



MAR 9 1961

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## SUMMARY OF CANAL STATISTICS

November, 1960

Freight transported through Canadian canals during November declined 12 per cent to 5,454,395 tons from 6,217,508 in the corresponding month last year. The major factor in this decline was a drop in shipments of iron ore which were down 624,000 tons on the Welland canal and 370,000 tons on the St. Lawrence. The number of vessel passages declined to 2,790 from 3,029 with registered net tonnage down to 4,932,793 tons from 4,978,601. Pleasure craft lockages numbered 75 as against 151 in November, 1959, and the number of passengers dropped to 50 from 95.

Sault Ste. Marie Canals - Canadian and United States Locks: The total volume of freight cleared through the combined system dropped to 4,496,169 tons from 8,448,031 in November, 1959. Eastbound shipments of iron ore were cut to 1,949,793 tons from 5,445,344 and westbound coal dropped to 412,270 tons from 976,303. Total eastbound freight was down 47 per cent to 3,726,192 tons from 7,068,771 while westbound freight declined to 769,977 tons from 1,379,260. Total traffic through the Canadian lock rose to 221,695 tons from 217,777. Vessel passages through both canals dropped to 1,293 from 1,844.

Welland Ship Canal: With iron ore shipments down to 184,750 tons from 809,059, total freight cleared through the Welland Ship Canal declined 17.6 per cent to 2,802,440 tons from 3,399,837 in November, 1959. Eastbound freight was down 2 per cent to 2,311,420 tons from 2,367,549 while westbound freight fell 52 per cent to 491,020 tons from 1,032,288. Vessel passages dropped to 880 from 1,177 with registered net tonnage down to 2,466,332 tons from 2,709,554.

St. Lawrence Canals: Freight transported through the St. Lawrence Canals in November totalled 2,292,907 tons as against 2,441,405 in the corresponding month last year, a decrease of 6 per cent. Shipments of iron ore westbound dropped to 137,195 tons from 507,531. Other commodities showing decreases were bituminous coal, down to 74,129 tons from 130,366, wheat down to 431,884 from 538,507 and oats, to 51,618 tons from 122,797. Total eastbound freight was up 19 per cent to 1,727,778 tons from 1,446,770 while westbound freight dropped 43 per cent to 565,129 tons from 994,635. During the month 1,272 vessels of 1,945,142 registered net tons passed through the canals as against 1,284 vessels of 1,816,344 tons in November, 1959.

Prepared in the Transportation Section  
Public Finance and Transportation Division.

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
<u>November, 1960</u>					
<u>ALL CANADIAN CANALS</u>	2,790	4,932,793	50	75	5,454,395
Canso Canal	159	114,778	-	-	115,814
Murray Canal	7	1,582	-	12	-
Ottawa River Canals	16	7,393	-	-	6,300
Richelieu River Canal	103	17,691	-	-	15,211
Rideau Canal	1	13	(1)	48	-
St. Andrew's Canal	1	22	-	-	-
St. Lawrence Canals	1,272	1,945,142	32	1 (3)	2,292,907
St. Peter's Canal	30	3,134	-	-	28
Sault Ste Marie Canal	320	376,659	5	-	221,695
Trent Canal	1	47	(2)	14	-
Welland Ship Canal	880	2,466,332	13	-	2,802,440
<u>November, 1959</u>					
<u>ALL CANADIAN CANALS</u>	3,029	4,978,601	95	151	6,217,508
Canso Canal	170	128,078	-	41	140,442
Murray Canal	17	4,752	-	13	-
Ottawa River Canals	4	236	4	20	-
Richelieu River Canal	102	18,084	-	-	18,047
Rideau Canal	1	90	-	59	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	1,284	1,816,344	35	8	2,441,405
St. Peter's Canal	22	1,100	-	2	-
Sault Ste. Marie Canal	252	300,363	22	-	217,777
Trent Canal	-	-	-	7	-
Welland Ship Canal	1,177	2,709,554	34	1	3,399,837
<u>November, 1960</u>					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	155	163,982	4	-	127,169
Can. & U.S. Locks	663	N.A.	4	-	3,726,192
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	165	212,677	1	-	94,526
Can. & U.S. Locks	630	N.A.	1	-	769,977
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - November - 1960	320	376,659	5	-	221,695
Can. & U.S. Locks - November - 1960	1,293	N.A.	5	-	4,496,169
Canadian Lock - November - 1959	252	300,363	22	-	217,777
Can. & U.S. Locks - November - 1959	1,844	7,289,115	22	-	8,448,031
<u>WELLAND SHIP CANAL</u>					
East Bound	476	1,313,184	8	-	2,311,420
West Bound	404	1,153,148	5	-	491,020
Total - November - 1960	880	2,466,332	13	-	2,802,440
Total - November - 1959	1,177	2,709,554	34	1	3,399,837
<u>ST. LAWRENCE CANALS</u>					
East Bound	670	1,048,846	18	-	1,727,778
West Bound	602	896,296	14	1	565,129
Total - November - 1960	1,272	1,945,142	32	1	2,292,907
Total - November - 1959	1,284	1,816,344	35	8	2,441,405

- (1) Exclusive of 80 passengers carried in pleasure craft (100 in 1959)
- (2) 62 passengers carried in small boats (18 in 1959)
- (3) 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.

SUMMARY OF CANAL STATISTICS

November, 1960

COMMODITIES	EAST BOUND		WEST BOUND		T O T A L	
	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	13,326	910,326	-	-	13,326	910,326
Corn	-	45,919	-	-	-	45,919
Oats	4,998	160,030	-	-	4,998	160,030
Barley	6,834	286,163	-	-	6,834	286,163
Rye	630	15,856	-	-	630	15,856
Flour	-	8,450	68	68	68	8,518
Mill products, other	15,850	76,268	-	-	15,850	76,268
Flaxseed	2,763	67,698	-	-	2,763	67,698
Products of agriculture, other	5,027	5,027	-	-	5,027	5,027
Coal, bituminous	-	-	8,875	412,270	8,875	412,270
Iron ore	-	1,949,793	-	9,225	-	1,959,018
Sand, gravel and stone	13,181	13,181	8,588	128,053	21,769	141,234
Pulpwood, lumber and logs	-	1,400	-	-	-	1,400
Gasoline	-	-	7,884	21,394	7,884	21,394
Fuel, road, and petroleum residual oils	233	4,476	27,152	53,199	27,385	57,675
Iron, pig	2,504	27,645	-	-	2,504	27,645
Manufactured iron and steel	1,851	48,754	-	51,043	1,851	99,797
Motor vehicles	-	-	111	2,669	111	2,669
Cement	-	-	2,019	10,019	2,019	10,019
Paper and wood pulp	24,581	38,630	-	-	24,581	38,630
Scrap iron and steel	2,100	26,568	-	9,630	2,100	36,198
Domestic package freight	16,347	16,347	33,457	33,457	49,804	49,804
Manufactures and miscellaneous, other	16,944	23,661	6,372	38,950	23,316	62,611
<b>TOTAL</b>	<b>127,169</b>	<b>3,726,192</b>	<b>94,526</b>	<b>769,977</b>	<b>221,695</b>	<b>4,496,169</b>

COMMODITIES	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL									
Wheat	502,761	-	502,761	-	-	-	502,761	-	502,761
Corn	230,698	-	230,698	-	-	-	230,698	-	230,698
Oats	65,244	-	65,244	-	-	-	65,244	-	65,244
Barley	172,101	-	172,101	-	-	-	172,101	-	172,101
Rye	8,504	-	8,504	-	-	-	8,504	-	8,504
Flour, wheat	45,800	-	45,800	224	-	224	46,024	-	46,024
Mill products, other	23,477	504	23,981	224	3,104	3,328	23,701	3,608	27,309
Soybeans	158,829	-	158,829	-	-	-	158,829	-	158,829
Beans and peas, dried	8,862	-	8,862	7	8	15	8,869	8	8,877
Malt	5,027	-	5,027	-	-	-	5,027	-	5,027
Flaxseed	53,376	-	53,376	-	-	-	53,376	-	53,376
Products of agriculture, other	32,690	956	33,646	1,018	510	1,528	33,708	1,466	35,174
Packing house products	11,227	9,946	21,173	-	-	-	11,227	9,946	21,173
Animals and products, other	449	18,939	19,388	3,105	990	4,095	3,554	19,929	23,483
Coal, bituminous	351,823	-	351,823	-	-	-	351,823	-	351,823
Coke	12,068	-	12,068	-	-	-	12,068	-	12,068
Iron ore	47,555	-	47,555	137,195	-	137,195	184,750	-	184,750
Gravel and sand	1,456	-	1,456	10,660	-	10,660	12,116	-	12,116
Stone, crushed, broken	-	-	-	72,910	-	72,910	72,910	-	72,910
Salt	27,524	62	27,586	-	-	-	27,524	62	27,586
Sulphur	-	-	-	-	-	-	-	-	-
Products of mines, other	12,234	143	12,377	19,240	79	19,319	31,474	222	31,696
Pulpwood	-	-	-	900	-	900	900	-	900
Products of forests, other	792	682	1,474	-	145	145	792	827	1,619
Gasoline	6,689	-	6,689	22,405	-	22,405	29,094	-	29,094
Fuel, road, and petroleum residual oils	45,899	-	45,899	16,616	-	16,616	62,515	-	62,515
Lubricating oils and greases	5,033	548	5,581	17,200	-	17,200	22,233	548	22,781
Petroleum products, refined, other	11,319	3,200	14,519	-	-	-	11,319	3,200	14,519
Soybean oil	8,105	21	8,126	-	-	-	8,105	21	8,126
Chemicals	5,925	6,412	12,337	25	591	616	5,950	7,003	12,953
Sodium (soda) products	14,830	278	15,108	-	-	-	14,830	278	15,108
Tar, pitch and creosote	11,190	-	11,190	2,390	-	2,390	13,580	-	13,580
Iron, pig	-	-	-	3,226	-	3,226	3,226	-	3,226
Iron and steel: bar, rod and slab	1,722	34,589	36,311	-	838	838	1,722	35,427	37,149
Iron and steel, other	7,160	21,603	28,763	-	1,277	1,277	7,160	22,880	30,040
Manufactured iron and steel	-	33,048	33,048	213	11,867	12,080	213	44,915	45,128
Motor vehicles	-	7,804	7,804	138	792	930	138	8,596	8,734
Cement	15,796	-	15,796	2,019	-	2,019	17,815	-	17,815



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- 4 -

## SUMMARY OF CANAL STATISTICS

November, 1960

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
- tons -									
<b>WELLAND SHIP CANAL - (Cont'd.)</b>									
Wood pulp	749	-	749	8,896	-	8,896	9,645	-	9,645
Newsprint paper	-	5,646	5,646	-	66,708	66,708	-	72,354	72,354
Syrup and molasses, refined and residual	276	89	365	9,806	-	9,806	10,082	89	10,171
Food products, in cans and packages	-	13,354	13,354	-	3,010	3,010	-	16,364	16,364
Feed, animal and poultry	22,674	245	22,919	-	-	-	22,674	245	22,919
Scrap iron and steel	137,871	1,600	139,471	-	-	-	137,871	1,600	139,471
Domestic package freight	23,696	-	23,696	29,533	-	29,533	53,229	-	53,229
Manufactures and miscellaneous, other	8,905	51,415	60,320	18,085	25,066	43,151	26,990	76,481	103,471
<b>TOTAL</b>	<b>2,100,336</b>	<b>211,084</b>	<b>2,311,420</b>	<b>376,035</b>	<b>114,985</b>	<b>491,020</b>	<b>2,476,371</b>	<b>326,069</b>	<b>2,802,440</b>
<b>ST. LAWRENCE CANALS</b>									
Wheat	431,884	-	431,884	-	-	-	431,884	-	431,884
Corn	184,603	-	184,603	1,094	-	1,094	185,697	-	185,697
Oats	51,618	-	51,618	-	-	-	51,618	-	51,618
Barley	128,300	-	128,300	-	-	-	128,300	-	128,300
Rye	9,996	-	9,996	-	-	-	9,996	-	9,996
Flour, wheat	45,726	-	45,726	-	-	-	45,726	-	45,726
Mill products, other	23,477	504	23,981	13	3,104	3,117	23,490	3,608	27,098
Soybeans	74,281	-	74,281	-	-	-	74,281	-	74,281
Soybean oil cake and meal	37,370	-	37,370	-	-	-	37,370	-	37,370
Beans and peas, dried	8,912	-	8,912	88	8	96	9,000	8	9,008
Malt	5,027	57	5,084	-	-	-	5,027	57	5,084
Flaxseed	49,217	-	49,217	-	-	-	49,217	-	49,217
Products of agriculture, other	20,682	1,019	21,701	302	3,158	3,460	20,984	4,177	25,161
Packing house products	11,673	9,946	21,619	-	-	-	11,673	9,946	21,619
Animals and products, other	1,068	22,947	24,015	3,105	1,466	4,571	4,173	24,413	28,586
Coal, bituminous	37,761	-	37,761	36,368	-	36,368	74,129	-	74,129
Coke	12,068	-	12,068	-	-	-	12,068	-	12,068
Iron ore	-	-	-	137,195	-	137,195	137,195	-	137,195
Gravel and sand	6,300	-	6,300	-	-	-	6,300	-	6,300
Petroleum, crude	-	-	-	-	-	-	-	-	-
Salt	23,824	62	23,886	-	-	-	23,824	62	23,886
Phosphate rock	-	-	-	-	-	-	7,058	-	7,058
Sulphur	-	-	-	5,819	-	5,819	5,819	-	5,819
Products of mines, other	12,930	196	13,126	28,423	288	28,711	41,353	484	41,837
Pulpwood	-	-	-	900	-	900	900	-	900
Products of forests, other	2,359	1,561	3,920	1,500	938	2,438	3,859	2,499	6,358
Gasoline	-	-	-	6,476	-	6,476	6,476	-	6,476
Fuel, road, and petroleum residual oils	7,565	-	7,565	101,070	-	101,070	108,635	-	108,635
Lubricating oils and greases	3,437	548	3,985	13,096	-	13,096	16,533	548	17,081
Petroleum products, refined, other	6,947	3,251	10,198	-	-	-	6,947	3,251	10,198
Chemicals	3,478	7,214	10,692	108	4,290	4,398	3,586	11,504	15,090
Aluminum: bar, ingot, pig and slab	-	1,837	1,837	-	845	845	-	2,682	2,682
Iron, pig	-	-	-	-	-	-	-	-	-
Iron and steel: bar, rod and slab	-	36,483	36,483	-	1,190	1,190	-	37,673	37,673
Iron and steel, other	4,676	23,066	27,742	240	2,521	2,761	4,916	25,587	30,503
Manufactured iron and steel	4,248	51,453	55,701	-	18,212	18,212	4,248	69,665	73,913
Motor vehicles	49	8,193	8,242	53	3,567	3,620	102	11,760	11,862
Wood pulp	749	-	749	8,896	-	8,896	9,645	-	9,645
Newsprint paper	-	5,646	5,646	-	43,905	43,905	-	49,551	49,551
Syrup and molasses, refined and residual	276	89	365	9,806	-	9,806	10,082	89	10,171
Sugar	-	-	-	7,832	-	7,832	7,832	-	7,832
Food products, in cans and packages	459	14,445	14,904	-	12,135	12,135	459	26,580	27,039
Feed, animal and poultry	15,255	245	15,500	-	-	-	15,255	245	15,500
Scrap iron and steel	147,889	1,744	149,633	-	-	-	147,889	1,744	149,633
Domestic package freight	67,967	-	67,967	32,647	-	32,647	100,614	-	100,614
Manufactures and miscellaneous, other	33,418	61,783	95,201	22,874	44,539	67,413	56,292	106,322	162,614
<b>TOTAL</b>	<b>1,475,489</b>	<b>252,289</b>	<b>1,727,778</b>	<b>424,963</b>	<b>140,166</b>	<b>565,129</b>	<b>1,900,452</b>	<b>392,455</b>	<b>2,292,907</b>

Includes 32,696 tons of non toll traffic.