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OTTAWA



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SUMMARY OF CANAL STATISTICS

FOR

DECEMBER

AND

SEASON OF NAVIGATION

1939

The last vessel transit through the Sault Ste. Marie Canals was on December 15, the Welland Ship Canal on December 13, the St. Lawrence Canals on December 11, the Murray Canal on November 21, the Ottawa River Canals on November 27, the Richelieu River Canals on November 25, the Rideau Canals on November 10, the St. Andrew's Canal on November 1 and the Trent Canals on November 24. The St. Peter's Canal was still open at the end of the year.

Sault Ste. Marie Canals - Canadian and United States Locks: With a heavy movement of iron ore and also of wheat, total freight through the Canadian and United States locks increased to 69,350,206 tons from 40,043,629 tons in 1938. This total was also greater than for 1931 to 1936 inclusive. Iron ore down the canals increased from 20,046,872 tons to 43,785,484 tons and wheat increased from 173,895,238 bushels to 250,523,684 bushels but other grains declined and coal up bound was also slightly lighter than in 1938.

Welland Ship Canal: Due largely to a large reduction in the movement of corn through the canal, total traffic declined from 12,629,054 tons in 1938 to 11,727,703 tons. Corn, practically all down bound declined from 2,194,522 tons to 272,915 tons; barley also decreased by 360,159 tons, rye by 30,327 tons, and oats by 8,738 tons. Sugar was lighter by 35,505 tons and wood pulp by 48,785 tons. Soft coal increased by 578,724 tons, iron ore by 123,447 tons, iron and steel by 124,358 tons, gasoline by 65,440 tons and petroleum and other oils by 252,392 tons.

St. Lawrence Canals: Total traffic using the canals during 1939 amounted to 8,340,165 tons compared with 9,236,318 tons in 1938. The largest decrease was 1,413,003 tons of corn, and other large decreases were barley 274,836 tons, rye 38,267 tons, oats 8,249 tons, gasoline 21,312 tons, pulprood 39,669 tons, hard coal 53,568 tons and iron ore 67,667 tons. Soft coal increased by 854,069 tons, other grains by 65,916 tons, paper by 40,077 tons, and iron and steel by 38,376 tons, and other commodities showed smaller changes.

Price per year 50 cents.

Sault Ste. Marie Canals

DECEMBER

<u>EAST BOUND</u>		1939		:	1938	
		Canadian Lock	Canadian & U.S. Locks	:	Canadian Lock	Canadian & U.S. Locks
Pulpwood	Cords	...	...	:	...	...
Lumber	M Ft. B.M.	...	1,020	:	...	310
Flour	Barrels	143,920	379,800	:	112,540	274,490
Wheat	Bushels	2,474,567	22,746,202	:	538,800	7,809,582
Other Grain	"	879,067	5,493,793	:	43,375	1,573,669
Copper	Short Tons	...	1,991	:	...	722
Iron Ore	" "	...	...	:	...	...
Pig Iron	" "	...	10,800	:	...	...
Structural Steel	" "	...	195	:	...	...
Stone	" "	300	300	:	...	...
Other Freight	" "	3,473	15,840	:	1,357	6,964
Total	" "	109,612	881,288	:	29,746	296,812
Passengers	Number	13	15	:	...	1
<u>WEST BOUND</u>						
Coal, soft	Short Tons	1,470	35,941	:	...	6,700
Coal, hard	" "	...	...	:	...	...
Coke	" "	...	...	:	...	...
Iron Ore	" "	...	...	:	...	...
Structural Steel	" "	131	241	:	337	587
Salt	" "	255	405	:	726	726
Oil and Gasoline	" "	2,180	2,265	:	2,883	2,915
Stone	" "	...	20,146	:	...	...
Other Freight	" "	7,193	12,926	:	8,712	15,574
Total	" "	11,229	72,110	:	12,658	26,608
Passengers	Number	...	...	:	2	2
Total Freight	Short Tons	120,841	953,398	:	42,404	323,420
Total Passengers	Number	13	15	:	2	3
Number of Vessels		94	380	:	62	207
Registered Tonnage Net		100,177	691,465	:	31,161	202,604

Welland Ship Canal:

		December 1939	December 1938
Vessels	No.	200	84
Registered Tonnage	Tons	334,211	132,646
Passengers	No	...	...
Barley	Tons	840	1,800
Corn	"	23,566	...
Oats	"	7,404	...
Rye	"	...	...
Wheat	"	166,429	84,259
Flour	"	5,293	12,096
Gasoline	"	31,800	7,680
Petroleum & Other Oils	"	39,492	18,872
Sugar	"	1,294	960
Pulpwood	"	...	...
Autos & Parts	"	...	...
Paper	"	9,331	1,580
Wood Pulp	"	...	...
Soft Coal	"	93,718	31,637
Coke	"	1,800	...
Iron Ore	"	...	...
Sand	"	8,974	2,200
All other freight	"	13,817	19,569
Total Freight	"	403,758	180,653

St. Lawrence Canals:

		December 1939	December 1938
Vessels	No.	95	38
Registered Tonnage	Tons	57,494	7,225
Passengers	No.	...	...
Barley	Tons	1,280	...
Corn	"	7,546	2,700
Oats	"	...	...
Rye	"	...	...
Wheat	"	10,587	...
Flour	"	...	...
Gasoline	"	...	...
Petroleum and Other Oils	"	4,680	...
Sugar	"	...	...
Pulpwood	"	...	...
Autos & Parts	"	...	...
Paper	"	...	...
Wood Pulp	"	...	...
Hard Coal	"	...	...
Soft Coal	"	7,128	1,968
Sand	"	...	75
All other freight	"	1,540	140
Total freight	"	32,761	4,883

Ottawa River Canal		Rideau Canal				
1939	:	1938	:	1939	:	1938

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

Richelieu River Canal		Trent Canal	
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Vessels	No.
Registered Tonnage	Tons
Passengers	No.
Total freight	Tons

Murray Canal		St. Peter's Canal	
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Vessels	No.	...	1	55	66
Registered Tonnage	Tons	...	219	5,726	6,666
Passengers	No.	2
Total freight	Tons	3,736	4,851

St. Andrew's Canal		All Canadian Canals	
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Vessels	No.	444	251
Registered Tonnage	Tons	497,608	177,917
Passengers	No.	4
Total freight	Tons	...	...	561,096	232,791

SUMMARY OF CANAL TRAFFIC
FOR SEASON OF NAVIGATION, 1939

Sault Ste. Marie Canal

		Season of Navigation			
		1939		1938	
<u>EAST BOUND</u>		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
Pulpwood	Cords	100,985	272,280	62,400	240,025
Lumber	M Ft. B.M.	48	15,817	1,407	21,266
Flour	Barrels	4,581,040	7,487,080	3,883,970	6,548,330
Wheat	Bushels	27,120,400	250,523,684	21,558,300	173,895,238
Other Grain	"	14,716,596	86,589,622	16,467,683	90,810,526
Copper	Short Tons	9,331	79,773	2,511	42,927
Iron Ore	" "	2,500	46,785,484	...	20,046,872
Pig Iron	" "	7,410	304,642	45	51,548
Structural Steel	" "	29,194	119,182	5,263	90,437
Stone	" "	20,610	24,945	9,485	17,560
Other Freight	" "	187,076	368,085	132,600	277,110
Total	" "	2,050,618	58,482,731	1,680,796	29,053,583
Passengers	Number	15,298	20,313	15,743	20,838
<u>WEST BOUND</u>					
Coal, soft	Short Tons	166,056	8,824,919	124,573	8,932,689
Coal, hard	" "	10,120	196,537	6,787	175,593
Coke	" "	14,895	14,895	6,350	6,350
Iron Ore	" "	150	20,707	...	5,676
Structural Steel	" "	20,666	66,545	18,734	35,876
Salt	" "	25,700	53,398	24,416	48,599
Oil and Gasoline	" "	140,551	1,012,868	67,365	762,519
Stone	" "	9,823	498,886	8,354	372,876
Other Freight	" "	338,092	631,175	331,001	615,009
Total	" "	726,053	11,367,475	587,560	10,990,046
Passengers	Number	9,065	20,190	10,459	20,733
Total freight	Short Tons	2,776,671	69,850,206	2,268,356	40,043,629
Total passengers	Number	24,363	40,503	26,182	41,571
Number of vessels		3,327	17,073	3,341	11,201
Registered tonnage net		4,220,359	56,629,185	3,236,544	30,148,765

Welland Ship Canal:

		Season of Navigation	
		1939	1938
Vessels	No.	6,059	6,379
Registered Tonnage	Tons	9,899,109	11,101,327
Passengers	No.	565	1,802
Barley	Tons	267,897	628,056
Corn	"	272,915	2,194,522
Oats	"	126,338	135,076
Rye	"	61,737	92,264
Flaxseed	"	39,005	36,182
Wheat	"	2,696,804	2,653,271
Other Grains	"	168,898	64,770
Flour	"	181,157	161,036
Hay and Straw	"	2	13
Other Mill Products	"	33,890	20,702
Fruit and Vegetables	"	...	...
Potatoes	"	...	...
Fish	"	1,794	...
Dressed Meats	"	120	...
Other Packing House Products	"	...	...
All other Animal Products	"	...	...
Gasoline	"	549,706	484,266
Petroleum and other Oils	"	707,993	455,601
Agricultural Implements	"	3,984	6,573
Cement, Bricks, Lime & Plaster	"	33,732	16,910
Iron, pig and bloom	"	68,518	23,836
Iron and steel, other	"	260,655	136,297
Sugar	"	98,827	134,332

Welland Ship Canal - Cont'd.

Season of Navigation

		1939	:	1938
Salt	Tons	40,137		49,008
Beverages	"	5,891		6,020
Autos and Parts	"	49,206		38,144
Paper	"	223,435		180,539
Wood Pulp	"	173,450		222,235
Pulpwood	"	441,835		417,832
Logs, Posts, Poles, Piling	"	2,570		...
Firewood	"	...		4,600
Lumber Mill & Cooperage Stock	Tons	4,311		10,189
Other Forest Products	Tons	...		...
Hard Coal	"	37,123		45,987
Soft Coal	"	3,650,217		3,071,493
Coke	"	158,764		143,010
Copper Ore	"	11,693		6,300
Iron Ore	"	649,566		526,119
Other Ore	"	87,653		66,584
Sand, Gravel and Stone	"	90,424		102,758
Other Freight	"	527,456		494,479
Total	"	11,727,703		12,629,054

St. Lawrence Canals

Vessels	No.	9,359		9,889
Registered Tonnage	Tons	6,484,320		7,724,761
Passengers	No.	1,497		314
Barley	Tons	249,731		524,567
Corn	"	213,515		1,626,518
Oats	"	98,558		106,807
Rye	"	28,629		66,896
Flaxseed	"	34,677		33,896
Wheat	"	2,154,933		2,166,011
Other Grains	"	144,028		58,112
Flour	"	134,698		122,101
Hay and Straw	"	2,706		1,398
Other Mill Products	"	28,484		19,931
Fruit and Vegetables	"	14,179		8,320
Potatoes	"	30		28
Fish	"	21		...
Dressed Meats	"	277		50
Other Packing House Pds.	"	171		150
All other Animal Products	"	4,027		2,506
Gasoline	"	488,917		580,529
Petroleum and other Oils	"	458,956		461,338
Agricultural Implements	"	5,053		4,817
Cement, Bricks, Lime and Plaster	Tons	5,870		2,907
Iron, pig and bloom	Tons	30,657		6,945
Iron and steel, other	"	111,648		73,272
Sugar	"	125,118		144,191
Salt	"	41,437		49,471
Beverages	"	5,633		6,350
Autos and Parts	"	12,715		14,185
Paper	"	122,319		82,242
Wood Pulp	"	179,270		205,696
Pulpwood	"	542,435		582,104
Logs, Posts, Poles, Piling	"	...		100
Firewood	"	846		4,750
Lumber Mill & Cooperage Stock	Tons	36,861		28,791
Other Forest Products	Tons	175		730
Hard Coal	"	235,981		294,549
Soft Coal	"	1,803,447		939,378
Coke	"	111,407		82,467
Copper Ore	"	1,493		2,700
Iron Ore	"	47,735		115,402
Other Ore	"	51,257		29,707
Sand, Gravel and Stone	"	194,077		196,741
All other Freight	"	618,194		589,665
Total	"	8,340,165		9,236,318

Year	Value	Category
1900	1,000	...
1901	1,100	...
1902	1,200	...
1903	1,300	...
1904	1,400	...
1905	1,500	...
1906	1,600	...
1907	1,700	...
1908	1,800	...
1909	1,900	...
1910	2,000	...
1911	2,100	...
1912	2,200	...
1913	2,300	...
1914	2,400	...
1915	2,500	...
1916	2,600	...
1917	2,700	...
1918	2,800	...
1919	2,900	...
1920	3,000	...
1921	3,100	...
1922	3,200	...
1923	3,300	...
1924	3,400	...
1925	3,500	...
1926	3,600	...
1927	3,700	...
1928	3,800	...
1929	3,900	...
1930	4,000	...
1931	4,100	...
1932	4,200	...
1933	4,300	...
1934	4,400	...
1935	4,500	...
1936	4,600	...
1937	4,700	...
1938	4,800	...
1939	4,900	...
1940	5,000	...
1941	5,100	...
1942	5,200	...
1943	5,300	...
1944	5,400	...
1945	5,500	...
1946	5,600	...
1947	5,700	...
1948	5,800	...
1949	5,900	...
1950	6,000	...
1951	6,100	...
1952	6,200	...
1953	6,300	...
1954	6,400	...
1955	6,500	...
1956	6,600	...
1957	6,700	...
1958	6,800	...
1959	6,900	...
1960	7,000	...
1961	7,100	...
1962	7,200	...
1963	7,300	...
1964	7,400	...
1965	7,500	...
1966	7,600	...
1967	7,700	...
1968	7,800	...
1969	7,900	...
1970	8,000	...
1971	8,100	...
1972	8,200	...
1973	8,300	...
1974	8,400	...
1975	8,500	...
1976	8,600	...
1977	8,700	...
1978	8,800	...
1979	8,900	...
1980	9,000	...
1981	9,100	...
1982	9,200	...
1983	9,300	...
1984	9,400	...
1985	9,500	...
1986	9,600	...
1987	9,700	...
1988	9,800	...
1989	9,900	...
1990	10,000	...

SEASON OF NAVIGATION, 1939

		Ottawa River Canals		Rideau Canal	
		1939	1938	1939	1938
Vessels	No.	1,676	1,669	258	245
Registered Tonnage	Tons	346,225	344,040	5,478	4,759
Passengers	No.	...	12	2,855	2,735
Total Freight	Tons	301,671	299,693	2,009	1,623
		Richelieu River Canals		Trent Canal	
Vessels	No.	806	691	3,719	3,522
Registered Tonnage	Tons	107,815	93,619	72,908	53,497
Passengers	No.	418	179	29,287	15,066
Total Freight	Tons	111,677	94,697	28,985	22,233
		Murray Canal		St. Peter's Canal	
Vessels	No.	653	382	1,048	1,066
Registered Tonnage	Tons	21,120	23,903	104,897	87,361
Passengers	No.	66	77	348	332
Total Freight	Tons	3,707	2,347	79,015	61,474
		St. Andrew's Canal		All Canadian Canals	
Vessels	No.	616	554	27,521	27,739
Registered Tonnage	Tons	72,595	66,435	21,334,826	22,736,246
Passengers	No.	3,411	3,441	62,790	50,140
Total Freight	Tons	20,526	20,667	23,392,129	24,636,462

TRAFFIC ON CANADIAN CANALS

1939

Canal	Vessels Number	Registered Tonnage	Passengers Number	Freight Tonnage	
				Tons	Compared with 1938 (Increase +) (Decrease -)
Sault Ste. Marie	3,327	4,220,359	24,363	2,776,671	+ 508,315
Welland Ship	6,059	9,899,100	565	11,727,703	- 901,351
St. Lawrence	9,359	6,484,320	1,497	8,340,165	- 896,153
Richelieu River	806	107,815	418	111,677	+ 16,980
St. Peter's	1,048	104,897	348	79,015	+ 17,541
Murray	653	21,120	66	3,707	+ 1,360
Ottawa River	1,676	346,225	...	301,671	+ 1,978
Rideau	258	5,478	2,835	2,009	+ 386
Trent	3,719	72,908	29,287	28,985	+ 6,752
St. Andrew's	616	72,595	3,411	20,526	- 141
TOTAL /	27,521	21,334,826	62,790	23,392,129	- 1,244,333

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



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For information only - The number indicates the
total number of units in the collection.