons, gasoline by 33,298 tons, petroleum and other oils by 65,208 tons, coke by 99,081 tons, iron ore by 55,840 tons, and other ore by 25,947 tons. Rye showed a decrease from 87,265 tons to 37,006 tons, oats from 124,961 tons to 101,433 tons, wood pulp from 380,878 tons to 323,507 tons, and hard coal from 426,422 tons to 339,148 tons. The number of vessels using the canals decreased from 10,326 in 1935 to 10,405 and the number of passengers carried declined from 2,324 to 2,197.

The Chambly, St. Peters, Trent and St. Andrews canals also showed greater freight tonnage than in 1935 and the Murray, Ottawa and Rideau canals showed decreased traffic. The total for all Canadian canals was 21,467,809 tons, as against 18,205,989 tons in 1935. These totals include considerable duplications where cargoes use two or more canals in being carried from origin to destination.

DECEMBER

Sault Ste. Marie Canals

1936 : 1935

Canadian Lock : Canadian & U.S. Locks : Canadian Lock : Canadian & U.S. Locks

EAST BOUND

Lumber	M Ft. B.M.	...	219	...	282
Flour	Barrels	98,060	222,820	119,050	383,200
Wheat	Bushels	368,700	8,277,656	854,533	9,901,636
Other Grain	"	...	2,038,751	136,000	3,891,214
Copper	Short Tons	...	693	...	2,330
Iron Ore	" "	...	...	...	...
Pig Iron	" "	...	23,248	...	...
Structural Steel	" "	365	501	...	70
Stone	" "	...	...	...	150
Other Freight	" "	1,954	2,855	5,532	11,745
Total	" "	23,186	341,857	45,386	421,233
Passengers	Number	18	31	20	21

WEST BOUND

Coal, soft	Short Tons	...	5,915	...	...
Coal, hard	" "	...	...	...	...
Coke	" "	...	...	...	...
Iron Ore	" "	...	...	...	...
Structural Steel	" "	672	964	685	685
Salt	" "	1,350	1,875	785	2,440
Oil - Gasolene	" "	...	51	9	79
Stone	" "	...	...	...	...
Other Freight	" "	10,655	22,335	10,060	15,680
Total	" "	12,677	31,140	11,539	18,884
Passengers	Number	1	1	...	...

Total Freight	Short Tons	35,863	372,997	56,925	440,117
Total Passengers	Number	19	32	20	21
Number of vessels		42	169	62	202
Registered Tonnage Net		28,557	248,660	50,530	311,226

Welland Ship Canal:

		December 1936	December 1935
Vessels	No.	126	114
Registered Tonnage	Tons	223,185	135,491
Passengers	No.	...	...
Barley	Tons	2,564	360
Corn	"	4,172	7,028
Oats	"	2,176	...
Rye	"	2,316	336
Wheat	"	36,619	65,749
Other Grains	"	2,161	2,884
Flour	"	9,199	12,465
Gasolene	"	9,382	6,781
Petroleum & Other Oils	"	14,100	12,260
Sugar	"	...	3,565
Pulpwood	"	...	2,526
Autos and Parts	"	50	...
Paper	"	7,056	4,047
Wood Pulp	"	...	...
Soft Coal	"	110,971	22,101
Coke	"	4,700	5,634
Iron Ore	"	...	...
Sand	"	...	1,800
All other freight	"	13,244	13,376
Total Freight	"	232,340	167,346

Year	Month	Day	Time	Location	Notes
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1912	Jan	26	10:00
1912	Jan	27	10:00
1912	Jan	28	10:00
1912	Jan	29	10:00
1912	Jan	30	10:00
1912	Jan	31	10:00

St. Lawrence Canals:		December 1936	December 1935
Vessels	No.	65	104
Registered Tonnage	Tons	22,461	54,724
Passengers	No.	...	...
Barley	Tons	...	879
Corn	"	...	...
Oats	"	1,734	2,277
Rye	"	...	...
Wheat	"	9,922	18,028
Other Grains	"	...	2,884
Flour	"	...	2,835
Gasolene	"	...	2,140
Petroleum & Other Oils	"	...	...
Sugar	"	...	100
Pulpwood	"	...	2,526
Autos and Parts	"	8	...
Paper	"	...	...
Wood Pulp	"	...	...
Hard Coal	"	...	...
Soft Coal	"	5,720	5,381
Sand	"	...	...
All other Freight	"	4,193	6,274
Total Freight	"	21,577	43,599

Ottawa Canal		Rideau Canal	
1936	1935	1936	1935

Vessels	No.	....	....	....	....
Registered Tonnage	Tons
Passengers	No.
Total Freight	Total

Chambly Canal		Trent Canal	
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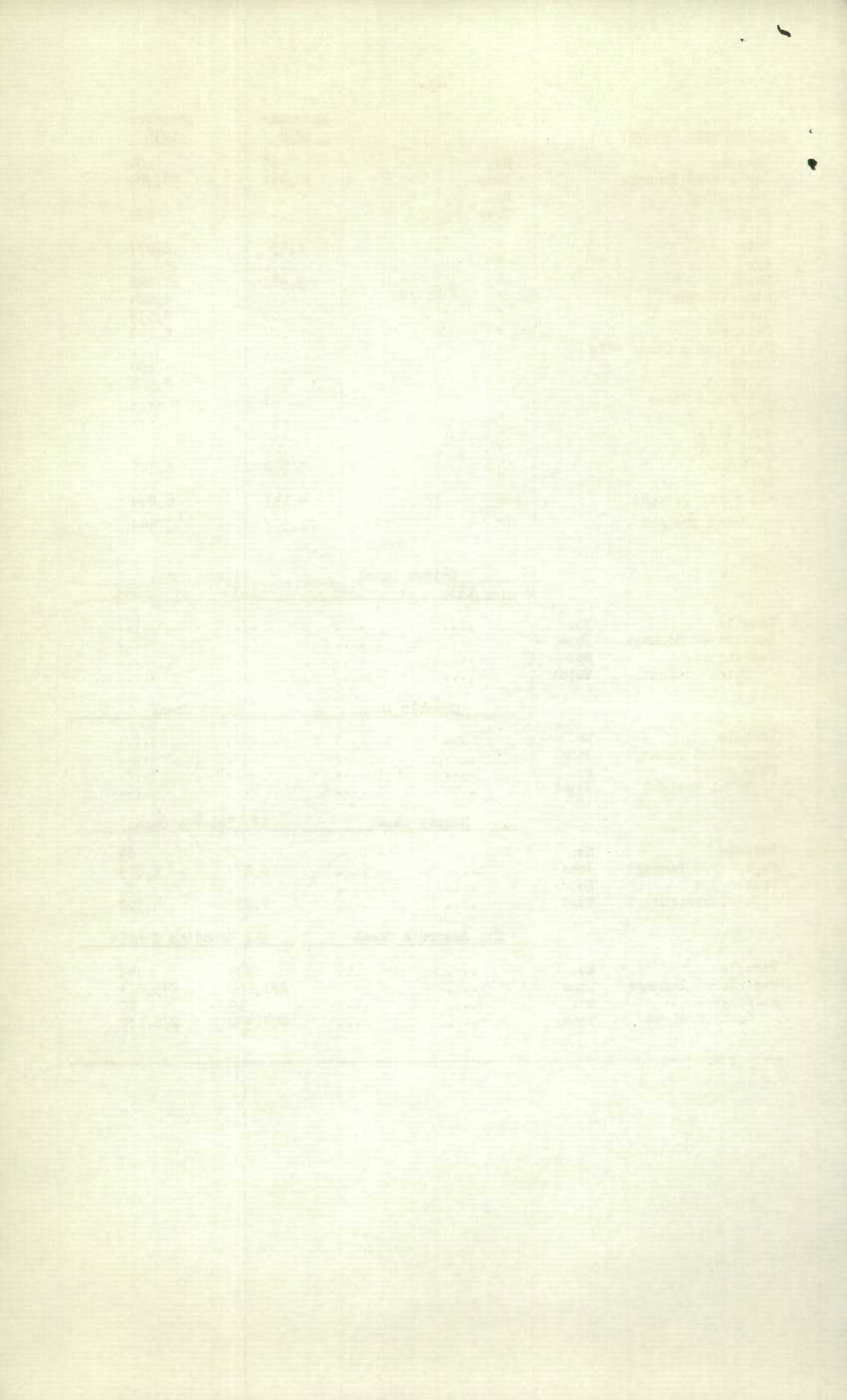
Vessels	No.
Registered Tonnage	Tons
Passengers	No.
Total Freight	Total

Murray Canal		St. Peter's Canal	
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Vessels	No.	72	69
Registered Tonnage	Tons	8,057	5,079
Passengers	No.
Total Freight	Tons	4,710	4,302

St. Andrew's Canal		All Canadian Canals	
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Vessels	No.	305	349
Registered Tonnage	Tons	282,260	245,824
Passengers	No.	19	20
Total Freight	Tons	....	....	294,490	272,172

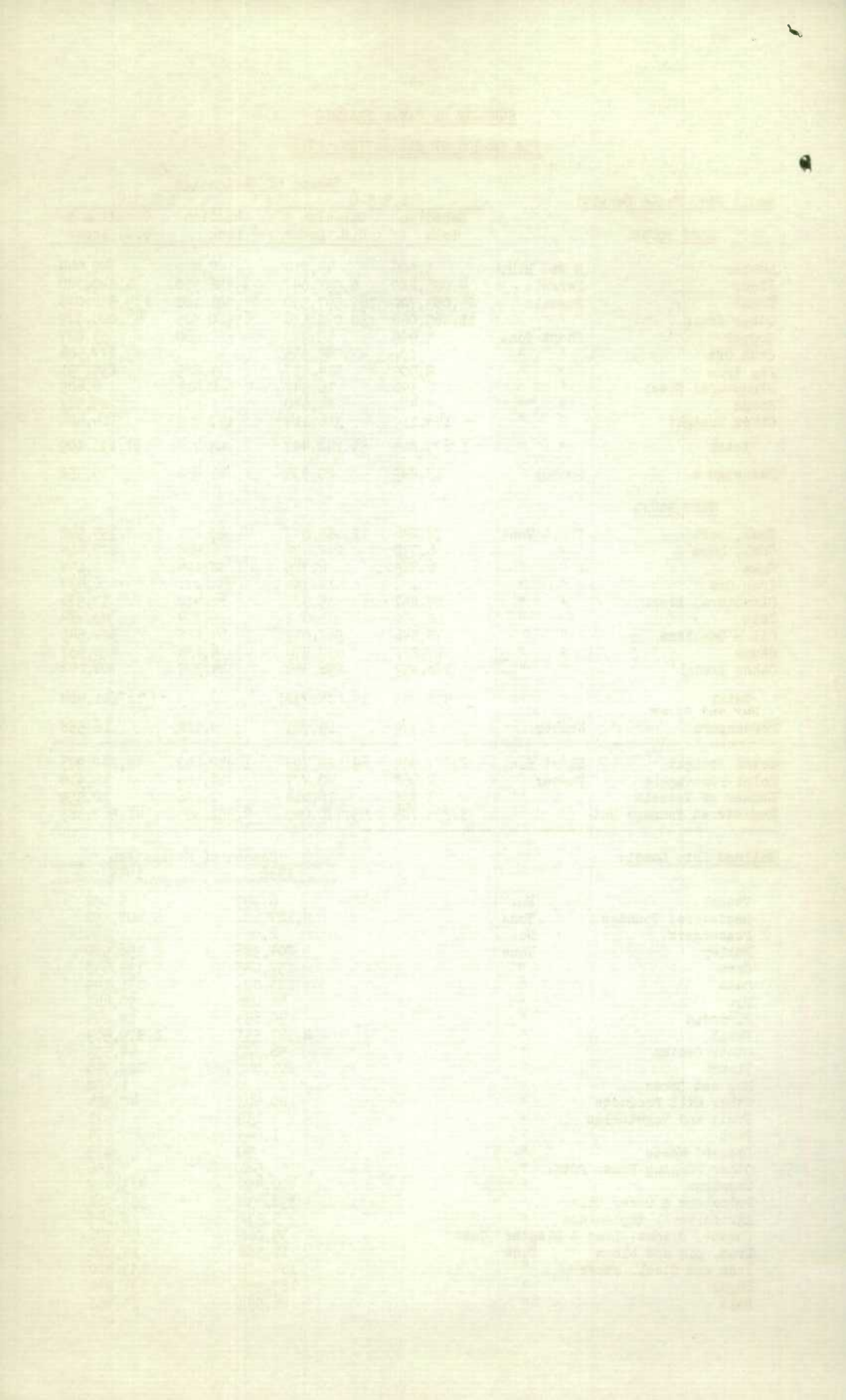


SUMMARY OF CANAL TRAFFIC
FOR SEASON OF NAVIGATION, 1936

Sault Ste. Marie Canals:		Season of Navigation			
		1936	:	1935	:
<u>EAST BOUND</u>		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
Lumber	M Ft. B.M.	3,586	44,314	2,992	40,044
Flour	Barrels	4,086,280	6,591,047	3,356,530	6,840,720
Wheat	Bushels	24,089,700	162,597,930	24,491,100	179,536,075
Other Grain	"	11,265,080	50,078,136	6,980,505	43,200,779
Copper	Short Tons	5,999	55,980	260	53,027
Iron Ore	" "	...	47,069,935	...	29,277,506
Pig Iron	" "	2,509	314,937	1,825	239,791
Structural Steel	" "	6,398	16,947	2,414	6,609
Stone	" "	8,420	24,040	2,897	25,507
Other Freight	" "	146,119	316,114	137,719	314,424
Total	" "	1,679,814	54,842,497	1,405,794	37,191,009
Passengers	Number	13,889	20,994	11,436	16,352
<u>WEST BOUND</u>					
Coal, soft	Short Tons	78,246	12,185,849	69,251	8,953,942
Coal, hard	" "	6,732	292,729	6,968	202,414
Coke	" "	6,725	6,725	8,194	8,194
Iron Ore	" "	...	11,734	...	6,437
Structural Steel	" "	15,857	35,772	12,478	37,976
Salt	" "	18,500	41,682	15,774	40,784
Oil - Gasolene	" "	78,846	562,823	64,828	584,549
Stone	" "	17,031	652,576	9,136	478,537
Other Freight	" "	376,499	896,359	324,375	708,102
Total	" "	598,085	14,686,298	526,253	11,101,964
Passengers	Number	8,779	19,783	8,122	16,558
Total Freight	Short Tons	2,277,899	69,528,795	1,932,047	48,292,973
Total Passengers	Number	22,668	40,777	19,558	32,910
Number of Vessels		3,235	16,614	2,896	12,959
Registered Tonnage Net		3,755,785	55,770,089	2,951,553	41,567,383

Welland Ship Canal:

		Season of Navigation	
		1936	1935
Vessels	No.	6,399	5,092
Registered Tonnage	Tons	9,127,686	8,207,552
Passengers	No.	2,054	1,354
Barley	Tons	204,986	156,980
Corn	"	157,855	133,638
Oats	"	123,823	131,149
Rye	"	41,056	90,667
Flaxseed	"	50,659	29,244
Wheat	"	2,327,533	1,879,509
Other Grains	"	56,320	44,359
Flour	"	201,041	205,740
Hay and Straw	"	...	1,452
Other Mill Products	"	20,501	42,524
Fruit and Vegetables	"	135	73
Fish	"	1,643	373
Dressed Meats	"	90	179
Other Packing House Pdts.	"	521	156
Gasolene	"	490,459	413,627
Petroleum & Other Oils	"	358,432	335,918
Agricultural Implements	"	3,972	8,147
Cement, Bricks, Lime & Plaster	Tons	39,068	34,726
Iron, pig and bloom	Tons	11,588	18,260
Iron and Steel, other	"	189,909	137,820
Sugar	"	127,924	131,842
Salt	"	26,593	35,468



SUMMARY OF CANAL TRAFFIC

Welland Ship Canal -- Cont'd.		Season of Navigation	
		1936	1935
Beverages	Tons	8,545	11,658
Autos and Parts	"	44,788	48,215
Paper	"	198,583	194,410
Wood Pulp	"	356,011	370,953
Pulpwood	"	532,040	436,870
Logs, Posts, Poles, Piling	"	...	3,245
Firewood	"	...	2,400
Lumber Mill & Cooperage Stock	"	5,576	1,844
Hard Coal	"	32,023	9,735
Soft Coal	"	3,146,652	2,698,249
Coke	"	256,691	260,291
Copper Ore	"	4,080	5,480
Iron Ore	"	674,345	524,498
Other Ore	"	130,052	44,512
Sand, Gravel and Stone	"	48,830	33,104
All other Freight	"	565,478	476,068
Total	"	10,437,802	8,953,383
<u>St. Lawrence Canals:</u>			
Vessels	No.	10,405	10,326
Registered Tonnage	Tons	6,780,610	6,057,139
Passengers	No.	2,197	2,324
Barley	Tons	162,475	156,332
Corn	"	221,433	209,661
Oats	"	101,433	124,961
Rye	"	37,006	87,265
Flaxseed	"	53,306	30,180
Wheat	"	2,375,807	1,474,816
Other Grains	"	58,634	44,106
Flour	"	162,738	174,193
Hay and Straw	"	778	497
Other Mill Products	"	18,214	39,757
Fruit and Vegetables	"	2,837	3,981
Potatoes	"	...	2,758
Fish	"	...	400
Dressed Meats	"	1,980	184
Other Packing House Products	"	675	361
All other Animal Products	"	4,716	7,829
Gasolene	"	466,989	433,691
Petroleum & Other Oils	"	462,492	397,284
Agricultural Implements	"	1,649	3,385
Cement, Bricks, Lime & Plaster	"	2,160	3,715
Iron, pig and bloom	"	250	7,964
Iron and Steel, other	"	78,929	67,411
Sugar	"	140,048	147,111
Salt	"	26,996	24,139
Beverages	"	5,958	5,405
Autos and Parts	"	12,668	19,740
Paper	"	178,554	109,937
Wood Pulp	"	323,507	380,878
Pulpwood	"	720,649	619,907
Logs, Posts, Poles, Piling	"	3,156	2,298
Firewood	"	500	5,181
Lumber Mill & Cooperage Stock	"	33,103	32,085
Other Forest Products	"	1,230	29
Hard Coal	"	339,148	426,422
Soft Coal	"	1,067,462	891,016
Coke	"	101,785	2,704
Copper Ore	"	2,420	2,874
Iron Ore	"	189,287	133,447
Other Ore	"	67,024	41,077
Sand, Gravel and Stone	"	185,889	228,403
All other Freight	"	674,531	530,271
Total	"	8,288,416	6,873,655

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SUMMARY OF CANAL TRAFFIC

FOR SEASON OF NAVIGATION, 1936

		<u>Ottawa Canal</u>		<u>Rideau Canal</u>	
		1936	1935	1936	1935
Vessels	No.	1,742	1,802	473	624
Registered Tonnage	Tons	306,636	343,937	29,772	42,298
Passengers	No.	1,200	1,710	3,106	3,249
Total Freight	Tons	261,493	289,526	15,604	20,426
		<u>Chambly Canal</u>		<u>Trent Canal</u>	
Vessels	No.	873	468	3,033	2,824
Registered Tonnage	Tons	101,154	48,417	31,068	32,113
Passengers	No.	129	141	25,731	24,715
Total Freight	Tons	79,731	44,219	24,047	14,157
		<u>Murray Canal</u>		<u>St. Peter's Canal</u>	
Vessels	No.	199	295	1,002	1,021
Registered Tonnage	Tons	15,149	39,236	75,306	83,163
Passengers	No.	...	645	220	527
Total Freight	Tons	3,345	4,921	56,257	54,592
		<u>St. Andrew's Canal</u>		<u>All Canadian Canals</u>	
Vessels	No.	544	510	27,905	25,858
Registered Tonnage	Tons	70,462	63,508	20,293,628	17,868,916
Passengers	No.	2,340	2,250	59,645	56,473
Total Freight	Tons	23,215	19,063	21,467,809	18,205,989

TRAFFIC ON CANADIAN CANALS, 1936

Canal	Vessels Number	Registered Tonnage	Passengers Number	Freight Tonnage	
				Tons	Compared with 1935 (Increase +) (Decrease -)
Sault Ste. Marie	3,235	3,755,785	22,668	2,277,899	+ 345,852
Welland Ship	6,399	9,127,686	2,054	10,437,802	+ 1,484,419
St. Lawrence	10,405	6,780,610	2,197	8,288,416	+ 1,414,761
Chambly	873	101,154	129	79,731	+ 35,512
St. Peter's	1,002	75,306	220	56,257	+ 1,665
Murray	199	15,149	...	3,345	- 1,576
Ottawa	1,742	306,636	1,200	261,493	- 28,033
Rideau	473	29,772	3,106	15,604	- 4,822
Trent	3,033	31,068	25,731	24,047	+ 9,890
St. Andrew's	544	70,462	2,340	23,215	+ 4,152
TOTAL †	27,905	20,293,628	59,645	21,467,809	+ 3,261,820

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

