



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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SUMMARY OF CANAL STATISTICS

June, 1959

The total amount of freight transported through Canadian canals during June rose to a high of 6,674,584 tons, 40 p.c. above the June 1958 tonnage of 4,768,508 and almost 15 p.c. above the previous record of 5,810,740 tons reached in June, 1956. The St. Lawrence, Welland and four of the smaller canals reported heavier traffic than in the previous year. Increased shipments of iron ore and grain continue to be the main factors in the overall increase. Vessel passages were up by 1,055, rising to 4,337 from 3,282, while the registered net tonnage increased to 5,705,934 from 4,171,858. Pleasure craft lockages numbered 10,110 as against 9,432 in June 1958 and the number of passengers rose to 22,458 from 12,971.

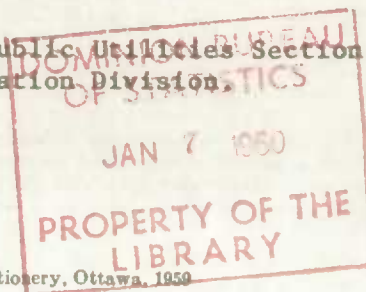
Sault Ste. Marie Canals - Canadian and United States Locks: Freight cleared through the combined system increased by 45 p.c. to 16,746,208 tons from 11,522,820 in the corresponding month last year. Traffic using the Canadian lock, however, dropped to 117,294 tons from 141,853. East bound iron ore, which totalled 13,049,651 tons as against 8,240,309 in June 1958, was again the principal factor in the overall increase. Total east bound freight rose to 14,724,597 tons from 9,951,065 in the previous year while west bound traffic was up to 2,021,611 tons from 1,571,755. Vessels passing through the canals numbered 3,290 with a registered net tonnage of 13,343,178 as compared with 2,333 vessels of 9,209,530 tons in June, 1958.

Welland Ship Canal: Freight moved through the Welland Ship Canal was up by 26 p.c., increasing to 3,658,361 tons from 2,896,709 in June last year. Iron ore shipments rose to 1,041,614 tons from 692,955, corn to 284,174 tons from 25,993, oats to 132,729 tons from 40,881 and sand, gravel and stone to 165,449 tons from 14,860. Decreases included bituminous coal, down to 304,076 tons from 573,393, and fuel oil, down to 107,310 tons from 141,310. East bound traffic through the canal totalled 2,577,108 tons as against 2,269,672 in the previous year, up 13.5 p.c., while west bound traffic increased 72 p.c. to 1,081,253 tons from 627,037. A total of 1,137 vessels of 2,930,227 registered net tons passed through the canal compared with 1,143 vessels of 2,497,460 tons in the previous June.

St. Lawrence Canals: Total freight transported through the St. Lawrence Canals increased 66.5 p.c. to 2,738,965 tons from 1,644,474 in June, 1958. Commodities moving in greatest volume were: iron ore 528,762 tons (273,862 in June 1958), wheat 496,706 (419,176), corn 247,412 (10,705), barley 212,456 (188,370), oats 120,072 (29,892), fuel oil 165,544 (58,537) and bituminous coal 110,893 (126,461). East bound shipments rose to 1,581,095 tons from 946,073 and west bound shipments to 1,157,870 tons from 698,401. Vessel passages increased to 1,729 from 1,356 and the registered net tonnage to 2,166,001 tons from 1,199,057.

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 JUNE, 1959	Number of pleasure craft	Tons of freight
ALL CANADIAN CANALS					
ALL CANADIAN CANALS	4,337	5,705,934	22,458	10,110	6,674,584
Canso Canal	187	81,268	-	196	76,929
Murray Canal	26	6,032	-	272	90
Ottawa River Canals	463	86,923	10	998	70,200
Richelieu River Canal	105	13,241	-	19	11,954
Rideau Canal	3	135	6(1)	3,466	-
St. Andrew's Canal	60	3,295	68(2)	140	700
St. Lawrence Canals	1,729	2,166,001	4,403	68(4)	2,738,965
St. Peter's Canal	59	1,554	-	7	70
Sault Ste. Marie Canal	552	417,021	15,098	45(4)	117,294
Trent Canal	16	237	-(3)	4,881	21
Welland Ship Canal	1,137	2,930,227	2,873	18(4)	3,658,361
JUNE, 1958					
ALL CANADIAN CANALS	3,282	4,171,858	12,971	9,432	4,768,508
Canso Canal	127	67,874	-	-	66,664
Murray Canal	29	7,076	-	292	-
Ottawa River Canals	7	148	-	1,131	-
Richelieu River Canal	92	14,389	18	-	17,718
Rideau Canal	10	416	62	3,111	13
St. Andrew's Canal	75	4,923	-	137	981
St. Lawrence Canals	1,356	1,199,057	5	110	1,644,474
St. Peter's Canal	26	1,021	6	-	88
Sault Ste. Marie Canal	409	379,369	12,030	60	141,853
Trent Canal	8	125	-	4,585	8
Welland Ship Canal	1,143	2,497,460	850	6	2,896,709
JUNE, 1959					
SAULT STE. MARIE CANALS					
<u>EAST BOUND</u>					
Canadian Lock	354	137,087	12,540	15	89,900
Can. & U.S. Locks	1,652	6,656,394	15,353	15	14,724,597
<u>WEST BOUND</u>					
Canadian Lock	198	279,934	2,558	30	27,394
Can. & U.S. Locks	1,638	6,686,784	13,767	30	2,021,611
SAULT STE. MARIE CANALS					
<u>TOTAL</u>					
Canadian Lock - June, 1959	552	417,021	15,098	45	117,294
Can. & U.S. Locks - June, 1959	3,290	13,343,178	29,120	45	16,746,208
Canadian Lock - June, 1958	409	379,369	12,030	60	141,853
Can. & U.S. Locks - June, 1958	2,333	9,209,530	22,633	60	11,522,820
WELLAND SHIP CANAL					
East Bound	565	1,455,086	1,534	10	2,577,108
West Bound	572	1,475,141	1,339	8	1,081,253
Total - June, 1959	1,137	2,930,227	2,873	18	3,658,361
Total - June, 1958	1,143	2,497,460	850	6	2,896,709
ST. LAWRENCE CANALS					
East Bound	855	1,069,517	2,331	41	1,581,095
West Bound	874	1,096,484	2,072	27	1,157,870
Total - June, 1959	1,729	2,166,001	4,403	68	2,738,965
Total - June, 1958	1,356	1,199,057	5	110	1,644,474

- (1) Exclusive of 2,784 paying passengers on sightseeing pleasure boat cruises, and 11,029 passengers carried in pleasure craft. (3,187 and 9,140 in 1958)
- (2) Exclusive of 459 passengers carried in pleasure craft.
- (3) 16,229 passengers carried in small boats. (15,728 in 1958)
- (4) Included with number of vessels passages.
One passenger through one lock station recorded as "1".
One pleasure craft through one lock station recorded as "1".

SUMMARY OF CANAL STATISTICS

JUNE, 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	14,925	844,130	-	-	14,925	844,130
Corn	-	122,127	-	-	-	122,127
Oats	5,055	138,903	-	-	5,055	138,903
Barley	2,939	294,965	-	-	2,939	294,965
Rye	840	15,185	-	-	840	15,185
Flour	-	6,112	41	41	41	6,153
Mill products, other	12,348	30,270	25	25	12,373	30,295
Malt	4,276	4,276	-	-	4,276	4,276
Flaxseed	3,575	52,842	-	-	3,575	52,842
Products of agriculture, other	-	-	26	26	26	26
Coal, anthracite	-	-	-	39,280	-	39,280
Coal, bituminous	-	-	-	1,400,526	-	1,400,526
Iron ore	2	13,049,651	-	5,376	2	13,055,027
Sand, gravel and stone	7,526	7,526	-	293,540	7,526	301,066
Products of mines, other	222	222	25	17,696	247	17,918
Pulpwood, lumber and logs	-	47,188	-	-	-	47,188
Gasoline	-	-	7,085	42,061	7,085	42,061
Fuel, road and petroleum residual oils	-	-	1,340	51,888	1,340	51,888
Iron, pig	1,472	40,548	-	-	1,472	40,548
Manufactured iron and steel	12,806	12,806	1,212	34,953	14,018	47,759
Motor vehicles	-	-	327	5,360	327	5,360
Cement	-	-	-	82,935	-	82,935
Paper and wood pulp	10,518	16,686	-	-	10,518	16,686
Scrap iron and steel	-	19,040	-	10,100	-	29,140
Domestic package freight	1,278	1,278	15,319	15,319	16,597	16,597
Manufactures and miscellaneous - other	12,118	20,842	1,994	22,485	14,112	43,327
TOTAL	89,900	14,724,597	27,394	2,021,611	117,294	16,746,208

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Wheat	577,896	-	577,896	-	-	-	577,896	-	577,896
Corn	284,163	11	284,174	-	-	-	284,163	11	284,174
Oats	132,729	-	132,729	-	-	-	132,729	-	132,729
Barley	236,345	-	236,345	-	-	-	236,345	-	236,345
Rye	3,203	-	3,203	-	-	-	3,203	-	3,203
Flour	9,170	2,616	11,786	-	-	-	9,170	2,616	11,786
Mill products, other	6,678	228	6,906	-	-	-	6,678	228	6,906
Soybeans	61,995	-	61,995	-	-	-	61,995	-	61,995
Beans and peas	10,262	4,481	14,743	-	-	-	10,262	4,481	14,743
Flaxseed	68,078	-	68,078	-	-	-	68,078	-	68,078
Products of agriculture - other	13,027	110	13,137	881	185	1,066	13,908	295	14,203
Packing house products	4,231	7,669	11,900	-	-	-	4,231	7,669	11,900
Animals and products - other	10,755	4,883	15,638	1,096	1,683	2,779	11,851	6,566	18,417
Coal, bituminous	299,075	-	299,075	5,001	-	5,001	304,076	-	304,076
Coke	11,014	-	11,014	-	-	-	11,014	-	11,014
Iron ore	539,771	2	539,773	501,841	-	501,841	1,041,612	2	1,041,614
Ores and concentrates -other	1,110	-	1,110	-	-	-	1,110	-	1,110
Gravel and sand	6,316	-	6,316	12,074	-	12,074	18,390	-	18,390
Stone	14,182	-	14,182	132,877	-	132,877	147,059	-	147,059
Salt	8,216	-	8,216	-	-	-	8,216	-	8,216
Products of mines - other	1,544	317	1,861	12,151	613	12,764	13,695	930	14,625
Pulpwood	26,945	-	26,945	47,992	-	47,992	74,937	-	74,937
Products of forests -other	320	220	540	-	741	741	320	961	1,281
Gasoline	3,530	-	3,530	11,427	-	11,427	14,957	-	14,957
Fuel, road and petroleum residual oils	29,434	-	29,434	77,876	-	77,876	107,310	-	107,310
Petroleum products, refined - other	8,985	1,948	10,933	16,349	40	16,389	25,334	1,988	27,322
Chemicals	4,626	1,134	5,760	8,116	275	8,391	12,742	1,409	14,151
Sodium (soda) products	15,923	113	16,036	-	-	-	15,923	113	16,036
Tar, pitch and creosote	22,070	-	22,070	-	-	-	22,070	-	22,070
Iron, pig	-	-	-	13,687	-	13,687	13,687	-	13,687
Iron and steel, bar, rod and slab	-	1,840	1,840	-	8,766	8,766	-	10,606	10,606
Iron and steel - other	-	7,417	7,417	-	23,915	23,915	-	31,332	31,332



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JUNE, 1959

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<u>WELLAND SHIP CANAL:- (Cont'd.)</u>									
Manufactured iron and steel	-	15,367	15,367	-	27,082	27,082	-	42,449	42,449
Motor vehicles	-	1,721	1,721	-	2,252	2,252	-	3,973	3,973
Cement	14,609	-	14,609	10,188	-	10,188	24,797	-	24,797
Wood pulp	3,150	-	3,150	6,899	-	6,899	10,049	-	10,049
Newsprint paper	-	-	-	-	51,955	51,955	-	51,955	51,955
Syrup and molasses, refined and residual	-	57	57	19,928	-	19,928	19,928	57	19,985
Sugar	-	-	-	-	6,970	6,970	-	6,970	6,970
Feed; animal and poultry	22,472	2,646	25,118	5	30	35	22,477	2,676	25,153
Scrap iron and steel	13,461	248	13,709	7,022	-	7,022	20,483	248	20,731
Domestic package freight	15,678	-	15,678	31,593	-	31,593	47,271	-	47,271
Manufactures and miscellaneous - other	5,540	37,577	43,117	3,387	36,356	39,743	8,927	73,933	82,860
TOTAL	2,486,503	90,605	2,577,108	920,390	160,863	1,081,253	3,406,893	251,468	3,658,361

ST. LAWRENCE CANALS:

Wheat	494,871	-	494,871	1,835	-	1,835	496,706	-	496,706
Corn	247,401	11	247,412	-	-	-	247,401	11	247,412
Oats	120,072	-	120,072	-	-	-	120,072	-	120,072
Barley	212,456	-	212,456	-	-	-	212,456	-	212,456
Rye	3,202	-	3,202	-	-	-	3,202	-	3,202
Flour	9,449	2,616	12,065	-	-	-	9,449	2,616	12,065
Mill products - other	4,361	228	4,589	-	-	-	4,361	228	4,589
Soybeans	22,928	-	22,928	-	-	-	22,928	-	22,928
Beans and peas	10,262	4,481	14,743	1	-	1	10,263	4,481	14,744
Flaxseed	64,555	-	64,555	-	-	-	64,555	-	64,555
Products of agriculture - other	17,867	154	18,021	41	414	455	17,908	568	18,476
Animals and products - other	15,466	13,112	28,578	1,917	2,207	4,124	17,383	15,319	32,702
Coal, bituminous	68,340	-	68,340	42,553	-	42,553	110,893	-	110,893
Coke	5,987	-	5,987	-	-	-	5,987	-	5,987
Iron ore	-	2	2	528,760	-	528,760	528,760	2	528,762
Ores and concentrates - other	1,110	-	1,110	-	-	-	1,110	-	1,110
Gravel and sand	72,900	-	72,900	900	-	900	73,800	-	73,800
Stone	1,918	-	1,918	-	-	-	1,918	-	1,918
Petroleum, crude	-	-	-	54,830	-	54,830	54,830	-	54,830
Salt	8,216	-	8,216	-	-	-	8,216	-	8,216
Products of mines - other	1,746	329	2,075	24,526	1,977	26,503	26,272	2,306	28,578
Pulpwood	-	-	-	47,992	-	47,992	47,992	-	47,992
Products of forests - other	446	426	872	-	3,541	3,541	446	3,967	4,413
Gasoline	2,398	-	2,398	-	-	-	2,398	-	2,398
Fuel, road and petroleum residual oils	3,704	-	3,704	161,840	-	161,840	165,544	-	165,544
Petroleum products, refined - other	5,056	1,999	7,055	-	253	253	5,056	2,252	7,308
Chemicals	1,445	1,655	3,100	4,891	637	5,528	6,336	2,292	8,628
Tar, pitch and creosote	2,930	-	2,930	1,775	-	1,775	4,705	-	4,705
Iron, pig	-	-	-	13,687	-	13,687	13,687	-	13,687
Iron and steel, bar, rod and slab	-	236	236	-	9,787	9,787	-	10,023	10,023
Iron and steel - other	-	7,572	7,572	-	34,504	34,504	-	42,076	42,076
Manufactured iron and steel	-	16,517	16,517	-	28,509	28,509	-	45,026	45,026
Motor vehicles	-	1,874	1,874	-	3,816	3,816	-	5,690	5,690
Cement	1,988	-	1,988	2,812	-	2,812	4,800	-	4,800
Wood pulp	-	-	-	7,496	-	7,496	7,496	-	7,496
Newsprint paper	-	-	-	-	33,835	33,835	-	33,835	33,835
Syrup and molasses, refined and residual	-	57	57	25,436	-	25,436	25,436	57	25,493
Sugar	-	-	-	13,708	6,971	20,679	13,708	6,971	20,679
Food products, in cans and packages	-	11,832	11,832	-	3,502	3,502	-	15,334	15,334
Feed; animal and poultry	22,903	3,310	26,213	30	30	60	22,933	3,340	26,273
Scrap iron and steel	6,507	248	6,755	-	-	-	6,507	248	6,755
Domestic package freight	41,283	-	41,283	28,456	-	28,456	69,739	-	69,739
Manufactures and miscellaneous - other	4,448	38,221	42,669	8,697	55,704	64,401	13,145	93,925	107,070
TOTAL	1,476,215	104,880	1,581,095	972,183	185,687	1,157,870	2,448,398	290,567	2,738,965