



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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SUMMARY OF CANAL STATISTICS

August, 1959

The volume of freight cleared through Canadian canals during August increased to 7,848,620 tons from 4,794,663 in the corresponding month last year, a rise of almost 64 p.c. Heavier traffic was reported by the St. Lawrence, Welland, and five of the smaller canals. Increased shipments of westbound iron ore and eastbound grain and coal continue to be the main factors in the overall increase. The number of vessel passages increased 29 p.c. to 5,031 from 3,907 in August 1958, while the registered net tonnage increased 48 p.c. to 6,257,037 from 4,224,773. Pleasure craft lockages rose to 40,043 from 32,879 and the number of passengers increased to 87,180 from 61,824.

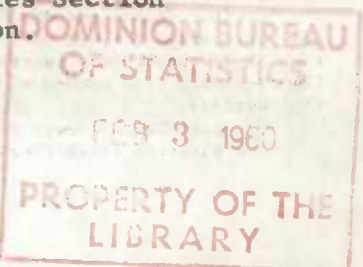
Sault Ste Marie Canals- Canadian and United States Locks: Total freight transported through the combined system dropped sharply to 3,210,712 tons from 11,878,121 in August, 1958. Traffic using the Canadian canal declined to 146,058 tons from 174,614. Shipments of grain and coal through the combined system showed increases but because of the steel strike, east bound shipments of iron ore were cut to 693,618 tons from 9,287,291. Total east bound freight dropped 78.5 p.c. to 2,159,063 tons while westbound freight declined 42 p.c. to 1,051,649 tons. Vessel passages through both canals decreased to 2,612 from 2,814 while the registered net tonnage dropped to 2,598,572 tons from 9,348,804.

Welland Ship Canal: Total freight cleared through the Welland Ship canal increased 47 p.c. to 4,241,645 tons from 2,878,998 in August, 1958. Iron ore shipments increased to 1,264,792 tons from 833,026 and bituminous coal to 1,008,387 tons from 641,943. Wheat shipments were up to 481,581 tons from 232,868, corn to 182,037 tons from 52,047, oats to 126,271 tons from 27,164 and barley to 122,347 tons from 71,791. Total eastbound freight rose 20 p.c. to 2,468,943 tons from 2,053,932 while westbound freight more than doubled, rising to 1,772,702 tons from 825,066. Vessel passages numbered 1,219 with a registered net tonnage of 2,995,848 as compared with 1,221 vessels of 2,501,796 tons in August 1958.

St. Lawrence Canals: An increase in iron ore shipments coupled with a heavier grain movement was largely responsible for the increase in freight traffic through the St. Lawrence canals which rose to 3,324,624 tons from 1,640,185 in August, 1958. Iron ore alone accounted for 72 p.c. of the increase, rising to 1,454,570 tons from 243,399. Eastbound traffic increased to 1,244,433 tons from 826,083 while westbound traffic rose to 2,080,191 tons from 814,102. During the month 1,744 vessels of 2,744,666 registered net tons passed through the canals as against 1,327 vessels of 1,162,653 tons in August 1958.

Prepared in the Transportation and Public Utilities 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
AUGUST, 1959					
<u>ALL CANADIAN CANALS</u>	5,031	6,257,037	87,180	40,043	7,848,620
Canso Canal	149	76,889	14	221	71,923
Murray Canal	74	6,849	-	925	-
Ottawa River Canals	434	66,388	62	2,014	49,543
Richelieu River Canal	119	16,832	-	23	14,177
Rideau Canal	29	830	88 ⁽¹⁾	11,870	55
St. Andrew's Canal	77	4,239	178 ⁽²⁾	421	490
St. Lawrence Canals	1,744	2,744,666	341	120 ⁽⁴⁾	3,324,624
St. Peter's Canal	62	865	7	24	83
Sault Ste. Marie Canal	1,109	343,414	86,279	140 ⁽⁴⁾	146,058
Trent Canal	15	217	- ⁽³⁾	24,257	22
Welland Ship Canal	1,219	2,995,848	211	28 ⁽⁴⁾	4,241,645
AUGUST, 1958					
<u>ALL CANADIAN CANALS</u>	3,907	4,224,773	61,824	32,879 ⁽⁵⁾	4,794,663
Canso Canal	142	57,993	3	-	56,630
Murray Canal	62	6,726	-	757	200
Ottawa River Canals	167	43,296	-	2,227	30,600
Richelieu River Canal	92	13,403	3	-	12,665
Rideau Canal	23	484	114	10,020	15
St. Andrew's Canal	43	3,331	-	262	577
St. Lawrence Canals	1,327	1,162,653	2	272	1,640,185
St. Peter's Canal	67	1,108	47	-	170
Sault Ste. Marie Canal	739	430,137	61,653	155	174,614
Trent Canal	24	3,846	-	19,159 ⁽⁵⁾	9
Welland Ship Canal	1,221	2,501,796	2	27	2,878,998
AUGUST, 1959					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	875	180,728	81,621	70	101,203
Can. & U.S. Locks	1,317	1,346,086	83,880	70	2,159,063
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	234	162,686	4,658	70	44,855
Can. & U.S. Locks	1,295	1,252,486	80,869	70	1,051,649
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - August, 1959	1,109	343,414	86,279	140	146,058
Can. & U.S. Locks - August, 1959	2,612	2,598,572	164,749	140	3,210,712
Canadian Lock - August, 1958	739	430,137	61,653	155	174,614
Can. & U.S. Locks - August, 1958	2,814	9,348,804	119,335	155	11,878,121
<u>WELLAND SHIP CANAL</u>					
East Bound	613	1,546,637	126	16	2,468,943
West Bound	606	1,449,211	85	12	1,772,702
Total - August, 1959	1,219	2,995,848	211	28	4,241,645
Total - August, 1958	1,221	2,501,796	2	27	2,878,998
<u>ST. LAWRENCE CANALS</u>					
East Bound	909	1,422,208	200	120	1,244,433
West Bound	835	1,322,458	141	92	2,080,191
Total - August, 1959	1,744	2,744,666	341	212	3,324,624
Total - August, 1958	1,327	1,162,653	2	272	1,640,185

- (1) Exclusive of 5,045 paying passengers on sight seeing pleasure boat cruises, and 36,944 passengers carried in pleasure craft. (4,984 and 30,705 in 1958)
- (2) Exclusive of 1,493 passengers carried in pleasure craft.
- (3) 82,039 passengers carried in small boats. (67,182 in 1958)
- (4) Included with number of vessel passages.
- (5) Revised.
One passenger through one lock station recorded as "1".
One pleasure craft through one lock station recorded as "1".

SUMMARY OF CANAL STATISTICS

August, 1959

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:						
Wheat	1,970	758,658	-	-	1,970	758,658
Corn	-	64,899	-	-	-	64,899
Oats	3,206	158,382	-	-	3,206	158,382
Barley	4,021	214,995	-	-	4,021	214,995
Rye	-	15,887	-	-	-	15,887
Flour	-	7,165	31	31	31	7,196
Mill products, other	11,914	21,409	-	-	11,914	21,409
Flaxseed	-	43,405	-	-	-	43,405
Products of agriculture, other	5,991	5,991	6	6	5,997	5,997
Coal, bituminous	-	-	3,127	739,147	3,127	739,147
Iron ore	-	693,618	-	-	-	693,618
Sand, gravel and stone	10,951	10,951	-	127,598	10,951	138,549
Pulpwood, lumber and logs	3,840	73,714	-	-	3,840	73,714
Gasoline	-	-	11,508	42,527	11,508	42,527
Fuel, road, and petroleum residual oils	-	-	9,084	48,551	9,084	48,551
Iron, pig	2,493	24,354	-	-	2,493	24,354
Manufactured iron and steel	18,362	18,362	21	654	18,383	19,016
Motor vehicles	-	-	83	1,691	83	1,691
Cement	-	-	-	45,133	-	45,133
Paper and wood pulp	24,233	24,233	-	-	24,233	24,233
Scrap iron and steel	-	7,280	-	-	-	7,280
Domestic package freight	7,194	7,194	18,994	18,994	26,188	26,188
Manufacturers and miscellaneous - other	7,028	8,566	2,001	27,317	9,029	35,883
TOTAL	101,203	2,159,063	44,855	1,051,649	146,058	3,210,712

WELLAND SHIP CANAL:	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
Wheat	481,581	-	481,581	-	-	-	481,581	-	481,581
Corn	182,037	-	182,037	-	-	-	182,037	-	182,037
Oats	122,547	-	122,547	3,724	-	3,724	126,271	-	126,271
Barley	122,347	-	122,347	-	-	-	122,347	-	122,347
Rye	1,680	-	1,680	-	-	-	1,680	-	1,680
Flour	23,011	206	23,217	-	-	-	23,011	206	23,217
Mill products, other	12,782	278	13,060	791	-	791	13,573	278	13,851
Soybeans	50,208	-	50,208	-	-	-	50,208	-	50,208
Beans and peas	8,911	-	8,911	6	-	6	8,917	-	8,917
Malt	8,620	368	8,988	-	-	-	8,620	368	8,988
Flaxseed	45,729	-	45,729	-	-	-	45,729	-	45,729
Products of agriculture, other	4,809	249	5,058	-	401	401	4,809	650	5,459
Packing house products	10,155	7,792	17,947	-	-	-	10,155	7,792	17,947
Animals and products - other	3,587	5,938	9,525	574	1,148	1,722	4,161	7,086	11,247
Coal - bituminous	952,853	-	952,853	55,534	-	55,534	1,008,387	-	1,008,387
Coke	2,347	-	2,347	-	-	-	2,347	-	2,347
Iron ore	66,917	-	66,917	1,197,875	-	1,197,875	1,264,792	-	1,264,792
Gravel and sand	2,230	-	2,230	5,734	-	5,734	7,964	-	7,964
Stone	18,627	-	18,627	80,556	33	80,589	99,183	33	99,216
Salt	32,348	-	32,348	-	-	-	32,348	-	32,348
Sulphur	-	-	-	14,623	-	14,623	14,623	-	14,623
Products of mines - other	4,024	212	4,236	15,228	730	15,958	19,252	942	20,194
Pulpwood	27,099	-	27,099	75,551	-	75,551	102,650	-	102,650
Products of forests - other	109	751	860	344	590	934	453	1,341	1,794
Gasoline	6,770	-	6,770	29,747	-	29,747	36,517	-	36,517
Fuel - road and petroleum residual oils	77,136	-	77,136	53,201	-	53,201	130,337	-	130,337
Petroleum products, refined - other	10,955	2,073	13,028	27,572	-	27,572	38,527	2,073	40,600
Soybean oil	12,060	18	12,078	-	-	-	12,060	18	12,078
Chemicals	7,102	3,119	10,221	9,857	390	10,247	16,959	3,509	20,468
Sodium (soda) products	20,380	568	20,948	-	-	-	20,380	568	20,948
Tar, pitch and creosote	17,350	141	17,491	-	-	-	17,350	141	17,491
Iron, pig	-	-	-	6,533	-	6,533	6,533	-	6,533
Iron and steel - bar, rod and slab	-	1,879	1,879	-	8,832	8,832	-	10,711	10,711
Iron and steel - other	-	210	210	-	1,785	1,785	-	1,995	1,995
Manufactured iron and steel	-	41	41	-	18,643	18,643	-	18,684	18,684



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August, 1959

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL: - (Cont'd.)									
Motor vehicles	-	1,654	1,654	-	3,024	3,024	-	4,678	4,678
Cement	18,842	35	18,877	14,525	-	14,525	33,367	35	33,402
Wood pulp	3,154	-	3,154	3,870	-	3,870	7,024	-	7,024
Newsprint paper	-	-	-	-	58,251	58,251	-	58,251	58,251
Syrup and molasses- refined and residual	2,240	408	2,648	15,820	3	15,823	18,060	411	18,471
Feed, animal and poultry	6,018	3,364	9,382	-	-	-	6,018	3,364	9,382
Scrap iron and steel	22,952	57	23,009	-	-	-	22,952	57	23,009
Domestic package freight	18,601	-	18,601	33,644	-	33,644	52,245	-	52,245
Manufacturers and misc. - other	1,206	30,258	31,464	4,961	28,602	33,563	6,167	58,860	65,027
TOTAL	2,409,324	59,619	2,468,943	1,650,270	122,432	1,772,702	4,059,594	182,051	4,241,645
ST. LAWRENCE CANALS:									
Wheat	403,584	-	403,584	-	-	-	403,584	-	403,584
Corn	144,219	-	144,219	-	-	-	144,219	-	144,219
Oats	109,647	-	109,647	3,724	-	3,724	113,371	-	113,371
Barley	102,909	-	102,909	-	-	-	102,909	-	102,909
Rye	1,679	-	1,679	-	-	-	1,679	-	1,679
Flour	22,661	206	22,867	-	-	-	22,661	206	22,867
Mill products - other	13,348	278	13,626	791	80	871	14,139	358	14,497
Soybeans	25,127	-	25,127	-	-	-	25,127	-	25,127
Soybean oil cake and meal	12,066	-	12,066	-	-	-	12,066	-	12,066
Beans and peas	8,911	-	8,911	40	8	48	8,951	8	8,959
Flaxseed	43,633	-	43,633	-	-	-	43,633	-	43,633
Products of agriculture, other	11,378	686	12,064	86	1,854	1,940	11,464	2,540	14,004
Packing house products	10,155	7,821	17,976	-	-	-	10,155	7,821	17,976
Animals and products, other	5,087	5,308	10,395	60	1,339	1,399	5,147	6,647	11,794
Coal bituminous	96,937	-	96,937	66,043	-	66,043	162,980	-	162,980
Coke	2,347	-	2,347	-	-	-	2,347	-	2,347
Iron ore	2,514	-	2,514	1,452,056	-	1,452,056	1,454,570	-	1,454,570
Gravel and sand	47,700	-	47,700	-	-	-	47,700	-	47,700
Petroleum crude	-	-	-	42,804	-	42,804	42,804	-	42,804
Salt	28,900	-	28,900	-	-	-	28,900	-	28,900
Phosphate rock	-	-	-	6,402	-	6,402	6,402	-	6,402
Sulphur	-	-	-	25,949	-	25,949	25,949	-	25,949
Products of mines, other	4,024	212	4,236	17,787	1,750	19,537	21,811	1,962	23,773
Pulpwood	-	-	-	94,868	-	94,868	94,868	-	94,868
Products of forests, other	413	1,424	1,837	644	2,907	3,551	1,057	4,331	5,388
Gasoline	2,328	-	2,328	-	-	-	2,328	-	2,328
Fuel, road and petroleum residual oils	5,349	-	5,349	132,406	-	132,406	137,755	-	137,755
Petroleum products, refined, other	-	2,073	2,073	17,347	-	17,347	17,347	2,073	19,420
Chemicals	5	3,217	3,222	-	1,322	1,322	5	4,539	4,544
Aluminum, bar, ingot, pig and slab	-	-	-	-	6,113	6,113	-	6,113	6,113
Iron, pig	-	-	-	6,533	-	6,533	6,533	-	6,533
Iron and steel - bar, rod and slab	-	642	642	-	9,214	9,214	-	9,856	9,856
Iron and steel, other	-	265	265	-	2,782	2,782	-	3,047	3,047
Manufactured iron and steel	-	276	276	-	26,177	26,177	-	26,453	26,453
Motor vehicles	-	1,775	1,775	-	4,512	4,512	-	6,287	6,287
Wood pulp	-	-	-	4,222	-	4,222	4,222	-	4,222
Newsprint paper	-	-	-	-	31,814	31,814	-	31,814	31,814
Sugar	-	-	-	24,404	-	24,404	24,404	-	24,404
Food products in cans and packages	-	9,081	9,081	-	3,619	3,619	-	12,700	12,700
Feed, animal and poultry	2,824	6,817	9,641	-	410	410	2,824	7,227	10,051
Scrap iron and steel	11,573	95	11,668	201	-	201	11,774	95	11,869
Domestic package freight	41,157	-	41,157	27,463	-	27,463	68,620	-	68,620
Manufactures and misc., other	10,506	33,276	43,782	22,226	40,234	62,450	32,732	73,510	106,242
TOTAL	1,170,981	73,452	1,244,433	1,946,056	134,135	2,080,191	3,117,037	207,587	3,324,624