



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Price: \$1.00 a year.

SUMMARY OF CANAL STATISTICS

NOVEMBER, 1959

Total freight cleared through Canadian canals during November increased 56 per cent to 6,217,508 tons from 3,985,068 in November, 1958, heavier traffic being reported by the Sault Ste. Marie, Welland, St. Lawrence and Canso canals. Westbound iron ore and eastbound grain were the main factors in the overall increase. The number of vessel passages declined to 3,029 from 3,373 but the registered net tonnage rose 31 per cent to 4,978,601 tons from 3,810,252.

Sault Ste. Marie Canals - Canadian and United States Locks: Total freight transported through the combined system increased 9 per cent to 8,448,031 tons from 7,726,143 in November 1958. The Canadian canal recorded a total of 217,777 tons as against 137,823 in the previous November. Eastbound iron ore which constituted 65 per cent of all freight through the combined system rose to 5,445,344 tons from 4,928,836. Shipments of bituminous coal almost doubled, rising to 976,303 tons from 499,861 but wheat shipments declined to 858,910 tons from 1,111,404. Total eastbound freight increased 3.5 per cent to 7,068,771 tons from 6,831,579 while westbound freight rose 54 per cent to 1,379,260 tons from 894,564. Vessel passages through both canals were up to 1,844 from 1,576 and the registered net tonnage rose to 7,289,115 tons from 6,847,455.

Welland Ship Canal: The total volume of freight cleared through the Welland Ship Canal increased 52 per cent to 3,399,837 tons from 2,242,797 in November, 1958. Shipments of iron ore were up by more than 600,000 tons, rising to 809,059 tons from 174,852. Other commodities showing increases included coal, up to 502,179 tons from 415,420, wheat, up to 553,950 tons from 449,707, corn, to 192,570 tons from 111,422, and oats to 134,343 tons from 73,013. Total eastbound freight rose 38 per cent to 2,367,549 tons from 1,711,503, while westbound freight nearly doubled, rising to 1,032,288 tons from 531,294. Vessel passages increased to 1,177 from 969 and the registered net tonnage was up to 2,709,554 tons from 2,077,249.

St. Lawrence Canals: Total freight cleared through the St. Lawrence Canals in November increased 65 per cent to 2,441,405 tons from 1,478,186 in the corresponding month last year. Shipments of westbound iron ore accounted for 50 per cent of the increase, rising to 507,531 tons from 26,864. Total eastbound freight was up 33 per cent to 1,446,770 tons from 1,085,715 while westbound freight more than doubled, increasing to 994,635 tons from 392,471. Vessel passages dropped to 1,284 from 1,549 but the registered net tonnage at 1,816,344 tons was up by 40 per cent.

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

8504-517-119

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
NOVEMBER, 1959					
<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	-(1)	59	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	1,284	1,816,344	35	8(3)	2,441,405
St. Peter's Canal	22	1,100	-	2	-
Sault Ste. Marie Canal	252	300,363	22	-	217,777
Trent Canal	-	-	-(2)	7	-
Welland Ship Canal	1,177	2,709,554	34	1(3)	3,399,837
NOVEMBER, 1958					
<u>ALL CANADIAN CANALS</u>	3,373	3,810,252	7	102	3,985,068
Canso Canal	171	57,173	-	-	60,214
Murray Canal	9	2,833	-	13	-
Ottawa River Canals	250	58,631	-	27	48,680
Richelieu River Canal	99	17,080	-	-	17,103
Rideau Canal	-	-	-	45	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	1,549	1,293,121	-	10	1,478,186
St. Peter's Canal	19	1,043	-	-	265
Sault Ste. Marie Canal	307	303,122	7	7	137,823
Trent Canal	-	-	-	-	-
Welland Ship Canal	969	2,077,249	-	-	2,242,797
NOVEMBER, 1959					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	121	125,448	7	-	112,426
Can. & U.S. Locks	937	3,660,274	7	-	7,068,771
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	131	174,915	15	-	105,351
Can. & U.S. Locks	907	3,628,841	15	-	1,379,260
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
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
Canadian Lock - November, 1958	307	303,122	7	7	137,823
Can. & U.S. Locks - November, 1958	1,576	6,847,455	37	7	7,726,143
<u>WELLAND SHIP CANAL</u>					
East Bound	642	1,476,743	21	1	2,367,549
West Bound	535	1,232,811	13	-	1,032,288
Total - November, 1959	1,177	2,709,554	34	1	3,399,837
Total - November, 1958	969	2,077,249	-	-	2,242,797
<u>ST. LAWRENCE CANALS</u>					
East Bound	687	1,018,318	22	3	1,446,770
West Bound	597	798,026	13	5	994,635
Total - November, 1959	1,284	1,816,344	35	8	2,441,405
Total - November, 1958	1,549	1,293,121	-	10	1,478,186

- (1) 100 passengers carried in pleasure craft. (69 in 1958)
- (2) 18 passengers carried in small boats.
- (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".

SUMMARY OF CANAL STATISTICS

NOVEMBER, 1959

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:						
Wheat	9,023	858,910	-	-	9,023	858,910
Corn	-	4,480	-	-	-	4,480
Oats	5,611	207,453	-	-	5,611	207,453
Barley	3,766	314,513	-	-	3,766	314,513
Rye	-	4,868	-	-	-	4,868
Flour	-	7,140	31	31	31	7,171
Mill products, other	16,237	35,463	-	-	16,237	35,463
Flaxseed	2,764	54,568	-	-	2,764	54,568
Products of agriculture, other	8,195	8,195	20	20	8,215	8,215
Coal, anthracite	-	-	-	30,095	-	30,095
Coal, bituminous	-	-	2,569	976,303	2,569	976,303
Iron ore	-	5,445,344	-	5,048	-	5,450,392
Sand, gravel and stone	11,717	11,717	-	134,143	11,717	145,860
Pulpwood, lumber and logs	-	3,200	139	139	139	3,339
Gasoline	-	-	10,903	24,144	10,903	24,144
Fuel, road, and petroleum residual oils	1,370	1,370	55,647	94,249	57,017	95,619
Petroleum products, refined, other	-	-	5,473	5,473	5,473	5,473
Iron, pig	-	15,784	-	-	-	15,784
Manufactured iron and steel	5,985	13,904	-	7,054	5,985	20,958
Motor vehicles	-	-	89	1,771	89	1,771
Cement	-	-	-	15,606	-	15,606
Paper and wood pulp	22,346	28,484	-	-	22,346	28,484
Scrap iron and steel	-	27,608	-	13,430	-	41,038
Domestic package freight	7,404	7,404	19,752	19,752	27,156	27,156
Manufactures and miscellaneous - other	18,008	18,366	10,728	43,002	28,736	61,368
TOTAL	112,426	7,068,771	105,351	1,379,260	217,777	8,448,031

	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Wheat	553,941	-	553,941	9	-	9	553,950	-	553,950
Corn	188,313	-	188,313	4,257	-	4,257	192,570	-	192,570
Oats	134,343	-	134,343	-	-	-	13,343	-	134,343
Barley	157,482	-	157,482	-	-	-	157,482	-	157,482
Flour	40,986	-	40,986	-	-	-	40,986	-	40,986
Mill products	16,511	251	16,762	-	-	-	16,511	251	16,762
Soybeans	56,262	-	56,262	-	-	-	56,262	-	56,262
Beans and peas	27,646	15	27,661	13	-	13	27,659	15	27,674
Malt	8,195	256	8,451	-	-	-	8,195	256	8,451
Flaxseed	38,074	-	38,074	-	-	-	38,074	-	38,074
Products of agriculture, other	8,786	1,432	10,218	230	118	348	9,016	1,550	10,566
Packing house products	6,897	13,912	20,809	-	-	-	6,897	13,912	20,809
Animals and products, other	7,391	11,236	18,627	1,115	897	2,012	8,506	12,133	20,639
Coal, bituminous	489,799	-	489,799	12,380	-	12,380	502,179	-	502,179
Coke	3,784	-	3,784	903	-	903	4,687	-	4,687
Iron ore	258,402	-	258,402	550,657	-	550,657	809,059	-	809,059
Aluminum ore and concentrates	-	-	-	3,360	-	3,360	3,360	-	3,360
Gravel and sand	7,077	-	7,077	2,180	233	2,413	9,257	233	9,490
Stone	7,023	-	7,023	83,331	-	83,331	90,354	-	90,354
Salt	24,101	-	24,101	-	-	-	24,101	-	24,101
Sulphur	26,929	-	26,929	-	-	-	26,929	-	26,929
Products of mines, other	4,664	238	4,902	7,680	1,287	8,967	12,344	1,525	13,869
Pulpwood	-	-	-	4,686	-	4,686	4,686	-	4,686
Products of forests, other	226	887	1,113	-	2,532	2,532	226	3,419	3,645
Gasoline	2,872	-	2,872	14,708	-	14,708	17,580	-	17,580
Fuel, road and petroleum residual oils	53,276	-	53,276	37,970	-	37,970	91,246	-	91,246
Petroleum products, refined, other	11,838	2,072	13,910	1,949	163	2,112	13,787	2,235	16,022
Chemicals	3,850	4,295	8,145	4,877	1,255	6,132	8,727	5,550	14,277
Sodium (soda) products	21,455	770	22,225	-	-	-	21,455	770	22,225
Tar, pitch and creosote	5,102	-	5,102	2,475	-	2,475	7,577	-	7,577
Iron pig	-	-	-	30,567	-	30,567	30,567	-	30,567
Iron and steel, bar, rod and slab	-	3,163	3,163	-	3,466	3,466	-	6,629	6,629
Iron and steel, other	-	239	239	-	1,255	1,255	-	1,494	1,494
Manufactured iron and steel	-	746	746	-	49,337	49,337	-	50,083	50,083



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SUMMARY OF CANAL STATISTICS

NOVEMBER, 1959

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL: - (Concl'd.)									
Motor vehicles	-	2,490	2,490	-	768	768	-	3,258	3,258
Cement	18,264	-	18,264	16,358	-	16,358	34,622	-	34,622
Wood pulp	3,687	-	3,687	15,825	113	15,938	19,512	113	19,625
Newsprint paper	-	810	810	-	69,841	69,841	-	70,651	70,651
Syrup and molasses, refined and residual	24	108	132	16,356	-	16,356	16,380	108	16,488
Food products in cans and packages	-	5,933	5,933	-	3,631	3,631	-	9,564	9,564
Feed, animal and poultry	26,988	5,525	32,513	25	80	105	27,013	5,605	32,618
Scrap iron and steel	45,484	453	45,937	19,437	-	19,437	64,921	453	65,374
Domestic package freight	20,627	-	20,627	30,444	-	30,444	51,071	-	51,071
Manufactures and misc., other	483	31,936	32,419	4,713	30,807	35,520	5,196	62,743	67,939
TOTAL	2,280,782	86,767	2,367,549	866,505	165,783	1,032,288	3,147,287	252,550	3,399,837

ST. LAWRENCE CANALS:

Wheat	535,918	-	535,918	2,589	-	2,589	538,507	-	538,507
Corn	122,140	-	122,140	4,257	-	4,257	126,397	-	126,397
Oats	122,797	-	122,797	-	-	-	122,797	-	122,797
Barley	111,579	-	111,579	2,728	-	2,728	114,307	-	114,307
Rye	3,549	-	3,549	-	-	-	3,549	-	3,549
Flour	40,986	-	40,986	9	-	9	40,995	-	40,995
Mill products, other	16,689	251	16,940	-	-	-	16,689	251	16,940
Soybeans	26,092	-	26,092	-	-	-	26,092	-	26,092
Soybean oil cake and meal	37,559	344	37,903	3	-	3	37,562	344	37,906
Beans and peas	19,532	15	19,547	185	-	185	19,717	15	19,732
Malt	10,363	256	10,619	-	-	-	10,363	256	10,619
Flaxseed	41,648	-	41,648	-	-	-	41,648	-	41,648
Products of agriculture, other	1,600	1,471	3,071	487	1,094	1,581	2,087	2,565	4,652
Packing house products	6,897	13,912	20,809	-	-	-	6,897	13,912	20,809
Animals and products, other	8,041	13,257	21,298	1,193	1,215	2,408	9,234	14,472	23,706
Coal, bituminous	101,249	-	101,249	29,117	-	29,117	130,366	-	130,366
Coke	3,786	-	3,786	-	-	-	3,786	-	3,786
Iron ore	-	-	-	507,531	-	507,531	507,531	-	507,531
Aluminum ore and concentrates	-	-	-	3,360	-	3,360	3,360	-	3,360
Petroleum crude	-	-	-	10,605	-	10,605	10,605	-	10,605
Salt	17,676	-	17,676	-	-	-	17,676	-	17,676
Sulphur	-	-	-	5,882	-	5,882	5,882	-	5,882
Products of mines, other	4,958	254	5,212	6,594	2,006	8,600	11,552	2,260	13,812
Pulpwood	500	-	500	4,686	-	4,686	5,186	-	5,186
Products of forests, other	785	1,242	2,027	-	4,777	4,777	785	6,019	6,804
Gasoline	4,729	-	4,729	4,242	-	4,242	8,971	-	8,971
Fuel, road and petroleum residual oils	2,442	37	2,479	101,678	-	101,678	104,120	37	104,157
Petroleum products, refined, other	7,832	2,086	9,918	5,343	104	5,447	13,175	2,190	15,365
Chemicals	3,355	4,640	7,995	-	3,670	3,670	3,355	8,310	11,665
Fertilizers	87	1,022	1,109	10,857	8	10,865	10,944	1,030	11,974
Aluminum, bar, ingot, pig and slab	-	-	-	-	12,163	12,163	-	12,163	12,163
Iron, pig	-	-	-	30,567	-	30,567	30,567	-	30,567
Iron and steel, bar, rod and slab	-	1,732	1,732	-	4,517	4,517	-	6,249	6,249
Iron and steel, other	-	408	408	-	2,734	2,734	-	3,142	3,142
Manufactured iron and steel	-	746	746	-	59,306	59,306	-	60,052	60,052
Motor vehicles	-	3,318	3,318	-	3,345	3,345	-	6,663	6,663
Cement	218	-	218	1,428	-	1,428	1,646	-	1,646
Wood pulp	687	-	687	17,705	113	17,818	18,392	113	18,505
Newsprint paper	-	-	-	-	43,954	43,954	-	43,954	43,954
Syrup and molasses, refined and residual	24	108	132	10,863	-	10,863	10,887	108	10,995
Food products in cans and packages	-	10,729	10,729	45	7,992	8,037	45	18,721	18,766
Feed, animal and poultry	25,503	7,108	32,611	193	80	273	25,696	7,188	32,884
Scrap iron and steel	14,747	525	15,272	364	-	364	15,111	525	15,636
Domestic package freight	40,016	-	40,016	29,176	-	29,176	69,192	-	69,192
Manufactures and misc., other	5,544	43,781	49,325	4,256	51,614	55,870	9,800	95,395	105,195
TOTAL	1,339,528	107,242	1,446,770	795,943	198,692	994,635	2,135,471	305,934	2,441,405