



Price: \$1.00 a year

## SUMMARY OF CANAL STATISTICS

October, 1960

The volume of freight transported through Canadian canals during October declined to 7,281,138 tons from 7,711,970 in the corresponding month last year, a drop of 5.6 per cent. Increases were recorded for the Sault Ste. Marie, Welland, and four of the smaller canals but these were more than offset by a decline of 618,000 tons in St. Lawrence traffic. Vessel passages through all canals dropped to 3,585 from 4,259 with registered net tonnage down to 6,364,417 tons from 6,442,160. Pleasure craft lockages increased to 1,980 from 1,757 and the number of passengers rose to 4,817 from 3,708.

Sault Ste Marie Canals - Canadian and United States Locks: Total freight transported through the combined system increased to 10,006,234 tons from 4,254,678 in October 1959. Eastbound shipments of iron ore, which rose to 6,566,648 tons from 1,154,580, accounted for 94 per cent of the increase. Traffic using the Canadian canal rose 44 per cent to 248,527 tons from 172,990. Eastbound freight through both canals increased to 8,357,386 tons from 2,713,615 with westbound freight up to 1,648,848 tons from 1,541,063. The number of vessel passages rose to 2,202 from 1,488.

Welland Ship Canal: Freight cleared through the Welland Ship canal increased 3 per cent to 3,902,054 tons from 3,784,475 in October 1959. The major increases included wheat, up to 681,034 tons from 503,820 corn up to 102,914 tons from 50,993 and stone, to 159,391 tons from 91,632. Shipments of iron ore declined to 758,702 tons from 1,034,311. Total eastbound freight rose 33 per cent to 2,835,087 tons from 2,131,659 while westbound freight dropped 35 per cent to 1,066,967 tons from 1,652,816. Vessel passages declined to 1,113 from 1,128 but the registered net tonnage increased to 3,321,638 tons from 2,989,222.

St. Lawrence Canals: Freight transported through the St. Lawrence canals in October was down 17 per cent to 2,964,161 tons from 3,582,269 in October last year. The main factor in this decrease was a drop in iron ore shipments to 542,709 tons from 1,218,626. Total eastbound freight rose 19 per cent to 1,765,484 tons from 1,484,999 but westbound freight was down 43 per cent to 1,198,677 tons from 2,097,270. Vessel passages totalled 1,486 with a registered net tonnage of 2,433,701 tons as against 2,112 vessels of 2,956,247 tons in October, 1959.

Prepared in the Transportation and Public Utilities 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>October, 1960</u>					
<u>ALL CANADIAN CANALS</u>	3,585	6,364,417	4,817	1,980	7,281,138
Canso Canal	138	82,383	-	3	104,897
Murray Canal	13	4,723	4	61	-
Ottawa River Canals	96	47,136	-	-	42,300
Richelieu River Canal	117	20,406	-	5	18,055
Rideau Canal	5	295	7 (1)	620	-
St. Andrew's Canal	58	3,246	36 (2)	87	1,049
St. Lawrence Canals	1,486	2,433,701	130	- (4)	2,964,161
St. Peter's Canal	59	1,767	-	-	90
Sault Ste Marie Canal	497	449,089	4,530	-	248,527
Trent Canal	3	33	9 (3)	1,204	5
Welland Ship Canal	1,113	3,321,638	101	-	3,902,054
<u>October, 1959</u>					
<u>ALL CANADIAN CANALS</u>	4,259	6,442,160	3,708	1,757	7,711,970
Canso Canal	180	90,855	-	-	98,341
Murray Canal	27	6,667	-	40	-
Ottawa River Canals	279	69,364	13	178	56,700
Richelieu River Canal	120	18,799	-	9	16,277
Rideau Canal	3	193	2	698	-
St. Andrew's Canal	58	4,372	7	76	880
St. Lawrence Canals	2,112	2,956,247	115	36	3,582,269
St. Peter's Canal	15	236	-	4	32
Sault Ste. Marie Canal	335	306,182	3,452	7	172,990
Trent Canal	2	23	-	701	6
Welland Ship Canal	1,128	2,989,222	119	8	3,784,475
<u>October, 1960</u>					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	298	190,042	4,282	-	124,426
Can. & U.S. Locks	1,104	N.A.	4,677	-	8,357,386
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	199	259,047	248	-	124,101
Can. & U.S. Locks	1,098	N.A.	4,633	-	1,648,848
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - October - 1960	497	449,089	4,530	-	248,527
Can. & U.S. Locks - October - 1960	2,202	N.A.	9,310	-	10,006,234
Canadian Lock - October - 1959	335	306,182	3,452	7	172,990
Can. & U.S. Locks - October - 1959	1,488	3,716,519	6,880	7	4,254,678
<u>WELLAND SHIP CANAL</u>					
East Bound	538	1,630,918	54	-	2,835,087
West Bound	575	1,690,720	47	-	1,066,967
Total - October - 1960	1,113	3,321,638	101	-	3,902,054
Total - October - 1959	1,128	2,989,222	119	8	3,784,475
<u>ST. LAWRENCE CANALS</u>					
East Bound	734	1,209,738	55	-	1,765,484
West Bound	752	1,223,963	75	-	1,198,677
Total - October - 1960	1,486	2,433,701	130	-	2,964,161
Total - October - 1959	2,112	2,956,247	115	36	3,582,269

- (1) Exclusive of 140 paying passengers on sight seeing pleasure boat cruises, and 1,551 passengers, carried in pleasure craft (256 and 1,556 in 1959)
- (2) Exclusive of 188 passengers carried in pleasure craft.
- (3) 3,797 passengers carried in small boats (2,072 in 1959)
- (4) 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

October, 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	299	-	299	16,567	-	16,567	16,866	-	16,866
Newsprint paper	-	-	-	-	58,314	58,314	-	58,314	58,314
Syrup and molasses, refined and residual	23	-	23	2,600	-	2,600	2,623	-	2,623
Food products, in cans and packages	66	6,873	6,939	-	5,441	5,441	66	12,314	12,380
Feed, animal and poultry	11,672	1,589	13,261	2,756	-	2,756	14,428	1,589	16,017
Scrap iron and steel	100,072	144	100,216	-	-	-	100,072	144	100,216
Domestic package freight	27,406	-	27,406	29,100	-	29,100	56,506	-	56,506
Manufactures and miscellaneous, other	7,169	44,968	52,137	18,003	51,828	69,831	25,172	96,796	121,968
<b>TOTAL</b>	<b>2,696,948</b>	<b>138,139</b>	<b>2,835,087</b>	<b>897,013</b>	<b>169,954</b>	<b>1,066,967</b>	<b>3,593,961</b>	<b>308,093</b>	<b>3,902,054</b>
ST. LAWRENCE CANALS									
Wheat	592,867	-	592,867	-	-	-	592,867	-	592,867
Corn	77,506	-	77,506	-	-	-	77,506	-	77,506
Oats	103,400	-	103,400	-	-	-	103,400	-	103,400
Barley	144,557	-	144,557	-	-	-	144,557	-	144,557
Rye	15,920	-	15,920	-	-	-	15,920	-	15,920
Flour, wheat	28,523	-	28,523	-	-	-	28,523	-	28,523
Mill products, other	12,460	708	13,168	-	995	995	12,460	1,703	14,163
Soybeans	75,701	-	75,701	-	-	-	75,701	-	75,701
Soybean oil cake and meal	15,991	620	16,611	-	-	-	15,991	620	16,611
Beans and peas, dried	6,540	-	6,540	52	-	52	6,592	-	6,592
Malt	8,429	228	8,657	-	-	-	8,429	228	8,657
Flaxseed	95,371	-	95,371	-	-	-	95,371	-	95,371
Products of agriculture, other	2,615	730	3,345	1,505	3,802	5,307	4,120	4,532	8,652
Packing house products	2,354	5,430	7,784	-	-	-	2,354	5,430	7,784
Animals and products, other	12,404	9,820	22,224	107	3,168	3,275	12,511	12,988	25,499
Coal, bituminous	109,327	-	109,327	53,491	-	53,491	162,818	-	162,818
Coke	11,992	-	11,992	-	-	-	11,992	-	11,992
Iron ore	-	-	-	542,709	-	542,709	542,709	-	542,709
Gravel and sand	43,470	-	43,470	-	-	-	43,470	-	43,470
Petroleum, crude	-	-	-	49,006	-	49,006	49,006	-	49,006
Salt	14,835	-	14,835	-	-	-	14,835	-	14,835
Phosphate rock	-	-	-	22,628	-	22,628	-	-	22,628
Sulphur	-	-	-	11,703	-	11,703	11,703	-	11,703
Products of mines, other	14,858	244	15,102	53,088	304	53,392	67,946	548	68,494
Pulpwood	-	-	-	20,982	-	20,982	20,982	-	20,982
Products of forests, other	1,359	537	1,896	4,916	2,455	7,371	6,275	2,992	9,267
Gasoline	2,372	-	2,372	4,921	-	4,921	7,293	-	7,293
Fuel, road, and petroleum residual oils	1,072	-	1,072	124,797	-	124,797	125,869	-	125,869
Lubricating oils and greases	-	416	416	16,632	-	16,632	16,632	416	17,048
Petroleum products, refined, other	2,938	919	3,857	-	65	65	2,938	984	3,922
Chemicals	1,956	4,415	6,371	18,544	4,322	22,866	20,500	8,737	29,237
Aluminum: bar, ingot, pig and slab	-	253	253	8,309	4,400	12,709	8,309	4,653	12,962
Iron, pig	-	-	-	4,299	-	4,299	4,299	-	4,299
Iron and steel: bar, rod and slab	311	20,594	20,905	-	4,502	4,502	311	25,096	25,407
Iron and steel, other	2,448	17,891	20,339	53	4,690	4,743	2,501	22,581	25,082
Manufactured iron and steel	-	44,577	44,577	-	40,169	40,169	-	84,746	84,746
Motor vehicles	-	4,276	4,276	-	6,266	6,266	-	10,542	10,542
Wood pulp	299	-	299	17,239	-	17,239	17,538	-	17,538
Newsprint paper	-	-	-	-	34,223	34,223	-	34,223	34,223
Syrup and molasses, refined and residual	23	-	23	-	-	-	23	-	23
Sugar	-	-	-	-	-	-	-	-	-
Food products, in cans and packages	66	7,973	8,039	-	11,950	11,950	66	19,923	19,989
Feed, animal and poultry	11,672	1,946	13,618	2,847	-	2,847	14,519	1,946	16,465
Scrap iron and steel	99,134	144	99,278	-	-	-	99,134	144	99,278
Domestic package freight	62,125	-	62,125	21,607	-	21,607	83,732	-	83,732
Manufactures and miscellaneous, other	16,210	52,658	68,868	27,282	70,649	97,931	43,492	123,307	166,799
<b>TOTAL</b>	<b>1,591,105</b>	<b>174,379</b>	<b>1,765,484</b>	<b>1,006,717</b>	<b>191,960</b>	<b>1,198,677</b>	<b>2,597,822</b>	<b>366,339</b>	<b>2,964,161</b>

Includes 55,990 tons of non toll traffic