



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Price: \$1.00 a year

SUMMARY OF CANAL STATISTICS

August, 1960

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The volume of freight transported through Canadian canals during August dropped to 7,172,676 tons from 7,848,620 in the corresponding month last year, a decrease of 8.6 per cent. Traffic was down on both the Welland and St. Lawrence canals due mainly to a lighter movement of iron ore and coal. The number of vessel passages dropped to 4,540 from 5,031 with registered net tonnage down to 6,202,175 tons from 6,257,037. Pleasure craft lockages increased to 42,959 from 40,043 but the number of passengers declined to 78,995 from 87,180.

Sault Ste. Marie Canals - Canadian and United States Locks: Freight cleared through the combined system rose sharply to 12,974,466 tons from 3,210,712 in August, 1959. Bituminous coal increased to 1,197,633 tons from 739,149 while iron ore shipments rose to 9,998,325 tons from 693,618, the steel strike in 1959 accounting for the abnormally low figure in that year. Traffic using the Canadian canal increased to 206,077 tons from 146,058. Eastbound freight through both canals rose to 11,400,873 tons from 2,159,063 while westbound freight rose to 1,573,593 tons from 1,051,649. Vessel passages numbered 3,502 as against 2,612 in August, 1959.

Welland Ship Canal: Total freight cleared through the Welland Ship Canal declined to 3,887,685 tons from 4,241,645 in August last year. Although eastbound shipments of iron ore at 614,973 tons were up by 548,056, eastbound coal dropped to 621,765 tons from 952,853 and iron ore westbound dropped to 562,229 tons from 1,197,875. Total eastbound freight was up 10.6 per cent to 2,731,453 tons from 2,468,943, but westbound traffic declined almost 35 per cent to 1,156,232 tons from 1,772,702. The number of vessel passages was down to 1,020 from 1,219 but the registered net tonnage rose to 3,132,660 tons from 2,995,848.

St. Lawrence Canals: With iron ore shipments cut to 584,941 tons from 1,454,570 in August 1959, total freight through the St. Lawrence canals dropped to 2,868,543 tons from 3,324,543, down 13.7 per cent. Total eastbound freight rose to 1,593,358 tons from 1,244,433 but westbound traffic declined to 1,275,185 tons from 2,080,191. Vessel passages totalled 1,835 with a registered net tonnage of 2,373,693 tons compared with 1,744 vessels of 2,744,666 tons in August, 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>August - 1960 -</u>					
<u>ALL CANADIAN CANALS</u>	4,540	6,202,175	78,995	42,959	7,172,676
Canso Canal	123	78,512	-	93	103,632
Murray Canal	60	3,784	-	812	-
Ottawa River Canals	205	101,624	-	-	91,800
Richelieu River Canal	127	17,457	-	28	14,189
Rideau Canal	28	886	106(1)	13,256	10
St. Andrew's Canal	50	2,734	77(2)	370	667
St. Lawrence Canals	1,835	2,373,693	2,256	4(4)	2,868,543
St. Peter's Canal	71	1,087	12	52	55
Sault Ste Marie Canal	1,008	489,571	76,279	-	206,077
Trent Canal	13	167	32(3)	28,344	18
Welland Ship Canal	1,020	3,132,660	233	-	3,887,685
<u>August - 1959 -</u>					
<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	11,870	55
St. Andrew's Canal	77	4,239	178	421	490
St. Lawrence Canals	1,744	2,744,666	341	120	3,324,624
St. Peter's Canal	62	865	7	24	83
Sault Ste. Marie Canal	1,109	343,414	86,279	140	146,058
Trent Canal	15	217	-	24,257	22
Welland Ship Canal	1,219	2,995,848	211	28	4,241,645
<u>August - 1960 -</u>					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	802	209,807	70,714	-	119,057
Can. & U.S. Locks	1,757	N.A.	74,112	-	11,400,873
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	206	279,764	5,565	-	87,020
Can. & U.S. Locks	1,745	N.A.	71,093	-	1,573,593
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - August - 1960	1,008	489,571	76,279	-	206,077
Can. & U.S. Locks - August - 1960	3,502	N.A.	145,205	-	12,974,466
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
<u>WELLAND SHIP CANAL</u>					
East Bound	505	1,564,719	96	-	2,731,453
West Bound	515	1,567,941	137	-	1,156,232
Total - August - 1960	1,020	3,132,660	233	-	3,887,685
Total - August - 1959	1,219	2,995,848	211	28	4,241,645
<u>ST. LAWRENCE CANALS</u>					
East Bound	916	1,175,890	1,101	3	1,593,358
West Bound	919	1,197,803	1,155	1	1,275,185
Total - August - 1960	1,835	2,373,693	2,256	4	2,868,543
Total - August - 1959	1,744	2,744,666	341	212	3,324,624

(1) Excludes 4,935 paying passengers on sightseeing cruises, and 31,605 passengers carried in pleasure craft (5,645 and 36,944 in 1959).

(2) Excludes 1,319 passengers carried in pleasure craft.

(3) 101,993 passengers carried in small boats (82,039 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

August - 1960

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						
	Tons					
Wheat	28,071	802,415	-	-	28,071	802,415
Corn	3,356	79,308	-	-	3,356	79,308
Oats	-	71,013	-	-	-	71,013
Barley	1,122	146,138	-	-	1,122	146,138
Rye	-	10,038	-	-	-	10,038
Flour	2,126	5,980	56	56	2,182	6,036
Mill products, other	13,482	87,759	-	-	13,482	87,759
Flaxseed	-	19,836	-	-	-	19,836
Products of agriculture, other	5,090	5,090	4	4	5,094	5,094
Coal, bituminous	-	-	6,648	1,197,633	6,648	1,197,633
Iron ore	-	9,998,325	-	-	-	9,998,325
Sand, gravel and stone	13,477	13,477	6,212	155,875	19,689	169,352
Pulpwood, lumber and logs	-	42,000	-	-	-	42,000
Gasoline	-	-	11,935	21,444	11,935	21,444
Fuel, road, and petroleum residual oils	-	-	31,560	69,113	31,560	69,113
Iron, pig	-	11,012	-	-	-	11,012
Manufactured iron and steel	11,591	29,979	345	13,853	11,936	43,832
Motor vehicles	1	1	23	3,227	24	3,228
Cement	-	-	-	24,600	-	24,600
Paper and wood pulp	11,853	16,110	-	-	11,853	16,110
Scrap iron and steel	-	30,257	-	-	-	30,257
Domestic package freight	13,063	13,063	28,650	28,650	41,713	41,713
Manufactures and miscellaneous, other	15,825	19,072	1,587	59,138	17,412	78,210
TOTAL	119,097	11,400,873	87,020	1,573,593	206,077	12,974,466

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLSVILLE CANAL									
Wheat	535,596	-	535,596	-	-	-	535,596	-	535,596
Corn	180,594	-	180,594	-	-	-	180,594	-	180,594
Oats	51,326	-	51,326	-	-	-	51,326	-	51,326
Barley	92,319	-	92,319	-	-	-	92,319	-	92,319
Rye	2,591	-	2,591	-	-	-	2,591	-	2,591
Flour, wheat	29,862	899	30,761	182	-	182	30,044	899	30,943
Mill products, other	21,535	123	21,658	161	-	161	21,696	123	21,819
Soybeans	79,956	-	79,956	592	-	592	80,548	-	80,548
Beans and peas, dried	7,838	-	7,838	-	-	-	7,838	-	7,838
Malt	5,090	-	5,090	-	-	-	5,090	-	5,090
Flaxseed	21,660	-	21,660	-	-	-	21,660	-	21,660
Products of agriculture, other	1,650	309	1,959	96	682	778	1,746	991	2,737
Packing house products	1,441	4,207	5,648	-	-	-	1,441	4,207	5,648
Animals and products, other	3,755	9,893	13,648	-	1,763	1,763	3,755	11,656	15,411
Coal, bituminous	621,765	-	621,765	15,078	-	15,078	636,843	-	636,843
Coke	7,807	-	7,807	223	-	223	8,030	-	8,030
Iron ore	614,973	-	614,973	562,229	-	562,229	1,177,202	-	1,177,202
Gravel and sand	2,600	-	2,600	8,852	-	8,852	11,452	-	11,452
Stone, crushed, broken	6,763	-	6,763	147,905	-	147,905	154,668	-	154,668
Salt	25,887	170	26,057	-	-	-	25,887	170	26,057
Sulphur	7,840	-	7,840	10,867	-	10,867	18,707	-	18,707
Products of mines, other	4,667	7	4,674	46,279	353	46,632	50,946	360	51,306
Pulpwood	11,810	-	11,810	46,553	-	46,553	58,363	-	58,363
Products of forests, other	677	262	939	-	555	555	677	817	1,494
Gasoline	16,345	-	16,345	15,411	-	15,411	31,756	-	31,756
Fuel, road, and petroleum residual oils	29,786	19	29,805	79,578	-	79,578	109,364	19	109,383
Lubricating oils and greases	3,586	517	4,103	28,069	-	28,069	31,655	517	32,172
Petroleum products, refined, other	13,911	828	14,739	2,164	5	2,169	16,075	833	16,908
Soybean oil	7,230	-	7,230	-	-	-	7,230	-	7,230
Chemicals	10,936	5,861	16,797	1,776	760	2,536	12,712	6,621	19,333
Sodium (soda) products	13,388	349	13,737	-	-	-	13,388	349	13,737
Tar, pitch and creosote	6,708	-	6,708	2,492	-	2,492	9,200	-	9,200
Iron, pig	-	-	-	13,767	-	13,767	13,767	-	13,767
Iron and steel: bar, rod and slab	1,791	5,054	6,845	-	2,657	2,657	1,791	7,711	9,502
Iron and steel, other	3,678	22,428	26,106	-	2,467	2,467	3,678	24,895	28,573
Manufactured iron and steel	-	27,917	27,917	301	16,920	17,221	301	44,837	45,138
Motor vehicles	-	4,962	4,962	-	4,316	4,316	-	9,278	9,278
Cement	8,217	-	8,217	2,507	94	2,601	10,724	94	10,818



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SUMMARY OF CANAL STATISTICS

August - 1960

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
Tons									
WELLAND SHIP CANAL - (Cont'd.)									
Wood pulp	4,060	-	4,060	3,669	-	3,669	7,729	-	7,729
Newsprint paper	-	-	-	-	40,952	40,952	-	40,952	40,952
Syrup and molasses, refined and residual	61	-	61	4,640	-	4,640	4,701	-	4,701
Food products, in cans and packages	224	10,303	10,527	1,400	3,102	4,502	1,624	13,405	15,029
Feed, animal and poultry	17,803	269	18,072	28	136	164	17,831	405	18,236
Scrap iron and steel	102,917	-	102,917	-	-	-	102,917	-	102,917
Domestic package freight	22,419	-	22,419	32,826	-	32,826	55,245	-	55,245
Manufactures and miscellaneous, other	1,229	32,785	34,014	15,793	38,032	53,825	17,022	70,817	87,839
TOTAL	2,604,291	127,162	2,731,453	1,043,438	112,794	1,156,232	3,647,729	239,956	3,887,685
ST. LAWRENCE CANALS									
Wheat	473,406	-	473,406	-	-	-	473,406	-	473,406
Corn	153,712	-	153,712	-	-	-	153,712	-	153,712
Oats	46,884	-	46,884	-	-	-	46,884	-	46,884
Barley	73,425	-	73,425	-	-	-	73,425	-	73,425
Rye	2,591	-	2,591	-	-	-	2,591	-	2,591
Flour, wheat	29,862	899	30,761	-	-	-	29,862	899	30,761
Mill products, other	23,945	203	24,148	-	80	80	23,945	283	24,228
Soybeans	71,748	-	71,748	-	-	-	71,748	-	71,748
Soybean oil cake and meal	9,561	-	9,561	48	-	48	9,609	-	9,609
Beans and peas, dried	7,977	-	7,977	-	-	-	7,977	-	7,977
Malt	7,097	57	7,154	-	-	-	7,097	57	7,154
Flaxseed	24,300	-	24,300	-	-	-	24,300	-	24,300
Products of agriculture, other	1,744	362	2,106	188	2,486	2,674	1,932	2,848	4,780
Packing house products	1,441	4,207	5,648	-	-	-	1,441	4,207	5,648
Animals and products, other	3,755	11,504	15,259	362	2,123	2,485	4,117	13,627	17,744
Coal, bituminous	145,354	-	145,354	28,096	-	28,096	173,450	-	173,450
Coke	7,807	-	7,807	-	-	-	7,807	-	7,807
Iron ore	-	-	-	584,941	-	584,941	584,941	-	584,941
Gravel and sand	92,700	-	92,700	-	-	-	92,700	-	92,700
Petroleum, crude	-	-	-	-	-	-	-	-	-
Salt	25,565	170	25,735	-	-	-	25,565	170	25,735
Phosphate rock	-	-	-	3,486	-	3,486	3,486	-	3,486
Sulphur	-	-	-	22,495	-	22,495	22,495	-	22,495
Products of mines, other	5,597	53	5,650	82,939	453	83,392	88,536	506	89,042
Pulpwood	-	-	-	65,592	-	65,592	65,592	-	65,592
Products of forests, other	1,174	505	1,679	4,680	1,281	5,961	5,854	1,786	7,640
Gasoline	8,138	-	8,138	-	-	-	8,138	-	8,138
Fuel, road, and petroleum residual oils	7,534	19	7,553	217,868	-	217,868	225,402	19	225,421
Lubricating oils and greases	4,823	517	5,340	65,361	-	65,361	70,184	517	70,701
Petroleum products, refined, other	2,547	830	3,377	304	64	368	2,851	894	3,745
Chemicals	5,733	6,233	11,966	-	2,579	2,579	5,733	8,812	14,545
Aluminum: bar, ingot, pig and slab	-	4,246	4,246	-	2,486	2,486	-	6,732	6,732
Iron, pig	-	-	-	12,189	-	12,189	12,189	-	12,189
Iron and steel: bar, rod and slab	-	5,074	5,074	-	3,485	3,485	-	8,559	8,559
Iron and steel, other	770	49,877	50,647	-	3,873	3,873	770	53,750	54,520
Manufactured iron and steel	98	46,559	46,657	-	21,334	21,334	98	67,893	67,991
Motor vehicles	20	5,262	5,282	12	5,849	5,861	32	11,111	11,143
Wood pulp	907	-	907	3,669	-	3,669	4,576	-	4,576
Newsprint paper	-	-	-	-	27,229	27,229	-	27,229	27,229
Syrup and molasses, refined and residual	61	-	61	-	-	-	61	-	61
Sugar	-	-	-	9,357	3,624	12,981	9,357	3,624	12,981
Food products, in cans and packages	224	11,297	11,521	-	6,671	6,671	224	17,968	18,192
Feed, animal and poultry	17,833	325	18,158	553	136	689	18,386	461	18,847
Scrap iron and steel	92,433	-	92,433	488	-	488	92,921	-	92,921
Domestic package freight	49,631	-	49,631	25,186	-	25,186	74,817	-	74,817
Manufactures and miscellaneous, other	8,473	36,289	44,762	12,273	51,345	63,618	20,746	87,634	108,380
TOTAL	1,408,870	184,488	1,593,358	1,140,087	135,098	1,275,185	2,548,957	319,586	2,868,543⁽¹⁾

(1) Includes 114,606 tons of non toll traffic.