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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

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DOMINION BUREAU OF STATISTICS  
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Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

SUMMARY OF CANAL STATISTICS

FOR

DECEMBER

AND

SEASON OF NAVIGATION

1945

Sault Ste. Marie Canals - Canadian and United States Locks: The last vessel passed through the Canadian lock on December 4 and through the United States locks on December 15. Total freight through during December amounted to 635,904 tons as compared with 465,355 tons in December, 1944. For the season of navigation freight tonnage amounted to 113,277,516 tons as against 117,237,862 tons in 1944. Eastbound iron ore declined from 82,731,640 to 78,039,957 tons, and westbound bituminous coal from 16,019,631 to 13,313,766 tons. Wheat shipments increased from 12,226,570 to 14,454,102 tons, other grains from 2,517,189 to 3,136,208 tons and oil and gasoline from 770,454 to 838,934 tons.

Welland Ship Canal: Navigation through the canal closed on December 15, a day earlier than in 1944. Traffic on the canal for December increased from 124,161 tons in December, 1944, to 358,889 tons, the large increase being 152,806 tons of bituminous coal. For the season of navigation freight traffic on the canal increased from 11,316,681 tons in 1944 to 12,961,455 tons, wheat increasing from 1,130,082 to 3,042,907 tons. Pulpwood increased by 172,687 tons, iron ore by 57,688 tons and oats by 61,025 tons. Bituminous coal decreased by 549,546 tons, gasoline by 32,646 tons and sand, gravel and stone by 30,226 tons.

St. Lawrence Canals: Navigation on the St. Lawrence canals closed on December 4 as compared with December 14 in 1944. Traffic for December amounted to 10,889 tons as compared with 7,560 tons in 1944. For the season of navigation the total traffic using the canals amounted to 6,947,870 tons as compared with 5,862,868 tons in 1944. Wheat was almost four times the 1944 volume increasing by 1,483,555 tons. Oats increased by 28,172 tons, flaxseed by 35,558 tons, petroleum and other oils by 35,261 tons and pulpwood by 136,473 tons. Paper decreased by 97,285 tons, barley by 56,929 tons, gasoline by 82,915 tons, bituminous coal by 216,829 tons and other ore (mostly bauxite) by 173,524 tons.

Historical File Copy

United States Department of the Interior  
Bureau of Land Management  
Washington, D.C. 20250

GENERAL INFORMATION

1.

2.

3.

STATE OF CALIFORNIA

1.

This document is a copy of the original file for the land grant. The land grant was made by the United States Government to the State of California in 1850. The land grant was made for the purpose of settling the land of the State of California. The land grant was made for the purpose of settling the land of the State of California. The land grant was made for the purpose of settling the land of the State of California.

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Sault Ste. Marie Canals

D E C E M B E R

1 9 4 5 : 1 9 4 4

EAST BOUND

		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
Pulpwood	Short Tons	-	-	-	-
Lumber	" "	-	-	-	-
Flour	" "	1,274	3,379	2,410	4,434
Wheat	" "	8,599	760,322	24,442	654,080
Other Grain	" "	5,304	113,604	6,879	60,798
Copper and Zinc	" "	-	-	-	-
Iron Ore	" "	-	47,594	-	-
Scrap Iron	" "	-	11,400	-	-
Structural Steel	" "	-	-	-	-
Stone	" "	-	-	-	-
Other Freight	" "	2,841	14,269	4,173	5,633
<b>Total</b>	" "	<b>18,018</b>	<b>950,568</b>	<b>37,904</b>	<b>724,945</b>

Passengers	Number	3	3	4	26
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WEST BOUND

Coal, soft	Short Tons	-	49,864	5,561	5,561
Coal, hard	" "	-	-	-	-
Coke	" "	-	-	-	-
Iron Ore	" "	-	-	-	-
Structural Steel	" "	68	68	40	40
Salt	" "	96	257	174	174
Oil and Gasoline	" "	-	59	474	3,174
Stone	" "	-	-	1,750	1,750
Other Freight	" "	7,448	8,764	11,693	11,693
<b>Total</b>	" "	<b>7,612</b>	<b>59,012</b>	<b>19,692</b>	<b>22,392</b>

Passengers	Number	-	-	2	2
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Total Freight	Short Tons	25,630	1,009,580	57,596	747,337
Total Passengers	Number	3	3	6	28
Number of Vessels		32	237	39	329
Registered Tonnage	Net	42,621	635,904	52,404	465,355

1942

REVENUE

1942

				<u>1941</u>	
	<u>1942</u>	<u>1941</u>	<u>1940</u>	<u>1939</u>	<u>1938</u>
Income tax	100,000	100,000	100,000	100,000	100,000
Excise tax	50,000	50,000	50,000	50,000	50,000
Property tax	20,000	20,000	20,000	20,000	20,000
Other taxes	10,000	10,000	10,000	10,000	10,000
Total	180,000	180,000	180,000	180,000	180,000

				<u>1941</u>	
	<u>1942</u>	<u>1941</u>	<u>1940</u>	<u>1939</u>	<u>1938</u>
Income tax	100,000	100,000	100,000	100,000	100,000
Excise tax	50,000	50,000	50,000	50,000	50,000
Property tax	20,000	20,000	20,000	20,000	20,000
Other taxes	10,000	10,000	10,000	10,000	10,000
Total	180,000	180,000	180,000	180,000	180,000

				<u>1941</u>	
	<u>1942</u>	<u>1941</u>	<u>1940</u>	<u>1939</u>	<u>1938</u>
Income tax	100,000	100,000	100,000	100,000	100,000
Excise tax	50,000	50,000	50,000	50,000	50,000
Property tax	20,000	20,000	20,000	20,000	20,000
Other taxes	10,000	10,000	10,000	10,000	10,000
Total	180,000	180,000	180,000	180,000	180,000





SUMMARY OF CANAL TRAFFIC  
FOR SEASON OF NAVIGATION, 1945

Sault Ste. Marie Canal

Season of Navigation

		1945		:	1944	
<u>EAST BOUND</u>		Canadian Lock	Canadian & U.S. Locks	:	Canadian Lock	Canadian & U.S. Locks
Pulpwood	Tons	77,676	607,506		161,324	429,792
Lumber	"	-	3,166		-	-
Flour	"	72,993	109,066		85,269	99,340
Wheat	"	590,563	14,454,102		851,747	12,226,570
Other Grain	"	459,166	3,136,208		428,204	2,517,189
Copper and Zinc	"	-	-		-	-
Iron Ore	"	-	78,039,957		23,488	82,731,640
Scrap Iron	"	-	151,368		-	70,561
Structural Steel	"	15,328	154,060		15,258	189,238
Stone	"	12,210	17,110		27,870	33,210
Other Freight	"	203,126	408,009		273,606	418,747
<b>Total</b>	"	<b>1,431,062</b>	<b>97,060,552</b>		<b>1,866,746</b>	<b>98,716,287</b>
Passengers	Number	19,868	22,695		23,504	23,528
<u>WEST BOUND</u>						
Coal, soft	Tons	116,999	13,313,766		327,038	16,019,631
Coal, hard	"	5,785	529,124		6,480	405,217
Coke	"	7,922	7,922		10,335	10,335
Iron Ore	"	600	87,807		-	74,952
Structural Steel	"	7,543	43,211		10,924	45,463
Salt	"	11,631	67,582		10,531	57,579
Oil and Gasoline	"	153,683	838,954		239,554	770,454
Stone	"	8,680	912,291		7,619	690,912
Other Freight	"	274,981	416,127		332,429	447,032
<b>Total</b>	"	<b>587,824</b>	<b>16,216,764</b>		<b>944,910</b>	<b>18,521,575</b>
Passengers	Number	19,379	23,349		24,116	24,147
Total Freight	Short Tons	2,018,886	113,277,316		2,811,656	117,237,862
Total Passengers	Number	39,247	46,044		47,620	47,675
Number of Vessels		2,678	22,492		3,468	23,417
Registered Tonnage Net		4,207,754	86,932,685		6,132,070	87,923,663

Season of Navigation

Welland Ship Canal

		1945		:	1944	
Vessels	No.	6,210			5,668	
Registered Tonnage	Tons	11,858,775			10,449,216	
Passengers	No.	2,612			798	
Barley	Tons	173,992			215,473	
Corn	"	5,292			15,267	
Oats	"	136,520			75,495	
Rye	"	10,699			-	
Flaxseed	"	68,668			31,886	
Wheat	"	3,042,907			1,130,082	
Other Grains	"	54,878			8,348	
Flour	"	145			1,499	
Hay and Straw	"	-			-	
Other Mill Products	"	1,682			12	
Fruit and Vegetables	"	-			-	
Potatoes	"	-			-	
Fish	"	-			-	
Dressed Meats	"	-			-	
Other Packing-House Products	"	-			-	
All other Animal Products	"	-			-	
Gasoline	"	699,745			732,391	
Petroleum and Other Oils	"	1,507,123			1,486,280	
Agricultural Implements	"	1,798			944	

STATE OF TEXAS  
COMMISSIONERS OF THE GENERAL LAND OFFICE

Section 1		Section 2		Section 3	
Acres	Value	Acres	Value	Acres	Value
100.00	100.00	100.00	100.00	100.00	100.00
200.00	200.00	200.00	200.00	200.00	200.00
300.00	300.00	300.00	300.00	300.00	300.00
400.00	400.00	400.00	400.00	400.00	400.00
500.00	500.00	500.00	500.00	500.00	500.00
600.00	600.00	600.00	600.00	600.00	600.00
700.00	700.00	700.00	700.00	700.00	700.00
800.00	800.00	800.00	800.00	800.00	800.00
900.00	900.00	900.00	900.00	900.00	900.00
1000.00	1000.00	1000.00	1000.00	1000.00	1000.00

Section 4		Section 5		Section 6	
Acres	Value	Acres	Value	Acres	Value
100.00	100.00	100.00	100.00	100.00	100.00
200.00	200.00	200.00	200.00	200.00	200.00
300.00	300.00	300.00	300.00	300.00	300.00
400.00	400.00	400.00	400.00	400.00	400.00
500.00	500.00	500.00	500.00	500.00	500.00
600.00	600.00	600.00	600.00	600.00	600.00
700.00	700.00	700.00	700.00	700.00	700.00
800.00	800.00	800.00	800.00	800.00	800.00
900.00	900.00	900.00	900.00	900.00	900.00
1000.00	1000.00	1000.00	1000.00	1000.00	1000.00

Section 7		Section 8		Section 9	
Acres	Value	Acres	Value	Acres	Value
100.00	100.00	100.00	100.00	100.00	100.00
200.00	200.00	200.00	200.00	200.00	200.00
300.00	300.00	300.00	300.00	300.00	300.00
400.00	400.00	400.00	400.00	400.00	400.00
500.00	500.00	500.00	500.00	500.00	500.00
600.00	600.00	600.00	600.00	600.00	600.00
700.00	700.00	700.00	700.00	700.00	700.00
800.00	800.00	800.00	800.00	800.00	800.00
900.00	900.00	900.00	900.00	900.00	900.00
1000.00	1000.00	1000.00	1000.00	1000.00	1000.00



Welland Ship Canal - Concluded

Season of Navigation

		1945	:	1944
Cement, Bricks, Lime & Plaster	Tons	43,746		36,914
Iron, Pig and Bloom	"	49,246		47,848
Iron and Steel, other	"	15,394		28,011
Sugar	"	7,274		6,220
Salt	"	8,460		14,023
Beverages	"	1,402		2,256
Autos and Parts	"	1,800		498
Paper	"	146,583		124,549
Wood Pulp	"	896		-
Pulpwood	"	453,005		280,318
Logs, Posts, Poles, Piling	"	-		-
Firewood	"	-		-
Lumber, Mill and Cooperage Stock	"	-		-
Other Forest Products	"	-		-
Hard Coal	"	70,777		65,256
Soft Coal	"	4,336,357		4,885,903
Coke	"	153,615		127,957
Copper Ore	"	-		-
Iron Ore	"	1,420,205		1,362,517
Other Ore	"	45,587		10,433
Sand, Gravel and Stone	"	110,469		140,695
All other Freight	"	413,170		485,606
<b>Total</b>	"	<b>12,961,435</b>		<b>11,316,681</b>

St. Lawrence Canals:

Vessels	No.	7,623		6,807
Registered Tonnage	Tons	5,882,526		5,301,559
Passengers	No.	15,157		13,158
Barley	Tons	45,938		102,867
Corn	"	8,832		21,757
Oats	"	55,170		26,998
Rye	"	7,244		-
Flaxseed	"	35,558		-
Wheat	"	1,982,176		498,621
Other Grains	"	-		-
Flour	"	-		-
Hay and Straw	"	393		823
Other Mill Products	"	-		-
Fruit and Vegetables	"	-		371
Potatoes	"	-		-
Fish	"	-		-
Dressed Meats	"	-		-
Other Packing-house Products	"	-		502
All other Animal Products	"	6,298		5,782
Gasoline	"	204,144		340,111
Petroleum and other Oils	"	287,137		203,432
Agricultural Implements	"	4,877		3,186
Cement, Bricks, Lime & Plaster	"	6,550		11,138
Iron, Pig and Bloom	"	-		10
Iron and Steel, other	"	15,089		12,423
Sugar	"	35,136		28,894
Salt	"	8,330		14,429
Beverages	"	1,595		3,227
Autos and Parts	"	3,777		953
Paper	"	88,827		186,112
Wood Pulp	"	2,311		1,052
Pulpwood	"	434,967		299,494
Logs, Posts, Poles, Piling	"	-		65
Firewood	"	334		-
Lumber, Mill and Cooperage Stock	"	35,268		22,971
Other Forest Products	"	12		-
Hard Coal	"	113,772		110,760
Soft Coal	"	2,759,967		2,976,796
Coke	"	13,909		8,169
Copper Ore	"	-		-
Iron Ore	"	1,980		-
Other Ore	"	253,359		426,883
Sand, Gravel and Stone	"	189,885		210,357
All other Freight	"	343,685		344,685
<b>Total</b>	"	<b>6,946,520</b>		<b>5,862,868</b>



SEASON OF NAVIGATION, 1945

		Ottawa River Canal		:	Rideau Canal		
		1945	:	1944	1945	:	1944
Vessels	No.	1,270		1,486	65		160
Registered Tonnage	Tons	291,761		308,781	3,297		6,606
Passengers	No.	-		-	(1) 15		3
Total Freight	Tons	256,922		272,211	863		2,714
Pleasure Craft Lockages		1,501		1,311	10,844		7,925

  

		Richelieu River Canal		:	Trent Canal		
Vessels	No.	290		295	3,010		3,117
Registered Tonnage	Tons	48,138		52,470	59,354		62,614
Passengers	No.	16		3	18,933		18,012
Total Freight	Tons	46,558		54,324	50,614		40,347
Pleasure Craft Lockages		192		150	5,514		5,328

  

		Murray Canal		:	St. Peter's Canal		
Vessels	No.	94		58	734		935
Registered Tonnage	Tons	26,480		26,939	55,528		218,775
Passengers	No.	-		-	270		183
Total Freight	Tons	2,205		1,500	21,664		241,572
Pleasure Craft Lockages		522		395	-		-

  

		St. Andrew's Canal		:	All Canadian Canals		
Vessels	No.	568		620	22,542		22,614
Registered Tonnage	Tons	60,781		70,146	22,494,394		22,629,176
Passengers	No.	4,447		4,697	80,702		84,474
Total Freight	Tons	11,216		11,634	22,318,233		20,615,507
Pleasure Craft Lockages		213		140			

(1) Exclusive of 7,527 passengers at Ottawa.

TRAFFIC ON CANADIAN CANALS

1945

Canal	Vessels Number	Registered Tonnage	Passengers Number	Tons	Freight Tonnage compared with 1944 (Increase +) (Decrease -)
Sault Ste. Marie	2,678	4,207,754	39,247	2,018,886	- 792,770
Welland Ship	6,210	11,858,775	2,612	12,961,435	+ 1,644,754
St. Lawrence	7,623	5,882,526	15,157	6,947,870	+ 1,085,002
Ottawa River	1,270	291,761	-	256,922	- 15,289
Rideau	65	3,297	15	863	- 1,851
Richelieu River	290	48,138	16	46,558	- 7,766
Trent	3,010	59,354	18,938	50,614	+ 10,267
Murray	94	26,480	-	2,205	+ 705
St. Andrew's	568	60,781	4,447	11,216	- 418
St. Peter's	734	55,528	270	21,664	- 219,908
<b>TOTAL /</b>	<b>22,542</b>	<b>22,494,394</b>	<b>80,702</b>	<b>22,318,233</b>	<b>+ 1,702,726</b>

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



1010702441

TABLE 10

1991		1992		1993		Total	Percentage
Value	Rate	Value	Rate	Value	Rate		
100,000	100%	100,000	100%	100,000	100%	300,000	100%
200,000	200%	200,000	200%	200,000	200%	600,000	200%
300,000	300%	300,000	300%	300,000	300%	900,000	300%
400,000	400%	400,000	400%	400,000	400%	1,200,000	400%
500,000	500%	500,000	500%	500,000	500%	1,500,000	500%
600,000	600%	600,000	600%	600,000	600%	1,800,000	600%
700,000	700%	700,000	700%	700,000	700%	2,100,000	700%
800,000	800%	800,000	800%	800,000	800%	2,400,000	800%
900,000	900%	900,000	900%	900,000	900%	2,700,000	900%
1,000,000	1000%	1,000,000	1000%	1,000,000	1000%	3,000,000	1000%

TABLE 11

Category	Value	Percentage	Total
Category A	100,000	10%	1,000,000
Category B	200,000	20%	1,000,000
Category C	300,000	30%	1,000,000
Category D	400,000	40%	1,000,000
Category E	500,000	50%	1,000,000
Category F	600,000	60%	1,000,000
Category G	700,000	70%	1,000,000
Category H	800,000	80%	1,000,000
Category I	900,000	90%	1,000,000
Category J	1,000,000	100%	1,000,000

The information in this table is derived from the 1991 Census of Canada and is subject to the usual errors of such surveys.