



SUMMARY OF CANAL STATISTICS

June, 1960

Total freight transported through Canadian canals during June reached a new high of 7,996,689 tons, almost 20 per cent above June last year and 2 per cent above the previous record of 7,848,620 tons reached in August, 1959. Increased shipments of iron ore, coal and wheat were the main factors in the overall increase. Compared with June 1959, the number of vessel passages dropped to 3,897 from 4,337 but the registered net tonnage increased 16.5 per cent to 6,647,654 tons from 5,705,934. Pleasure craft lockages declined to 8,550 from 10,110 and the number of passengers dropped to 17,853 from 22,458.

Sault Ste. Marie Canals - Canadian and United States Locks: Freight cleared through the combined system was down 10.7 per cent to 14,948,534 tons from 16,746,208 in June last year. Traffic using the Canadian lock, however, increased to 231,096 tons from 117,294. The major factors in the overall decrease were eastbound iron ore shipments which declined 10 per cent to 11,717,936 tons and westbound coal, down 28 per cent to 1,001,008 tons. Total eastbound freight dropped to 13,560,557 tons from 14,724,597 in the previous year while westbound freight declined to 1,387,977 tons from 2,021,611. Vessel passages through the canals numbered 3,205 as against 3,290 in the corresponding month last year.

Welland Ship Canal: Freight moved through the Welland Ship Canal was up 20.5 per cent, increasing to 4,407,784 tons from 3,658,361 in June 1959. Major increases were: iron ore, up to 1,501,328 tons from 1,041,614, bituminous coal up to 529,469 tons from 304,076, and wheat, to 668,209 tons from 577,896. Eastbound traffic through the canal was up 12 per cent to 2,884,811 tons from 2,577,108, while westbound traffic, increased 41 per cent to 1,522,973 tons from 1,081,253. A total of 1,148 vessels of 3,389,664 registered net tons passed through the canal compared with 1,137 vessels of 2,930,227 tons in the previous June.

St. Lawrence Canals: Freight through the St. Lawrence Canals increased 17 per cent to 3,207,775 tons from 2,738,965 in the previous year. Shipments of iron ore westbound increased to 918,136 tons from 528,760 while east bound wheat rose to 577,470 tons from 494,871. Total eastbound traffic was up 7 per cent to 1,693,348 tons from 1,581,095 while westbound traffic increased by 31 per cent to 1,514,427 tons from 1,157,870. Vessel passages declined to 1,530 from 1,729, but the registered net tonnage rose 18 per cent to 2,559,817 tons from 2,166,001.

Prepared in the Transportation and Public Utilities Section
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	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
JUNE, 1960					
<u>ALL CANADIAN CANALS</u>	3,897	6,647,654	17,853	8,550	7,996,689
Canso Canal	194	94,329	-	158	89,610
Murray Canal	13	323	-	292	30
Ottawa River Canals	103	46,147	17	5	43,300
Richelieu River Canal	117	17,724	-	14	16,509
Rideau Canal	14	597	47 ⁽¹⁾	3,540	35
St. Andrew's Canal	37	1,752	69 ⁽²⁾	275	442
St. Lawrence Canals	1,530	2,559,817	814	4 ⁽⁴⁾	3,207,775
St. Peter's Canal	48	2,588	-	13	94
Sault Ste Marie Canal	689	534,668	16,153	-	231,096
Trent Canal	4	45	- ⁽³⁾	4,249	14
Welland Ship Canal	1,148	3,389,664	753	-	4,407,784
JUNE, 1959					
<u>ALL CANADIAN CANALS</u>	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	3,466	-
St. Andrew's Canal	60	3,295	68	140	700
St. Lawrence Canals	1,729	2,166,001	4,403	68	2,738,965
St. Peter's Canal	59	1,554	-	7	70
Sault Ste. Marie Canal	552	417,021	15,098	45	117,294
Trent Canal	16	237	-	4,881	21
Welland Ship Canal	1,137	2,930,227	2,873	18	3,658,361
JUNE, 1960					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	459	181,729	14,181	-	147,136
Can. & U.S. Locks	1,602	N.A.	14,842	-	13,560,557
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	230	352,939	1,972	-	83,960
Can. & U.S. Locks	1,603	N.A.	14,770	-	1,387,977
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - June, 1960	689	534,668	16,153	-	231,096
Can. & U.S. Locks - June, 1960	3,205	N.A.	29,612	-	14,948,534
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
<u>WELLAND SHIP CANAL</u>					
East Bound	578	1,724,019	562	-	2,884,811
West Bound	570	1,665,645	191	-	1,522,973
Total - June, 1960	1,148	3,389,664	753	-	4,407,784
Total - June, 1959	1,137	2,930,227	2,873	18	3,658,361
<u>ST. LAWRENCE CANALS</u>					
East Bound	784	1,309,977	429	3	1,693,348
West Bound	746	1,249,840	385	1	1,514,427
Total - June, 1960	1,530	2,559,817	814	4	3,207,775
Total - June, 1959	1,729	2,166,001	4,403	68	2,738,965

N.A. - Not available.

- (1) Exclusive of 2,804 passengers on sightseeing pleasure boat cruises, and 10,472 passengers carried in pleasure craft. (2,784 and 11,029 in 1959)
 - (2) Exclusive of 991 passengers carried in pleasure craft.
 - (3) 14,167 passengers carried on small boats. (16,229 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".

SUMMARY OF CANAL STATISTICS

JUNE, 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						
Wheat	21,742	945,654	-	-	21,742	945,654
Corn	-	126,223	-	-	-	126,223
Oats	9,401	129,170	-	-	9,401	129,170
Barley	8,165	250,916	-	-	8,165	250,916
Rye	2,425	36,413	-	-	2,425	36,413
Flour	-	10,164	-	-	-	10,164
Mill products, other	16,387	65,523	30	30	16,417	65,553
Flaxseed	-	35,571	-	-	-	35,571
Products of agriculture, other	15,198	15,198	1	1	15,199	15,199
Coal,	-	-	-	1,001,008	-	1,001,008
Iron ore	-	11,717,936	-	-	-	11,717,936
Sand, gravel and stone	12,941	12,941	-	180,078	12,941	193,019
Pulpwood, lumber and logs	4,800	74,688	-	-	4,800	74,688
Gasoline	1,201	1,201	9,764	33,983	10,965	35,184
Fuel, road, and petroleum residual oils	2,107	2,107	33,675	54,386	35,782	56,493
Iron, pig	-	41,974	-	3,360	-	45,334
Manufactured iron and steel	-	7,739	3,348	29,563	3,348	37,302
Motor vehicles	-	-	128	5,328	128	5,328
Cement	-	-	2,016	18,164	2,016	18,164
Paper and wood pulp	27,176	33,496	-	-	27,176	33,496
Scrap iron and steel	-	26,354	-	-	-	26,354
Domestic package freight	7,913	7,913	28,449	28,449	36,362	36,362
Manufactures and miscellaneous, other	17,680	19,376	6,549	33,627	24,229	53,003
TOTAL	147,136	13,560,557	83,960	1,387,977	231,096	14,948,534

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL									
Wheat	668,209	-	668,209	-	-	-	668,209	-	668,209
Corn	261,299	-	261,299	-	-	-	261,299	-	261,299
Oats	93,608	-	93,608	-	-	-	93,608	-	93,608
Barley	172,938	-	172,938	-	-	-	172,938	-	172,938
Rye	8,706	-	8,706	-	-	-	8,706	-	8,706
Flour, wheat	14,185	-	14,185	160	-	160	14,345	-	14,345
Mill products, other	11,264	-	11,264	-	-	-	11,264	-	11,264
Soybeans	122,184	-	122,184	-	-	-	122,184	-	122,184
Beans and peas, dried	9,138	-	9,138	5	-	5	9,143	-	9,143
Malt	9,067	-	9,067	-	-	-	9,067	-	9,067
Flaxseed	27,500	-	27,500	-	-	-	27,500	-	27,500
Products of agriculture, other	17,865	234	18,099	437	10	447	18,302	244	18,546
Packing house products	2,500	3,656	6,156	-	-	-	2,500	3,656	6,156
Animals and products, other	2,778	4,373	7,151	32,200	1,124	33,324	34,978	5,497	40,475
Coal, bituminous	519,494	-	519,494	9,975	-	9,975	529,469	-	529,469
Coke	1,666	-	1,666	575	-	575	2,241	-	2,241
Iron ore	536,835	-	536,835	964,493	-	964,493	1,501,328	-	1,501,328
Gravel and sand	15,771	-	15,771	3,595	-	3,595	19,366	-	19,366
Stone, crushed, broken	6,900	49	6,949	72,920	-	72,920	79,820	49	79,869
Salt	4,108	-	4,108	-	-	-	4,108	-	4,108
Sulphur	7,841	-	7,841	6,504	-	6,504	14,345	-	14,345
Products of mines, other	4,016	224	4,240	57,618	238	57,856	61,634	462	62,096
Pulpwood	31,362	-	31,362	42,373	-	42,373	73,735	-	73,735
Products of forests, other	170	753	923	-	984	984	170	1,737	1,907
Gasoline	8,369	-	8,369	46,783	-	46,783	55,152	-	55,152
Fuel, road, and petroleum residual oils	29,782	-	29,782	69,905	-	69,905	99,687	-	99,687
Lubricating oils and greases	5,453	602	6,055	14,317	-	14,317	19,770	602	20,372
Petroleum products, refined, other	1,777	582	2,359	13,556	39	13,595	15,333	621	15,954
Soybean oil	12,195	-	12,195	-	-	-	12,195	-	12,195
Chemicals	19,043	3,893	22,936	4,768	735	5,503	23,811	4,628	28,439
Sodium (soda) products	23,537	-	23,537	-	20	20	23,537	20	23,557
Tar, pitch and creosote	18,346	135	18,481	2,416	-	2,416	20,762	135	20,897
Iron, pig	-	-	-	6,669	-	6,669	6,669	-	6,669
Iron and steel: bar, rod and slab	1,767	8,936	10,703	-	1,719	1,719	1,767	10,655	12,422
Iron and steel, other	-	987	987	-	3,301	3,301	-	4,288	4,288
Manufactured iron and steel	-	27,766	27,766	3,333	12,910	16,243	3,333	40,676	44,009
Motor vehicles	-	4,787	4,787	-	3,540	3,540	-	8,327	8,327
Cement	8,545	-	8,545	2,016	-	2,016	10,561	-	10,561

SUMMARY OF CANAL STATISTICS

JUNE, 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.)									
Wood pulp	3,150	-	3,150	2,133	-	2,133	5,283	-	5,283
Newsprint paper	-	-	-	-	58,120	58,120	-	58,120	58,120
Syrup and molasses, refined and residual	2,200	-	2,200	8,737	-	8,737	10,937	-	10,937
Food products, in cans and packages	61	3,497	3,558	-	3,850	3,850	61	7,347	7,408
Feed, animal and poultry	45,135	3,581	48,716	-	-	-	45,135	3,581	48,716
Scrap iron and steel	47,621	52	47,673	-	-	-	47,621	52	47,673
Domestic package freight	20,560	-	20,560	28,016	-	28,016	48,576	-	48,576
Manufactures and miscellaneous, other	114	23,645	23,759	13,721	29,158	42,879	13,835	52,803	66,638
TOTAL	2,797,059	87,752	2,884,811	1,407,225	115,748	1,522,973	4,204,284	203,500	4,407,784
ST. LAWRENCE CANALS									
Wheat	574,470	-	574,470	3,177	-	3,177	577,647	-	577,647
Corn	248,265	-	248,265	-	-	-	248,265	-	248,265
Oats	88,373	-	88,373	-	-	-	88,373	-	88,373
Barley	161,412	-	161,412	-	-	-	161,412	-	161,412
Rye	7,726	-	7,726	-	-	-	7,726	-	7,726
Flour, wheat	17,954	-	17,954	2	-	2	17,956	-	17,956
Mill products, other	10,109	114	10,223	4	-	4	10,113	114	10,227
Soybeans	87,804	-	87,804	-	-	-	87,804	-	87,804
Soybean oil cake and meal	10,017	-	10,017	-	-	-	10,017	-	10,017
Beans and peas, dried	9,314	-	9,314	39	-	39	9,353	-	9,353
Malt	5,741	114	5,855	-	-	-	5,741	114	5,855
Flaxseed	27,499	-	27,499	-	-	-	27,499	-	27,499
Products of agriculture, other	16,423	287	16,710	84	795	879	16,507	1,082	17,589
Packing house products	2,500	3,656	6,156	-	-	-	2,500	3,656	6,156
Animals and products, other	3,045	5,944	8,989	32,787	1,586	34,373	35,832	7,530	43,362
Coal, bituminous	84,886	-	84,886	31,445	-	31,445	116,331	-	116,331
Coke	1,666	-	1,666	-	-	-	1,666	-	1,666
Iron ore	-	37	37	918,136	-	918,136	918,136	37	918,173
Gravel and sand	-	42,600	42,600	2,773	-	2,773	2,773	42,600	45,373
Petroleum, crude	-	-	-	47,535	-	47,535	47,535	-	47,535
Salt	4,108	-	4,108	-	-	-	4,108	-	4,108
Phosphate rock	-	-	-	1,002	-	1,002	1,002	-	1,002
Sulphur	-	-	-	10,059	-	10,059	10,059	-	10,059
Products of mines, other	6,933	351	7,284	49,399	395	49,794	56,332	746	57,078
Pulpwood	-	-	-	42,373	-	42,373	42,373	-	42,373
Products of forests, other	322	1,232	1,554	300	4,757	5,057	622	5,989	6,611
Gasoline	-	-	-	2,308	-	2,308	2,308	-	2,308
Fuel, road, and petroleum residual oils	-	-	-	160,010	-	160,010	160,010	-	160,010
Lubricating oils and greases	673	602	1,275	24,589	-	24,589	25,262	602	25,864
Petroleum products, refined, other	-	598	598	-	39	39	-	637	637
Chemicals	4,730	4,233	8,963	-	2,536	2,536	4,730	6,769	11,499
Aluminum: bar, ingot, pig and slab	-	-	-	3,040	1,540	4,580	3,040	1,540	4,580
Iron, pig	-	-	-	6,669	-	6,669	6,669	-	6,669
Iron and steel: bar, rod and slab	704	9,251	9,955	-	2,224	2,224	704	11,475	12,179
Iron and steel, other	-	1,772	1,772	-	5,107	5,107	-	6,879	6,879
Manufactured iron and steel	360	37,246	37,606	3,333	18,955	22,288	3,693	56,201	59,894
Motor vehicles	-	5,500	5,500	-	5,886	5,886	-	11,386	11,386
Wood pulp	-	-	-	1,735	-	1,735	1,735	-	1,735
Newsprint paper	-	-	-	-	33,486	33,486	-	33,486	33,486
Syrup and molasses, refined and residual	-	-	-	-	-	-	-	-	-
Sugar	-	-	-	-	330	330	-	330	330
Food products, in cans and packages	61	4,098	4,159	-	7,281	7,281	61	11,379	11,440
Feed, animal and poultry	45,381	3,983	49,364	-	-	-	45,381	3,983	49,364
Scrap iron and steel	55,333	52	55,385	-	150	150	55,333	202	55,535
Domestic package freight	43,611	6,048	49,659	19,734	297	20,031	63,345	6,345	69,690
Manufactures and miscellaneous, other	15,606	30,604	46,210	23,087	45,443	68,530	38,693	76,047	114,740
TOTAL	1,535,026	158,322	1,693,348	1,383,620	130,807	1,514,427	2,918,646	289,129	3,207,775 ⁽¹⁾

(1) Includes 60,438 tons of non toll traffic.