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DOMINION BUREAU OF STATISTICS

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OF STATISTICS
Memorandum
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Price per year \$1.00SUMMARY OF CANAL STATISTICSAPRIL, 1958

April statistics relate to the period between the opening of navigation on the various canals and the end of April. In 1958, opening dates for the three major canals were later than in the previous year, the first vessel passing through the Welland Ship Canal on April 1 (as against March 30 last year), the Canadian lock at Sault Ste Marie on April 8 (April 5) and the St. Lawrence Canals on April 14 (April 10). Statistics presented for the Canso Canal, which remained open throughout the winter months, include 42 vessels and 18,709 tons of cargo representing traffic during January, February and March.

Freight transported through all Canadian canals during the period was down by 30 p.c., dropping to 2,117,417 tons from 3,011,831 in 1957. Decreased shipments of bituminous coal and iron ore through the Welland and St. Lawrence systems were mainly responsible for this decline. The number of vessel passages and registered net tonnage dropped to 1,518 and 2,126,089 from 1,725 and 2,748,123 respectively.

Sault Ste. Marie Canals - Canadian and United States Locks: Freight traffic through the Canadian lock declined 14,795 tons to 69,647 from 84,442 tons in April 1957. The amount of freight carried through the combined system fell to 1,137,537 tons from 5,024,750 due to a lower volume of iron ore, bituminous coal and wheat. The decline in iron ore shipments alone accounted for 76 p.c. of the decrease.

Welland Ship Canal: The volume of freight carried through the Welland Ship Canal amounted to 1,371,702 tons, a decrease of 751,105 tons or 35 per cent from the April 1957 total of 2,122,807 tons. Shipments of bituminous coal fell to 567,061 tons from 996,569, iron ore to 61,738 tons from 185,522, crude petroleum to 13,130 tons from 144,276 and full oil to 52,339 tons from 85,485. However, increases were recorded for a few commodities including oats, barley and gasoline. The number of vessels declined to 593 from 830 while the registered net tonnage fell to 1,363,350 from 1,943,907.

St. Lawrence Canals: Due mainly to declines in iron ore and bituminous coal, shipments of freight through the St. Lawrence canals were down by 26 p.c., totalling 592,585 tons as against 799,156 in April last year. Increases were registered in wheat shipments which rose to 232,124 tons from 185,984 and barley which advanced to 73,204 tons from 22,868. Vessel passages numbered 576 totalling 541,711 net tons as against 641 vessels of 598,953 tons in April, 1957.

Prepared in the Transportation and Public Utilities Section
Public Finance and Transportation Division.

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SUMMARY OF CANAL STATISTICS

	A P R I L, 1 9 5 8					Cumulative tons of freight 1958
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight	
ALL CANADIAN CANALS	1,518	2,126,089	4	17	2,117,417	
Canso Canal ^{1/}	112	58,247	-	-	72,526	
Murray Canal	5	845	-	3	33	
Ottawa River Canals	-	-	-	8	-	
Richelieu River Canal	40	7,128	-	-	10,683	
Rideau Canal	-	-	-	-	-	
St. Andrew's Canal	-	-	-	-	-	
St. Lawrence Canals	576	541,711	-	4	592,585	
St. Peter's Canal	74	2,132	-	-	241	
Sault Ste. Marie Canal	118	152,676	4	2	69,647	
Trent Canal	-	-	-	-	-	
Welland Ship Canal	593	1,363,350	-	-	1,371,702	
	A P R I L, 1 9 5 7					Cumulative-1957
ALL CANADIAN CANALS	1,725	2,748,123	4	46	3,011,831	
Canso Canal	27	8,045	-	-	3,358	
Murray Canal	7	3,343	-	8	-	
Ottawa River Canals	15	1,262	-	38	-	
Richelieu River Canal	21	3,407	-	-	2,040	
Rideau Canal	-	-	-	-	-	
St. Andrew's Canal	-	-	-	-	-	
St. Lawrence Canals	641	598,953	-	-	799,156	
St. Peter's Canal	56	587	-	-	28	
Sault Ste. Marie Canal	128	188,619	4	-	84,442	
Trent Canal	-	-	-	-	-	
Welland Ship Canal	830	1,943,907	-	-	2,122,807	

	April, 1958		April, 1957		Cumulative-1958	Cumulative-1957
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
SAULT STE. MARIE CANALS						
EASTBOUND						
Number of vessel passages	45	181	45	402		
Registered net tonnage	48,239	530,932	55,170	1,940,450		
Number of passengers	-	7	-	1		
Commodities (Cargo tons)						
Newsprint and wood pulp	10,694	10,694	11,780	14,780		
Pulpwood, lumber and logs	-	-	-	-		
Wheat	3,591	531,398	3,814	723,718		
Barley	7,703	219,675	5,931	91,980		
Oats	7,253	69,875	7,351	35,111		
Corn	-	-	-	7,438		
Rye	-	14,781	-	456		
Flaxseed	-	11,039	769	58,686		
Flour	655	4,216	1,341	1,341		
Other grain & mill products	1,210	8,651	4,912	11,139		
Iron ore	-	50,426	-	3,024,758		
Manufactured iron & steel	6,700	6,700	11,243	17,304		
Pig iron	-	-	-	-		
Scrap iron	-	-	-	17,472		
Sand, gravel and stone	5,910	5,910	-	-		
Petroleum, crude	-	13,013	-	46,955		
Other petroleum products	1,700	1,700	2,700	6,700		
All other freight	-	5	6	6		
TOTAL FREIGHT	45,416	948,083	49,847	4,057,844		

^{1/} Includes 42 vessels of 21,012 registered net tons carrying 18,709 tons of freight which passed through the canal during the period January 1 to March 31, 1958.

SUMMARY OF CANAL STATISTICS

	April, 1958		April, 1957		Cumulative-1958	Cumulative-1957
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks

SAULT STE. MARIE CANALS
WESTBOUND

Number of vessel passages	73	231	83	519		
Registered net tonnage	104,437	699,484	133,449	2,478,142		
Number of passengers	4	12	4	5		
<u>Commodities (Cargo tons)</u>						
Cement	-	-	-	7,487		
Coal, bituminous	-	62,374	-	781,514		
Coal, anthracite	-	-	-	33,905		
Coke	-	-	-	12,279		
Iron ore	2,000	11,348	-	750		
Manufactured iron & steel	-	6,200	1,228	6,328		
Scrap iron	-	-	-	-		
Salt	3,027	3,027	3,195	8,695		
Sand, gravel and stone	250	29,868	-	45,560		
Gasoline	-	23,927	2,550	9,950		
Fuel oil	2,800	22,856	5,400	26,607		
Other petroleum products	2,600	2,600	2,958	3,265		
Autos, trucks & parts	338	650	643	831		
All other freight	13,216	26,604	18,621	29,735		
TOTAL FREIGHT	24,231	189,454	34,595	966,906		

SAULT STE. MARIE CANALS
TOTAL

Number of vessel passages	118	412	128	921		
Registered net tonnage	152,676	1,230,416	188,619	4,418,592		
Number of passengers	4	19	4	6		
Number of pleasure craft	2	2	-	-		
Tons of freight	69,647	1,137,537	84,442	5,024,750		

	April, 1958			April, 1957	1958	1957
	Up	Down	Total	Total	Cumulative Total	

WELLAND SHIP CANAL

Number of vessel passages	327	266	593	830		
Registered net tonnage	735,702	627,648	1,363,350	1,943,907		
Number of passengers	-	-	-	-		
Number of pleasure craft	-	-	-	-		

Commodities (Cargo tons)

Wheat	10,958	197,688	208,646	216,591		
Corn	-	8,048	8,048	13,695		
Oats	-	32,839	32,839	16,532		
Barley	-	140,252	140,252	54,317		
Rye	-	1,282	1,282	-		
Flaxseed	-	11,035	11,035	45,823		
Other grain	-	27,805	27,805	43,767		
Flour	-	650	650	485		
Mill products	200	1,531	1,731	2,697		
Coal, anthracite	-	-	-	-		
Coal, bituminous	8,127	558,934	567,061	996,569		
Coke	122	3,000	3,122	-		
Iron ore	61,738	-	61,738	185,522		
Petroleum, crude	-	13,130	13,130	144,276		
Sand, gravel and stone	9,901	-	9,901	22,694		
Salt	-	3,470	3,470	3,207		
Pulpwood	1,332	-	1,332	936		
Gasoline	31,580	11,188	42,768	35,662		
Fuel oil	10,350	41,989	52,339	85,485		
Petroleum oils & other petroleum prod.	7,300	3,250	10,550	35,975		
Iron and steel	3,080	5,069	8,149	13,149		
Autos, trucks and parts	1,197	5	1,202	797		
Wood pulp	3,032	-	3,032	2,600		
Newsprint	51,631	-	51,631	50,135		
Other manufactured products	7,610	24,400	32,010	46,310		
All other freight	39,668	38,311	77,979	105,583		
TOTAL FREIGHT	247,826	1,123,876	1,371,702	2,122,807		

SUMMARY OF CANAL STATISTICS



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	April, 1958			April, 1957	1958	1957
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	312	264	576	641		
Registered net tonnage	287,006	254,705	541,711	598,953		
Number of passengers	-	-	-	-		
Number of pleasure craft	-	-	4	-		
<u>Commodities (Cargo tons)</u>						
Wheat	-	232,124	232,124	185,984		
Corn	-	2,728	2,728	9,545		
Oats	-	14,390	14,390	6,431		
Barley	-	73,204	73,204	22,868		
Rye	-	1,282	1,282	-		
Flaxseed	-	3,448	3,448	30,889		
Other grain	-	16,354	16,354	7,263		
Flour	-	250	250	150		
Mill products	-	-	-	-		
Coal, anthracite	3,100	-	3,100	-		
Coal, bituminous	5,199	38,076	43,275	182,335		
Coke	-	3,000	3,000	-		
Iron ore	-	-	-	141,991		
Petroleum, crude	7,400	-	7,400	-		
Sand, gravel and stone	-	-	-	-		
Salt	-	2,970	2,970	3,207		
Pulpwood	1,332	-	1,332	936		
Gasoline	-	5,300	5,300	10,300		
Fuel oil	27,845	-	27,845	46,123		
Petroleum oils & other petroleum prod.	6,250	1,000	7,250	11,679		
Iron and steel	1,490	12,063	13,553	19,169		
Autos, trucks and parts	2,199	105	2,304	697		
Wood pulp	3,373	-	3,373	-		
Newsprint	18,676	-	18,676	17,536		
Other manufactured products	13,226	5,621	18,847	9,310		
All other freight	67,334	23,246	90,580	92,743		
TOTAL FREIGHT	157,424	435,161	592,585	799,156		
<u>CANSO CANAL</u>						
Number of vessel passages	64	48	112	27		
Registered net tonnage	41,272	16,975	58,247	8,045		
Number of passengers	-	-	-	-		
Number of pleasure craft	-	-	-	-		
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	-		
Fruit and vegetables	-	2,050	2,050	595		
Fish	-	881	881	63		
Coal	-	-	-	-		
Coke	-	-	-	-		
Ores	-	-	-	-		
Pulpwood	3,000	3,262	6,262	-		
Gasoline	17,156	6,060	23,216	200		
Petroleum oils and other petroleum prod.	32,631	1,485	34,116	2,500		
Iron and steel	-	-	-	-		
Newsprint	-	-	-	-		
All other freight	2,289	3,712	6,001	-		
TOTAL	55,076	17,450	72,526	3,358		