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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

SUMMARY OF CANAL STATISTICS

Price per year \$1.00

JULY, 1956

The amount of freight transported through the eleven Canadian canals during July totalled 5,728,220 tons, an increase of 1,272,243 tons or 28.6 per cent over the July 1955 total of 4,455,977 tons. Increased traffic was reported by all the canals except the St. Peter's. Commodities responsible for the overall increase over the previous July include wheat, barley and oats at the Sault Ste. Marie canal, wheat, barley and bituminous coal at the Welland Ship canal and wheat, barley and iron ore at the St. Lawrence canals. The number of vessel passages advanced to 5,112 from 4,043 and the registered net tonnage rose to 5,167,807 tons from 4,174,917. The number of passengers carried this July declined to 45,044 from 70,858, while the number of pleasure craft lockages dropped to 23,438 from 29,936.

Sault Ste. Marie Canals - Canadian and United States Locks: Although the volume of freight through the Canadian lock rose this July to 551,793 tons from 287,321 a year ago, the total shipped through the combined system declined to 6,825,951 tons from 16,535,323 in July 1955, a decrease of 9,709,372 tons or 58.7 per cent. This sharp drop was due to the strike in the United States steel industry, which resulted in eastbound shipments of iron ore through the American locks decreasing to 3,009,279 from 13,554,773. Eastbound shipments of wheat increased to 1,391,801 tons from 724,903; barley rose to 345,000 tons from 212,293 and rye advanced to 142,259 tons from 10,285. Westbound shipments of bituminous coal decreased to 819,684 tons from 935,122 in the previous July. The number of vessel passages fell to 2,098 from 3,430 while the registered net tonnage dropped to 5,402,545 from 13,357,432.

Welland Ship Canal: The total freight shipped through the Welland Ship canal in July increased to 3,169,051 tons from 2,603,293 in July 1955, an increase of 565,758 tons or 21.7 per cent. Commodities which contributed to the advance this July include: wheat which totalled 626,939 tons as compared with 444,659 tons one year earlier; barley which advanced to 198,236 tons from 124,519; rye which rose to 64,443 tons from 4,079; bituminous coal which increased to 868,380 tons from 412,470 and fuel oil which was up to 156,014 tons from 112,581 in the previous July. Decreases were reported for such commodities as iron ore, crude petroleum, pulpwood and petroleum products. Iron ore declined to 477,132 tons from 748,451 and crude petroleum decreased to 148,178 tons from 172,156. A total of 1,260 vessels of 2,788,903 registered net tons was cleared through the system as compared with the July 1955 total of 1,188 vessels of 2,327,829 net tons.

St. Lawrence Canals: The volume of freight transported through the St. Lawrence system during July amounted to 1,939,301 tons as compared with 1,525,303 tons in July 1955, a gain of 413,998 tons or 27.1 per cent. Although the tonnage of a few commodities was slightly lower than in the previous July, an overall increase was reported. Commodities with higher tonnages included wheat, oats, barley, rye, bituminous coal, iron ore and pulpwood. Wheat shipments advanced to 500,224 tons from 328,553; oats rose to 32,890 tons from 18,739; barley increased to 149,796 tons from 106,942; iron ore was up to 403,515 tons from 289,260 and cargoes of pulpwood totalled 82,552 tons as against 45,434 in the previous July. Vessel passages numbered 1,681 aggregating 1,425,388 registered net tons as compared with 1,384 vessels of 1,179,990 net tons in the preceding July.

Prepared in the Public Finance and Transportation Division.

Transportation and Public Utilities Section.

8504-517:76

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1956.

SUMMARY OF CANAL STATISTICS

	J U L Y, 1956					Cumulative Tons of freight -1956
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight	
ALL CANADIAN CANALS	5,112	5,167,807	45,044	23,438	5,728,220	19,121,375
Canso Canal	426	16,332	-	-	4,729	23,728
Murray Canal	66	5,525	321	585	-	-
Ottawa River Canals	211	52,130	-	1,232	46,800	128,700
Richelieu River Canal	107	13,502	62	-	13,205	46,204
Rideau Canal	37	977	150(1)	10,023	111	154
St. Andrew's Canal	106	9,981	64(2)	114	3,073	3,198
St. Lawrence Canals	1,681	1,425,388	2	238	1,939,301	6,342,978
St. Peter's Canal	76	1,273	-	-	75	637
Sault Ste. Marie Canal	1,121	853,452	44,445	173	551,793	1,569,106
Trent Canal	21	344	(3)	11,073	82	94
Welland Ship Canal	1,260	2,788,903	-	-	3,169,051	11,006,576
	J U L Y, 1955					Cumulative-1955
ALL CANADIAN CANALS	4,043	4,174,917	70,858	23,936	4,455,977	16,575,142
Canso Canal	-	-	-	-	-	-
Murray Canal	6	2,889	-	680	-	300
Ottawa River Canals	132	33,615	-	2,092	30,600	109,175
Richelieu River Canal	85	9,427	21	-	6,612	40,732
Rideau Canal	24	470	119	9,055	5	81
St. Andrew's Canal	75	8,020	231	135	1,518	1,531
St. Lawrence Canals	1,384	1,179,990	18	297	1,525,303	5,368,422
St. Peter's Canal	108	3,157	9	-	1,299	3,335
Sault Ste. Marie Canals	1,026	609,295	70,422	246	287,321	977,523
Trent Canal	15	225	-	11,406	26	53
Welland Ship Canal	1,188	2,327,829	38	25	2,603,293	10,073,990

	July, 1956		July, 1955		Cumulative -1956	Cumulative -1955
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
SAULT STE. MARIE CANALS						
<u>EASTBOUND</u>						
Number of vessel passages	546	1,054	508	1,725	4,800	5,049
Registered net tonnage	384,435	2,747,400	275,147	6,665,042	19,511,033	21,177,007
Number of passengers	22,308	22,464	35,590	36,300	28,283	45,743
<u>Commodities (Cargo tons)</u>						
Newsprint and wood pulp	19,681	20,159	20,213	20,213	80,303	93,352
Pulpwood	11,150	65,710	29,522	119,702	161,802	260,420
Wheat	224,967	1,391,801	35,090	724,903	4,839,335	3,478,614
Barley	58,354	345,000	19,007	212,293	1,161,589	979,822
Oats	56,570	169,407	19,003	93,407	424,846	344,710
Corn	-	-	-	15,448	1,362	123,210
Rye	593	142,259	2,526	10,285	385,543	170,830
Flaxseed	989	25,829	2,352	63,438	194,618	166,082
Flour	9,120	9,120	5,935	5,935	34,713	32,439
Other grain & mill products	32,729	37,878	30,046	32,198	122,448	85,915
Iron ore	-	3,009,279	-	13,554,773	34,107,700	41,248,263
Manufactured iron & steel	18,926	22,286	20,668	38,635	59,405	111,759
Pig iron	-	28,571	-	23,305	103,946	119,033
Scrap iron	-	17,470	-	52,095	121,576	123,739
Sand, gravel and stone	18,400	18,400	1,600	1,600	59,800	29,806
Petroleum, crude	-	133,606	-	-	494,777	167,237
Other petroleum products	-	-	2,800	134,703	14,490	137,703
All other freight	2,637	2,637	6,682	6,682	19,245	18,811
TOTAL FREIGHT	454,116	5,439,412	195,444	15,109,615	42,387,498	47,691,745

- (1) Exclusive of 6,800 paying passengers on sight seeing pleasure boat cruises.
Exclusive of 27,748 passengers carried in pleasure craft.
- (2) Exclusive of 454 passengers carried in pleasure craft.
- (3) 41,609 passengers carried in small boats.

One passenger through one lock station recorded as "1".
One pleasure craft through one lock station recorded as "1".

SUMMARY OF CANAL STATISTICS

	July, 1956		July, 1955		Cumulative-1956	Cumulative-1955
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
<u>SAULT STE. MARIE CANALS</u>						
<u>WESTBOUND</u>						
Number of vessel passages	575	1,044	518	1,705	4,933	5,152
Registered net tonnage	469,017	2,655,145	334,148	6,692,390	20,058,273	21,768,414
Number of passengers	22,137	22,274	34,832	35,573	28,304	45,282
<u>Commodities (Cargo tons)</u>						
Cement	-	28,892	-	27,165	119,309	102,308
Coal, bituminous	14,517	819,684	14,983	935,122	4,813,384	4,168,763
Coal, anthracite	-	64,161	1,000	29,669	168,040	156,941
Coke	-	2,523	-	15,696	14,675	27,417
Iron ore	-	60,149	-	11,200	189,914	62,896
Manufactured iron & steel	858	13,176	165	28,953	108,605	101,613
Salt	30	11,257	61	6,161	46,529	23,963
Sand, gravel and stone	-	181,319	-	207,041	854,887	826,716
Gasoline	11,648	61,632	20,350	63,299	180,579	161,392
Fuel oil	18,005	70,073	20,101	47,059	220,036	171,594
Other petroleum products	8,037	8,037	643	643	16,559	25,903
Autos, trucks & parts	1,518	7,440	1,403	9,885	25,483	32,594
All other freight	43,064	58,196	33,171	43,815	195,687	180,692
TOTAL FREIGHT	97,677	1,386,539	91,877	1,425,708	6,953,687	6,042,792
<u>SAULT STE. MARIE CANALS</u>						
<u>TOTAL</u>						
Number of vessel passages	1,121	2,098	1,026	3,430	9,733	10,201
Registered net tonnage	853,452	5,402,545	609,295	13,357,432	39,569,306	42,945,421
Number of passengers	44,445	44,738	70,422	71,873	56,587	91,025
Number of pleasure craft	173	173	246	246	275	371
Tons of freight	551,793	6,825,951	287,321	16,535,323	49,341,185	53,734,537
<u>WELLAND SHIP CANAL</u>						
	July, 1956			July, 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
Number of vessel passages	633	627	1,260	1,188	4,373	4,648
Registered net tonnage	1,390,187	1,398,716	2,788,903	2,327,829	9,604,752	9,454,062
Number of passengers	-	-	-	38	105	64
Number of pleasure craft	-	-	-	25	-	34
<u>Commodities (Cargo tons)</u>						
Wheat	-	626,939	626,939	444,659	1,764,570	1,516,199
Corn	2,731	25,732	28,463	25,082	115,381	89,518
Oats	-	48,000	48,000	42,805	129,784	151,842
Barley	-	198,236	198,236	124,519	612,964	695,292
Rye	-	64,443	64,443	4,079	239,179	133,068
Flaxseed	-	23,254	23,254	29,477	147,310	93,572
Other grain	2,108	2,523	4,631	2,303	75,718	41,924
Flour	200	1,559	1,759	1,419	4,897	5,157
Mill products	-	5,289	5,289	374	9,638	374
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	868,380	868,380	412,470	3,036,218	2,791,905
Coke	750	3,440	4,190	n.a	9,076	n.a
Iron ore	296,726	180,406	477,132	748,451	2,106,071	1,778,222
Petroleum, crude	2,400	145,778	148,178	172,156	587,324	530,128
Sand, gravel and stone	11,933	39,086	51,019	8,768	95,320	75,373
Salt	-	23,142	23,142	n.a	68,247	n.a
Pulpwood	57,024	17,190	74,214	85,814	188,226	239,426
Gasoline	14,549	33,146	47,695	61,917	166,093	227,027
Fuel oil	41,800	114,214	156,014	112,581	452,115	437,926
Petroleum oils & other petroleum prod.	38,122	15,114	53,236	78,508	205,577	233,054
Iron and steel	1,963	6,478	8,441	n.a	43,243	n.a
Autos, trucks and parts	1,212	3,278	4,490	613	6,765	1,685
Wood pulp	1,261	2,254	3,515	5,675	30,636	24,332
Newsprint	40,621	1,617	42,238	37,597	159,704	173,132
Other manufactured products	20,864	23,409	44,273	n.a	164,444	n.a
All other freight	83,249	78,631	161,880	204,026	588,076	834,834
TOTAL FREIGHT	617,513	2,551,538	3,169,051	2,603,293	11,006,576	10,073,990



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SUMMARY OF CANAL STATISTICS

	July, 1956			July, 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
ST. LAWRENCE CANALS						
Number of vessel passages	827	854	1,681	1,384	5,436	5,067
Registered net tonnage	693,264	732,124	1,425,388	1,179,990	4,698,753	4,441,150
Number of passengers	-	2	2	18	14	18
Number of pleasure craft	-	-	238	297	378	468
<u>Commodities (Cargo tons)</u>						
Wheat	-	500,224	500,224	328,553	1,366,987	1,184,744
Corn	-	14,461	14,461	8,240	85,605	66,395
Oats	-	32,890	32,890	18,739	83,380	80,004
Barley	-	149,796	149,796	106,942	469,125	541,991
Rye	-	10,609	10,609	-	157,221	134,249
Flaxseed	-	16,593	16,593	14,450	68,206	72,104
Other grain	-	-	-	2,300	10,367	11,052
Flour	-	1,293	1,293	1,195	4,766	4,200
Mill products	-	2,352	2,352	374	11,011	2,351
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	184,907	184,907	177,502	715,202	753,984
Coke	-	3,929	3,929	n.a.	7,837	n.a.
Iron ore	403,515	-	403,515	289,260	1,322,959	572,872
Petroleum, crude	36,925	-	36,925	41,950	149,755	137,440
Sand, gravel and stone	675	44,100	44,775	33,976	126,675	124,287
Salt	-	31,066	31,066	n.a.	68,442	n.a.
Pulpwood	82,552	-	82,552	45,434	177,072	147,490
Gasoline	8,732	7,625	16,357	14,037	42,332	43,176
Fuel oil	108,350	6,728	115,078	164,514	434,749	503,071
Petroleum oils & other petroleum prod.	11,500	594	12,094	15,925	55,994	53,511
Iron and steel	10,820	200	11,020	n.a.	42,244	n.a.
Autos, trucks and parts	734	379	1,113	120	2,327	725
Wood pulp	4,219	-	4,219	2,475	24,435	17,209
Newsprint	14,784	672	15,456	18,467	70,867	77,855
Other manufactured products	37,541	2,285	39,826	n.a.	133,785	n.a.
All other freight	108,677	99,574	208,251	240,850	711,635	839,712
TOTAL FREIGHT	829,024	1,110,277	1,939,301	1,525,303	6,342,978	5,368,422

CANSO CANAL

Number of vessel passages	213	213	426	-	1,570	-
Registered net tonnage	7,854	8,478	16,332	-	91,059	-
Number of passengers	-	-	-	-	-	-
Number of pleasure craft	-	-	-	-	-	-
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	-	-	-	462	-
Fish	-	2,615	2,615	-	5,486	-
Coal	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Ores	-	-	-	-	-	-
Pulpwood	-	-	-	-	-	-
Gasoline	420	-	420	-	2,881	-
Petroleum oils and other petroleum prod.	1,000	-	1,000	-	3,285	-
Iron and steel	-	-	-	-	-	-
Newsprint	-	-	-	-	-	-
All other freight	560	134	694	-	11,614	-
TOTAL FREIGHT	1,980	2,749	4,729	-	23,728	-