



SUMMARY OF CANAL STATISTICS

December, 1960

Navigation on the Sault Ste. Marie Canal was officially closed on December 12, on the Welland Canal, December 15, and on the St. Lawrence, November 30. However, the last vessel down bound on the St. Lawrence passed through on December 3. This was no earlier than the previous year but total freight cleared through all Canadian canals in December declined 41 per cent to 489,489 tons from 829,440 in December 1959. The number of vessel passages dropped to 430 from 583 with net registered tonnage down to 492,247 tons from 873,879.

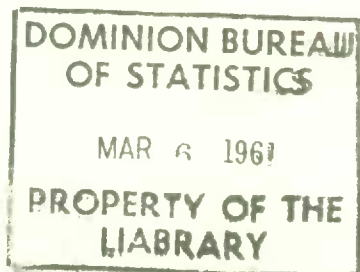
Sault Ste Marie Canals - Canadian and United States locks: With a complete stoppage of iron ore shipments, total freight transported through the combined system in December dropped to 860,679 tons from 5,021,154 in December 1959. Wheat shipments also were down, dropping to 608,294 tons from 984,180. Freight traffic through the Canadian lock totalled 21,523 tons as against 31,431 in December last year. Eastbound freight through both canals amounted to 820,890 tons compared with 4,885,297 in December 1959 while westbound traffic totalled 39,789 tons as against 135,857. The total number of vessel passages dropped to 497 from 883.

Welland Ship Canal: Freight transported through the Welland Ship Canal declined to 408,154 tons from 699,849 in the corresponding month last year. Eastbound freight dropped to 337,167 tons from 594,731 while westbound freight was down to 70,987 tons from 105,118. Vessel passages numbered 175 with a registered net tonnage of 342,195 tons as against 260 vessels of 634,744 net tons in December 1959.

St. Lawrence Canals: The early close of navigation on the St. Lawrence brought total freight clearances for December down to 22,033 tons from 70,754 in December 1959. During the month only 74 vessels of 61,921 registered net tons passed through, compared with 158 vessels of 139,559 tons in the same period last year.

Prepared in the Transportation Section
Public Finance and Transportation Division.

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SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
<u>December, 1960</u>					
<u>ALL CANADIAN CANALS</u>	430	492,247	10	3	489,489
Canso Canal	75	47,420	-	-	37,723
Murray Canal	1	11	-	3	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	-	-	-	-	-
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	74	61,921	-	(1)	22,033
St. Peter's Canal	22	824	-	-	56
Sault Ste Marie Canal	83	39,876	10	-	21,523
Trent Canal	-	-	-	-	-
Welland Ship Canal	175	342,195	-	-	408,154
<u>December, 1959</u>					
<u>ALL CANADIAN CANALS</u>	583	873,879	10	48	829,440
Canso Canal	69	34,379	-	42	27,366
Murray Canal	-	-	-	-	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	6	853	-	-	-
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	158	139,559	-	5	70,754
St. Peter's Canal	16	579	-	-	40
Sault Ste. Marie Canal	74	63,765	2	-	31,431
Trent Canal	-	-	-	-	-
Welland Ship Canal	260	634,744	8	1	699,849
<u>December, 1960</u>					
<u>SAULT STE. MARIE CANALS</u>					
<u> EAST BOUND</u>					
Canadian Lock	39	17,054	11	-	11,269
Can. & U.S. Locks	282	N.A.	-	-	820,890
<u> WEST BOUND</u>					
Canadian Lock	44	22,822	-	-	10,254
Can. & U.S. Locks	215	N.A.	-	-	39,789
<u>SAULT STE. MARIE CANALS</u>					
<u> TOTAL</u>					
Canadian Lock - December - 1960	83	39,876	10	-	21,523
Can. & U.S. Locks - December - 1960	497	N.A.	10	-	860,679
Canadian Lock - December - 1959	74	63,765	2	-	31,431
Can. & U.S. Locks - December - 1959	883	4,232,215	2	-	5,021,154
<u>WELLAND SHIP CANAL</u>					
East Bound	109	214,292	-	-	337,167
West Bound	66	127,903	-	-	70,987
Total - December - 1960	175	342,195	-	-	408,154
Total - December - 1959	260	634,744	8	1	699,849
<u>ST. LAWRENCE CANALS</u>					
East Bound	33	10,977	-	-	16,825
West Bound	41	50,944	-	-	5,208
Total - December - 1960	74	61,921	-	-	22,033
Total - December - 1959	158	139,559	-	5	70,754

(1) Included with number of vessel passages
 One passenger through one lock station recorded as "1"
 One pleasure craft through one lock station recorded as "1"

N.A. Not available

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December, 1960

COMMODITIES	EAST BOUND		WEST BOUND		TOTAL	
	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks
SAULT STE. MARIE CANALS						
			- Tons -			
Wheat	-	608,294	-	-	-	608,294
Corn	-	1,625	-	-	-	1,625
Oats	-	28,486	-	-	-	28,486
Barley	-	127,100	-	-	-	127,100
Rye	-	2,808	-	-	-	2,808
Flour	-	769	-	-	-	769
Mill products, other	1,607	5,289	-	-	1,607	5,289
Flaxseed	-	4,969	-	-	-	4,969
Products of agriculture, other	-	-	-	-	-	-
Coal, bituminous	-	-	-	9,053	-	9,053
Iron ore	-	-	-	-	-	-
Sand, gravel and stone	1,676	1,676	5,940	10,440	7,616	12,116
Pulpwood, lumber and logs	-	-	-	-	-	-
Gasoline	-	-	3,602	3,602	3,602	3,602
Fuel, road, and petroleum residual oils	-	-	-	-	-	-
Iron, pig	4,007	4,007	-	-	4,007	4,007
Manufactured iron and steel	2,145	11,966	-	-	2,145	11,966
Motor vehicles	-	-	-	74	-	74
Cement	-	-	-	-	-	-
Paper and wood pulp	-	14,227	-	-	-	14,227
Scrap iron and steel	-	7,840	-	-	-	7,840
Domestic package freight	1,834	1,834	712	712	2,546	2,546
Manufactures and miscellaneous, other	-	-	-	15,908	-	15,908
TOTAL	11,269	820,890	10,254	39,789	21,523	860,679

	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL									
Wheat	99,358	-	99,358	-	-	-	99,358	-	99,358
Corn	48,223	-	48,223	-	-	-	48,223	-	48,223
Oats	1,515	-	1,515	-	-	-	1,515	-	1,515
Barley	54,091	-	54,091	-	-	-	54,091	-	54,091
Rye	-	-	-	-	-	-	-	-	-
Flour, wheat	-	-	-	-	-	-	-	-	-
Mill products, other	-	-	-	-	-	-	-	-	-
Soybeans	54,506	-	54,506	-	-	-	54,506	-	54,506
Beans and peas, dried	-	-	-	-	-	-	-	-	-
Malt	-	-	-	-	-	-	-	-	-
Flaxseed	4,969	-	4,969	-	-	-	4,969	-	4,969
Products of agriculture, other	1,508	-	1,508	-	-	-	1,508	-	1,508
Packing house products	-	-	-	-	-	-	-	-	-
Animals and products, other	-	-	-	-	-	-	-	-	-
Coal, bituminous	14,150	-	14,150	-	-	-	14,150	-	14,150
Coke	-	-	-	-	-	-	-	-	-
Iron ore	-	-	-	-	-	-	-	-	-
Gravel and sand	-	-	-	5,097	-	5,097	5,097	-	5,097
Stone, crushed, broken	-	-	-	-	-	-	-	-	-
Salt	-	-	-	-	-	-	-	-	-
Sulphur	-	-	-	-	-	-	-	-	-
Products of mines, other	-	-	-	19,505	-	19,505	19,505	-	19,505
Pulpwood	-	-	-	-	-	-	-	-	-
Products of forests, other	-	-	-	-	-	-	-	-	-
Gasoline	3,443	-	3,443	9,315	-	9,315	12,758	-	12,758
Fuel, road, and petroleum residual oils	30,899	-	30,899	15,170	-	15,170	46,069	-	46,069
Lubricating oils and greases	2,906	-	2,906	-	-	-	2,906	-	2,906
Petroleum products, refined, other	2,763	-	2,763	-	-	-	2,763	-	2,763
Soybean oil	-	-	-	-	-	-	-	-	-
Chemicals	1,762	-	1,762	-	-	-	1,762	-	1,762
Sodium (soda) products	-	-	-	-	-	-	-	-	-
Tar, pitch and creosote	-	-	-	-	-	-	-	-	-
Iron, pig	-	-	-	-	-	-	-	-	-
Iron and steel: bar, rod and slab	1,537	-	1,537	-	-	-	1,537	-	1,537
Iron and steel, other	-	-	-	-	-	-	-	-	-
Manufactured iron and steel	-	-	-	-	-	-	-	-	-
Motor vehicles	-	-	-	-	-	-	-	-	-
Cement	7,580	-	7,580	4,721	-	4,721	12,301	-	12,301

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December, 1960

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COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL - (Cont'd.)									
									tons
Wood pulp	-	-	-	-	-	-	-	-	-
Newsprint paper	-	-	-	-	14,489	14,489	-	14,489	14,489
Syrup and molasses, refined and residual	-	-	-	-	-	-	-	-	-
Food products, in cans and packages	-	-	-	-	-	-	-	-	-
Feed, animal and poultry	3,945	-	3,945	-	-	-	3,945	-	3,945
Scrap iron and steel	-	-	-	-	-	-	-	-	-
Domestic package freight	4,012	-	4,012	2,566	-	2,566	6,578	-	6,578
Manufactures and miscellaneous, other	-	-	-	-	124	124	-	124	124
TOTAL	337,167	-	337,167	56,374	14,613	70,987	393,541	14,613	408,154
ST. LAWRENCE CANALS									
Wheat	16,433	-	16,433	-	-	-	16,433	-	16,433
Corn	-	-	-	-	-	-	-	-	-
Oats	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Rye	-	-	-	-	-	-	-	-	-
Flour, wheat	-	-	-	-	-	-	-	-	-
Mill products, other	-	-	-	-	-	-	-	-	-
Soybeans	-	-	-	-	-	-	-	-	-
Soybean oil cake and meal	-	-	-	-	-	-	-	-	-
Beans and peas, dried	-	-	-	-	-	-	-	-	-
Malt	-	-	-	-	-	-	-	-	-
Flaxseed	-	-	-	-	-	-	-	-	-
Products of agriculture, other	-	-	-	-	-	-	-	-	-
Packing house products	-	-	-	-	-	-	-	-	-
Animals and products, other	-	-	-	-	-	-	-	-	-
Coal, bituminous	-	-	-	-	-	-	-	-	-
Coke	-	-	-	-	-	-	-	-	-
Iron ore	-	-	-	-	-	-	-	-	-
Gravel and sand	-	-	-	-	-	-	-	-	-
Petroleum, crude	-	-	-	-	-	-	-	-	-
Salt	-	-	-	-	-	-	-	-	-
Phosphate rock	-	-	-	-	-	-	-	-	-
Sulphur	-	-	-	-	-	-	-	-	-
Products of mines, other	-	-	-	-	-	-	-	-	-
Pulpwood	-	-	-	-	-	-	-	-	-
Products of forests, other	200	-	200	-	-	-	200	-	200
Gasoline	-	-	-	-	-	-	-	-	-
Fuel, road, and petroleum residual oils	-	-	-	-	-	-	-	-	-
Lubricating oils and greases	-	-	-	-	-	-	-	-	-
Petroleum products, refined, other	-	-	-	-	-	-	-	-	-
Chemicals	-	-	-	-	-	-	-	-	-
Aluminum: bar, ingot, pig and slab	-	-	-	-	-	-	-	-	-
Iron, pig	-	-	-	-	-	-	-	-	-
Iron and steel: bar, rod and slab	-	-	-	-	-	-	-	-	-
Iron and steel, other	122	-	122	-	-	-	122	-	122
Manufactured iron and steel	-	-	-	-	-	-	-	-	-
Motor vehicles	-	-	-	-	-	-	-	-	-
Wood pulp	-	-	-	-	-	-	-	-	-
Newsprint paper	-	-	-	-	2,480	2,480	-	2,480	2,480
Syrup and molasses, refined and residual	-	-	-	-	-	-	-	-	-
Sugar	-	-	-	-	-	-	-	-	-
Food products, in cans and packages	-	-	-	-	-	-	-	-	-
Feed, animal and poultry	-	-	-	-	-	-	-	-	-
Scrap iron and steel	-	-	-	-	-	-	-	-	-
Domestic package freight	-	-	-	2,355	-	2,355	2,355	-	2,355
Manufactures and miscellaneous, other	70	-	70	-	373	373	70	373	443
TOTAL	16,825	-	16,825	2,355	2,853	5,208	19,180	2,853	22,033

Includes 392 tons of non toll traffic.