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

DOMINION EUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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SUMMARY OF CANAL STATISTICS
FOR
DECEMBER

AND

SEASON OF NAVIGATION

1938

The last vessel transit through the Sault Ste. Marie canals was on December 16, the Welland Ship canal on December 15, the St. Lawrence canals on December 14, the Murray canal on December 2, the Ottawa river canals on November 30, the Richelieu river canals on November 27, the Rideau and Trent canals on November 22, and the St. Andrew's canal on November 3. The St. Peter's canal was still open at the end of the year.

Sault Ste. Marie Canals - Canadian and United States Locks: The traffic through the canals in 1938 was the lightest since 1904 with the single exception of 1932, amounting to only 40,043,316 tons compared with 87,636,622 tons in 1937. A drop in downbound iron ore tonnage from 65,575,278 tons in 1937, which was the greatest tonnage ever handled through the canals, to 20,046,872 tons was the chief factor in the decline. The average of the iron ore tonnage for these two years, however, was above the average for the past ten years. Upbound shipments of soft coal also were light, amounting to only 8,939,039 tons, a decrease of 30 per cent from 1937 traffic. Wheat shipments increased from 117,192,703 bushels in 1937 to 174,188,538 bushels and other grains from 50,680,669 bushels to 90,239,704 bushels.

Welland Ship Canal: Despite fairly heavy decreases in soft coal, iron ore, pulpwood, wood pulp, paper, sutomobiles, iron and steel, pig iron, and flaxseed, and smaller decreases in other commodities, the total traffic using the canal created a new high record at 12,633,093 tons, compared with the previous record of 11,747,950 tons made in 1937. Large shipments of barley, corn and wheat, which increased over 1937 by 293,899 tons, 1,344,769 tons, and 781,029 tons respectively, were the chief factors in the increase. Oats, other grains, flour, gasolene, and sugar also showed substantial increases. Soft coal, which, since the canal was enlarged, has become the commodity first in tonnage, amounted to 3,071,493 tons, compared with 3,875,427 tons using the canal in 1937.

St. Lawrence Canals; Freight instific using the St. Lawrence canals also created a new high record with 9,236,318 tons, compared with the previous record of 9,195,439 tons made in 1937. Heavy grain shipments were the chief factors in the increase. Barley was heavier than in 1937 by 217,746 tons, corn by 689,212 tons, wheat by 313,010 tons, other grains by 23,914 tons, gasolene by 29,889 tons, sugar by 22,032 tons, and hard coal by 82,404 tons. Several commodities recorded substantial decreases, the larger decreases being: rye, 43,120 tons; flaxseed, 61,076 tons; pig iron, 47,973 tons; iron and steel, 57,604 tons; paper, 48,128 tons, wood pulp, 64,194 tons; pulpwood, 114,440 tons; soft coal, 640,986 tons; coke, 65,827 tons; iron ore, 51,842 tons; and other ore, 58,573 tons.

10/1/39 Price per Year 50 cents.

DECEMBER

		1	938:	193	7
EAST BOUND		Canadian	: Canadian & :	the state of the s	Canadian &
		Lock	: U.S. Locks :	Lock :	U.S. Locks
The leave of	Oamda				
Pulpwood Lumber	Cords M Ft. B.M.		310	5.0	189
Flour	Barrels	112,540	274,490	99,370	250,480
Wheat	Bushels	538,800	7,699,532	597,633	6,024,658
Other Grain	th the state of th	43,375	1,573,669	214,824	2,232,187
Copper	Short Tons		713	***	300
Iron Ore	11 11		1-2		
Pig Iron	tt (I	• • •			
Structural Steel	tt II			117	117
Stone	11 11		0.00	* * *	• •
Other Freight	ll II	1,357	6,964	5,706	13,848
Total	88 91	29,746	296,812	38,090	278,401
Passengers	Number		1	15	27
WEST BOUND					
0.01 0.64	Marsh Marsh		6 700		6 150
Coal, soft Coal, hard	Short Tons	1 * *	6,700		6,150
Coke	11 11	• • •	• • • •	* * *	
Iron Ore	11	• • •			
Structural Stdel	II (t	337	587	308	333
Salt	ft 1t	726	726	1,460	1,615
Oil and Gasolene	ft th	2,883	2,915	190	205
Stone	11 11	***	* * * *		
Other Freight	18 19	8,712	15,574	12,690	16,585
Total	11 11	12,658	26,608	14,648	24,992
Passengers	Number	2	2	1	1
Total Freight	Short Tons	42,404	323,420	52,738	303,393
Total Passengers	Number	2	3	16	28
Number of Vessels		62	207	77	194
Registered Tonnage 1	Net	31,161	202,604	43,322	210,636
Welland Ship Canal:			December		ember
			1938	19	137
Vessels	No.		84		58
Registered Tonnag			132,646	80	,084
Passengers	No.		1 000	1	670
Barley	Tons		1,800		,632 ,458
Oats	It		9		,238
Rye	if		• • • •		
Wheat	tt		84,259	14	,253
Flour	Ħ		12,096		,023
Gasolene	11		7,680		,852
Petroleum & Other	Oils "		18,872	10	,950
Sugar	11		960		300
Autos and Parts	tt.		• • •		24
Paper	19		1,580		18
Wood Pulp	11		0 0 0		• • •
Soft Coal	11		31,637	1	,000
Coke	11		* • *		p = 0
Iron Ore	81 81		11 000	-	· · ·
Sand All other freight			4,000 19,569	1.	,533 ,796
	11				
Total Freight	1		182,453	62	,077

St. Lawrence Canals:		December 1938	December 1937
Vessels	No.	38	56
Registered Tonnage	Tons	7:225	6,868
Passengers	No.		
Barley	Tons		
Corn	11	2,700	
Oats	67		
Rye	II.	• • •	
Wheat	11	e • •	0 4 6
Flour	11	• 0 •	
Gasolene	fî	◊ € ∅	
Petroleum & Other Oils	H		
Sugar	11		
Pulpwood	11		• • •
Autos and Parts	11		0 0 0
Paper	11		
Wood Pulp	II .	ô • •	0 0 0
Hard Coal	K	• • •	> + 4
Soft Coal	41	1,968	1,000
Sand	ii	.75	235
All other Freight	N	140	1,725
Total Freight	u	4,883	2,960

		Ottawa	River Canal	: Rideau	Canal
		1938	; 1937	: 1938	: 1937
Vessels	No.	e O e		•••	0 0 0
Registered Tonnage	Tons		p 9 g		
Passengers	No.	• • •			0 . 0
Total Freight	Rops	0 • •	0 • •	o • •	000
		Richelie	u River Canal	Trent	Canal
Vessels	No.			n * *	1
Registered Tonnage	Tons				8
Passengers	No.	0 • •	\$ 0 0		
Total Freight	Tons	2 0 0			10
		Murr	ay Canal	St. Peter	r's Canal
Vessels	No.	1	0 0 0	66	80
Registered Tonnage	Tons	219	9 0 0	6,666	8,383
Passengers	No.	6 + +	0 4 0	2	2
Total Freight	Tons		0 0 0	4,851	8,065
		St. And	rew's Canal	All Canadi	ian Canals
Vessels	No.		0 4 0	251	272
Registered Tonnage	Tons	0 0 4	2 * *	177,917	138,665
Passengers	No,	5 e 8		7	18
	Tons			234,591	125,850

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SUMMARY OF CANAL TRAFFIC

FOR SEASON OF NAVIGATION, 1938

Sault Ste. Marie Can	nal	Season of Navigation					
		1938 : 1937					
EAST BOUND		Canadian	: Canadian & :	Canadian :	Canadian &		
		Lock	: U.S. Locks	Lock !	U.S. Locks		
Pulpwood	Cords	62,400	a40,025	129, 953	223,636		
Lumber	M Ft. B.M.	1,407	A1,266	2,595	31,918		
Flour	Barrels	3,883,970	6,548,330	3,582,630	6,284,910		
Wheat Other Grain	Bushels	21,851,600	174,188,538	13,156,633	117,192,703		
Copper	Short Tons	15,896,861 2,511	90,239,704	8,365,190 2,161	\$0,680,669 27, 3 30		
Iron Ore	11 11	-,)	20,046,872	0,:01	65,575,278		
Pig Iron	H H		51,503	2,381	383,385		
Structural Steel	11 11	5,263	90,437	5,649	72,247		
Stone Thedah	# #	9,485	17,560	8,455	22,850		
Other Freight		137,497	282,007	253,035	382,633		
Total	н	1,680,483	29,053,270	1,204,037	72,134,326		
Passengers	Number	15,743	20,838	16,905	23,594		
WEST BOUND							
Coal, soft	Short Tons	130,923	8,939,039	67,886	12,856,230		
Coal, hard	11 11	6,767	175,593	5,024	231,328		
Coke	11 11 11 88	D 0 0	000	5,800	5,800		
Iron Ore Structural Steel	n ii	18,734	5,676 35,876	1,275	41,046		
Salt	11 11	24,416	48,599	17,662	45,255		
Oil and Gasolene	11 11	67,365	762,519	67,860	624,829		
Stone	(t (t	8,354	372,876	6,522	689,760		
Other Freight		326,287	610,295	426,512	886,187		
Total	u II	587,560	10,990,046	615,892	15,502,296		
Passengers	Number	10,439	20,733	10,810	23,661		
Total freight	Short Tons	2,268,043	40,043,316	1,819,929	87,636,622		
Total passengers Namber of vessels	Number	26,182	41,571	27,715 3,256	47,255 19,983		
Registered tonnage no	et	3,236,544	30,148,765	4,052,685	68,394,660		
Welland Ship Canal:				son of Naviga			
			1938	•	1937		
Vessels	No.		6,3	578	5,826		
Registered Tonnage	Tons		11,101,		,584,993		
Passengers Barley	No. Tons		1,8		1,840		
Corn	10115		2,196,1		334,157 851,354		
Oats	ft		135,0		111,753		
Rye	11		92,2	2614	119,361		
Flaxseed Wheat	11		36,1	82	100,958		
Other Grains	11		2,653,2	770	,872,242 38,907		
Flour	11		161,0	36	134,553		
Hay and Straw	n			13	¢ 0 0		
Other Mill Products	98 88		20,7	702	19,657		
Fruit and Vegetables Potatoes	11			• •	340		
Fish	н			0 0	1,116		
Dressed Meats	11			• •	£ 9 8		
Other Packing House F				© •	O + 4		
Gasolene Gasolene	mets "		484,2	:66	451,903		
Petroleum and other C			455,6		472,799		
Agricultural Implemen			6,5	73	4,036		
Cement, Bricks, Lime	& Plaster "		16,9		21,755		
Iron, pig and bloom Iron and Steel, other			23,5 156,2		84,448 185,382		
Sugar	11		134,3		92,498		

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Salt Tons			Season	of Navigation
### ### ### ### ### ### ### ### ### ##	Velland Ship Canal - Cont	i'd.	1938	: 1937
### ### ### ### ### ### ### ### ### ##	Salt	Tons	49,031	39,010
Table	Beverages	11	6,040	7,385
Took Palpy	Autos and Parts	ff .		
Pulpwood	Paper	11	181,479	
Logs.Posts.Poles.Filing	Wood Palp	17		
			417,832	
Lumber Mill & Cooperage Stock Tons 10,189 1609 Other Forest Products Tons 1,369 141,396 Soft Ocal		11		500
Chief Torest Products Tons				
Rand Coal		Stock Tons	10,189	
Soft Cole " 3,071,493 3,875,427 Cobe " 143,010 180,241 Copper Ore " 6,300 1,500 Other Ore " 526,119 909,180 Other Ore " 526,119 909,180 Other Freight " 104,558 102,232 Sand, Gravel & Stone " 104,558 108,953 Other Freight " 12,633,093 11,747,950 t. Lawrence Canals Vessels No. 9,889 10,204 Registered Tonnage Tons 7,24,761 6,992,738 Passagugers No. 3,14 2,853 Passagugers No. 3,14 2,250 Corn " 1,626,513 397,306 Corn " 1,626,513 397,306 Other " 1,626,513 397,306 Rye " 105,807 94,529 Rye " 2,166 306,321 Corn "<			U 9 8	
Coxper Ore				44,396
Copper Ore			3,071,493	3,875,427
Tron One				
Other Ore				
Sand, Gravel & Stone " 104,558				
Other Freight " 194,479 544,757 Total " 12,633,093 11,747,950 t. Lawrence Canals t. Lawrence Canals Vessels No. 9,889 10,204 Registered Tonnage Tons 7,724,761 6,992,798 Passengers No. 3,486 92,798 Passengers No. 3,24 20,606 Corn " 1,626,513 937,306 Oats " 106,807 94,529 Rye " 66,896 110,016 Flaxesed " 21,66,011 1,853,001 Other Grains " 22,101 104,361 Flour " 1,212,101 104,361 Hay and Straw " 1,338 287 Other Mill Products " 1,338 287 Pitt and Vegetables " 1,398 1,447 Potatoes " 2 28 402 Tish " 2,506				
## 12,633,093			104,558	
Vessels	Other Freight	11	494,479	544:151
Vessels	Total	ft	12,633,093	11,747,950
Registered Tonnage				
Passengers No. 544,567 306,321 Barley Tons 524,567 306,321 Corn " 1,626,513 937,306 Oats " 106,807 94,529 Rye " 66,896 110,016 Flaxsed " 2,166,011 1,857,001 Other Grains " 55,112 34,198 Flour " 1,22,101 104,361 Hay and Straw " 1,22,101 104,361 Hay and Straw " 1,398 287 Other Mill Products " 19,931 18,200 Fruit and Vegetables " 8,320 4,547 Fotatoes " 28 402 Fish " 1,196 Dressed Meats " 19,931 18,200 Fruit and Vegetables " 8,320 4,547 All other Animal Pdts. " 2,506 4,310 Gasolene Packing House Pdts." 150 455 All other Animal Pdts. " 2,506 4,310 Gasolene " 580,529 550,640 Gasolene " 580,529 550,640 Fruit and Steel, other " 1,817 4,865 Cement, Bricks, Lime and Plaster Tons 2,907 7,090 Cement, Bricks, Lime and Plaster Tons 6,945 29,338 Iron and Steel, other " 73,272 130,876 Sugar " 144,191 122,159 Salt " 144,191 122,159 Salt " 144,185 13,685 Paper " 144,857 66,666 269,330 Wood Pulp Wood All Pulpwood Nose Response Nose				
Deriver Tons 524,567 306,821 Corn				
Corn Oats			501 567	
Oats " 106,807 94,529 Rye " 66,896 110,016 Flaxsed " 33,896 94,972 Wheat " 2,166,011 1,853,001 Other Grains " 58,112 34,198 Flour " 1,22,101 104,361 Hay and Straw " 1,398 287 Other Mill Products " 19,931 18,200 Fruit and Vegetables " 8,320 4,547 Potatoes " 23 402 Fish " 2. 60 Dressed Meats " 2. 50 85 Other Packing House Pdts." " 150 455 All other Animal Pdts. " 2,566 4,310 Gasolene B 580,529 550,640 4,310 Gesolene " 461,333 472,977 Agricultural Implements " 2,907 7,090 Iron, pig and bloom <th< td=""><td></td><td></td><td></td><td>300,821</td></th<>				300,821
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Salt # 49,471 44,871 Beverages # 6,350 6,344 Autos and Parts # 14,185 13,685 Paper # 82,242 130,370 Wood Fulp # 205,696 269,390 Pulpwood # 582,104 696,544 Logs,Posts,Poles,Piling # 100 3,166 Firewood # 100 3,166 Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal # 294,549 212,145 Soft Goal # 939,378 1,580,364 Coke # 82,467 148,294 Copper Ore # 2,700 1,400 Iron Ore # 115,402 167,244 Other Ore # 29,707 83,230 Sand, Gravel & Stone # 196,741 188,373 All other Freight # 589,665 699,453				
Beverages				
Autos and Parts " 14,185 13,685 Paper " 82,242 130,370 Wood Pulp " 205,696 269,890 Pulpwood " 582,104 696,544 Logs,Posts,Foles,Piling " 100 3,166 Firewood " 4,750 405 Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal " 294,549 212,145 Soft Coal " 939,378 1,580,364 Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 115,402 167,244 Other Ore " 29,707 88,280 Sand,Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453				
Paper " 82,242 130,370 Wood Pulp " 205,696 269,390 Pulpwood " 100 3,166 Logs, Posts, Poles, Piling " 100 3,166 Firewood " 4,750 405 Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal " 294,549 212,145 Soft Goal " 939,378 1,580,364 Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 29,707 83,230 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453				
Wood Pulp " 205,696 269,890 Pulpwood " 582,104 696,544 Logs,Posts,Foles,Piling " 100 3,166 Firewood " 4,750 405 Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal " 294,549 212,145 Soft Goal " 939,378 1,580,364 Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 115,402 167,244 Other Ore " 29,707 83,220 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453				
Pulpwood # 582,104 696,544 Logs, Posts, Poles, Piling " 100 3,166 Firewood " 4,750 405 Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal " 294,549 212,145 Soft Goal " 939,378 1,580,364 Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 115,402 167,244 Other Ore " 29,707 83,280 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453				
Logs, Posts, Foles, Piling " 4,750 405 Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal " 294,549 212,145 Soft Coal " 939,378 1,580,364 Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 15,402 167,244 Other Ore " 29,707 88,280 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665	-			
Firewood 4,750 405 Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal "294,549 212,145 Soft Coal "939,378 1,580,364 Coke "82,467 148,294 Cooper Ore "2,700 1,400 Iron Ore "15,402 167,244 Other Ore "29,707 88,230 Sand, Gravel & Stone "196,741 188,373 All other Freight "589,665 699,453				
Lumber Mill & Cooperage Stock Tons 28,791 35,830 Other Forest Products Tons 730 632 Hard Coal " 294,549 212,145 Soft Coal " 939,378 1,580,364 Coke " 82,467 148,294 Cooper Ore " 2,700 1,400 Iron Ore " 115,402 167,244 Other Ore " 29,707 85,250 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453				
Other Forest Products Tons 730 632 Hard Coal " 294,549 212,145 Soft Goal " 939,378 1,580,364 Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 115,402 167,244 Other Ore " 29,707 83,230 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453		Stock Tox		
Hard Coal 294,549 212,145 Soft Goal 939,378 1,580,364 Coke 82,467 148,294 Copper Ore 7,700 1,400 Iron Ore 8 115,402 167,244 Other Ore 83,230 Sand, Gravel & Stone 196,741 188,373 All other Freight 1589,665 699,453			730	632
Soft Coal " 939,378 1,580,364 Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 115,402 167,244 Other Ore " 29,707 88,280 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453		11	294,549	
Coke " 82,467 148,294 Copper Ore " 2,700 1,400 Iron Ore " 115,402 167,244 Other Ore " 29,707 88,220 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453			939,378	1,580,364
Iron Ore " 115,402 167,244 Other Ore " 29,707 85,250 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453	Coke			148,294
Other Ore " 29,707 88,280 Sand, Gravel & Stone " 196,741 188,373 All other Freight " 589,665 699,453				
Sand, Gravel & Stone 196,741 188,373 All other Freight 589,665 699,453				
All other Freight " 589,665 699,453			29,707	
Total # 9,236,318 9,195,139	All other Freight	11	589,665	699,453
	Total	If	9,236,318	9,195,1139

..... T. AIDT NAMES OF STREET 1-1-

SEASON OF NAVIGATION, 1938

	THE R	Ottawa River Canals		7 0	: Rideau Canal		
		1938	1937	0	1938 :	1937	
Vessels Registered Tonnage Passengers Total Freight	No. Tons No. Tons	1,669 344,040 12 2 99,693	2,097 409,141 600 349,078		245 4,759 2,735 1,623	401 30,318 2,890 16,481	
		Richelieu Ri	ver Canals	1	Trent Can	al	
Vessels Registered Tonnage Passengers Total Freight	No. Tons No. Tons	691 93,619 179 94,697	1,010 147,237 114 123,744		3,522 53,497 15,066 22,233	2,853 33,8 ¹¹ 2 28,536 2,3 ¹¹ 8	
		Murray	Canal	*	St. Peter's	Canal	
Vessels Registered Tonnage Passengers Total Freight	No. Tons No. Tons	383 23,903 77 2,3 ¹ 47	3 ⁴ 7 18,757 18 2,365		1,066 87,361 332 61,474	1,051 98,311 254 79,952	
		St. Andrew	's Canal	6	All Canadian C	anals	
Vessels Registered Tonnage Passengers Total Freight	No. Tons No. Tons	554 66,435 3,441 20,667	505 63,631 3,266 13,714		27,738 22,736,246 50,340 24,640,188	27,599 21,431,713 67,334 23,351,000	

TRATFIC ON CANADIAN CANALS

1938

	:		Ç	Freight Tonnage		
Canal	: Vessels	Registered Tonnage	Passengers;	9	Compared with 1937 (Increase +)	
	: Number :	-0344.050	: Number :	Tons 3	(Decrease -)	
Sault Ste. Marie	3,341	3,236,544	26,182	2,268,043	+ 448,114	
Welland Ship	6,378	11,101,327	1,802	12,633,093	+ 885,143	
St. Lawrence	9,889	7.724,761	314	9,236,318	+ 140,879	
Richelieu River	691	93,619	179	94:697	- 29,047	
St. Peter's	1,066	87,361	332	61,474	- 18,1478	
Murray	383	23,903	77	2,347	- 18	
Ottawa River	1,669	3/14,0/10	12	299,693	- 49,385	
Rideau	245	4,759	2,735	1,623	- 14,858	
Trent	3,522	53,497	15,066	22,233	+ 19,885	
St. Andrew's	554	66,435	3, ^{4,4} 1	20,667	+ 6,953	
TOTAL \$	27,738	22,736,246	50,140	24,640,188	+ 1,239,188	

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

